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January 1 to December 31, 2019

Drill Programs

Assessment Report for Borden

Borden and Cochrane Townships

Porcupine District, Ontario, Canada

Prepared By:

Borden Gold

217 Martel Road

Chapleau, Ontario

P0M 1K0

Thursday, February 6, 2020

Brad Clarke

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1. INTRODUCTION

Newmont Borden Limited (herein called Newmont) contracted Major drilling to complete successive drilling campaigns over patents and mineral claims on the Borden Gold property. The program took place from January 1st to December 31st, in 2019. The focus of the program was for reserve conversion, infill and exploration drilling over and around known Borden Gold mineralization.

The program helped define Borden gold mineralization under Borden Lake and along strike of know mineralization. The results have provided grounds for further drilling.

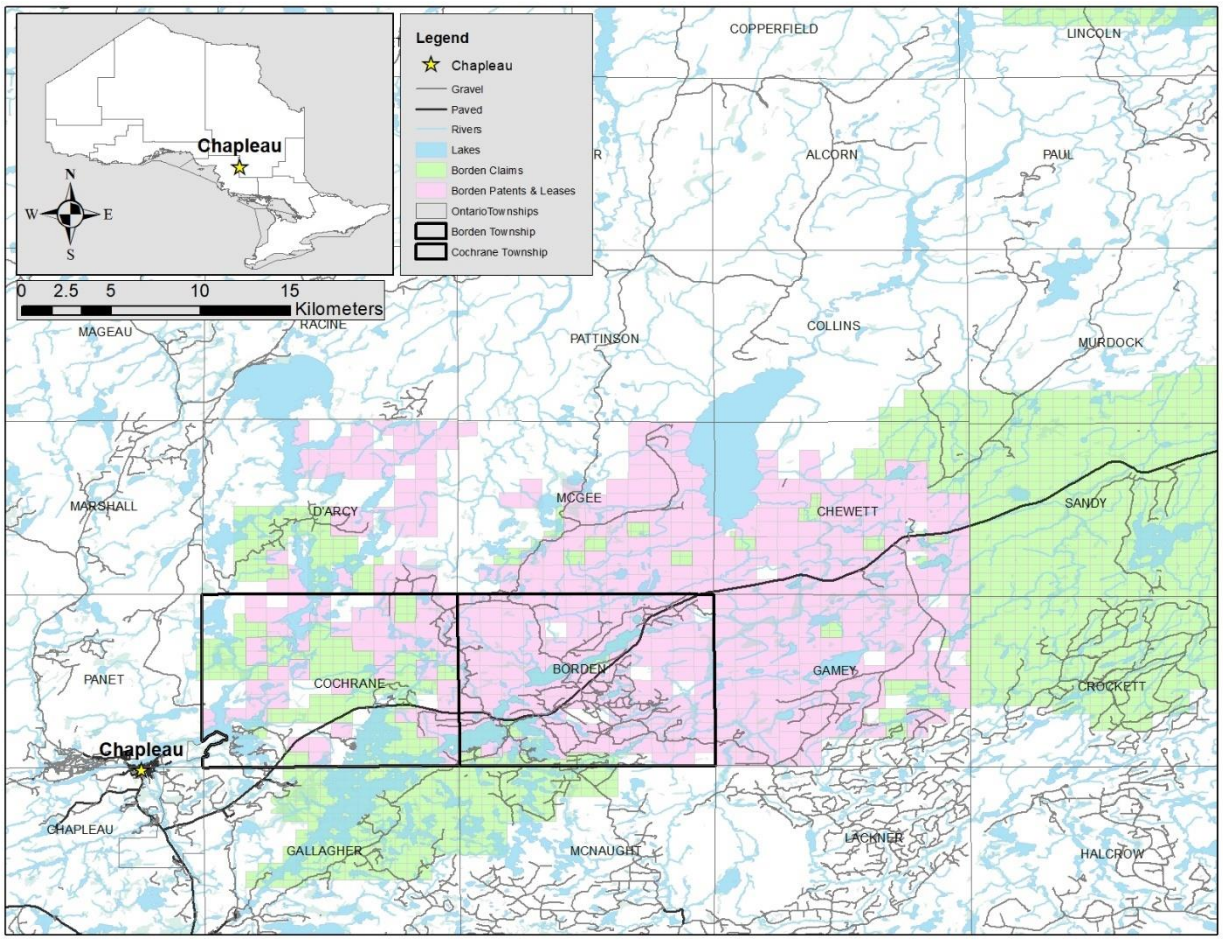
2. PROPERTY DETAILS

2.1 Location and Access

Drill sites were located between 7.5 to 14 kilometres east-northeast of Chapleau within the Cochrane and Borden townships (Figure 1). Most drill sites were accessible via roads with a truck. Those that were not, were cleared with either a bulldozer or a feller buncher and bulldozer if new access was required.

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

Figure 1. Tenure Map



Mineral Claim information (patents & cells) displayed in Table 1 and Table 2.

Table 1– Cell Claim Information

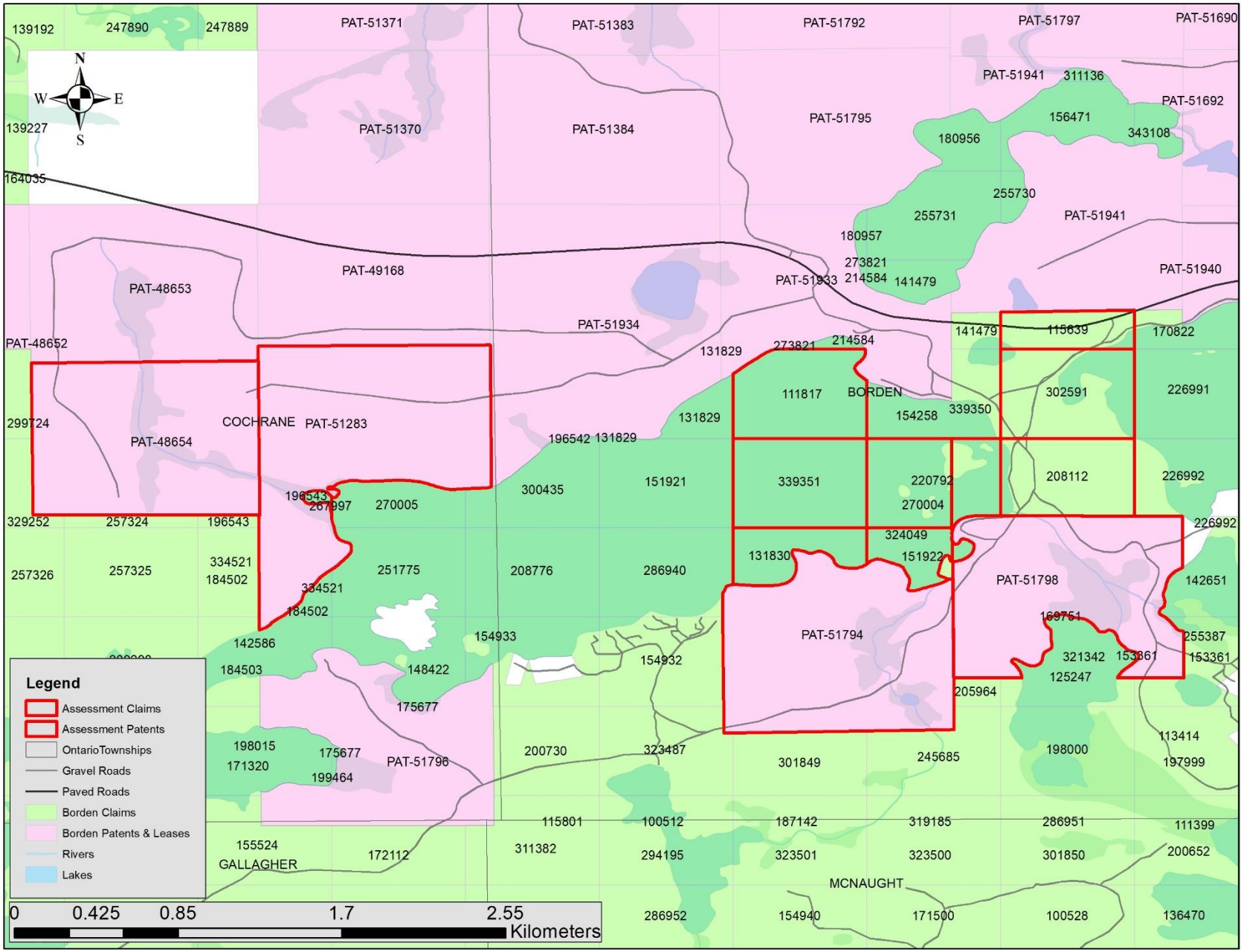
Tenure Number	Title Type	Tenure Status	Anniversary	Holder
339351	Single Cell Mining Claim	Requested for Lease	9/13/2025	(100) GOLDCORP BORDEN LIMITED
115639	Single Cell Mining Claim	Active	9/13/2021	(100) GOLDCORP BORDEN LIMITED
111817	Single Cell Mining Claim	Requested for Lease	9/13/2025	(100) GOLDCORP BORDEN LIMITED
131830	Single Cell Mining Claim	Requested for Lease	9/13/2025	(100) GOLDCORP BORDEN LIMITED
151922	Boundary Cell Mining Claim	Requested for Lease	9/13/2025	(100) GOLDCORP BORDEN LIMITED
196543	Boundary Cell Mining Claim	Requested for Lease	9/13/2025	(100) GOLDCORP BORDEN LIMITED
208112	Single Cell Mining Claim	Active	9/13/2021	(100) GOLDCORP BORDEN LIMITED
220792	Boundary Cell Mining Claim	Active	9/13/2021	(100) GOLDCORP BORDEN LIMITED
270004	Boundary Cell Mining Claim	Requested for Lease	9/13/2025	(100) GOLDCORP BORDEN LIMITED
302591	Single Cell Mining Claim	Active	9/13/2021	(100) GOLDCORP BORDEN LIMITED
324049	Boundary Cell Mining Claim	Active	9/13/2021	(100) GOLDCORP BORDEN LIMITED

Table 2 – Patented Claim Information

Pin	Township	Lot	Con	Parcel Pin	Owner	Type	MLAS_ID
73102-0063	Cochrane	2	2	2058SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-48654
73102-0055	Cochrane	1	1	5174SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51283
73104-0122	Borden	11	1	4781SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51794
73102-0118	Borden	10	1	4748SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51798

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.



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) conduced 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 Subprovince, the Abitibi Subprovince, and the Kapuskasing Structural Zone underlie the Chapleau area (Thurston et al., 1977). Eastward from the Chapleau area and into Quebec, the Abitibi Subprovince 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).

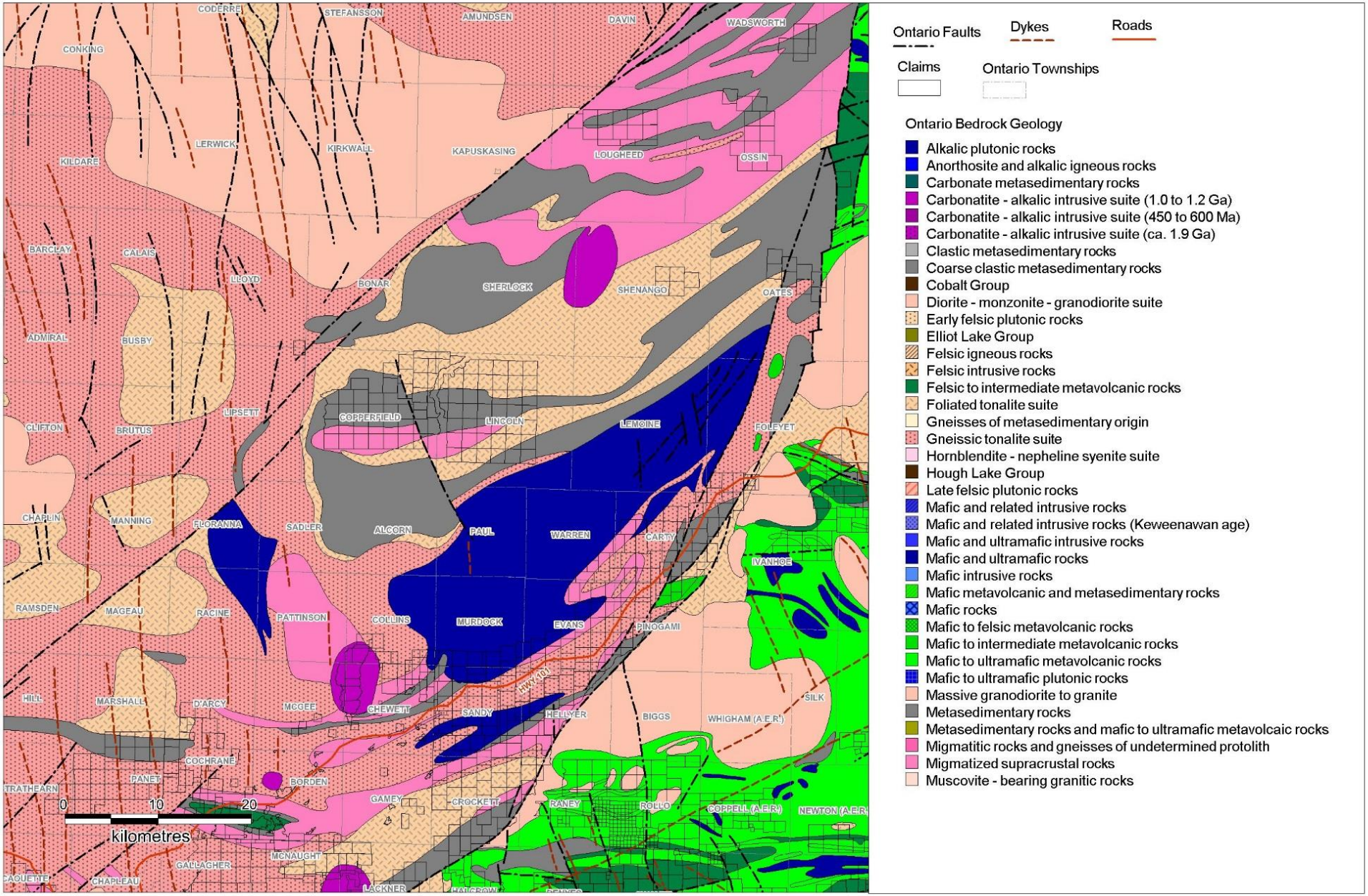
Several alkalic rocks such as carbonatite complexes along with lamprohyric dykes intruded along the KSZ, approximately 1022 to 1141 Ma ago. The carbonatite occurrences appear to display close spatial relationships with major northeast-striking shear zones. Proximal to the project area, on the northern 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, between 0-100 metres of quaternary till. 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

Drilling programs were planned to determine Borden Gold mineralization underneath Borden Lake and along strike to focus on resource conversion and brownfields exploration. Drilling was focused on the Northeast and Southwest shore of the Eastern branch of Borden Lake.

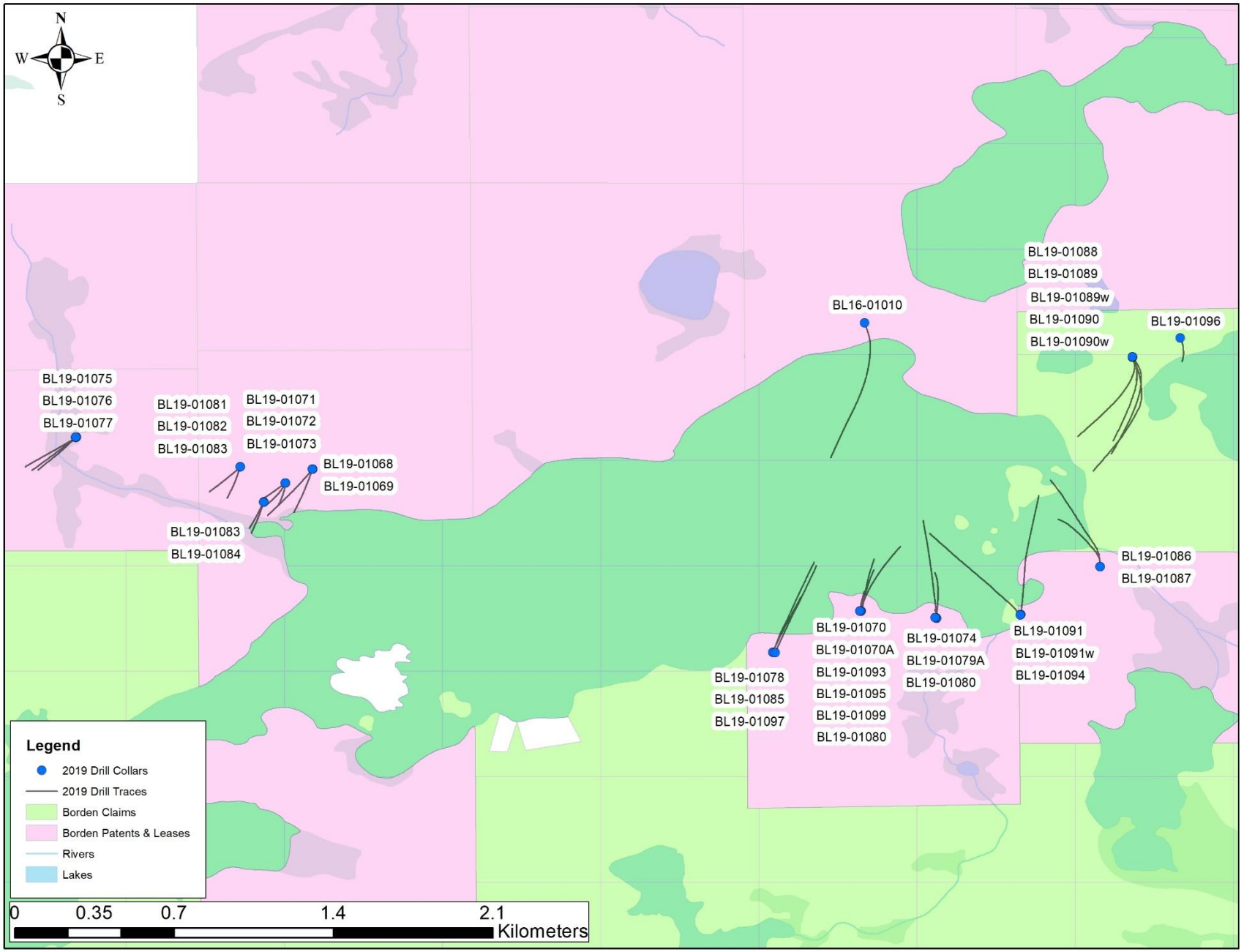
A total of 26,256.32 metres were drilled on 36 drill holes that were completed during the exploration seasons for 2019 (Figure 4). Major Drilling was contracted by Newmont to drill diamond drill hole (DDH) core for the program. Drill logs are provided in Appendix 2.

5.1 Diamond drill procedure

Drill trails and sites were cleared with at D6 bulldozer and the bulldozer was used to move drill rigs from site to site. Once on a drill set up, each drill rig commenced drilling after being aligned with a gyro 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 stop drilling.

Water usage was measured with water meters and drill cuttings were managed with cuttings control units, trenches and sumps. When holes were ended the drill crew performed a downhole survey before cleaning, packing up and moving to the next site. This procedure continued for the duration of the program.

Figure 4. Diamond drill hole collar location and hole traces overview.



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 a better idea of the location of Borden mineralization under Borden Lake. This aided in planning more fine-tuned diamond drill hole programs proximal to known Borden mineralization.

8. CONCLUSIONS

The results of the multiple years of programs provided focused targets for follow-up.

9. RECOMMENDATIONS

The areas continue to have exploration potential. 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 l, p.73-78.

11. LIST OF PERSONNEL

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

Last Name	First Name	Employer
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:

Brad Clarke
7 Patricia Street
Lively, Ontario
P3Y 1A9

Work Address:

Brad
Newmont
Borden Gold Mines
(705) 235-6327
Brad.Clarke@Newmont.com

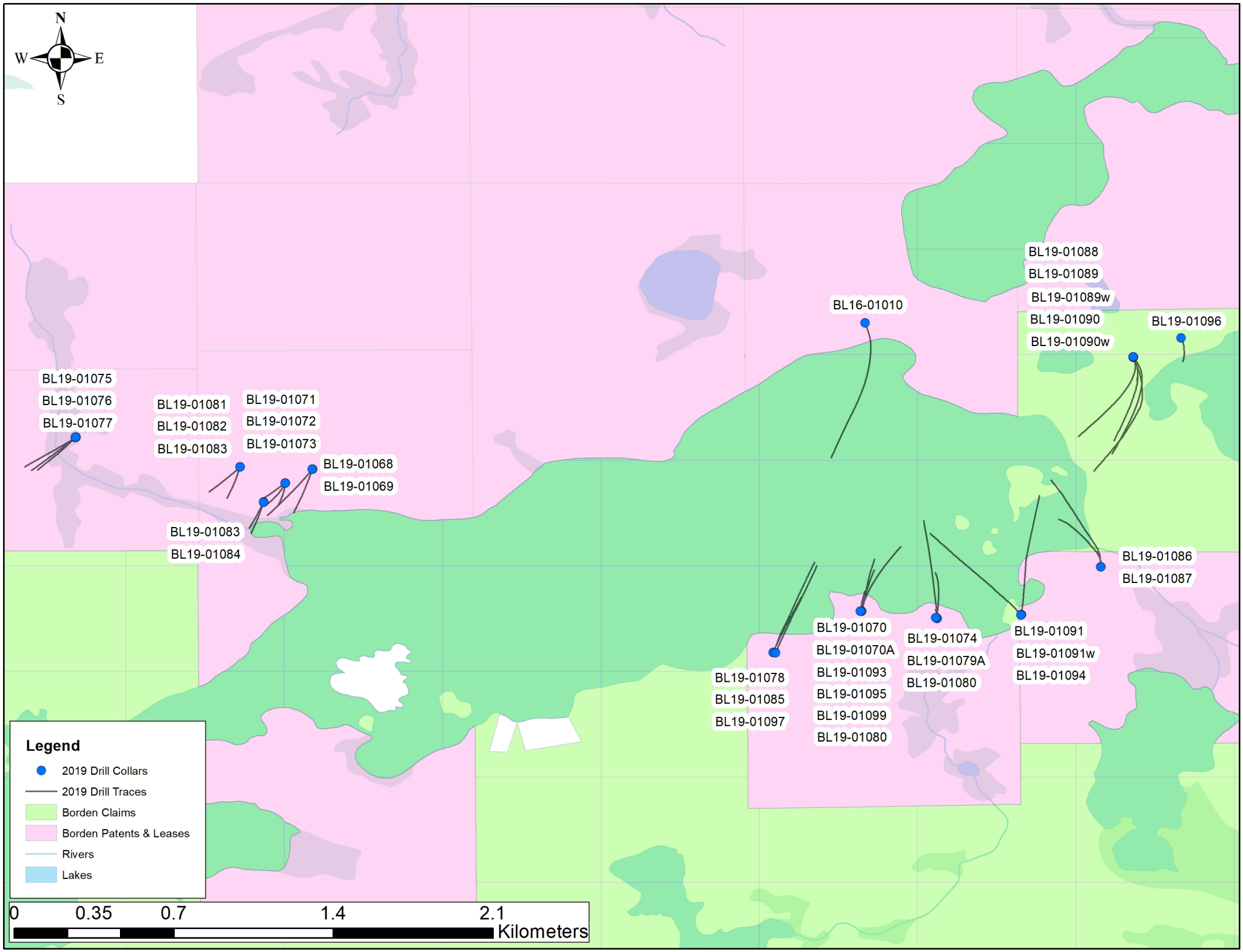
I, Brad Clarke, hereby certify that:

1. I graduated from Dalhousie University in 2016 with a Bachelor of Science with Specialization in Earth Science: Geology
2. I am employed as an exploration Geologist with Newmont and have practiced my profession for 3 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 2 2020

Brad Clarke

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


N
W
E
S
BL19-01088
BL19-01089
BL19-01089w
BL19-01090
BL19-01090w
BL16-01010
BL19-01096
BL19-01075
BL19-01076
BL19-01077
BL19-01081
BL19-01082
BL19-01083
BL19-01071
BL19-01072
BL19-01073
BL19-01068
BL19-01069
BL19-01083
BL19-01084
BL19-01086
BL19-01087
BL19-01070
BL19-01070A
BL19-01093
BL19-01095
BL19-01099
BL19-01080
BL19-01074
BL19-01079A
BL19-01080
BL19-01091
BL19-01091w
BL19-01094
BL19-01078
BL19-01085
BL19-01097
Legend
2019 Drill Collars
2019 Drill Traces
Borden Claims
Borden Patents & Leases
Rivers
Lakes
0
0.35
0.7
1.4
2.1
Kilometers

Appendix 2. Core logs

Newmont
PORCUPINE

Newmont
Geological Description with Assays

Hole ID : **BL16-01010**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	165.64	Easting :	333450.095	Logged By :	Andrew.Nette
Dip :	-73.02	Northing :	5304021.436	Logged By 2 :	Gordon.McFadden
Length :	1569.45	Elevation :	442.764	Log Start :	28-Nov-2016
Drill Start :	25-Nov-2016	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	18-Oct-2019
Drill Completed :	7-Oct-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Logged by A.Nette 0-286.2m and 1010-1305m; G.McFadden 286.2-582.5m and 872.15-1010m; C.Yuill 582.5-638.1m; and N.Lintner 638.1-709.75m; J.Flank 709.75-872.15m; M.Ricardo 1305-1383m. In 2019 extended to 1569.45m and logged by M.Schweinberger; extension has a med grey-brownish mod to strongly fol GBFG with very few 'dislocated' lenses of grey qtz at 1436.66-1438.47 and a peg with abund po and 0.5m of mamish looking rock within peg at 1465.51-1470.38m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**57.45**	**(OB) Overburden, ( )**								
Casing to 60m.										
57.45	**68.20**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52184	57.5	59	1.5	0.051	ACT_FAAA		
Well foliated polymictic orthoconglomerate; strong stretching and a mixture of felsic and more mafic clasts. Fabric 60 dca. Patchy biotite alteration.			B52185	59	60	1	0.06	ACT_FAAA		
			B52187	60	61	1	0.03	ACT_FAAA		
			B52188	61	62	1	0.023	ACT_FAAA		
			B52189	62	63	1	0.062	ACT_FAAA		
			B52190	63	64	1	0.056	ACT_FAAA		
			B52191	64	65	1	0.077	ACT_FAAA		
			B52193	65	66	1	0.026	ACT_FAAA		
			B52194	66	67	1	0.026	ACT_FAAA		
			B52195	67	68.2	1.2	0.01	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
68.20	**71.30**	**(DIO) Diorite, ( )**	B52196	68.2	69.3	1.1	0.027	ACT_FAAA		
Diorite with diffuse texture; common chl/ep altered fractures; local stron breccia with strong HEM alteration throughout and common fracture fabric in breccia 50 dca.			B52197	69.3	70.3	1	0.06	ACT_FAAA		
			B52199	70.3	71.3	1	0.01	ACT_FAAA		
71.30	**73.70**	**(DIO) Diorite, ( )**	B52200	71.3	72.5	1.2	0.0025	ACT_FAAA		
Diorite with moderate to strong foliation; comon mgr-cgr feldspar phenocrysts and patchy disseminated biotite. Trace amphibole grains.			B52201	72.5	73.7	1.2	0.005	ACT_FAAA		
73.70	**96.80**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52202	73.7	75	1.3	0.021	ACT_FAAA		
Well foliated polymictic orthoconglomerate; strong stretching and a mixture of felsic and more mafic clasts. Fabric 50-60 dca. Patchy biotite alteration. Common fractures throughout with chl/ep alteration. Minor diorite interval.			B52203	75	76.5	1.5	0.113	ACT_FAAA		
			B52204	76.5	78	1.5	0.021	ACT_FAAA		
			B52205	78	79.5	1.5	0.018	ACT_FAAA		
			B52207	79.5	81	1.5	0.027	ACT_FAAA		
			B52208	81	82.5	1.5	0.021	ACT_FAAA		
			B52209	82.5	83.5	1	0.013	ACT_FAAA		
			B52210	83.5	84.5	1	0.02	ACT_FAAA		
			B52211	84.5	85.5	1	0.049	ACT_FAAA		
			B52213	85.5	87	1.5	0.022	ACT_FAAA		
			B52214	87	87.5	0.5	0.027	ACT_FAAA		
			B52215	87.5	89	1.5	0.105	ACT_FAAA		
			B52216	89	90	1	0.019	ACT_FAAA		
			B52217	90	91	1	0.01	ACT_FAAA		
			B52219	91	92	1	0.152	ACT_FAAA		
			B52220	92	93	1	0.054	ACT_FAAA		
			B52221	93	94	1	0.071	ACT_FAAA		
			B52222	94	95	1	0.022	ACT_FAAA		
			B52223	95	96	1	0.016	ACT_FAAA		
			B52224	96	96.8	0.8	0.029	ACT_FAAA		
96.80	**100.65**	**(DIO) Diorite, ( )**	B52225	96.8	98	1.2	0.048	ACT_FAAA		
Diorite with variable strain; increases proximal to lower contact with conglomerate. Fabric and contacts 60-70 dca. Common mgr-cgr phenocrysts with weak and pervasive HEM staining.			B52227	98	99.5	1.5	0.036	ACT_FAAA		
			B52228	99.5	100.65	1.15	0.057	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
100.65	**104.40**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52229	100.65	102	1.35	0.059	ACT_FAAA		
Well foliated polymictic orthoconglomerate; strong stretching and a mixture of felsic and more mafic clasts. Fabric 60-70 dca. Patchy biotite alteration. Common diorite clasts.			B52230	102	103.2	1.2	0.121	ACT_FAAA		
			B52231	103.2	104.4	1.2	0.105	ACT_FAAA		
104.40	**107.95**	**(DIO) Diorite, ( )**	B52233	104.4	105.5	1.1	0.005	ACT_FAAA		
Diorite with common mgr-cgr feldspar phencrysts throughout; moderate foliation 60 dca; and minor disseminations of biotite. Weak and pervasive HEM staining throughout interval.			B52234	105.5	106.5	1	0.02	ACT_FAAA		
			B52235	106.5	107.95	1.45	0.022	ACT_FAAA		
107.95	**110.00**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52236	107.95	109	1.05	0.086	ACT_FAAA		
Well foliated polymictic orthoconglomerate; strong stretching and a mixture of felsic and more mafic clasts. Fabric 60 dca. Patchy biotite alteration. Common Diorite clasts similar to surrounding lithologies. Abundant mafic clasts with common biotite alteration.			B52237	109	110	1	0.042	ACT_FAAA		
110.00	**112.75**	**(DIO) Diorite, ( )**	B52239	110	111	1	0.03	ACT_FAAA		
Diorite with weak-moderate foliation; abundant mgr-cgr feldspar phenocrysts and patchy disseminated biotite. Patchy weak HEM staining.			B52240	111	112	1	0.078	ACT_FAAA		
			B52241	112	112.75	0.75	0.011	ACT_FAAA		
112.75	**114.90**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52242	112.75	114	1.25	0.15	ACT_FAAA		
Well foliated polymictic orthoconglomerate; strong stretching and a mixture of felsic and more mafic clasts. Fabric 60 dca. Patchy biotite alteration. Common diorite clasts and mostly mafic clasts with patchy disseminated biotite.			B52243	114	114.9	0.9	0.021	ACT_FAAA		
114.90	**124.80**	**(DIO) Diorite, ( )**	B52244	114.9	116	1.1	0.041	ACT_FAAA		
Diorite with weak-moderate foliation 50-60 dca. Common massive quartz veins and patchy disseminations of amphibole and biotite. Mgr-cgr feldspar phenocrysts with weak patchy HEM staining.			B52245	116	117	1	0.028	ACT_FAAA		
			B52247	117	118	1	0.008	ACT_FAAA		
			B52248	118	119	1	0.018	ACT_FAAA		
			B52249	119	120	1	0.008	ACT_FAAA		
			B52250	120	121	1	0.016	ACT_FAAA		
			B52251	121	122	1	0.02	ACT_FAAA		
			B52253	122	123	1	0.035	ACT_FAAA		
			B52254	123	124	1	0.034	ACT_FAAA		
			B52255	124	124.8	0.8	0.008	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
124.80	**148.40**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52256	124.8	126	1.2	0.065	ACT_FAAA		
Polymictic orthoconglomerate with very high strain and stretching. Abundant mafic clasts throughout this interval with patchy HEM stained diorite. Increasing abundance of fracturing; carbonate fill in fractures and into very high strain/deformation related to major fault zone. This appears to be the "Conglomerate Fault Zone			B52257	126	127.5	1.5	0.02	ACT_FAAA		
			B52259	127.5	129	1.5	0.054	ACT_FAAA		
			B52260	129	130.5	1.5	0.018	ACT_FAAA		
			B52261	130.5	132	1.5	0.072	ACT_FAAA		
			B52262	132	133.5	1.5	0.032	ACT_FAAA		
			B52263	133.5	135	1.5	0.03	ACT_FAAA		
			B52264	135	136.5	1.5	0.034	ACT_FAAA		
			B52265	136.5	138	1.5	0.044	ACT_FAAA		
			B52267	138	139.5	1.5	0.036	ACT_FAAA		
			B52268	139.5	141	1.5	0.034	ACT_FAAA		
			B52269	141	142	1	0.053	ACT_FAAA		
			B52270	142	143	1	0.059	ACT_FAAA		
			B52271	143	144	1	0.06	ACT_FAAA		
			B52273	144	145	1	0.03	ACT_FAAA		
			B52274	145	146.2	1.2	0.015	ACT_FAAA		
			B52275	146.2	147.3	1.1	0.037	ACT_FAAA		
			B52276	147.3	148.4	1.1	0.117	ACT_FAAA		
148.40	**154.70**	**(DIO) Diorite, ( )**	B52277	148.4	149.4	1	0.028	ACT_FAAA		
Diorite with intense fault zone and pervasive HEM staining. Focus of fault is 10cm gouge at 150m and intense breccia 50cm on either side that exhibits grain size reduction rounded rock fragments and clay fill. "Conglomerate Fault Zone". Strong fracturing and carbonate fill throughout interval.			B52279	149.4	150	0.6	0.016	ACT_FAAA		
			B52280	150	150.75	0.75	0.041	ACT_FAAA		
			B52281	150.75	151.75	1	0.005	ACT_FAAA		
			B52282	151.75	152.75	1	0.024	ACT_FAAA		
			B52283	152.75	153.75	1	0.011	ACT_FAAA		
			B52284	153.75	154.7	0.95	0.015	ACT_FAAA		
154.70	**164.80**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52285	154.7	155.75	1.05	0.034	ACT_FAAA		
Conglomerate with strong fracturing and brecciated intervals throughout. Local massive fractured quartz veins and minor UMD interval with faulted upper contact; 5cm gouge.			B52287	155.75	156.75	1	0.031	ACT_FAAA		
			B52288	156.75	157.75	1	0.026	ACT_FAAA		
			B52289	157.75	158.75	1	0.071	ACT_FAAA		
			B52290	158.75	159.4	0.65	0.018	ACT_FAAA		
			B52291	159.4	160.4	1	0.007	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52293	160.4	161.4	1	0.019	ACT_FAAA		
			B52294	161.4	162.4	1	0.015	ACT_FAAA		
			B52295	162.4	163.4	1	0.025	ACT_FAAA		
			B52296	163.4	164.8	1.4	0.013	ACT_FAAA		
164.80	**169.00**	**(DIO) Diorite, ( )**	B52297	164.8	166	1.2	0.017	ACT_FAAA		
Diorite with abundant mgr feldspar phenocrysts and pervasive HEM staining. Moderate to strong foliation throughout 60 dca. local breccia and abundant fracturing throughout.			B52299	166	167	1	0.007	ACT_FAAA		
			B52300	167	168	1	0.007	ACT_FAAA		
			B52301	168	169	1	0.013	ACT_FAAA		
169.00	**182.45**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52302	169	170	1	0.011	ACT_FAAA		
Conglomerate with high strain and clasts appear as bands of mafic and felsic rock. Strong fracturing throughout and local breccia. Minor UMD intervals with common fractures; carbonate fill and breccia at contacts.			B52303	170	171	1	0.093	ACT_FAAA		
			B52304	171	172	1	0.06	ACT_FAAA		
			B52305	172	173	1	0.096	ACT_FAAA		
			B52307	173	174	1	0.065	ACT_FAAA		
			B52308	174	175	1	0.03	ACT_FAAA		
			B52309	175	176	1	0.019	ACT_FAAA		
			B52310	176	177.2	1.2	0.03	ACT_FAAA		
			B52311	177.2	178.7	1.5	0.014	ACT_FAAA		
			B52313	178.7	179.5	0.8	0.044	ACT_FAAA		
			B52314	179.5	181	1.5	0.025	ACT_FAAA		
			B52315	181	182.45	1.45	0.066	ACT_FAAA		
182.45	**200.00**	**(DIO) Diorite, ( )**	B52316	182.45	183.5	1.05	0.034	ACT_FAAA		
Diorite with abundant fracturing and breccia; strong pervasive HEM staining; mgr feldspar phenocrysts and patchy cgr quartz eyes. minor fractured quartz veins. Increasing structural intensity towards lower contact with strong breccia and grain size reduction.			B52317	183.5	184.5	1	0.025	ACT_FAAA		
			B52319	184.5	186	1.5	0.013	ACT_FAAA		
			B52320	186	187	1	0.035	ACT_FAAA		
			B52321	187	188	1	0.013	ACT_FAAA		
			B52322	188	189	1	0.005	ACT_FAAA		
			B52323	189	190	1	0.006	ACT_FAAA		
			B52324	190	191	1	0.009	ACT_FAAA		
			B52325	191	192	1	0.011	ACT_FAAA		
			B52327	192	193	1	0.008	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52328	193	194	1	0.005	ACT_FAAA		
			B52329	194	195	1	0.039	ACT_FAAA		
			B52330	195	196	1	0.0025	ACT_FAAA		
			B52331	196	197	1	0.014	ACT_FAAA		
			B52333	197	198	1	0.006	ACT_FAAA		
			B52334	198	199	1	0.0025	ACT_FAAA		
			B52335	199	200	1	0.0025	ACT_FAAA		
200.00	**201.65**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B52336	200	201	1	0.0025	ACT_FAAA		
			B52337	201	201.65	0.65	0.0025	ACT_FAAA		
		Massive pegmatite with mostly feldspar and minor quartz. Fracturing and breccia throughout.								
201.65	**205.25**	**(DIO) Diorite, ( )**	B52339	201.65	202.75	1.1	0.027	ACT_FAAA		
		Diorite with strong fracturing and large interval of breccia with some clay fill; grain size reduction and rounded fragments.	B52340	202.75	203.8	1.05	0.007	ACT_FAAA		
			B52341	203.8	205.25	1.45	0.011	ACT_FAAA		
205.25	**218.80**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52342	205.25	206	0.75	0.052	ACT_FAAA		
		Polymictic orthoconglomerate with strong strain and banded texture. Common HEM alteration in felsic clasts. Common fracturing throughout and commonly filled with carbonate. Rare biotite disseminations in clasts.	B52343	206	207	1	0.078	ACT_FAAA		
			B52344	207	208	1	0.042	ACT_FAAA		
			B52345	208	209	1	0.111	ACT_FAAA		
			B52347	209	210	1	0.118	ACT_FAAA		
			B52348	210	211	1	0.329	ACT_FAAA		
			B52349	211	212	1	0.021	ACT_FAAA		
			B52350	212	213	1	0.019	ACT_FAAA		
			B52351	213	214	1	0.019	ACT_FAAA		
			B52353	214	215	1	0.099	ACT_FAAA		
			B52354	215	216	1	0.052	ACT_FAAA		
			B52355	216	217	1	0.03	ACT_FAAA		
			B52356	217	218	1	0.02	ACT_FAAA		
			B52357	218	218.8	0.8	0.043	ACT_FAAA		
218.80	**220.20**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B52359	218.8	220.2	1.4	0.02	ACT_FAAA		
		Pegmatite with mostly feldspar; minor quartz and trace cgr biotite grains. Abundant fracturing								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
throughout.										
220.20	**232.55**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52360	220.2	221	0.8	0.036	ACT_FAAA		
Polymictic orthoconglomerate with strong strain and banded texture. Common HEM alteration in felsic clasts. Common fracturing throughout and commonly filled with carbonate. Rare biotite disseminations in clasts. Minor interval of DIO.			B52361	221	222	1	0.087	ACT_FAAA		
			B52362	222	223	1	0.043	ACT_FAAA		
			B52363	223	223.9	0.9	0.025	ACT_FAAA		
			B52364	223.9	225	1.1	0.0025	ACT_FAAA		
			B52365	225	226	1	0.049	ACT_FAAA		
			B52367	226	227	1	0.017	ACT_FAAA		
			B52368	227	228	1	0.026	ACT_FAAA		
			B52369	228	229	1	0.028	ACT_FAAA		
			B52370	229	230	1	0.036	ACT_FAAA		
			B52371	230	231	1	0.008	ACT_FAAA		
			B52373	231	231.75	0.75	0.028	ACT_FAAA		
			B52374	231.75	232.55	0.8	0.019	ACT_FAAA		
232.55	**233.65**	**(DIO) Diorite, ( )**	B52375	232.55	233.65	1.1	0.01	ACT_FAAA		
Well foliated and fractured diorite with common carbonate fracture fill and pervasive HEM staining.										
233.65	**240.05**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52376	233.65	234.75	1.1	0.075	ACT_FAAA		
Polymictic orthoconglomerate with strong strain and banded texture. Common HEM alteration in felsic clasts. Common fracturing throughout and commonly filled with carbonate. Rare biotite disseminations in clasts.			B52377	234.75	236	1.25	0.105	ACT_FAAA		
			B52379	236	237	1	0.016	ACT_FAAA		
			B52380	237	238	1	0.027	ACT_FAAA		
			B52381	238	239	1	0.06	ACT_FAAA		
			B52382	239	240.05	1.05	0.032	ACT_FAAA		
240.05	**241.30**	**(DIO) Diorite, ( )**	B52383	240.05	241.3	1.25	0.022	ACT_FAAA		
Diorite with common fractures and weak pervasive HEM staining. Common fgr-mgr feldspar phenocrysts.										
241.30	**243.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B52384	241.3	242.4	1.1	0.0025	ACT_FAAA		
			B52385	242.4	243.5	1.1	0.0025	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		massive pegmatite with mostly feldspar; minor quartz and no visible biotite. Increasing fractures and fabric proximal to lower contact.								
243.50	**254.50**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52387	243.5	244.5	1	0.016	ACT_FAAA		
		Polymictic orthoconglomerate with strong strain and banded texture. Common HEM alteration in felsic clasts. Common fracturing throughout and commonly filled with carbonate. Rare biotite disseminations in clasts. Strong fabric and fracturing proximal to upper contact with PEG. Minor interval of DIO.	B52388	244.5	245.5	1	0.082	ACT_FAAA		
			B52389	245.5	246.5	1	0.027	ACT_FAAA		
			B52390	246.5	248	1.5	0.029	ACT_FAAA		
			B52391	248	249	1	0.025	ACT_FAAA		
			B52393	249	250	1	0.044	ACT_FAAA		
			B52394	250	251	1	0.055	ACT_FAAA		
			B52395	251	252	1	0.016	ACT_FAAA		
			B52396	252	252.7	0.7	0.0025	ACT_FAAA		
			B52397	252.7	253.6	0.9	0.006	ACT_FAAA		
			B52399	253.6	254.5	0.9	0.008	ACT_FAAA		
254.50	**259.30**	**(DIO) Diorite, ( )**	B52400	254.5	255.25	0.75	0.042	ACT_FAAA		
		Diorite with minor FGC interval; common fracturing and carbonate fill; common fgr-mgr feldspar phenocrysts and pervasive HEM staining. increasing abundance of disseminated amphibole proximal to lower contact. Massive fractured grey quartz vein marks lower contact.	B52401	255.25	256.05	0.8	0.008	ACT_FAAA		
			B52402	256.05	256.6	0.55	0.158	ACT_FAAA		
			B52403	256.6	257.6	1	0.008	ACT_FAAA		
			B52404	257.6	258.35	0.75	0.007	ACT_FAAA		
			B52405	258.35	259.3	0.95	0.059	ACT_FAAA		
259.30	**262.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52407	259.3	260.1	0.8	0.012	ACT_FAAA		
		Felsic gneiss (S) with pervasive silicfication and common dissmeinated amphibole grains. Local AMP interval adjacent to massive quartz vein. Common fracturing with quartz-carbonate fill.	B52408	260.1	261.15	1.05	0.105	ACT_FAAA		
			B52409	261.15	262.15	1	0.036	ACT_FAAA		
262.15	**268.05**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B52410	262.15	263.15	1	0.02	ACT_FAAA		
		Diorite with common fractures; moderate foliation 55 dca and disseminated amphibole grains throughout. Local fault zone with minor gouge and breccia and locally more abundant amphibole.	B52411	263.15	264.15	1	0.173	ACT_FAAA		
			B52413	264.15	265.15	1	0.015	ACT_FAAA		
			B52414	265.15	266.15	1	0.012	ACT_FAAA		
			B52415	266.15	267.15	1	0.011	ACT_FAAA		
			B52416	267.15	268.05	0.9	0.006	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
268.05	**286.20**	**(DIO) Diorite, ( )**	B52417	268.05	269	0.95	0.01	ACT_FAAA		
Diorite with common cgr quartz eyes and mgr feldspar phenocrysts. Weak to moderate strain 60 dca and rare disseminated biotite along fabric. Logged by A. Nette to 274.3m.			B52419	269	270	1	0.013	ACT_FAAA		
			B52420	270	271	1	0.03	ACT_FAAA		
			B52421	271	272	1	0.012	ACT_FAAA		
			B52422	272	273	1	0.011	ACT_FAAA		
			B52423	273	274	1	0.005	ACT_FAAA		
			B52424	274	275	1	0.017	ACT_FAAA		
			B52425	275	276	1	0.011	ACT_FAAA		
			B52427	276	277	1	0.0025	ACT_FAAA		
			B52428	277	278	1	0.009	ACT_FAAA		
			B52429	278	279	1	0.01	ACT_FAAA		
			B52430	279	280	1	0.021	ACT_FAAA		
			B52431	280	281	1	0.011	ACT_FAAA		
			B52433	281	282	1	0.015	ACT_FAAA		
			B52434	282	283	1	0.007	ACT_FAAA		
			B52435	283	284	1	0.017	ACT_FAAA		
			B52436	284	285	1	0.007	ACT_FAAA		
			B52437	285	286.2	1.2	0.036	ACT_FAAA		
286.20	**287.60**	**(UMD) UM\LAMP Dike, ( )**	B52439	286.2	287.6	1.4	0.0025	ACT_FAAA		
Unit contains fault goug; abundant fractures; carbonate veins; and minor hematite staining.										
287.60	**313.60**	**(DIO) Diorite, ( )**	B52440	287.6	289	1.4	0.017	ACT_FAAA		
Unit composed of coarse grained quartz-feldspar phenocrysts within a medium grained felsic matrix. Unit cntains 2-3% coarse grained quartz eyes. Abundant quartz spider veinlets with potassic alteration halos.			B52441	289	290	1	0.008	ACT_FAAA		
			B52442	290	291	1	0.09	ACT_FAAA		
			B52443	291	292	1	0.0025	ACT_FAAA		
			B52444	292	293	1	0.0025	ACT_FAAA		
			B52445	293	294	1	0.039	ACT_FAAA		
			B52447	294	295	1	0.006	ACT_FAAA		
			B52448	295	296	1	0.011	ACT_FAAA		
			B52449	296	297	1	0.006	ACT_FAAA		
			B52450	297	298	1	0.033	ACT_FAAA		
			B52451	298	299	1	0.035	ACT_FAAA		
			B52453	299	300	1	0.0025	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52454	300	301	1	0.0025	ACT_FAAA		
			B52455	301	302	1	0.0025	ACT_FAAA		
			B52456	302	303	1	0.006	ACT_FAAA		
			B52457	303	304	1	0.0025	ACT_FAAA		
			B52459	304	305	1	0.0025	ACT_FAAA		
			B52460	305	306	1	0.008	ACT_FAAA		
			B52461	306	307	1	0.005	ACT_FAAA		
			B52462	307	308	1	0.006	ACT_FAAA		
			B52463	308	309	1	0.006	ACT_FAAA		
			B52464	309	310	1	0.0025	ACT_FAAA		
			B52465	310	311	1	0.0025	ACT_FAAA		
			B52467	311	312	1	0.013	ACT_FAAA		
			B52468	312	313	1	0.01	ACT_FAAA		
			B52469	313	313.6	0.6	0.006	ACT_FAAA		
313.60	**316.00**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B52470	313.6	315	1.4	0.005	ACT_FAAA		
Amphibole rich; intermediate intrusive rock. Localized 1-2 cm thick granitic pegmatites.			B52471	315	316	1	0.023	ACT_FAAA		
316.00	**324.40**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52473	316	317	1	0.052	ACT_FAAA		
Strongly deformed meta-conglomerate. Unit appears banded due to strong deformation of cm-scale clasts.			B52474	317	318	1	0.022	ACT_FAAA		
			B52475	318	319	1	0.078	ACT_FAAA		
			B52476	319	320	1	0.031	ACT_FAAA		
			B52477	320	321	1	0.02	ACT_FAAA		
			B52479	321	322	1	0.019	ACT_FAAA		
			B52480	322	323	1	0.038	ACT_FAAA		
			B52481	323	324.4	1.4	0.025	ACT_FAAA		
324.40	**339.60**	**(DIO) Diorite, ( )**	B52482	324.4	325	0.6	0.008	ACT_FAAA		
Unit composed of medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained felsic matrix. Diorite appear to be the same as the porphyrtic diorite above the overlaying FGC unit.			B52483	325	326	1	0.01	ACT_FAAA		
			B52484	326	327	1	0.011	ACT_FAAA		
			B52485	327	328	1	0.02	ACT_FAAA		
			B52487	328	329	1	0.007	ACT_FAAA		
			B52488	329	330	1	0.008	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52489	330	331	1	0.0025	ACT_FAAA		
			B52490	331	332	1	0.008	ACT_FAAA		
			B52491	332	333	1	0.006	ACT_FAAA		
			B52493	333	334	1	0.008	ACT_FAAA		
			B52494	334	335	1	0.0025	ACT_FAAA		
			B52495	335	336	1	0.009	ACT_FAAA		
			B52496	336	337	1	0.011	ACT_FAAA		
			B52497	337	338	1	0.011	ACT_FAAA		
			B52499	338	339	1	0.039	ACT_FAAA		
			B52500	339	339.6	0.6	0.005	ACT_FAAA		
339.60	**341.60**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52501	339.6	340.6	1	0.04	ACT_FAAA		
Highly strained meta-conglomerate. Unit appears banded due to strong deformation of cm scale clasts. Unit is more biotite rich compared to amphibole rich FGC earlier in the hole.			B52502	340.6	341.6	1	0.024	ACT_FAAA		
341.60	**342.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52503	341.6	342.6	1	0.022	ACT_FAAA		
Abundant biotite and amphibole crystals. Unit possible a biotite rich version of amphibole diorite.										
342.60	**347.90**	**(DIO) Diorite, ( )**	B52504	342.6	344	1.4	0.007	ACT_FAAA		
Unit composed of medium grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained felsic matrix.			B52505	344	345	1	0.018	ACT_FAAA		
			B52507	345	346	1	0.01	ACT_FAAA		
			B52508	346	347	1	0.008	ACT_FAAA		
			B52509	347	347.9	0.9	0.006	ACT_FAAA		
347.90	**348.80**	**(AMP) Amphibolite, ( )**	B52510	347.9	348.8	0.9	0.008	ACT_FAAA		
biotie replacing amphibole near unit margins.										
348.80	**351.40**	**(DIO) Diorite, ( )**	B52511	348.8	350	1.2	0.008	ACT_FAAA		
Unit composed of medium grained; subhedral quartz-feldspar phenocrysts within a fine-medium grained felsic matrix.			B52513	350	351.4	1.4	0.007	ACT_FAAA		
351.40	**353.60**	**(QFP) Quartz Feldspar Porphyry, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Unit composed of coarse grained; subhedral to euhedral; quartz-feldspat phenocrysts within a fine-medium grained felsic matrix.	B52514	351.4	352	0.6	0.009	ACT_FAAA		
			B52515	352	353	1	0.02	ACT_FAAA		
353.60	**355.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52517	353.6	355	1.4	0.012	ACT_FAAA		
		Unit composed of 1-2 cm thick bands of biotite felsic gneiss and felsic gneiss (S). Unit is possibly a selvage of FGC.								
355.00	**363.40**	**(DIO) Diorite, ( )**	B52519	355	356	1	0.012	ACT_FAAA		
		Unit composed of medium grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained felsic matrix.	B52520	356	357	1	0.01	ACT_FAAA		
			B52521	357	358	1	0.01	ACT_FAAA		
			B52522	358	359	1	0.01	ACT_FAAA		
			B52523	359	360	1	0.009	ACT_FAAA		
			B52524	360	361	1	0.013	ACT_FAAA		
			B52525	361	362	1	0.011	ACT_FAAA		
			B52527	362	363.4	1.4	0.006	ACT_FAAA		
363.40	**367.10**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	B52528	363.4	364	0.6	0.089	ACT_FAAA		
		1-2 cm thick bands of biotite crystals similar to FGC. Abundant coarse grained garnet porphyroblasts.	B52529	364	365	1	0.032	ACT_FAAA		
			B52530	365	366	1	0.025	ACT_FAAA		
			B52531	366	367.1	1.1	0.073	ACT_FAAA		
367.10	**379.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52533	367.1	368	0.9	0.01	ACT_FAAA		
		Localized 2-10 cm thick granitic pegmatites.	B52534	368	369	1	0.008	ACT_FAAA		
			B52535	369	370	1	0.009	ACT_FAAA		
			B52536	370	371	1	0.01	ACT_FAAA		
			B52537	371	372	1	0.01	ACT_FAAA		
			B52539	372	373	1	0.01	ACT_FAAA		
			B52540	373	374	1	0.017	ACT_FAAA		
			B52541	374	375	1	0.025	ACT_FAAA		
			B52542	375	376	1	0.023	ACT_FAAA		
			B52543	376	377	1	0.034	ACT_FAAA		
			B52544	377	378	1	0.044	ACT_FAAA		
			B52545	378	379	1	0.048	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52547	379	379.7	0.7	0.014	ACT_FAAA		
379.70	**381.10**	**(AMP) Amphibolite, ( )**	B52548	379.7	381.1	1.4	0.483	ACT_FAAA		
Localized sections of felsic gneiss (S).										
381.10	**384.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52549	381.1	382	0.9	0.018	ACT_FAAA		
			B52550	382	383	1	0.02	ACT_FAAA		
			B52551	383	384	1	0.022	ACT_FAAA		
			B52553	384	384.8	0.8	0.009	ACT_FAAA		
384.80	**386.00**	**(UMD) UM\LAMP Dike, ( )**	B52554	384.8	386	1.2	0.0025	ACT_FAAA		
20-30 cm thick chill margins at unit contacts. Abundant carbonate veinlets										
386.00	**443.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52555	386	387	1	0.006	ACT_FAAA		
Localized sections with varing grain size and foliation strength.			B52556	387	388	1	0.009	ACT_FAAA		
			B52557	388	389	1	0.012	ACT_FAAA		
			B52559	389	390	1	0.009	ACT_FAAA		
			B52560	390	391	1	0.01	ACT_FAAA		
			B52561	391	392	1	0.012	ACT_FAAA		
			B52562	392	393	1	0.013	ACT_FAAA		
			B52563	393	394	1	0.014	ACT_FAAA		
			B52564	394	395	1	0.014	ACT_FAAA		
			B52565	395	396	1	0.011	ACT_FAAA		
			B52567	396	397	1	0.013	ACT_FAAA		
			B52568	397	398	1	0.012	ACT_FAAA		
			B52569	398	399	1	0.011	ACT_FAAA		
			B52570	399	400	1	0.01	ACT_FAAA		
			B52571	400	401	1	0.008	ACT_FAAA		
			B52573	401	402	1	0.006	ACT_FAAA		
			B52574	402	403	1	0.005	ACT_FAAA		
			B52575	403	404	1	0.007	ACT_FAAA		
			B52576	404	405	1	0.006	ACT_FAAA		
			B52577	405	406	1	0.006	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52579	406	407	1	0.005	ACT_FAAA		
			B52580	407	408	1	0.0025	ACT_FAAA		
			B52581	408	409	1	0.005	ACT_FAAA		
			B52582	409	410	1	0.0025	ACT_FAAA		
			B52583	410	411	1	0.007	ACT_FAAA		
			B52584	411	412	1	0.007	ACT_FAAA		
			B52585	412	413	1	0.0025	ACT_FAAA		
			B52587	413	414	1	0.005	ACT_FAAA		
			B52588	414	415	1	0.0025	ACT_FAAA		
			B52589	415	416	1	0.0025	ACT_FAAA		
			B52590	416	417	1	0.0025	ACT_FAAA		
			B52591	417	418	1	0.0025	ACT_FAAA		
			B52593	418	419	1	0.0025	ACT_FAAA		
			B52594	419	420	1	0.0025	ACT_FAAA		
			B52595	420	421	1	0.0025	ACT_FAAA		
			B52596	421	422	1	0.0025	ACT_FAAA		
			B52597	422	423	1	0.0025	ACT_FAAA		
			B52599	423	424	1	0.0025	ACT_FAAA		
			B52600	424	425	1	0.005	ACT_FAAA		
			B52601	425	426	1	0.0025	ACT_FAAA		
			B52602	426	427	1	0.0025	ACT_FAAA		
			B52603	427	428	1	0.0025	ACT_FAAA		
			B52604	428	429	1	0.0025	ACT_FAAA		
			B52605	429	430	1	0.006	ACT_FAAA		
			B52607	430	431	1	0.01	ACT_FAAA		
			B52608	431	432	1	0.011	ACT_FAAA		
			B52609	432	433	1	0.008	ACT_FAAA		
			B52610	433	434	1	0.005	ACT_FAAA		
			B52611	434	435	1	0.005	ACT_FAAA		
			B52613	435	436	1	0.006	ACT_FAAA		
			B52614	436	437	1	0.0025	ACT_FAAA		
			B52615	437	438	1	0.0025	ACT_FAAA		
			B52616	438	439	1	0.0025	ACT_FAAA		
			B52617	439	440	1	0.0025	ACT_FAAA		
			B52619	440	441	1	0.0025	ACT_FAAA		
			B52620	441	442	1	0.0025	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52621	442	443	1	0.006	ACT_FAAA		
			B52622	443	443.8	0.8	0.005	ACT_FAAA		
443.80	**444.60**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B52623	443.8	444.6	0.8	0.0025	ACT_FAAA		
444.60	**454.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52624	444.6	446	1.4	0.0025	ACT_FAAA		
Localized sections with varying grain size.			B52625	446	447	1	0.007	ACT_FAAA		
			B52627	447	448	1	0.009	ACT_FAAA		
			B52628	448	449	1	0.012	ACT_FAAA		
			B52629	449	450	1	0.006	ACT_FAAA		
			B52630	450	451	1	0.006	ACT_FAAA		
			B52631	451	452	1	0.005	ACT_FAAA		
			B52633	452	453	1	0.007	ACT_FAAA		
			B52634	453	454.4	1.4	0.005	ACT_FAAA		
454.40	**455.60**	**(AMP) Amphibolite, ( )**	B52635	454.4	455.6	1.2	0.005	ACT_FAAA		
Intermediate unit; amphibole rich felsic gneiss.										
455.60	**503.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52636	455.6	457	1.4	0.0025	ACT_FAAA		
Localized sections with varying grain size and foliation strength.			B52637	457	458	1	0.0025	ACT_FAAA		
			B52639	458	459	1	0.005	ACT_FAAA		
			B52640	459	460	1	0.012	ACT_FAAA		
			B52641	460	461	1	0.008	ACT_FAAA		
			B52642	461	462	1	0.008	ACT_FAAA		
			B52643	462	463	1	0.0025	ACT_FAAA		
			B52644	463	464	1	0.0025	ACT_FAAA		
			B52645	464	465	1	0.0025	ACT_FAAA		
			B52647	465	466	1	0.006	ACT_FAAA		
			B52648	466	467	1	0.005	ACT_FAAA		
			B52649	467	468	1	0.005	ACT_FAAA		
			B52650	468	469	1	0.005	ACT_FAAA		
			B52651	469	470	1	0.006	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52653	470	471	1	0.005	ACT_FAAA		
			B52654	471	472	1	0.006	ACT_FAAA		
			B52655	472	473	1	0.005	ACT_FAAA		
			B52656	473	474	1	0.005	ACT_FAAA		
			B52657	474	475	1	0.0025	ACT_FAAA		
			B52659	475	476	1	0.006	ACT_FAAA		
			B52660	476	477	1	0.005	ACT_FAAA		
			B52661	477	478	1	0.006	ACT_FAAA		
			B52662	478	479	1	0.008	ACT_FAAA		
			B52663	479	480	1	0.008	ACT_FAAA		
			B52664	480	481	1	0.009	ACT_FAAA		
			B52665	481	482	1	0.007	ACT_FAAA		
			B52667	482	483	1	0.009	ACT_FAAA		
			B52668	483	484	1	0.006	ACT_FAAA		
			B52669	484	485	1	0.006	ACT_FAAA		
			B52670	485	486	1	0.0025	ACT_FAAA		
			B52671	486	487	1	0.005	ACT_FAAA		
			B52673	487	488	1	0.0025	ACT_FAAA		
			B52674	488	489	1	0.0025	ACT_FAAA		
			B52675	489	490	1	0.005	ACT_FAAA		
			B52676	490	491	1	0.005	ACT_FAAA		
			B52677	491	492	1	0.005	ACT_FAAA		
			B52679	492	493	1	0.0025	ACT_FAAA		
			B52680	493	494	1	0.006	ACT_FAAA		
			B52681	494	495	1	0.005	ACT_FAAA		
			B52682	495	496	1	0.006	ACT_FAAA		
			B52683	496	497	1	0.006	ACT_FAAA		
			B52684	497	498	1	0.0025	ACT_FAAA		
			B52685	498	499	1	0.005	ACT_FAAA		
			B52687	499	500	1	0.005	ACT_FAAA		
			B52688	500	501	1	0.006	ACT_FAAA		
			B52689	501	502	1	0.005	ACT_FAAA		
			B52690	502	503.5	1.5	0.006	ACT_FAAA		
503.50	**519.20**	**(DIA) Diabase Dike, ( )**	B52691	503.5	505	1.5	0.006	ACT_FAAA		
		Magnetic diabase dike.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52693	505	506	1	0.0025	ACT_FAAA		Buffer into dike.
			B52694	517	518	1	0.0025	ACT_FAAA		Buffer out of dike
			B52695	518	519.2	1.2	0.0025	ACT_FAAA		
519.20	**520.90**	**(AMP) Amphibolite, ( )**	B52696	519.2	520	0.8	0.009	ACT_FAAA		
Localized sections of felsic gneiss (S).			B52697	520	520.9	0.9	0.047	ACT_FAAA		
520.90	**522.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B52699	520.9	522.4	1.5	0.005	ACT_FAAA		
522.40	**523.70**	**(FGS, DIO) Felsic Gneiss Sedimentary, Diorite, ( )**	B52700	522.4	523.7	1.3	0.007	ACT_FAAA		
Intermixed sections of diortie and amphibolite.										
523.70	**528.20**	**(DIO) Diorite, ( )**	B52701	523.7	525	1.3	0.019	ACT_FAAA		
Unit composed of medium grained; subhedral to euhedral; quartz-feldspar phenocrysts within a fine grained felsic matrix.			B52702	525	526	1	0.026	ACT_FAAA		
			B52703	526	527	1	0.007	ACT_FAAA		
			B52704	527	528.2	1.2	0.008	ACT_FAAA		
528.20	**530.70**	**(DIA) Diabase Dike, ( )**	B52705	528.2	529	0.8	0.005	ACT_FAAA		
			B52707	529	530	1	0.005	ACT_FAAA		
			B52708	530	530.7	0.7	0.007	ACT_FAAA		
530.70	**582.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52709	530.7	532	1.3	0.007	ACT_FAAA		
Unit is possibly a foliated diorite.			B52710	532	533	1	0.007	ACT_FAAA		
			B52711	533	534	1	0.008	ACT_FAAA		
			B52713	534	535	1	0.007	ACT_FAAA		
			B52714	535	536	1	0.009	ACT_FAAA		
			B52715	536	537	1	0.008	ACT_FAAA		
			B52716	537	538	1	0.006	ACT_FAAA		
			B52717	538	539	1	0.0025	ACT_FAAA		
			B52719	539	540	1	0.0025	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52720	540	541	1	0.0025	ACT_FAAA		
			B52721	541	542	1	0.005	ACT_FAAA		
			B52722	542	543	1	0.0025	ACT_FAAA		
			B52723	543	544	1	0.008	ACT_FAAA		
			B52724	544	545	1	0.006	ACT_FAAA		
			B52725	545	546	1	0.0025	ACT_FAAA		
			B52727	546	547	1	0.0025	ACT_FAAA		
			B52728	547	548	1	0.0025	ACT_FAAA		
			B52729	548	549	1	0.0025	ACT_FAAA		
			B52730	549	550.2	1.2	0.0025	ACT_FAAA		
			B52731	550.2	551	0.8	0.017	ACT_FAAA		
			B52733	551	552	1	0.0025	ACT_FAAA		
			B52734	552	553	1	0.0025	ACT_FAAA		
			B52735	553	554	1	0.0025	ACT_FAAA		
			B52736	554	555	1	0.0025	ACT_FAAA		
			B52737	555	556	1	0.0025	ACT_FAAA		
			B52739	556	557	1	0.0025	ACT_FAAA		
			B52740	557	558	1	0.0025	ACT_FAAA		
			B52741	558	559	1	0.008	ACT_FAAA		
			B52742	559	560	1	0.006	ACT_FAAA		
			B52743	560	561	1	0.0025	ACT_FAAA		
			B52744	561	562	1	0.0025	ACT_FAAA		
			B52745	562	563	1	0.0025	ACT_FAAA		
			B52747	563	564	1	0.0025	ACT_FAAA		
			B52748	564	565	1	0.0025	ACT_FAAA		
			B52749	565	566	1	0.008	ACT_FAAA		
			B52750	566	567	1	0.0025	ACT_FAAA		
			B52751	567	568	1	0.0025	ACT_FAAA		
			B52753	568	569	1	0.0025	ACT_FAAA		
			B52754	569	570	1	0.0025	ACT_FAAA		
			B52755	570	571	1	0.0025	ACT_FAAA		
			B52756	571	572	1	0.0025	ACT_FAAA		
			B52757	572	573	1	0.0025	ACT_FAAA		
			B52759	573	574	1	0.0025	ACT_FAAA		
			B52760	574	575	1	0.0025	ACT_FAAA		
			B52761	575	576	1	0.0025	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52762	576	577	1	0.006	ACT_FAAA		
			B52763	577	578	1	0.011	ACT_FAAA		
			B52764	578	579	1	0.0025	ACT_FAAA		
			B52765	579	580	1	0.0025	ACT_FAAA		
			B52767	580	581	1	0.0025	ACT_FAAA		
			B52768	581	582	1	0.0025	ACT_FAAA		
			B52769	582	582.5	0.5	0.005	ACT_FAAA		
582.50	**589.30**	**(DIO) Diorite, ( )**	B52770	582.5	583.2	0.7	0.0025	ACT_FAAA		
			B52771	583.2	584	0.8	0.005	ACT_FAAA		
			B52773	584	585	1	0.009	ACT_FAAA		
			B52774	585	586.3	1.3	0.0025	ACT_FAAA		
			B52775	586.3	587	0.7	0.0025	ACT_FAAA		
			B52776	587	588	1	0.005	ACT_FAAA		
			B52777	588	589.3	1.3	0.0025	ACT_FAAA		
589.30	**599.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52779	589.3	590.6	1.3	0.009	ACT_FAAA		
Unit cut by several 1-10 cm-scale clots of granitic pegmatite. Localized sulfides are associated with crystals of biotite.			B52780	590.6	591.3	0.7	0.017	ACT_FAAA		
			B52781	591.3	591.9	0.6	0.0025	ACT_FAAA		
			B52782	591.9	593	1.1	0.013	ACT_FAAA		
			B52783	593	594	1	0.021	ACT_FAAA		
			B52784	594	595	1	0.014	ACT_FAAA		
			B52785	595	596	1	0.021	ACT_FAAA		
			B52787	596	597	1	0.05	ACT_FAAA		
			B52788	597	598	1	0.015	ACT_FAAA		
			B52789	598	599.3	1.3	0.01	ACT_FAAA		
599.30	**601.20**	**(AMP) Amphibolite, ( )**	B52790	599.3	600	0.7	0.021	ACT_FAAA		
Localized section with increased felsics in the matrix. Amphibolite interlayer in a thick sequence of felsic gneiss s.			B52791	600	601.2	1.2	0.011	ACT_FAAA		
601.20	**607.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52793	601.2	602	0.8	0.015	ACT_FAAA		
Graditional upper contact with amphibolite interlayer. Sulfides are associated with crystals of biotite and amphibole; quartz clots and pegmatites.			B52794	602	603	1	0.005	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52795	603	604	1	0.036	ACT_FAAA		
			B52796	604	605	1	0.16	ACT_FAAA		
			B52797	605	606	1	0.023	ACT_FAAA		
			B52799	606	607.3	1.3	0.008	ACT_FAAA		
607.30	**624.10**	**(DIO, FGS) Diorite, Felsic Gneiss Sedimentary, ( )**	B52800	607.3	608	0.7	0.0025	ACT_FAAA		
Intermixe cm-scale sections of felsic gneiss s. Sulfides associated with crystals of biotite; felsic gneiss sections and quartz clots.			B52801	608	609	1	0.0025	ACT_FAAA		
			B52802	609	610	1	0.009	ACT_FAAA		
			B52803	610	611	1	0.01	ACT_FAAA		
			B52804	611	612	1	0.005	ACT_FAAA		
			B52805	612	613	1	0.009	ACT_FAAA		
			B52807	613	614	1	0.014	ACT_FAAA		
			B52808	614	615	1	0.01	ACT_FAAA		
			B52809	615	616	1	0.006	ACT_FAAA		
			B52810	616	617	1	0.011	ACT_FAAA		
			B52811	617	618	1	0.0025	ACT_FAAA		
			B52813	618	619	1	0.0025	ACT_FAAA		
			B52814	619	620	1	0.0025	ACT_FAAA		
			B52815	620	621	1	0.01	ACT_FAAA		
			B52816	621	622	1	0.012	ACT_FAAA		
			B52817	622	623	1	0.011	ACT_FAAA		
			B52819	623	624.1	1.1	0.012	ACT_FAAA		
624.10	**631.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52820	624.1	625	0.9	0.0025	ACT_FAAA		
Localized sections of pervasive potassic alteration; towards the lower contact. Alteration obscures the graditional contact to the downhole felsic gneiss that has increased amphibole and biotite.			B52821	625	626	1	0.0025	ACT_FAAA		
			B52822	626	627	1	0.0025	ACT_FAAA		
			B52823	627	628	1	0.0025	ACT_FAAA		
			B52824	628	629	1	0.011	ACT_FAAA		
			B52825	629	630	1	0.0025	ACT_FAAA		
			B52827	630	631.5	1.5	0.0025	ACT_FAAA		
631.50	**638.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52828	631.5	633	1.5	0.014	ACT_FAAA		
Intermixed section amphibolite sections. Intermittent 1-2 cm-scale biotite rich bands of biotite and quartz rich to silicified matrix giving the unit a banded appearance. Sulfides when			B52829	633	634.4	1.4	0.013	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		present are most often associated with the bands of biotite or with crystals of biotite within the matrix of the remainder of the unit.	B52830	634.4	634.9	0.5	0.014	ACT_FAAA		
			B52831	634.9	636	1.1	0.015	ACT_FAAA		
			B52833	636	637	1	0.012	ACT_FAAA		
			B52834	637	638.1	1.1	0.012	ACT_FAAA		
638.10	**641.30**	**(AMP) Amphibolite, ( )**	B52835	638.1	639.1	1	0.011	ACT_FAAA		
		A strongly foliated fg amphiolite. Very heterogeneous with an almost banded appearance in sections. Has a small number of felsic rich bands generally <2cm wide. These bands are irregular and tend to deform foliation (boudined?). The banding nature is defined by changes in mineralogy. Non magnetic. Varibable biotite is present and changes in concentrations also help defined the banded appearance. Chlorite is present and rare epidote occurs. Contacts are sharp	B52836	639.1	640.1	1	0.018	ACT_FAAA		
			B52837	640.1	641.3	1.2	0.015	ACT_FAAA		
641.30	**644.95**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52839	641.3	642	0.7	0.012	ACT_FAAA		
		A very "dirty" irregular section of FGS. Has several dioritic sections intermixed. Mineralogy is variable and hcauses a sliht banded appearance due to differences in biotite concentrations. Rare thin quartz veins occur and are generally boudined and folded. A small band of biotite rich amphioblite with garnets occurs at 544.3-644.5m with very irregular contacts. Lower contact is sharp but irregular.	B52840	642	643	1	0.017	ACT_FAAA		
			B52841	643	644	1	0.015	ACT_FAAA		
			B52842	644	644.95	0.95	0.035	ACT_FAAA		
644.95	**645.90**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B52843	644.95	645.9	0.95	0.018	ACT_FAAA		
		An irregular section of conglomerate. Has a very small number of larger felsic clasts (2-3%) up to 6cm in the largest dimension set in a hornblende bearing quartz matrix. Clast terminations are visble but is generally clast poor resulting in a look of hornblende bearing FGS. The foliation is weak and generally deformed by the clasts. Non-magnetic. Lower contact is hidden within an intruding dyke (contact with the dyke is sharp).								
645.90	**646.60**	**(UMD) UM\LAMP Dike, ( )**	B52844	645.9	646.6	0.7	0.006	ACT_FAAA		
		A small UMD with 3-5% fg xenoliths set in a finer grained matrix. Both felsic and mafic xenoliths are present. Contacts are sharp and generally lack a chill margin.								
646.60	**648.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52845	646.6	647.3	0.7	0.008	ACT_FAAA		
		Another section of "dirty	B52847	647.3	648.15	0.85	0.021	ACT_FAAA		
648.15	**649.40**	**(DIO) Diorite, ( )**	B52848	648.15	649.4	1.25	0.009	ACT_FAAA		
		Similar mineralogically to the previous unit but has a clear dioritic fabric. The fabric and grain boundaries are not well defined (not intrusive). Has a weak to moderate foliation throughout.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Generally fg with 5-15% coarser grained quartz. Quartz dominant. Contacts are sharp.										
649.40	**651.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52849	649.4	650.5	1.1	0.007	ACT_FAAA		
A lighter grey section of FGS. Has sericite alteration throughout as thin haloes. A weak to moderate foliation is still present throughout. Still has small patches with a very weak dioritic fabric. The largest difference from the surrounding units is this unit has a lower biotite concentration. Has rare thin amphibolite bands intermixed in the last 50cm. Lower contact is gradational over 10cm.			B52850	650.5	651.8	1.3	0.013	ACT_FAAA		
651.80	**657.10**	**(DIO) Diorite, ( )**	B52851	651.8	653	1.2	0.006	ACT_FAAA		
Same unit as 648.15-649.4m. The dioritic fabric and grain boundaries are not well defined (not intrusive). Has a weak to moderate foliation throughout. Generally fg with 5-15% coarser grained quartz. Quartz dominant. Has a relatively high biotite concentration at 10-15%. Trace pyrite is present but is spatially associated with biotite grains where present. Lower contact is gradational over 20cm.			B52853	653	654	1	0.012	ACT_FAAA		
			B52854	654	655	1	0.012	ACT_FAAA		
			B52855	655	656	1	0.014	ACT_FAAA		
			B52856	656	657.1	1.1	0.011	ACT_FAAA		
657.10	**662.35**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52857	657.1	658.2	1.1	0.008	ACT_FAAA		
A lighter grey section of FGS. Has 1-2% mg quartz eyes throughout. A faint dioritic fabric is present in patches. Has a more clotty apperance due to clustering of biotite and in places appears weakly banded. Very heterogeneous. Rare mafic inclusions up to 2cm wide are present (stretched along foliation). Trace pyrite is present and is spatially associated with biotite. Lower contact is sharp but irregular.			B52859	658.2	659.2	1	0.01	ACT_FAAA		
			B52860	659.2	660.2	1	0.008	ACT_FAAA		
			B52861	660.2	661.25	1.05	0.008	ACT_FAAA		
			B52862	661.25	662.35	1.1	0.01	ACT_FAAA		
662.35	**666.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52863	662.35	663.5	1.15	0.015	ACT_FAAA		
Different then the previous unit. A much more heterogeneous; "dirty			B52864	663.5	664.5	1	0.048	ACT_FAAA		
			B52865	664.5	665.6	1.1	0.187	ACT_FAAA		
			B52867	665.6	666.9	1.3	0.214	ACT_FAAA		
666.90	**668.20**	**(AMP) Amphibolite, ( )**	B52868	666.9	668.2	1.3	0.4	ACT_FAAA		
A hetergeneous section of amphibolite. Has a high concentration of amphiboles and has biotite throughout. Rare boudined quartz veins and felsic inclusions occur. Patchy magnetiism is assoicated with patchy pyrrhotite mineralizaiton. There is a 2cm band of semi-massive pyrite and pyrrhotite at the upper contact. Lower contact is sharp but also has a spike in sulphides proximal to the lower contact (in relation to a decrease in amphibole and increase in biotite).											

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
668.20	**672.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52869	668.2	669.5	1.3	0.11	ACT_FAAA		
Another "dirty			B52870	669.5	670.5	1	0.036	ACT_FAAA		
			B52871	670.5	671.5	1	0.122	ACT_FAAA		
			B52873	671.5	672.5	1	0.039	ACT_FAAA		
672.50	**673.65**	**(DIO) Diorite, ( )**	B52874	672.5	673.65	1.15	0.039	ACT_FAAA		
A diorite similar to unit at 651.8-657.1m. Similar mineralogically to the previous FGS unit but has a dioritic fabric. The dioritic fabric and grain boundaries are not well defined (not intrusive). Has a weak to moderate foliation throughout. Generally fg with 5-10% coarser grained quartz. Quartz dominant. Has a relatively high biotite concentration at 10-15%. Trace pyrite is present but is spatially associated with biotite grains where present. Lower contact is sharp.										
673.65	**676.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52875	673.65	674.6	0.95	0.048	ACT_FAAA		
Back into the heterogeneous; "dirty" FGS. Has 1-2% leucosomatic bands towards the lower contact. These leucosomatic bands have clotty mafics associated with them. THey have irregular contacts. Quartz dominant with rare mafic inclusions (<1cm). Has a moderate foliation. Biotite occurs throughout. Has a slightly darker grey colouring. Lower contact is sharp.			B52876	674.6	675.6	1	0.033	ACT_FAAA		
			B52877	675.6	676.6	1	0.027	ACT_FAAA		
676.60	**686.55**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52879	676.6	678	1.4	0.048	ACT_FAAA		
A very heterogeneous section of FGS. Has a banded/clotty apperance due to several alternating leucosomatic bands/sections with clotty mafics.These bands make up 15-20% of the unit and are on a cm scale. These possibly represent partial melts? There are large sections that have stronger alteration (mainly sericite and hematite) sporadically throughout. Patchy pyrite is associated with these altered sections. A moderate to strong foliation is present throughout. The lower contact is gradational over 10cm.			B52880	678	679.15	1.15	0.128	ACT_FAAA		
			B52881	679.15	680	0.85	0.05	ACT_FAAA		
			B52882	680	681	1	0.049	ACT_FAAA		
			B52883	681	682	1	0.096	ACT_FAAA		
			B52884	682	683	1	0.194	ACT_FAAA		
			B52885	683	684	1	0.06	ACT_FAAA		
			B52887	684	685.5	1.5	0.407	ACT_FAAA		
			B52888	685.5	686.55	1.05	0.007	ACT_FAAA		
686.55	**692.95**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52889	686.55	687.5	0.95	0.011	ACT_FAAA		
Differs from the previous FGS. Looses the banded appearance and clotty appearance with only sporadic (1-2%) of the leucosomatic bands with clotty mafics. Has 3-5% coarser grained quartz eyes throughout. Quartz rich with minor biotite and feldspars. Has heavy alteration related to fracturing and becomes stronger proximal to the lower contact with the dyke. Very minor pyrite is present. Lower contact is sharp.			B52890	687.5	688.5	1	0.01	ACT_FAAA		
			B52891	688.5	689.5	1	0.0025	ACT_FAAA		
			B52893	689.5	690.5	1	0.007	ACT_FAAA		
			B52894	690.5	691.5	1	0.0025	ACT_FAAA		
			B52895	691.5	692.95	1.45	0.006	ACT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
692.95	**694.65**	**(UMD) UM\LAMP Dike, ( )** A large UM dyke. Has 5-10% f-mg mafic and felsic xenoliths throughout. Strongly magnetic due to magnetite mineralization. Has a pale green colouring due to chlorite and lesser sericite alteration. Has sharp contacts with a small fault at the lower contact. Causes a large alteration halo in the surroudning FGS unit.	B52896	692.95	693.85	0.9	0.006	ACT_FAAA		
			B52897	693.85	694.65	0.8	0.006	ACT_FAAA		
694.65	**695.80**	**(DIO) Diorite, ( )** A heavily altered section of fg diorite. Has a fairly uniform grain size with rare coarser grained quartz present. Has a weak to moderate foliation present. Possibly similar and recrystallization or accenuation of the grain fabric occured due to the intense alteration. Has small stringers of UM dyke at 695.25-695.7m. Lower contact is very irregular.	B52899	694.65	695.8	1.15	0.009	ACT_FAAA		
695.80	**696.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuation of the unit at 686.55-692.95m. Has 3-5% coarser grained quartz eyes throughout. Quartz rich with minor biotite and feldspars. Very minor pyrite is present. Lower contact is sharp.	B52900	695.8	696.5	0.7	0.012	ACT_FAAA		
696.50	**697.70**	**(QFP) Quartz Feldspar Porphyry, ( )** A typical QFP dyke. Has 3-5% coarse grained quartz porphyroclasts set in a biotite rich matrix. Has a weak to moderate foliation throughout. Has a sharp contact.	B52901	696.5	697.7	1.2	0.006	ACT_FAAA		
697.70	**702.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Similar to 686.55-692.95m. Has 3% mg quartz eyes throughout. A moderate foliation is present. Several sections are heavily altered due to abundance of fractures and alteration haloes. Quartz rich with minor biotite and feldspars. Has a section of banded FGS with leucosomatic bands at 701.25-701.7m. Lower contact is gradational over 20cm.	B52902	697.7	699	1.3	0.009	ACT_FAAA		
			B52903	699	700	1	0.008	ACT_FAAA		
			B52904	700	701	1	0.0025	ACC_FAAA		
			B52905	701	702	1	0.008	ACC_FAAA		
			B52907	702	702.85	0.85	0.01	ACC_FAAA		
702.85	**704.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** A section of banded biotite rich FGS. Has alternating leucosomatic bands with clotty biotite that comprise 5-15% of the unit. These bands follow the moderate to strong foliation. Similar to the unit at 676.6-686.55m.	B52908	702.85	704.3	1.45	0.017	ACC_FAAA		
704.30	**709.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** A moderately foliated; mg; FGS. Has biotite clustered along common foliation planes giving rise to a very weak banded appearance. Has rare mafic inclusions stetched along folition	B52909	704.3	705.5	1.2	0.0025	ACC_FAAA		
			B52910	705.5	706.5	1	0.0025	ACC_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		planes. Quartz dominant. Some moderately altered sections occur associated with fracturing.	B52911	706.5	707.5	1	0.0025	ACC_FAAA		
			B52913	707.5	708.5	1	0.0025	ACC_FAAA		
			B52914	708.5	709.75	1.25	0.0025	ACC_FAAA		
709.75	**711.35**	**(AMP) Amphibolite, ( )**	B52915	709.75	710.6	0.85	0.0025	ACC_FAAA		
		Amphibolite with minor biotite throughout. Massive and with trace qtz-carb veining/stringers with associated reibekite alt. Minor phenocrysts? almost a hornblend rich diorite but lacking major textural classificiation. Weak potassic alt throughout.	B52916	710.6	711.35	0.75	0.013	ACC_FAAA		
711.35	**715.00**	**(DIO, FGS) Diorite, Felsic Gneiss Sedimentary, ( )**	B52917	711.35	711.92	0.57	0.005	ACC_FAAA		
		Diorite with intermixed FGS (?). Massive. Minor local pegmatites throughout: 714.46-714.52m. UMD close to upper contact at 711.73-711.85m with associated epidote alteration. Moderate-strong hematite; potassic and local reibekite alteration from 711.35-711.92m (due to UMD?). Trace qtz-carb stringers.	B52919	711.92	712.9	0.98	0.009	ACC_FAAA		
			B52920	712.9	714	1.1	0.0025	ACC_FAAA		
			B52921	714	715	1	0.0025	ACC_FAAA		
715.00	**715.82**	**(AMP) Amphibolite, ( )**	B52922	715	715.82	0.82	0.0025	ACC_FAAA		
		Amphibolite with minor biotite throughout. Minor phenocrysts? almost a hornblend rich diorite but lacking major textural classificiation. Weak potassic alt throughout. Trace qtz-carb stringers.								
715.82	**731.65**	**(DIO, PEG) Diorite, Pegmatite, ( )**	B52923	715.82	717	1.18	0.0025	ACC_FAAA		
		Diorite with intermixed FGS (?). Massive with local pegmatites throughout and mod-strong patchy potassic and hematitic alt. Minor amphibolite from 717.06-717.28m; 726.65-727.1m.	B52924	717	718	1	0.0025	ACC_FAAA		
			B52925	718	719	1	0.0025	ACC_FAAA		
			B52927	719	720	1	0.0025	ACC_FAAA		
			B52928	720	721.05	1.05	0.0025	ACC_FAAA		
			B52929	721.05	722	0.95	0.0025	ACC_FAAA		
			B52930	722	723	1	0.0025	ACC_FAAA		
			B52931	723	724.05	1.05	0.0025	ACC_FAAA		
			B52933	724.05	725.1	1.05	0.0025	ACC_FAAA		
			B52934	725.1	726.3	1.2	0.0025	ACC_FAAA		
			B52935	726.3	727.1	0.8	0.0025	ACC_FAAA		
			B52936	727.1	728	0.9	0.0025	ACC_FAAA		
			B52937	728	729	1	0.006	ACC_FAAA		
			B52939	729	729.9	0.9	0.007	ACC_FAAA		
			B52940	729.9	730.9	1	0.0025	ACC_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B52941	730.9	731.65	0.75	0.0025	ACC_FAAA		
731.65	**749.76**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**	B52942	731.65	732.75	1.1	0.0025	ACC_FAAA		
FGS with local pegmatites throughout and mod-strong patchy potassic and hematitic alt. Minor amphibolite from 748.9-749.53m. Main qtz-pegmatites from 737.43-737.38m and 739.38-739.5m.			B52943	732.75	734	1.25	0.0025	ACC_FAAA		
			B52944	734	735	1	0.0025	ACC_FAAA		
			B52945	735	736.05	1.05	0.0025	ACC_FAAA		
			B52947	736.05	737.05	1	0.0025	ACC_FAAA		
			B52948	737.05	737.78	0.73	0.0025	ACC_FAAA		
			B52949	737.78	739	1.22	0.0025	ACC_FAAA		
			B52950	739	740	1	0.0025	ACC_FAAA		
			B52951	740	741	1	0.0025	ACC_FAAA		
			B52953	741	742	1	0.0025	ACC_FAAA		
			B52954	742	743	1	0.0025	ACC_FAAA		
			B52955	743	744	1	0.0025	ACC_FAAA		
			B52956	744	745	1	0.0025	ACC_FAAA		
			B52957	745	746	1	0.0025	ACC_FAAA		
			B52959	746	747	1	0.0025	ACC_FAAA		
			B52960	747	748	1	0.0025	ACC_FAAA		
			B52961	748	748.9	0.9	0.0025	ACC_FAAA		
			B52962	748.9	749.76	0.86	0.0025	ACC_FAAA		
749.76	**780.65**	**(DIA) Diabase Dike, ( )**	B52963	749.76	750.65	0.89	0.0025	ACC_FAAA		
Massive diabase dike with xenoliths throughout cm's in size (sericite altered feldspars). Minor biotite throughout (up to 2%). Upper contact is rich in qtz-carb veinlets and stringers and has FGS with associated breccia and mod-strong hematite/potassic alt from 750.65-751.8m; main breccia is at 750.97-751.15m. Almost texturally like a UMD; but feldspars are lath-like and massive. Lost core at 759-762m; had to ream through it.			B52964	750.65	751.8	1.15	0.0025	ACC_FAAA		
780.65	**783.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B52965	780.65	781.8	1.15	0.0025	ACC_FAAA		
Felsic Gneiss (S) with strong potassic alteration and at upper contact moderate serpentinization/chl alt (associated with Diabase contact). 0.5% qtz-carb stringers throughout.			B52967	781.8	783	1.2	0.0025	ACC_FAAA		
783.00	**784.17**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite**	B52968	783	784.17	1.17	0.0025	ACC_FAAA		
Ultramafic amphibolite with weak reibekite alteration and elongated biotite crystals. Sharp contacts.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
784.17	**785.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic Gneiss (S) with moderate-strong potassic alteration. 0.5% qtz-carb stringers. Minor pegmatitic bands/partial melts throughout.	B52969	784.17	785	0.83	0.008	ACC_FAAA		
785.00	**785.70**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** Ultramafic amphibolite with elongated biotite crystals. Trace qtz-carb stringers.	B52970	785	785.7	0.7	0.0025	ACC_FAAA		
785.70	**804.85**	**(FGS, DIO) Felsic Gneiss Sedimentary, Diorite, ( )** Felsic Gneiss (S) with intermixed bands/patches of diorite. Minor pegmatite bands throughout (~2%). Patchy mod-strong potassic alteration. Local hematite alteration in patches. Main pegmatites at: 790-790.05m; 795.2-795.35m; 804.1-804.8m. 1% qtz-carb stringers throughout.	B52971	785.7	786.8	1.1	0.012	ACC_FAAA		
			B52973	786.8	787.75	0.95	0.0025	ACC_FAAA		
			B52974	787.75	789	1.25	0.0025	ACC_FAAA		
			B52975	789	790	1	0.0025	ACC_FAAA		
			B52976	790	791	1	0.0025	ACC_FAAA		
			B52977	791	792	1	0.0025	ACC_FAAA		
			B52979	792	793	1	0.0025	ACC_FAAA		
			B52980	793	793.95	0.95	0.0025	ACC_FAAA		
			B52981	793.95	795	1.05	0.0025	ACC_FAAA		
			B52982	795	795.92	0.92	0.127	ACC_FAAA		
			B52983	795.92	796.95	1.03	0.073	ACC_FAAA		
			B52984	796.95	798	1.05	0.0025	ACC_FAAA		
			B52985	798	799	1	0.0025	ACC_FAAA		
			B52987	799	800	1	0.0025	ACC_FAAA		
			B52988	800	801	1	0.0025	ACC_FAAA		
			B52989	801	802	1	0.0025	ACC_FAAA		
			B52990	802	802.93	0.93	0.0025	ACC_FAAA		
			B52991	802.93	804	1.07	0.0025	ACC_FAAA		
			B52993	804	804.85	0.85	0.005	ACC_FAAA		
804.85	**811.70**	**(DIO) Diorite, ( )** Diorite with moderate potassic alteration throughout. Trace-0.5% qtz-carb stringers. Massive; possibly just a massive FGS? Phenocrysts mm in size. Pegmatite from 808.25-808.3m. Minor fault splays from 809.7-809.75m.	B52994	804.85	806	1.15	0.0025	ACC_FAAA		
			B52995	806	807	1	0.006	ACC_FAAA		
			B52996	807	808.05	1.05	0.0025	ACC_FAAA		
			B52997	808.05	808.95	0.9	0.0025	ACC_FAAA		
			B52999	808.95	810	1.05	0.0025	ACC_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B53000	810	810.95	0.95	0.006	ACC_FAAA		
			B53001	810.95	811.7	0.75	0.013	ACC_FAAA		
811.70	**817.10**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B53002	811.7	812.82	1.12	0.007	ACC_FAAA		
Amphibole-rich Diorite with mm phenocrysts of qtz-feldspar. Trace qtz-carb stringers. Local patches of potassic alteration. Qtz-pegmatite from 815.75-816.15m. Disseminated py throughout and localy in bands following foliation.			B53003	812.82	814	1.18	0.02	ACC_FAAA		
			B53004	814	815	1	0.013	ACC_FAAA		
			B53005	815	815.95	0.95	0.009	ACC_FAAA		
			B53007	815.95	817.1	1.15	0.011	ACC_FAAA		
817.10	**821.23**	**(FGS, DIO) Felsic Gneiss Sedimentary, Diorite, ( )**	B53008	817.1	818	0.9	0.006	ACC_FAAA		
Felsic Gneiss (S) with minor intermixed diorite. Faint cm qtz-eyes throughout. local patchy weak-mod potassic alteration. Upper contact is amphibolite with a weak chl alteration from 817.1-817.55m. Quartz-rich pegmatite from 818-818.37m and 818.62-818.74m. Very minor bands of amphibolite towards lower contact up to 5cm in size.			B53009	818	818.74	0.74	0.0025	ACC_FAAA		
			B53010	818.74	819.8	1.06	0.007	ACC_FAAA		
			B53011	819.8	821.23	1.43	0.008	ACC_FAAA		
821.23	**825.05**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B53013	821.23	822	0.77	0.012	ACC_FAAA		
Amphibole-rich Diorite with mm qtz-feldspar phenocrysts throughout. Trace qtz-carb stringers. Disseminated py (~2%) throughout and trace po locally.			B53014	822	823	1	0.011	ACC_FAAA		
			B53015	823	823.95	0.95	0.009	ACC_FAAA		
			B53016	823.95	825.05	1.1	0.013	ACC_FAAA		
825.05	**827.00**	**(FGS, DIO) Felsic Gneiss Sedimentary, Diorite, ( )**	B53017	825.05	826	0.95	0.012	ACC_FAAA		
Felsic Gneiss (S) with minor intermixed bands of diorite (hornblend-rich) mainly towards lower contact. Qtz eyes cm in size and well defined. Disseminated py throughout upper contact (up to 2.5%). Diorite from 826-826.13m. Qtz-granitic pegmatite from 826.18-826.4m. Amphibolite from 826.4-826.6m.			B53019	826	827	1	0.0025	ACC_FAAA		
827.00	**829.50**	**(AMP) Amphibolite, ( )**	B53020	827	828	1	0.0025	ACC_FAAA		
Amphibolite with weak chl alteration. Minor FGS from 828.75-829m and Diorite from 829.2-829.3m. Minor disseminated py throughout.			B53021	828	828.75	0.75	0.007	ACC_FAAA		
			B53022	828.75	829.5	0.75	0.013	ACC_FAAA		
829.50	**833.36**	**(DIO, FGS) Diorite, Felsic Gneiss Sedimentary, (DIOHB) Hornblende-rich Diorite**	B53023	829.5	830.55	1.05	0.007	ACC_FAAA		
Amphibole-rich diorite with very local patches of FGS. Minor amphibolite from 830.35-830.55m. Qtz-granitic pegmatite from 831.2-831.26m. Trace qtz-carb stringers.			B53024	830.55	831.5	0.95	0.013	ACC_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Weak potassic alteration throughout. Mm phenocrysts.	B53025	831.5	832.45	0.95	0.015	ACC_FAAA		
			B53027	832.45	833.36	0.91	0.01	ACC_FAAA		
833.36	**838.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53028	833.36	834.6	1.24	0.01	ACC_FAAA		
		Felsic Gneiss (S) with faint cm quartz eyes throughout. Minor qtz-granitic pegmatite from 836.37-836.44m and amphibolite from 836.85-837.48m. Weak-mod patchy potassic alt throughout.	B53029	834.6	835.7	1.1	0.008	ACC_FAAA		
			B53030	835.7	836.85	1.15	0.007	ACC_FAAA		
			B53031	836.85	837.48	0.63	0.0025	ACC_FAAA		
			B53033	837.48	838.45	0.97	0.006	ACC_FAAA		
838.45	**841.30**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B53034	838.45	839.5	1.05	0.0025	ACC_FAAA		
		Amphibole-rich diorite with mm phenocrysts. Minor amphibolite from 840.73-841.1m. Trace qtz-carb stringers. Weak potassic alteration throughout. Mm phenocrysts.	B53035	839.5	840.73	1.23	0.0025	ACC_FAAA		
			B53036	840.73	841.3	0.57	0.009	ACC_FAAA		
841.30	**846.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53037	841.3	842.6	1.3	0.008	ACC_FAAA		
		Felsic Gneiss (S) with quartz eyes throughout (mm-cm in size). Moderate patchy potassic alteration throughout. Trace qtz-carb stringers. Qtz-granitic pegmatite from 842.6-842.85m. Qtz-pegmatite from 844.8-845m. Diorite (hbl) from 845.4-845.76m with local qtz-carb veinlets and associated potassic/epidote alteration.	B53039	842.6	843.5	0.9	0.0025	ACC_FAAA		
			B53040	843.5	844.5	1	0.005	ACC_FAAA		
			B53041	844.5	845.4	0.9	0.007	ACC_FAAA		
			B53042	845.4	846.45	1.05	0.008	ACC_FAAA		
846.45	**849.70**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B53043	846.45	847.5	1.05	0.0025	ACC_FAAA		
		Hornblende rich amphibolite with mm phenocrysts of qtz-feldspar. Local qtz-carb veinlets almost parallel to foliation with associated potassic alt.	B53044	847.5	848.55	1.05	0.0025	ACC_FAAA		
			B53045	848.55	849.7	1.15	0.0025	ACC_FAAA		
849.70	**856.45**	**(FGS) Felsic Gneiss Sedimentary, (DIOHB) Hornblende-rich Diorite**	B53047	849.7	850.5	0.8	0.006	ACC_FAAA		
		Felsic Gneiss (S) or possibly a remenant diorite? Weak mm-cm qtz eyes throughout. Minor amphiboles throughout. Trace qtz-carb stringers throughout with associated potassic alt.	B53048	850.5	851.45	0.95	0.0025	ACC_FAAA		
			B53049	851.45	852.5	1.05	0.007	ACC_FAAA		
			B53050	852.5	853.6	1.1	0.0025	ACC_FAAA		
			B53051	853.6	854.55	0.95	0.0025	ACC_FAAA		
			B53053	854.55	855.55	1	0.0025	ACC_FAAA		
			B53054	855.55	856.45	0.9	0.0025	ACC_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
856.45	**857.75**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite**	B53055	856.45	857.75	1.3	0.011	ACC_FAAA		
Amphibolite with moderate patchy epidote alteration. 2% py disseminated and mainly euhedral. Epidote in bands following foliation.										
857.75	**863.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53056	857.75	858.5	0.75	0.005	ACC_FAAA		
Felsic Gneiss (S) with disseminated py and trace po throughout. Patchy qtz-carb alteration from 861.3-863.8m. Blocky core and grind from 862.05-864m. Drillers lost core and had to re-drill at 860.5m. Minor qtz vein at 862.2-862.3m.			B53057	858.5	859.4	0.9	0.0025	ACC_FAAA		
			B53059	859.4	860.5	1.1	0.0025	ACC_FAAA		
			B53060	860.5	861.3	0.8	0.014	ACC_FAAA		
			B53061	861.3	862.6	1.3	0.007	ACC_FAAA		
			B53062	862.6	863.8	1.2	0.006	ACC_FAAA		
863.80	**872.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53063	863.8	864.75	0.95	0.023	ACC_FAAA		
Felsic Gneiss (S) with local patchy bands of qtz-carb alteration and disseminated py throughout. Slica alteration starts to increase in this unit. Biotite increases compared to previous units. 0.5% qtz-carb stringers throughout with associated sericite alt.			B53064	864.75	865.8	1.05	0.029	ACC_FAAA		
			B53065	865.8	866.75	0.95	0.022	ACC_FAAA		
			B53067	866.75	867.6	0.85	0.015	ACC_FAAA		
			B53068	867.6	868.9	1.3	0.013	ACC_FAAA		
			B53069	868.9	870	1.1	0.007	ACC_FAAA		
			B53070	870	871	1	0.0025	ACC_FAAA		
			B53071	871	872.15	1.15	0.0025	ACC_FAAA		
872.15	**873.00**	**(AMP) Amphibolite, ( )**	B53073	872.15	873	0.85	0.018	ACC_FAAA		
Localized 5-10 cm thick quartz flooded sections.										
873.00	**875.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53074	873	874	1	0.018	ACC_FAAA		
Localized sectins with 2-3% amphibole. Localized quartz rich sections.			B53075	874	875.45	1.45	0.01	ACC_FAAA		
875.45	**877.00**	**(AMP) Amphibolite, ( )**	B53076	875.45	876.2	0.75	0.024	ACC_FAAA		
Localized sections of felsic gneiss (S).			B53077	876.2	877	0.8	0.013	ACC_FAAA		
877.00	**878.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B53079	877	878.4	1.4	0.0025	ACC_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Sections of quartz rich granitic pegmatite.										
878.40	**887.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53080	878.4	879	0.6	0.013	ACC_FAAA		
Localized sections with coarse grained quartz eyes.			B53081	879	880	1	0.009	ACC_FAAA		
			B53082	880	881	1	0.007	ACC_FAAA		
			B53083	881	882	1	0.014	ACC_FAAA		
			B53084	882	883	1	0.012	ALS_FAAA		
			B53085	883	884	1	0.007	ALS_FAAA		
			B53087	884	885	1	0.009	ALS_FAAA		
			B53088	885	886	1	0.007	ALS_FAAA		
			B53089	886	887.1	1.1	0.006	ALS_FAAA		
887.10	**892.70**	**(QFP) Quartz Feldspar Porphyry, ( )**	B53090	887.1	888	0.9	0.0025	ALS_FAAA		
Uit contains 35% subhedral; coarse grained; quartz-feldspar phenocrysts.			B53091	888	889	1	0.0025	ALS_FAAA		
			B53093	889	890	1	0.0025	ALS_FAAA		
			B53094	890	891	1	0.005	ALS_FAAA		
			B53095	891	892	1	0.0025	ALS_FAAA		
			B53096	892	892.7	0.7	0.0025	ALS_FAAA		
892.70	**895.30**	**(AMP) Amphibolite, ( )**	B53097	892.7	894	1.3	0.007	ALS_FAAA		
Unit composed of coarse grained amphibole crystals within a fine-medium grained intermediate matrix.			B53099	894	895.3	1.3	0.032	ALS_FAAA		
895.30	**898.20**	**(QFP) Quartz Feldspar Porphyry, ( )**	B53100	895.3	896	0.7	0.029	ALS_FAAA		
Unit contains coarse grained; subhedral; quartz-feldspar phenocrysts.			B53101	896	897	1	0.0025	ALS_FAAA		
			B53102	897	898	1	0.0025	ALS_FAAA		
898.20	**901.90**	**(AMP) Amphibolite, ( )**	B53103	898	899	1	0.007	ALS_FAAA		
Unit compose of medium-coarse grained; subhedral amphibole crystals within a fine-medium grained intermediate matrix. Unit is possibly a amphibole felsic gneiss.			B53104	899	900	1	0.014	ALS_FAAA		
			B53105	900	901	1	0.0025	ALS_FAAA		
			B53107	901	901.9	0.9	0.015	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
901.90	**908.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53108	901.9	903	1.1	0.005	ALS_FAAA		
Localized coarse grained quartz eyes. Localized quartz-carbonate veinlets with potassic alteration halos.			B53109	903	904	1	0.0025	ALS_FAAA		
			B53110	904	905	1	0.0025	ALS_FAAA		
			B53111	905	906	1	0.0025	ALS_FAAA		
			B53113	906	907	1	0.0025	ALS_FAAA		
			B53114	907	908.3	1.3	0.009	ALS_FAAA		
908.30	**915.60**	**(AMP) Amphibolite, ( )**	B53115	908.3	909	0.7	0.044	ALS_FAAA		
Abundant varations in grain size. Localized quartz-carbonate veinlets with sericitic alteration halos.			B53116	909	910	1	0.029	ALS_FAAA		
			B53117	910	911	1	0.043	ALS_FAAA		
			B53119	911	912	1	0.025	ALS_FAAA		
			B53120	912	913	1	0.006	ALS_FAAA		
			B53121	913	914	1	0.009	ALS_FAAA		
			B53122	914	915	1	0.008	ALS_FAAA		
			B53123	915	915.6	0.6	0.01	ALS_FAAA		
915.60	**920.50**	**(DIO, FGS) Diorite, Felsic Gneiss Sedimentary, ( )**	B53124	915.6	917	1.4	0.0025	ALS_FAAA		
Unit contains medium grained; subhedral to anhedral; quartz-feldspar phenocrysts. Abundant quartz-carbonate veinlets with sericitic and/or potassic alteration halos.			B53125	917	918	1	0.0025	ALS_FAAA		
			B53127	918	919	1	0.009	ALS_FAAA		
			B53128	919	920.5	1.5	0.009	ALS_FAAA		
920.50	**922.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53129	920.5	921.4	0.9	0.039	ALS_FAAA		
Intermixed sections with varying grain size.			B53130	921.4	922.1	0.7	0.016	ALS_FAAA		
922.10	**924.50**	**(DIO) Diorite, ( )**	B53131	922.1	923	0.9	0.0025	ALS_FAAA		
Unit contains 20% medium grained; subhedral; quartz-feldspar phenocrysts.			B53133	923	924.5	1.5	0.014	ALS_FAAA		
924.50	**928.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53134	924.5	926	1.5	0.012	ALS_FAAA		
Localized sections with increased amphibole crystals. Localized 1 cm thick pegmatites.			B53135	926	927	1	0.014	ALS_FAAA		
			B53136	927	928	1	0.007	ALS_FAAA		
			B53137	928	928.9	0.9	0.007	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
928.90	**935.10**	**(DIO) Diorite, ( )** Unit is possible a coarse FGS. Localized sections with varying grain size and foliation strength.	B53139	928.9	930	1.1	0.008	ALS_FAAA		
			B53140	930	931	1	0.005	ALS_FAAA		
			B53141	931	932	1	0.0025	ALS_FAAA		
			B53142	932	933	1	0.007	ALS_FAAA		
			B53143	933	934	1	0.0025	ALS_FAAA		
			B53144	934	935.1	1.1	0.0025	ALS_FAAA		
935.10	**946.50**	**(AMP) Amphibolite, ( )** Localized sections with varying grain size.	B53145	935.1	936	0.9	0.02	ALS_FAAA		
			B53147	936	937	1	0.012	ALS_FAAA		
			B53148	937	938	1	0.034	ALS_FAAA		
			B53149	938	939	1	0.025	ALS_FAAA		
			B53150	939	940	1	0.014	ALS_FAAA		
			B53151	940	941	1	0.019	ALS_FAAA		
			B53153	941	942	1	0.027	ALS_FAAA		
			B53154	942	943	1	0.249	ALS_FAAA		
			B53155	943	944	1	0.009	ALS_FAAA		
			B53156	944	945	1	0.084	ALS_FAAA		
			B53157	945	946.5	1.5	0.055	ALS_FAAA		
946.50	**947.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size.	B53159	946.5	947.7	1.2	0.021	ALS_FAAA		
947.70	**948.70**	**(AMP) Amphibolite, ( )** Localized 1-5 cm thick quartz veins.	B53160	947.7	948.7	1	0.017	ALS_FAAA		
948.70	**952.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. Localized sections with medium-coarse grained quartz crystals resembling phenocrysts.	B53161	948.7	949.9	1.2	0.014	ALS_FAAA		
			B53162	949.9	951	1.1	0.034	ALS_FAAA		
			B53163	951	951.7	0.7	0.017	ALS_FAAA		
			B53164	951.7	952.8	1.1	0.009	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
952.80	**953.70**	**(AMP) Amphibolite, ( )**	B53165	952.8	953.7	0.9	0.005	ALS_FAAA		
Localized sections with varying grain size.										
953.70	**961.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53167	953.7	955.1	1.4	0.032	ALS_FAAA		
Localized 1-5 cm thick granitic pegmatites.			B53168	955.1	956	0.9	0.008	ALS_FAAA		
			B53169	956	957	1	0.033	ALS_FAAA		
			B53170	957	958	1	0.037	ALS_FAAA		
			B53171	958	959	1	0.028	ALS_FAAA		
			B53173	959	960	1	0.019	ALS_FAAA		
			B53174	960	961.3	1.3	0.022	ALS_FAAA		
961.30	**962.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B53175	961.3	962	0.7	0.054	ALS_FAAA		
Localized patches of amphibole crystals.			B53176	962	962.9	0.9	0.225	ALS_FAAA		
962.90	**976.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53177	962.9	964	1.1	0.038	ALS_FAAA		
Localized sections with varying grain size. Localized 1-5 cm thick granitic pegmatites.			B53179	964	964.9	0.9	0.015	ALS_FAAA		
			B53180	964.9	966	1.1	0.005	ALS_FAAA		
			B53181	966	967	1	0.019	ALS_FAAA		
			B53182	967	968	1	0.012	ALS_FAAA		
			B53183	968	969	1	0.034	ALS_FAAA		
			B53184	969	970	1	0.04	ALS_FAAA		
			B53185	970	971	1	0.249	ALS_FAAA		
			B53187	971	971.9	0.9	0.317	ALS_FAAA		
			B53188	971.9	973	1.1	0.762	ALS_FAAA		
			B53189	973	974	1	0.304	ALS_FAAA		
			B53190	974	975	1	0.94	ALS_FAAA		
			B53191	975	976.2	1.2	0.298	ALS_FAAA		
976.20	**978.10**	**(AMP) Amphibolite, ( )**	B53193	976.2	977	0.8	0.045	ALS_FAAA		
Intermediate amphibolite with fime-medium grained amphibole crystals within an intermediate matrix.			B53194	977	978.1	1.1	0.019	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
978.10	**979.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53195	978.1	979.1	1	0.06	ALS_FAAA		
Abundant sections of amphibolite. Abundant quartz-carebonate veinlets with potassic alteration halos.			B53196	979.1	979.7	0.6	0.105	ALS_FAAA		
979.70	**989.20**	**(AMPG) Amphibole Felsic Gneiss, ( )**	B53197	979.7	981	1.3	0.021	ALS_FAAA		
Unit composed of coarse grained amphibole porphyroblasts; surrounded by medium grained biotite crystals; within a fine grained felsic matrix. Possible meta-gabbro.			B53199	981	982	1	0.086	ALS_FAAA		
			B53200	982	983	1	0.034	ALS_FAAA		
			B53201	983	984	1	0.023	ALS_FAAA		
			B53202	984	985	1	0.007	ALS_FAAA		
			B53203	985	986	1	0.005	ALS_FAAA		
			B53204	986	987	1	0.005	ALS_FAAA		
			B53205	987	988	1	0.009	ALS_FAAA		
			B53207	988	989.2	1.2	0.007	ALS_FAAA		
989.20	**990.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53208	989.2	990.3	1.1	0.214	ALS_FAAA		
Variable grain size. Unit is a possible strained diorite.										
990.30	**994.50**	**(AMPG) Amphibole Felsic Gneiss, ( )**	B53209	990.3	991	0.7	0.012	ALS_FAAA		
Unit composed of coarse grained amphibole porphyroblasts; surrounded by medium grained biotite crystals; within a fine grained felsic matrix.			B53210	991	992	1	0.019	ALS_FAAA		
			B53211	992	993	1	0.041	ALS_FAAA		
			B53213	993	993.7	0.7	0.3	ALS_FAAA		
			B53214	993.7	994.5	0.8	0.088	ALS_FAAA		
994.50	**996.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53215	994.5	995.5	1	0.024	ALS_FAAA		
Localized sections with varying grain size.			B53216	995.5	996.5	1	0.013	ALS_FAAA		
996.50	**997.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53217	996.5	997.7	1.2	0.073	ALS_FAAA		
Slightly finer grain size compared to unit above and below. Unit contains 15% amphibole crystals.										
997.70	**1010.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53219	997.7	999	1.3	0.063	ALS_FAAA		
			B53220	999	1000	1	0.021	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B53221	1000	1001	1	0.054	ALS_FAAA		
			B53222	1001	1002.3	1.3	0.068	ALS_FAAA		
			B53223	1002.3	1003	0.7	0.03	ALS_FAAA		
			B53224	1003	1004	1	0.111	ALS_FAAA		
			B53225	1004	1005	1	0.07	ALS_FAAA		
			B53227	1005	1006	1	0.069	ALS_FAAA		
			B53228	1006	1007	1	0.113	ALS_FAAA		
			B53229	1007	1008	1	0.073	ALS_FAAA		
			B53230	1008	1009	1	0.046	ALS_FAAA		
			B53231	1009	1010	1	0.027	ALS_FAAA		
1010.00	**1011.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** Intermediate composition. Localized bands of medium-coarse grained amphibole crystals with depleation halos.	B53233	1010	1011.3	1.3	0.084	ALS_FAAA		
1011.30	**1014.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized secions with coarse grained quartz eyes.	B53234	1011.3	1012	0.7	0.006	ALS_FAAA		
			B53235	1012	1013	1	0.009	ALS_FAAA		
			B53236	1013	1014.4	1.4	0.023	ALS_FAAA		
1014.40	**1015.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Intermediate felsic gneiss. Localized bands of medium-coarse grained amphibole crystals with deplation halos.	B53237	1014.4	1015.8	1.4	0.096	ALS_FAAA		
1015.80	**1020.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Psedo-diorite-FGG unit. Coarse grained clusters of quartz; plagioclase; and alkali feldspar.	B53239	1015.8	1017	1.2	0.079	ALS_FAAA		
			B53240	1017	1018	1	0.088	ALS_FAAA		
			B53241	1018	1019	1	0.068	ALS_FAAA		
			B53242	1019	1020	1	0.087	ALS_FAAA		
			B53243	1020	1020.9	0.9	0.103	ALS_FAAA		
1020.90	**1022.50**	**(DIO) Diorite, ( )** Medium-coarse grained quartz-feldspar phenocryrysts within a medium grained intermediate matrix.	B53244	1020.9	1021.7	0.8	0.119	ALS_FAAA		
			B53245	1021.7	1022.5	0.8	0.072	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1022.50	**1024.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53247	1022.5	1024	1.5	0.015	ALS_FAAA		
Psedo-diorite-FGG unit. Coarse grained clusters of quartz; plagioclase; and alkali feldspar.										
1024.00	**1025.40**	**(DIO) Diorite, ( )**	B53248	1024	1025.4	1.4	0.031	ALS_FAAA		
Medium grained; quartz-feldspar phenocrysts within a fine-medium grained; felsic matrix.										
1025.40	**1028.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53249	1025.4	1026	0.6	0.054	ALS_FAAA		
Localized 1 cm thick granitic pegmatites.			B53250	1026	1027	1	0.044	ALS_FAAA		
			B53251	1027	1028	1	0.033	ALS_FAAA		
			B53253	1028	1028.8	0.8	0.023	ALS_FAAA		
1028.80	**1030.70**	**(UMD) UM\LAMP Dike, ( )**	B53254	1028.8	1030	1.2	0.0025	ALS_FAAA		
Lamp dike with biotite and carbonate veins.			B53255	1030	1030.7	0.7	0.0025	ALS_FAAA		
1030.70	**1031.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53256	1030.7	1031.7	1	0.029	ALS_FAAA		
Weak foliation; overprinting potassic and riebakite alteration.										
1031.70	**1033.70**	**(UMD) UM\LAMP Dike, ( )**	B53257	1031.7	1032.7	1	0.0025	ALS_FAAA		
Dike contains biotite and carbonate.			B53259	1032.7	1033.7	1	0.006	ALS_FAAA		
1033.70	**1036.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53260	1033.7	1035	1.3	0.11	ALS_FAAA		
Possible diortie or proto-FGG.			B53261	1035	1036	1	0.056	ALS_FAAA		
1036.00	**1039.80**	**(DIO) Diorite, ( )**	B53262	1036	1036.9	0.9	0.037	ALS_FAAA		
Foliated diorite; possible felsic gneiss (S). Localized 1-3 cm thick pegmatites.			B53263	1036.9	1037.6	0.7	0.014	ALS_FAAA		
			B53264	1037.6	1038.8	1.2	0.032	ALS_FAAA		
			B53265	1038.8	1039.3	0.5	0.0025	ALS_FAAA		
			B53267	1039.3	1039.8	0.5	0.042	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1039.80	**1044.10**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B53268	1039.8	1040.8	1	0.015	ALS_FAAA		
Diorite; dark grey; fgr with mgr-cgr quartz and feldspar phenocrysts and fgr-mgr disseminated amphibole. Weak to moderate foliation 60 dca. Patchy qtz-carb veinlets with HEM alteration halos.			B53269	1040.8	1041.5	0.7	0.015	ALS_FAAA		
			B53270	1041.5	1042.1	0.6	0.007	ALS_FAAA		
			B53271	1042.1	1043.1	1	0.056	ALS_FAAA		
			B53273	1043.1	1044.1	1	0.036	ALS_FAAA		
1044.10	**1056.20**	**(AMP, DIO) Amphibolite, Diorite, ( )**	B53274	1044.1	1045.1	1	0.044	ALS_FAAA		
Amphibolite; fgr-mgr; well foliated 60 dca; patchy bands of bleaching and local disseminations of fgr-mgr biotite. Occasional epidote-carbonate bands with common disseminations of pyrite. Local intervals of porphyritic diorite containing minor amphibole grains. Minor intercalated FGS/AMP interval.			B53275	1045.1	1046.1	1	0.108	ALS_FAAA		
			B53276	1046.1	1047.1	1	0.029	ALS_FAAA		
			B53277	1047.1	1048.1	1	0.034	ALS_FAAA		
			B53279	1048.1	1049.1	1	0.03	ALS_FAAA		
			B53280	1049.1	1050.1	1	0.044	ALS_FAAA		
			B53281	1050.1	1051	0.9	0.205	ALS_FAAA		
			B53282	1051	1051.65	0.65	0.321	ALS_FAAA		
			B53283	1051.65	1052.3	0.65	0.079	ALS_FAAA		
			B53284	1052.3	1052.9	0.6	0.026	ALS_FAAA		
			B53285	1052.9	1053.95	1.05	0.115	ALS_FAAA		
			B53287	1053.95	1055.1	1.15	0.07	ALS_FAAA		
			B53288	1055.1	1056.2	1.1	0.096	ALS_FAAA		
1056.20	**1058.15**	**(DIO) Diorite, ( )**	B53289	1056.2	1057.2	1	0.064	ALS_FAAA		
Diorite with fgr groundmass and fgr-mgr subrounded quartz and feldspar phenocrysts; 5-10% fgr disseminated biotite and moderate and patchy HM staining throughout. Sharp contacts parallel to foliation. Trace qtz-carbonate veinlets with HM alteration halos.			B53290	1057.2	1058.15	0.95	0.04	ALS_FAAA		
1058.15	**1060.50**	**(AMP, DIO) Amphibolite, Diorite, ( )**	B53291	1058.15	1059.15	1	0.176	ALS_FAAA		
Massive fgr amphibolite with minor disseminations of biotite and patchy epidote-carbonate. local interval of DIO with strong patchy alteration of HM; EP; BI and CHL. Common fgr-cgr amphibole grains and local bands.			B53293	1059.15	1059.8	0.65	1.205	ALS_FAAA		
			B53294	1059.8	1060.5	0.7	0.708	ALS_FAAA		
1060.50	**1075.60**	**(AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic Amphibolite**	B53295	1060.5	1062	1.5	0.037	ALS_FAAA		
Amphibolite with mgr-cgr amphibole porphyroblasts with replacement rims of biotite and moderate foliation 60 dca. Felsic (quartz-feldspar) groundmass increasing in abundance towards lower contact; gradational. Local fault zone; beige with common fracture planes and HM infill; minor specular HM and fiberous mineral in carbonate vug. Fault zone appears to			B53296	1062	1063	1	0.013	ALS_FAAA		
			B53297	1063	1064	1	0.019	ALS_FAAA		
			B53299	1064	1065	1	0.01	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
be healed breccia/gouge; original litholgy not apparent. local HM staining and bleaching proximal to fault zone.			B53300	1065	1066	1	0.009	ALS_FAAA		
			B53301	1066	1067	1	0.01	ALS_FAAA		
			B53302	1067	1068	1	0.009	ALS_FAAA		
			B53303	1068	1069	1	0.009	ALS_FAAA		
			B53304	1069	1070	1	0.0025	ALS_FAAA		
			B53305	1070	1070.85	0.85	0.0025	ALS_FAAA		
			B53307	1070.85	1071.95	1.1	0.013	ALS_FAAA		
			B53308	1071.95	1072.7	0.75	0.0025	ALS_FAAA		
			B53309	1072.7	1073.6	0.9	0.005	ALS_FAAA		
			B53310	1073.6	1074.55	0.95	0.021	ALS_FAAA		
			B53311	1074.55	1075.6	1.05	0.013	ALS_FAAA		
1075.60	**1089.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B53313	1075.6	1076.6	1	0.095	ALS_FAAA		
Felsic gneiss with common mgr-cgr amphibole pheocrysts commonly altered to biotite and stretched along foliation 60 dca. Patchy PEG intervals with localized HM staining. Minor UMD lenses up to 15cm with sharp contacts subparallel to foliation. Patchy qtz-carb veinlets with HM alteration halos.			B53314	1076.6	1077.6	1	0.008	ALS_FAAA		
			B53315	1077.6	1078.6	1	0.009	ALS_FAAA		
			B53316	1078.6	1079.6	1	0.006	ALS_FAAA		
			B53317	1079.6	1080.6	1	0.034	ALS_FAAA		
			B53319	1080.6	1081.6	1	0.027	ALS_FAAA		
			B53320	1081.6	1082.6	1	0.014	ALS_FAAA		
			B53321	1082.6	1083.6	1	0.017	ALS_FAAA		
			B53322	1083.6	1084.6	1	0.022	ALS_FAAA		
			B53323	1084.6	1085.6	1	0.022	ALS_FAAA		
			B53324	1085.6	1086.25	0.65	0.0025	ALS_FAAA		
			B53325	1086.25	1087	0.75	0.0025	ALS_FAAA		
			B53327	1087	1088	1	0.029	ALS_FAAA		
			B53328	1088	1088.8	0.8	0.012	ALS_FAAA		
			B53329	1088.8	1089.55	0.75	0.035	ALS_FAAA		
1089.55	**1090.30**	**(AMP) Amphibolite, ( )**	B53330	1089.55	1090.3	0.75	0.013	ALS_FAAA		
Amphibolite with weak to moderate foliation and common disseminated biotite throughout. Sharp upper and lower contacts parallel to foliation 50 dca. Patchy felsic (quartz-feldspar) clots.										
1090.30	**1091.60**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )**	B53331	1090.3	1091.6	1.3	0.05	ALS_FAAA		
Intercalated FGS and AMP with patchy amphibole aggregates and common fgr-mgr										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
disseminations of amphibole in felsic patches. Common disseminations of biotite throughout.										
1091.60	**1092.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Felsic gniess (S) with common amphibole-biotite phenocrysts strained along moderate foliation 55 dca.	B53333	1091.6	1092.6	1	0.02	ALS_FAAA		
1092.60	**1093.80**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )** Intercalated FGS and AMP with patchy amphibole aggregates and common fgr-mgr disseminations of amphibole in felsic patches. Common disseminations of biotite throughout.	B53334	1092.6	1093.8	1.2	0.017	ALS_FAAA		
1093.80	**1095.10**	**(AMP) Amphibolite, ( )** Amphibolite with fgr-mgr ampibole grains and rare patchy disseminations of biotite. Occasional felsic clots along foliation.	B53335	1093.8	1095.1	1.3	0.023	ALS_FAAA		
1095.10	**1103.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Felsic gneiss (S) with common fgr-cgr disseminated biotite stretched and aligned along moderate foliation 50 dca. Local massive quartz vein and minor quartz feldspar veins or clots along foliation.	B53336	1095.1	1096	0.9	0.036	ALS_FAAA		
			B53337	1096	1097	1	0.016	ALS_FAAA		
			B53339	1097	1098	1	0.023	ALS_FAAA		
			B53340	1098	1098.85	0.85	0.024	ALS_FAAA		
			B53341	1098.85	1099.4	0.55	0.016	ALS_FAAA		
			B53342	1099.4	1100.5	1.1	0.036	ALS_FAAA		
			B53343	1100.5	1101.5	1	0.03	ALS_FAAA		
			B53344	1101.5	1102.5	1	0.057	ALS_FAAA		
			B53345	1102.5	1103.65	1.15	0.116	ALS_FAAA		
1103.65	**1105.10**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )** Amphibolite with fgr and cgr porphyritic intervals. Common disseminated biotite aligned along moderate foliation. Local FGS interval with weak foliation and trace fgr disseminated biotite.	B53347	1103.65	1104.3	0.65	0.01	ALS_FAAA		
			B53348	1104.3	1105.1	0.8	0.065	ALS_FAAA		
1105.10	**1106.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gniess (S) with up to 5% fgr disseminated biotite and local bleaching; quartz veins and blebby PY. Moderate foliation 40-50 dca and parallel to sharp contacts with AMP.	B53349	1105.1	1105.8	0.7	0.063	ALS_FAAA		
			B53350	1105.8	1106.5	0.7	0.188	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1106.50	**1112.10**	**(AMP) Amphibolite, ( )**	B53351	1106.5	1107.5	1	0.033	ALS_FAAA		
Amphibolite with local intervals of partial melt texture; differentiation of felsic material from mafic. Common bleached banding and common Py/Po aggreagtes; similar to FW AMP but no visible garnet. trace disseminated biotite.			B53353	1107.5	1108.4	0.9	0.047	ALS_FAAA		
			B53354	1108.4	1109.05	0.65	0.075	ALS_FAAA		
			B53355	1109.05	1110.15	1.1	0.151	ALS_FAAA		
			B53356	1110.15	1111.1	0.95	0.183	ALS_FAAA		
			B53357	1111.1	1112.1	1	0.272	ALS_FAAA		
1112.10	**1115.90**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )**	B53359	1112.1	1113.05	0.95	0.011	ALS_FAAA		
Intercallated FGS and AMP bands with abundant partial melting texture (differentiation of felsic and mafic minerals. Common disseminations of Py/Po throughout; commonly aligned along foliation. Local quartz veinig parallel to fabric and contain lithic fragments. Patchy disseminations and bands of biotite.			B53360	1113.05	1114	0.95	0.104	ALS_FAAA		
			B53361	1114	1115	1	0.146	ALS_FAAA		
			B53362	1115	1115.9	0.9	0.066	ALS_FAAA		
1115.90	**1117.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53363	1115.9	1117.15	1.25	0.066	ALS_FAAA		
Felsic gneiss (S) with pervasive HM alteration; patchy strong SER bands and patchy quartz clots. Trace chlorite bands and clots. Trace disseminated biotite aligned along fabric.										
1117.15	**1118.00**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )**	B53364	1117.15	1118	0.85	0.278	ALS_FAAA		
Intercallated AMP and FGS with common Py/Po disseminations along weak to moderate foliation. Decreasing abundance of amphibole grains proximal to lower contact.										
1118.00	**1120.75**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53365	1118	1119	1	0.034	ALS_FAAA		
Felsic gneiss (S) with 2-3% fgr-mgr disseminated biotite and patchy HM alteration throughout. Sharp lower contact parallel to foliation 55 dca.			B53367	1119	1120	1	0.05	ALS_FAAA		
			B53368	1120	1120.75	0.75	0.051	ALS_FAAA		
1120.75	**1122.45**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B53369	1120.75	1121.5	0.75	0.021	ALS_FAAA		
Diorite with common disseminated amphibole and biotite throughout matrix. Abundant mgr-cgr quartz-feldspar phenocrysts. Sharp contacts parallel to foliation 55 dca.			B53370	1121.5	1122.45	0.95	0.038	ALS_FAAA		
1122.45	**1127.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53371	1122.45	1123.6	1.15	0.044	ALS_FAAA		
Felsic gneiss (S) with local patches of amphibole bands throughout and parallel to foliation 50 dca. 2-3% disseminated biotite.			B53373	1123.6	1124.6	1	0.075	ALS_FAAA		
			B53374	1124.6	1125.8	1.2	0.082	ALS_FAAA		
			B53375	1125.8	1127.1	1.3	0.07	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1127.10	**1128.10**	**(AMP) Amphibolite, ( )** Amphibolite with fgr matrix and mgr amphibole and biotite grains throughout; up to 20% biotite and appears to replace amphibole grains. Sharp contacts parallel to foliation 50 dca.	B53376	1127.1	1128.1	1	0.043	ALS_FAAA		
1128.10	**1132.50**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )** Felsic gneiss (S) with weak-moderate foliation; patchy disseminations of biotite; local quartz eyes and UMD lense 5-10cm thick and running parallel to core axis. Patchy irregular quartz veins with feldspar selvages.	B53377	1128.1	1129	0.9	0.026	ALS_FAAA		
			B53379	1129	1129.8	0.8	0.025	ALS_FAAA		
			B53380	1129.8	1130.7	0.9	0.012	ALS_FAAA		
			B53381	1130.7	1131.8	1.1	0.005	ALS_FAAA		
			B53382	1131.8	1132.5	0.7	0.027	ALS_FAAA		
1132.50	**1134.15**	**(AMP) Amphibolite, ( )** Intercallated AMP and felsic banding; common melt texture and abundant disseminations of PY and minor PO. Rare disseminations of biotite.	B53383	1132.5	1133.3	0.8	0.171	ALS_FAAA		
			B53384	1133.3	1134.15	0.85	0.145	ALS_FAAA		
1134.15	**1135.95**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gneiss (S) with trace disseminated biotite; weak foliation and local bands or patches of amphibole with common PY disseminations.	B53385	1134.15	1135	0.85	0.045	ALS_FAAA		
			B53387	1135	1135.95	0.95	0.057	ALS_FAAA		
1135.95	**1138.15**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )** Amphibolite with fgr-mgr amphibole grains; patchy melt texture and local FGS interval. Common fgr disseminated biotite throughout. 1-3cm quartz veins parallel to foliation proximal to lower contact with FGS.	B53388	1135.95	1136.85	0.9	0.016	ALS_FAAA		
			B53389	1136.85	1138.15	1.3	0.099	ALS_FAAA		
1138.15	**1139.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gniess (S) with up to 5% fgr-mgr disseminated biotite aligned along weak foliation 50-60 dca.	B53390	1138.15	1139.5	1.35	0.009	ALS_FAAA		
1139.50	**1140.90**	**(DIO) Diorite, ( )** Diorirte with 5-10% fgr disseminated biotite and fgr-mgr quartz phenocrysts. Patchy AMP bands parallel to foliation.	B53391	1139.5	1140.9	1.4	0.028	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1140.90	**1146.25**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )**	B53393	1140.9	1142	1.1	0.015	ALS_FAAA		
Felsic gniess (S) with common bands of amphibolite throughout. Local clots of biotite +/- amphibole. Varibale foliation 30-45 dca and locally deformed with small scale z-folding. Minor 20cm interval of diorite with 5% fgr disseminated biotite.			B53394	1142	1143	1	0.019	ALS_FAAA		
			B53395	1143	1144	1	0.013	ALS_FAAA		
			B53396	1144	1145	1	0.008	ALS_FAAA		
			B53397	1145	1146.25	1.25	0.024	ALS_FAAA		
1146.25	**1158.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53399	1146.25	1147	0.75	0.045	ALS_FAAA		
Felsic gneiss (S) with fgr-mgr quartz and feldspar; 2-3% fgr disseminated biotite aligned along weak foliation 50-55 dca. Minor intervals of AMP with sharp contacts parallel or subparallel to foliation. Localized weak breccia and fractures with HM alteration halo. Local quartz veins +/- minor feldspar crystals.			B53400	1147	1148	1	0.013	ALS_FAAA		
			B53401	1148	1149	1	0.016	ALS_FAAA		
			B53402	1149	1150	1	0.017	ALS_FAAA		
			B53403	1150	1151	1	0.015	ALS_FAAA		
			B53404	1151	1152	1	0.01	ALS_FAAA		
			B53405	1152	1153	1	0.021	ALS_FAAA		
			B53407	1153	1154	1	0.005	ALS_FAAA		
			B53408	1154	1155	1	0.011	ALS_FAAA		
			B53409	1155	1156	1	0.018	ALS_FAAA		
			B53410	1156	1156.5	0.5	0.03	ALS_FAAA		
			B53411	1156.5	1157.5	1	0.005	ALS_FAAA		
			B53413	1157.5	1158.45	0.95	0.0025	ALS_FAAA		
1158.45	**1160.15**	**(AMP) Amphibolite, ( )**	B53414	1158.45	1159.35	0.9	0.009	ALS_FAAA		
Amphibolite with moderate foliation; local minor FGS and increasing felsic bands proximal to lower contact. Patchy chlorite banding. Fracturing and carbonate fill proximal to lower contact.			B53415	1159.35	1160.15	0.8	0.079	ALS_FAAA		
1160.15	**1160.95**	**(UMD) UM\LAMP Dike, ( )**	B53416	1160.15	1160.95	0.8	0.007	ALS_FAAA		
UMD with fgr-mgr rounded xenoliths; local quartz vein with HM inclusions and SER alteration halo. Fractured lower contact. Minor DIO										
1160.95	**1177.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53417	1160.95	1161.9	0.95	0.046	ALS_FAAA		
Felsic gneiss (S) with patchy cgr quartz eyes; weak-moderate foliation 55-65 dca; and patchy HM staining. Local pegmatite intervals with diffuse margins and variable grain size. Local interval of bleaching and chlorite/epidote alteration. Minor DIO interval with interstitial amphibole and biotite aligned along moderate foliation. Rare AMP bands.			B53419	1161.9	1163	1.1	0.128	ALS_FAAA		
			B53420	1163	1164	1	0.182	ALS_FAAA		
			B53421	1164	1165	1	0.198	ALS_FAAA		
			B53422	1165	1166	1	0.311	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B53423	1166	1167	1	0.39	ALS_FAAA		
			B53424	1167	1168	1	0.285	ALS_FAAA		
			B53425	1168	1169	1	0.223	ALS_FAAA		
			B53427	1169	1170	1	0.128	ALS_FAAA		
			B53428	1170	1171	1	0.231	ALS_FAAA		
			B53429	1171	1172	1	0.655	ALS_FAAA		
			B53430	1172	1173	1	0.838	ALS_FAAA		
			B53431	1173	1173.9	0.9	0.216	ALS_FAAA		
			B53433	1173.9	1174.7	0.8	0.322	ALS_FAAA		
			B53434	1174.7	1175.7	1	0.48	ALS_FAAA		
			B53435	1175.7	1176.65	0.95	0.23	ALS_FAAA		
			B53436	1176.65	1177.45	0.8	0.236	ALS_FAAA		
1177.45	**1179.45**	**(DIO) Diorite, ( )**	B53437	1177.45	1178.45	1	0.011	ALS_FAAA		
Diorite with well defined mgr rounded quartz-feldspar phenocrysts and 5-10% disseminated biotite aligned along moderate foliation. Patchy HM staing commonly occuring as alteration halos of carbonate veinlets.			B53439	1178.45	1179.45	1	0.026	ALS_FAAA		
1179.45	**1181.35**	**(AMP) Amphibolite, ( )**	B53440	1179.45	1180.45	1	0.017	ALS_FAAA		
Amphibolite with weak to moderate foliation and 5% biotite gradually increasing to 15% at lower contact. Increasing abundance of feldspar proximal to lower contact.			B53441	1180.45	1181.35	0.9	0.018	ALS_FAAA		
1181.35	**1185.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53442	1181.35	1182	0.65	0.01	ALS_FAAA		
Felsic gneiss (S) with common mgr-cgr quartz eyes throughout; well foliated ~45 dca; patchy quartz veining with irregular margins and lithic fragments; locally pervasive HM alteration; and minor interval of UMD or healed fault gouge.			B53443	1182	1183	1	0.281	ALS_FAAA		
			B53444	1183	1184.1	1.1	1.955	ALS_FAAA		
			B53445	1184.1	1185	0.9	0.499	ALS_FAAA		
			B53447	1185	1185.9	0.9	1.84	ALS_FAAA		
1185.90	**1187.95**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite**	B53448	1185.9	1186.9	1	0.05	ALS_FAAA		
Diorite with mgr quartz-feldspar phenocrysts; common dissmeinated amphibole-biotite and weak-moderate foliation 40-50 dca. Sharp contacts parallel to foliation.			B53449	1186.9	1187.95	1.05	0.035	ALS_FAAA		
1187.95	**1189.25**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53450	1187.95	1189.25	1.3	0.169	ALS_FAAA		
Felsic gneiss (S) with cgr quartz eyes; weak to moderate foliation; pervasive HM alteration										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
and 5-10% fgr-cgr disseminated biotite. Patchy feldspar clots.										
1189.25	**1192.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Amphibolite with 30-40% felsic matrix and disseminated mgr amphibole grains. Patchy HM alteration halos proximal to carbonate veinlets and fractures. Sharp contacts parallel to fabric 45 dca.	B53451	1189.25	1190.25	1	0.03	ALS_FAAA		
			B53453	1190.25	1191.25	1	0.027	ALS_FAAA		
			B53454	1191.25	1192.25	1	0.024	ALS_FAAA		
1192.25	**1200.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gneiss (S) with abundant cgr quartz eyes; moderate foliation; 5% biotite aligned along foliation 50-60 dca; minor AMP interval and patchy massive quartz veins with disseminations of feldspar. Strong fracturing increasing towards lower contact 90 dca.	B53455	1192.25	1193.2	0.95	0.038	ALS_FAAA		
			B53456	1193.2	1194	0.8	0.577	ALS_FAAA		
			B53457	1194	1194.85	0.85	0.157	ALS_FAAA		
			B53459	1194.85	1195.7	0.85	0.303	ALS_FAAA		
			B53460	1195.7	1196.6	0.9	0.282	ALS_FAAA		
			B53461	1196.6	1197.5	0.9	0.162	ALS_FAAA		
			B53462	1197.5	1198.2	0.7	0.2	ALS_FAAA		
			B53463	1198.2	1199.2	1	0.108	ALS_FAAA		
			B53464	1199.2	1200	0.8	0.057	ALS_FAAA		
			B53465	1200	1200.7	0.7	0.202	ALS_FAAA		
1200.70	**1205.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Massive interval of pegmatite with abundant feldspar; patchy HM staining and local 1-3cm UMD lense 10-15 dca. Abundant fracturing throughout 90 dca.	B53467	1200.7	1202	1.3	0.025	ALS_FAAA		
			B53468	1202	1203	1	0.005	ALS_FAAA		
			B53469	1203	1204	1	0.043	ALS_FAAA		
			B53470	1204	1204.7	0.7	0.013	ALS_FAAA		
			B53471	1204.7	1205.4	0.7	0.145	ALS_FAAA		
1205.40	**1206.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gneiss (S) with moderate foliation 55 dca; common cgr quartz eyes; patchy quartz-feldspar veins; pervasive HM alteration and common fractures throughout.	B53473	1205.4	1206.55	1.15	0.094	ALS_FAAA		
1206.55	**1207.65**	**(UMD) UM\LAMP Dike, ( )** UMD with patchy chlorite; sericite and bleaching throughout. Local brecciated texture and carbonet inclusions. Possible fault zone with UMD intruding.	B53474	1206.55	1207.65	1.1	0.012	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1207.65	**1210.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53475	1207.65	1208.7	1.05	0.071	ALS_FAAA		
Felsc gneiss (S) with moderate foliation; 5% disseminated biotite; pervasive HM alteration; local quartz and quartz feldspar veining and minor UMD lense subparallel to core axis.			B53476	1208.7	1210	1.3	0.026	ALS_FAAA		
1210.00	**1215.00**	**(DIO) Diorite, ( )**	B53477	1210	1210.8	0.8	0.006	ALS_FAAA		
Diorite with mgr quartz-feldspar phenocrysts; weak-moderate foliation 50 dca and common fgr-mgr disseminated biotite. Common HM staining proximal to upper contact and minor UMD lense. Patchy quartz-carbonate veinlets 70-90 dca with HM alteration halos.			B53479	1210.8	1212	1.2	0.0025	ALS_FAAA		
			B53480	1212	1213	1	0.005	ALS_FAAA		
			B53481	1213	1214	1	0.0025	ALS_FAAA		
			B53482	1214	1215	1	0.892	ALS_FAAA		
1215.00	**1216.55**	**(UMD) UM\LAMP Dike, ( )**	B53483	1215	1215.75	0.75	0.0025	ALS_FAAA		
UMD with low angle contacts; brecciated texture and minor sinistral offsets. Strong SER and bleached alteration halos around fractures and contacts.			B53484	1215.75	1216.55	0.8	0.05	ALS_FAAA		
1216.55	**1217.90**	**(FGS, DIO) Felsic Gneiss Sedimentary, Diorite, ( )**	B53485	1216.55	1217.2	0.65	0.181	ALS_FAAA		
Felsic gneiss (S) with minor diorite proximal to upper contact. Moderate foliation and 5-10% fgr-mgr disseminated biotite aligned to foliation 50 dca. Patchy melt texture and felsic-mafic differentiation. Common fractures throughout with HM alteration halos.			B53487	1217.2	1217.9	0.7	0.118	ALS_FAAA		
1217.90	**1220.75**	**(DIO) Diorite, ( )**	B53488	1217.9	1218.7	0.8	0.033	ALS_FAAA		
Diorite with mgr-cgr quartz-feldspar phenocrysts; common disseminated biotite throughout. Sheeted quartz-feldspar veins proximal to lower contatc with intermixed AMPG bands. Local cgr RB in QF vein and patchy cgr biotite.			B53489	1218.7	1219.7	1	0.046	ALS_FAAA		
			B53490	1219.7	1220.75	1.05	0.035	ALS_FAAA		
1220.75	**1222.80**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite**	B53491	1220.75	1221.8	1.05	0.062	ALS_FAAA		
Amphibolite with cgr amphibole porphyroblasts with biotite reaction rims. Weak foliation with biotite aligned along the foliation. Patchy quartz-feldspar clots.			B53493	1221.8	1222.8	1	0.044	ALS_FAAA		
1222.80	**1223.70**	**(UMD, DIO) UM\LAMP Dike, Diorite, ( )**	B53494	1222.8	1223.7	0.9	0.038	ALS_FAAA		
Ultramafic dike with low angle upper contact and minor DIO lenses. brecciated and sinistral offsets along upper contact. Common fgr-mgr xenoliths and/or carbonate inclusions throughout. Strong SER alteration along contacts.										
1223.70	**1224.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53495	1223.7	1224.4	0.7	0.166	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Minor interval of FGS wih mgr-cgr quartz eyes; quartz-feldspar clots and pervasive HM ateration.										
1224.40	**1227.10**	**(DIO) Diorite, ( )**	B53496	1224.4	1225.2	0.8	0.053	ALS_FAAA		
Diorite with mgr quartz-feldspar phenocrysts and 10-15% fgr disseminated biotite throughout. Moderate foliation ~45 dca. Patchy QF with diffuse boundaries; minor quartz-carbonate veinlets with HM alteration halos.			B53497	1225.2	1226.2	1	0.185	ALS_FAAA		
			B53499	1226.2	1227.1	0.9	0.03	ALS_FAAA		
1227.10	**1232.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53500	1227.1	1228.1	1	0.149	ALS_FAAA		
Felsic gneiss (S) with moderate foliation 55 dca and patchy bands and disseminations of amphibole grains. Minor mm-cm quartz veins parallel to foliation. Local interval with breccia and fractures filled with carbonate and HM alteration halo.			B53501	1228.1	1229.1	1	0.065	ALS_FAAA		
			B53502	1229.1	1230.1	1	0.136	ALS_FAAA		
			B53503	1230.1	1231.1	1	0.499	ALS_FAAA		
			B53504	1231.1	1232.05	0.95	0.129	ALS_FAAA		
1232.05	**1233.00**	**(QV) Quartz Vein, ( )**	B53505	1232.05	1233	0.95	0.005	ALS_FAAA		
Massive quartz vein with mgr feldspar grains. Sharp upper contact 75-80 dca and irregular undulating lower contact.										
1233.00	**1236.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53507	1233	1234	1	0.09	ALS_FAAA		
Felsic gneiss (S) with patchy bands of increased amphibole-biotite and assoicated quartz-sulphide veining sheeted along foliation 35-45 dca. Local diffuse potphyritic texture. Massive unmineralized qyuartz veins. Patchy quartz-carbonate veinlets proximal to lower contact with HM alteration halos.			B53508	1234	1235	1	0.226	ALS_FAAA		
			B53509	1235	1235.6	0.6	0.02	ALS_FAAA		
			B53510	1235.6	1236.4	0.8	0.018	ALS_FAAA		
1236.40	**1237.50**	**(DIO) Diorite, ( )**	B53511	1236.4	1237	0.6	0.005	ALS_FAAA		
Diorite with mgr quartz-feldspar rounded phenocrysts; abundant disseminated biotite and sharp contacts parallel to foliation 45 dca.			B53513	1237	1237.5	0.5	0.01	ALS_FAAA		
1237.50	**1247.00**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )**	B53514	1237.5	1238.5	1	0.081	ALS_FAAA		
Felsic gneiss (S) with common bands of amphibolite parallel to foliation 45-55 dca. Local diseminations of amphibole and banding has diffuse boundaries. Patchy sheeted quartz veins or clots along foliation. Later quartz-carbonate vein set perpendicular to foliation; extensional.			B53515	1238.5	1239.4	0.9	0.057	ALS_FAAA		
			B53516	1239.4	1240.3	0.9	0.089	ALS_FAAA		
			B53517	1240.3	1241	0.7	0.119	ALS_FAAA		
			B53519	1241	1241.75	0.75	0.216	ALS_FAAA		
			B53520	1241.75	1242.75	1	0.368	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B53521	1242.75	1243.75	1	1.1	ALS_FAAA		
			B53522	1243.75	1244.6	0.85	0.403	ALS_FAAA		
			B53523	1244.6	1245.5	0.9	0.119	ALS_FAAA		
			B53524	1245.5	1246.25	0.75	0.095	ALS_FAAA		
			B53525	1246.25	1247	0.75	0.166	ALS_FAAA		
1247.00	**1249.10**	**(AMP) Amphibolite, (AMPMG) Magnetite-rich Amphibolite**	B53527	1247	1248	1	0.629	ALS_FAAA		
Amphibolite with patchy MG grains; abundant disseminated PY and minor PO; weak silicification; common disseminated biotite and local bands of CHL-EP. Local quartz-feldspar veins with mgr-cgr biotite along selvages. intercallated felsic bands proximal to lower contact.			B53528	1248	1248.55	0.55	0.628	ALS_FAAA		
			B53529	1248.55	1249.1	0.55	0.538	ALS_FAAA		
1249.10	**1251.25**	**(DIO) Diorite, ( )**	B53530	1249.1	1250	0.9	0.054	ALS_FAAA		
Diorite with mgr quartz-feldspar phenocrysts; weak-moderate foliation 55 dca and minor UMD interval. Local Quartz-feldspar-biotite veins parallel to foliation (PEG).			B53531	1250	1250.6	0.6	0.056	ALS_FAAA		
			B53533	1250.6	1251.25	0.65	0.023	ALS_FAAA		
1251.25	**1253.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53534	1251.25	1252.25	1	0.084	ALS_FAAA		
Felsic gneiss (S) with weak-moderate foliation; 3-5% disseminated biotite; patchy quartz-carbonate veinlets and fracture fill and associated HM alteration halos. Patchy diffuse pegmatitic texture proximal to lower contact. Rare patchy amphibole grains.			B53535	1252.25	1253.2	0.95	0.046	ALS_FAAA		
1253.20	**1259.10**	**(AMP, PEG) Amphibolite, Pegmatite, ( )**	B53536	1253.2	1253.7	0.5	0.044	ALS_FAAA		
AMphibolite with abundant biotite alteration bands; chlorite banding; quartz +/- sulphide veining along sheared fabric and abundant quartz rich pegmatite interval. Pegmatities have diffuse boundaries and commonly contain mgr-cgr amphibole and biotite grains.			B53537	1253.7	1254.6	0.9	0.014	ALS_FAAA		
			B53539	1254.6	1255.5	0.9	0.061	ALS_FAAA		
			B53540	1255.5	1256.1	0.6	0.267	ALS_FAAA		
			B53541	1256.1	1256.7	0.6	0.733	ALS_FAAA		
			B53542	1256.7	1257.6	0.9	0.056	ALS_FAAA		
			B53543	1257.6	1258.2	0.6	0.091	ALS_FAAA		
			B53544	1258.2	1259.1	0.9	0.506	ALS_FAAA		
1259.10	**1281.40**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )**	B53545	1259.1	1260	0.9	0.486	ALS_FAAA		
Felsic gneiss (S) with local intervals of banded bleached amphibole and biotite; occasional patchy Py/Po mineralization. Patchy quartz or quartz-feldspar veining with diffuse boundaries. Patchy melt texture. Localized HM staining associated with fractures. AMP banding could represent weak mineralization; see sub lithology.			B53547	1260	1261	1	0.488	ALS_FAAA		
			B53548	1261	1262	1	0.17	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B53549	1262	1263	1	0.171	ALS_FAAA		
			B53550	1263	1264	1	0.205	ALS_FAAA		
			B53551	1264	1265	1	0.212	ALS_FAAA		
			B53553	1265	1265.6	0.6	0.21	ALS_FAAA		
			B53554	1265.6	1266.35	0.75	0.111	ALS_FAAA		
			B53555	1266.35	1266.95	0.6	0.12	ALS_FAAA		
			B53556	1266.95	1268	1.05	0.11	ALS_FAAA		
			B53557	1268	1269	1	0.088	ALS_FAAA		
			B53559	1269	1270	1	0.144	ALS_FAAA		
			B53560	1270	1271	1	0.071	ALS_FAAA		
			B53561	1271	1272	1	0.205	ALS_FAAA		
			B53562	1272	1272.95	0.95	0.08	ALS_FAAA		
			B53563	1272.95	1273.95	1	0.066	ALS_FAAA		
			B53564	1273.95	1274.9	0.95	0.151	ALS_FAAA		
			B53565	1274.9	1275.9	1	0.12	ALS_FAAA		
			B53567	1275.9	1276.75	0.85	0.101	ALS_FAAA		
			B53568	1276.75	1277.6	0.85	0.096	ALS_FAAA		
			B53569	1277.6	1278.6	1	0.122	ALS_FAAA		
			B53570	1278.6	1279.6	1	0.289	ALS_FAAA		
			B53571	1279.6	1280.6	1	0.316	ALS_FAAA		
			B53573	1280.6	1281.4	0.8	1.085	ALS_FAAA		
1281.40	**1283.10**	**(DIO) Diorite, (DIOHB) Hornblende-rich Diorite** Diorite with mgr-cgr quartz-feldspar; common disseminated amphibole and minor biotite in matrix. Weak to moderate foliation parallel to contacts 60 dca.	B53574	1281.4	1282.25	0.85	0.037	ALS_FAAA		
			B53575	1282.25	1283.1	0.85	0.032	ALS_FAAA		
1283.10	**1286.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gneiss (S) with weak to moderate foliation; patchy diffuse cgr quartz eyes; and local AMP band with biotite bands. 3-5% dissmeinated biotite.	B53576	1283.1	1284.1	1	0.222	ALS_FAAA		
			B53577	1284.1	1284.7	0.6	0.284	ALS_FAAA		
			B53579	1284.7	1285.6	0.9	0.169	ALS_FAAA		
			B53580	1285.6	1286.55	0.95	0.094	ALS_FAAA		
1286.55	**1288.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gniess (S) with patchy quartz-feldpsar vein-patches and strong KSP alteration and chlorite alteration in amphibole bands. Highly deformed and undulating fabric.	B53581	1286.55	1287.2	0.65	0.02	ALS_FAAA		
			B53582	1287.2	1288	0.8	0.055	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1288.00	**1307.34**	**(FGS) Felsic Gneiss Sedimentary, ( )** Felsic gniess (S) with weak-moderate foliation; patchy amphibole-chlorite bands along foliation; local minor intervals of AMP and DIO; patchy disseminations and bands of biotite. Minor quartz-carbonate veinlets with HM alteration halos crosscutting foliation. Rare Py/Po mineralization local AMP interval and banding.	B53583	1288	1289	1	0.122	ALS_FAAA		
			B53584	1289	1290	1	0.18	ALS_FAAA		
			B53585	1290	1290.6	0.6	0.074	ALS_FAAA		
			B53587	1290.6	1291.2	0.6	0.051	ALS_FAAA		
			B53588	1291.2	1291.9	0.7	0.168	ALS_FAAA		
			B53589	1291.9	1292.5	0.6	0.103	ALS_FAAA		
			B53590	1292.5	1293.5	1	0.126	ALS_FAAA		
			B53591	1293.5	1294.5	1	0.243	ALS_FAAA		
			B53593	1294.5	1295.5	1	0.145	ALS_FAAA		
			B53594	1295.5	1296	0.5	0.154	ALS_FAAA		
			B53595	1296	1296.65	0.65	0.181	ALS_FAAA		
			B53596	1296.65	1297.5	0.85	0.145	ALS_FAAA		
			B53597	1297.5	1298.5	1	0.222	ALS_FAAA		
			B53599	1298.5	1299.5	1	0.354	ALS_FAAA		
			B53600	1299.5	1300.5	1	0.099	ALS_FAAA		
			B53601	1300.5	1301	0.5	0.173	ALS_FAAA		
			B53602	1301	1302	1	0.187	ALS_FAAA		
			B53603	1302	1302.8	0.8	0.203	ALS_FAAA		
			B53604	1302.8	1303.7	0.9	0.359	ALS_FAAA		
			B53605	1303.7	1304.65	0.95	0.535	ALS_FAAA		
			B53607	1304.65	1305.6	0.95	0.256	ALS_FAAA		
			B53608	1305.6	1306.45	0.85	0.499	ALS_FAAA		
			B53609	1306.45	1307.34	0.89	0.706	ALS_FAAA		
1307.34	**1322.68**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weak to moderately foliated FGS with patchy quartz eyes texture. Minor FGS biotite banding at the top of the interval and 2 lamprophyre dykes towards the bottom near hematite stained and brecciated zone.	B53610	1307.34	1308.34	1	1.445	ALS_FAAA		
			B53611	1308.34	1309.34	1	0.432	ALS_FAAA		
			B53613	1309.34	1310.3	0.96	0.577	ALS_FAAA		
			B53614	1310.3	1311.3	1	0.069	ALS_FAAA		
			B53615	1311.3	1312.3	1	0.089	ALS_FAAA		
			B53616	1312.3	1313.3	1	0.185	ALS_FAAA		
			B53617	1313.3	1314.3	1	0.446	ALS_FAAA		
			B53619	1314.3	1315.3	1	0.379	ALS_FAAA		
			B53620	1315.3	1316.3	1	0.125	ALS_FAAA		
			B53621	1316.3	1317.25	0.95	0.082	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B53622	1317.25	1318.23	0.98	0.058	ALS_FAAA		
			B53623	1318.23	1319.03	0.8	0.079	ALS_FAAA		
			B53624	1319.03	1319.65	0.62	0.118	ALS_FAAA		
			B53625	1319.65	1320.62	0.97	0.255	ALS_FAAA		
			B53627	1320.62	1321.69	1.07	0.054	ALS_FAAA		
			B53628	1321.69	1322.68	0.99	0.024	ALS_FAAA		
1322.68	**1323.81**	**(DIO) Diorite, ( )** White quartz and feldspar grains/crystals with black groundmass/matrix. Weakly foliated and close to FGS.	B53629	1322.68	1323.81	1.13	0.022	ALS_FAAA		
1323.81	**1333.01**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weak to moderately foliated FGS with patchy cm size quartz eyes.	B53630	1323.81	1324.57	0.76	0.043	ALS_FAAA		
			B53631	1324.57	1325.55	0.98	0.059	ALS_FAAA		
			B53633	1325.55	1326.56	1.01	0.039	ALS_FAAA		
			B53634	1326.56	1327.45	0.89	0.089	ALS_FAAA		
			B53635	1327.45	1328.35	0.9	0.042	ALS_FAAA		
			B53636	1328.35	1329.35	1	0.081	ALS_FAAA		
			B53637	1329.35	1330.15	0.8	0.048	ALS_FAAA		
			B53639	1330.15	1331.05	0.9	0.049	ALS_FAAA		
			B53640	1331.05	1332.1	1.05	0.037	ALS_FAAA		
			B53641	1332.1	1333.01	0.91	0.045	ALS_FAAA		
1333.01	**1335.84**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Fine grained felsic gneiss with section of Intermediate amphibolite bounding 5cm qtz/feldspar vein.	B53642	1333.01	1333.72	0.71	0.248	ALS_FAAA		
			B53643	1333.72	1334.62	0.9	0.11	ALS_FAAA		
			B53644	1334.62	1335.2	0.58	0.168	ALS_FAAA		
			B53645	1335.2	1335.84	0.64	0.11	ALS_FAAA		
1335.84	**1336.87**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Very fine to fine grain Intermediate amphibolite with chill margin 25cm long starting at 1336.62m next to lamprophyre.	B53647	1335.84	1336.87	1.03	0.106	ALS_FAAA		
1336.87	**1338.51**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B53648	1336.87	1337.76	0.89	0.0025	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Dominantly black lamprophyre with trace carbonate veinlets near top; moderate xenolith throughout and green altered breccia zone near centre.	B53649	1337.76	1338.51	0.75	0.061	ALS_FAAA		
1338.51	**1339.92**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53650	1338.51	1339.2	0.69	0.088	ALS_FAAA		
		Fine grained felsic gneiss with moderate foliation and increased biotite.	B53651	1339.2	1339.92	0.72	0.32	ALS_FAAA		
1339.92	**1347.35**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53653	1339.92	1340.9	0.98	0.194	ALS_FAAA		
		Felsic gneiss with patchy quartz eyes texture; weak foliation; feldspar halos around veins and moderate chlorite in veins.	B53654	1340.9	1341.9	1	0.072	ALS_FAAA		
			B53655	1341.9	1342.8	0.9	0.227	ALS_FAAA		
			B53656	1342.8	1343.8	1	1.275	ALS_FAAA		
			B53657	1343.8	1344.8	1	1.835	ALS_FAAA		
			B53659	1344.8	1345.72	0.92	0.296	ALS_FAAA		
			B53660	1345.72	1346.52	0.8	0.29	ALS_FAAA		
			B53661	1346.52	1347.35	0.83	0.384	ALS_FAAA		
1347.35	**1352.49**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53662	1347.35	1348	0.65	0.159	ALS_FAAA		
		Felsic gneiss with variable amounts of biotite across interval.	B53663	1348	1349	1	0.129	ALS_FAAA		
			B53664	1349	1350	1	0.042	ALS_FAAA		
			B53665	1350	1350.8	0.8	0.042	ALS_FAAA		
			B53667	1350.8	1351.5	0.7	0.035	ALS_FAAA		
			B53668	1351.5	1352.49	0.99	0.0025	ALS_FAAA		
1352.49	**1353.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	B53669	1352.49	1353.11	0.62	0.0025	ALS_FAAA		
			B53670	1353.11	1353.75	0.64	0.021	ALS_FAAA		
		Black and green amphibolite with changing amounts of amphiboles and biotite over interval.								
1353.75	**1355.12**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53671	1353.75	1354.35	0.6	0.071	ALS_FAAA		
		Felsic gneiss that has varying amounts of minerals throughout. Weak banding over interval.	B53673	1354.35	1355.12	0.77	0.059	ALS_FAAA		
1355.12	**1356.04**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	B53674	1355.12	1356.04	0.92	0.168	ALS_FAAA		
		Green and black amphibolite with variable amounts of amphibole and biotite over the								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
interval.										
1356.04	**1360.06**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53675	1356.04	1356.84	0.8	2.03	ALS_FAAA		
Banded and variable felsic gneiss with sections containing quartz eyes; different colours corresponding to change in mineral content.			B53676	1356.84	1357.84	1	0.204	ALS_FAAA		
			B53677	1357.84	1358.72	0.88	0.057	ALS_FAAA		
			B53679	1358.72	1359.42	0.7	0.12	ALS_FAAA		
			B53680	1359.42	1360.06	0.64	0.09	ALS_FAAA		
1360.06	**1362.20**	**(FGC) Felsic Gneiss Conglomerate, ( )**	B53681	1360.06	1361.13	1.07	0.199	ALS_FAAA		
Felsic conglomerate with moderate elongation of conglomerate clasts. Interbedded with thin; finer FGS units.			B53682	1361.13	1362.2	1.07	0.193	ALS_FAAA		
1362.20	**1365.49**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B53683	1362.2	1363.14	0.94	0.019	ALS_FAAA		
Dark grey felsic gneiss with variable amounts of biotite.			B53684	1363.14	1364	0.86	0.031	ALS_FAAA		
			B53685	1364	1364.74	0.74	0.186	ALS_FAAA		
			B53687	1364.74	1365.49	0.75	0.043	ALS_FAAA		
1365.49	**1373.44**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )**	B53688	1365.49	1366.25	0.76	0.0025	ALS_FAAA		
Dark grey felsic gneiss grading between FGS and AMP intermediate.			B53689	1366.25	1366.97	0.72	0.048	ALS_FAAA		
			B53690	1366.97	1367.84	0.87	0.085	ALS_FAAA		
			B53691	1367.84	1368.6	0.76	0.009	ALS_FAAA		
			B53693	1368.6	1369.5	0.9	0.09	ALS_FAAA		
			B53694	1369.5	1370.3	0.8	0.333	ALS_FAAA		
			B53695	1370.3	1371.2	0.9	0.035	ALS_FAAA		
			B53696	1371.2	1372.1	0.9	0.105	ALS_FAAA		
			B53697	1372.1	1372.98	0.88	0.105	ALS_FAAA		
			B53699	1372.98	1373.44	0.46	0.041	ALS_FAAA		
1373.44	**1379.04**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**	B53700	1373.44	1374.3	0.86	0.625	ALS_FAAA		
FGS with coarser grain size and a few pegmatites interbedded throughout interval.			B53701	1374.3	1375.02	0.72	0.21	ALS_FAAA		
			B53702	1375.02	1375.97	0.95	0.23	ALS_FAAA		
			B53703	1375.97	1377	1.03	0.228	ALS_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B53704	1377	1378.02	1.02	0.097	ALS_FAAA		
			B53705	1378.02	1378.67	0.65	0.093	ALS_FAAA		
			B53707	1378.67	1379.04	0.37	0.062	ALS_FAAA		
1379.04	**1383.00**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )**	B53708	1379.04	1380	0.96	0.16	ALS_FAAA		
FGS with magnetic amphibolite between 1382.03-70m. ORIGINAL EOH=1383m; In 2019 extended to 1583			B53709	1380	1380.63	0.63	0.113	ALS_FAAA		
			B53710	1380.63	1381.45	0.82	0.036	ALS_FAAA		
			B53711	1381.45	1382.02	0.57	0.086	ALS_FAAA		
			B53713	1382.02	1383	0.98	0.066	ALS_FAAA		
1383.00	**1389.09**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70002	1384	1385	1	0.073	AGAT_FAICP		
fine to med mod to weakly fol light grey to slightly pinkish FGS with qtz eyes; weak fine to med mostly wispy bio; weak fine dissem anh py; upper part 45cm missing due to extension of older hole			C70003	1385	1386	1	0.069	AGAT_FAICP		
			C70004	1386	1387	1	0.011	AGAT_FAICP		
			C70005	1387	1388	1	0.03	AGAT_FAICP		
			C70007	1388	1389.09	1.09	0.028	AGAT_FAICP		
			D74174	1383.45	1384	0.55	0.069	AGAT_FAICP		
1389.09	**1390.27**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)**	C70008	1389.09	1389.65	0.56	0.053	AGAT_FAICP		
coarse to very coarse pink-white massive Peg with slivers of FGS up to 18cm thick of FGS as above; weak dissem fine an py mainly in the FGS; upper contact sharp along a 1cm thick fol parallel QF band			C70009	1389.65	1390.27	0.62	0.023	AGAT_FAICP		
1390.27	**1396.92**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70010	1390.27	1391	0.73	0.02	AGAT_FAICP		
fine to med mod to weakly fol light grey to slightly pinkish FGS with occasional qtz eyes; weak fine to med mostly wispy bio; weak fine dissem anh py; upper contact sharp; band of AMP at 1393.08-1393.51 and AMPG at 1396.24-1396.36; patchy Ksp alt below 1393.37; brx-fract zone at 1393.37-1394.02			C70011	1391	1392	1	0.128	AGAT_FAICP		
			C70013	1392	1393.08	1.08	0.042	AGAT_FAICP		
			C70014	1393.08	1394.02	0.94	0.017	AGAT_FAICP		
			C70015	1394.02	1395	0.98	0.154	AGAT_FAICP		
			C70016	1395	1396	1	0.057	AGAT_FAICP		
			C70017	1396	1396.92	0.92	0.031	AGAT_FAICP		
1396.92	**1401.17**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**	C70019	1396.92	1398	1.08	0.012	AGAT_FAICP		
fine to coarse weakly to mod fol am and fsp por DIOAM; weak to mod fine to med porphyritic			C70020	1398	1399	1	0.17	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		am; weak fine to med bio; very weak fine dissem anh py; sharp upper contact	C70021	1399	1400	1	0.003	AGAT_FAICP		
			C70022	1400	1401.17	1.17	0.017	AGAT_FAICP		
1401.17	**1401.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med mod to weakly fol light grey to slightly pinkish FGS with occasional qtz eyes; weak fine to med bio; weak fine dissem anh py; upper contact sharp; Ksp alt	C70023	1401.17	1401.85	0.68	0.059	AGAT_FAICP		
1401.85	**1402.38**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** fine to coarse mod fol am and fsp por DIOAM; weak to mod fine to med porphyritic am; weak fine to med bio; very weak fine dissem anh py; sharp upper contact; Ksp alt	C70024	1401.85	1402.38	0.53	0.017	AGAT_FAICP		
1402.38	**1408.66**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** fine to coarse weakly to mod fol greyish-pink FGS with med to coarse qtz eyes; weak fine to med bio; scattered med am; weak fine dissem anh py; frequ cm thick fol parallel and irreg stringers of QF; upper contact sharp; mod patchy KSP alteration	C70025	1402.38	1403	0.62	0.052	AGAT_FAICP		
			C70027	1403	1404	1	0.061	AGAT_FAICP		
			C70028	1404	1405	1	0.068	AGAT_FAICP		
			C70029	1405	1406	1	0.036	AGAT_FAICP		
			C70030	1406	1407	1	0.025	AGAT_FAICP		
			C70031	1407	1408	1	0.039	AGAT_FAICP		
			C70033	1408	1408.66	0.66	0.043	AGAT_FAICP		
1408.66	**1410.06**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** coarse to very coarse massive pink-white PEG; upper contact sharp; some cm-sized rondish patches of med to coarse AM	C70034	1408.66	1409.3	0.64	0.032	AGAT_FAICP		
			C70035	1409.3	1410.06	0.76	0.017	AGAT_FAICP		
1410.06	**1412.29**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** fine to coarse weakly to mod fol greyish-pink FGS with sporadic med to coarse qtz eyes; weak fine to med bio; scattered med am; weak fine dissem anh py; frequ cm thick fol parallel and irreg stringers of QF; upper contact sharp; weak patchy KSP alteration	C70036	1410.06	1411	0.94	0.256	AGAT_FAICP		
			C70037	1411	1411.7	0.7	0.301	AGAT_FAICP		
			C70039	1411.7	1412.29	0.59	0.14	AGAT_FAICP		
1412.29	**1413.70**	**(AMP) Amphibolite, ( )** med weakly fol green AMP; very strong med am; very weak fine to med bio; no sulphides; not mag; upper contact sharp	C70040	1412.29	1413	0.71	0.073	AGAT_FAICP		
			C70041	1413	1413.7	0.7	0.107	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1413.70	**1417.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol greyish-pink FGS with sporadic med to coarse qtz eyes; weak fine to med bio; scattered med am; weak fine dissem anh py; upper contact sharp; minor KSp alt haloes	C70042	1413.7	1414.4	0.7	0.073	AGAT_FAICP		
			C70043	1414.4	1415	0.6	0.074	AGAT_FAICP		
			C70044	1415	1416	1	0.062	AGAT_FAICP		
			C70045	1416	1417	1	0.014	AGAT_FAICP		
			C70047	1417	1417.7	0.7	0.016	AGAT_FAICP		
1417.70	**1419.62**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** coare to very coarse Peg with slivers of up to 15 cm thickness of FGS as described above; PEG is grey-white; massive; with some roundish patches of AMP up to 8 cm in length and 3 cm in width; upper contact diffuse; 13cm thick AMP band that contains abund cpx at 1418.61-1418.78	C70048	1417.7	1418.6	0.9	0.025	AGAT_FAICP		
			C70049	1418.6	1419.62	1.02	0.024	AGAT_FAICP		
1419.62	**1420.65**	**(AMP) Amphibolite, ( )** med weakly fol green AMP; very strong med am; very weak fine to med bio; find diss weak anh py; not mag; upper contact sharp; rel freq mm-thick rel planar bands of fine cpx	C70050	1419.62	1420.65	1.03	0.01	AGAT_FAICP		
1420.65	**1424.96**	**(DIO, PEG) Diorite, Pegmatite, (DIOAM) Diorite with amphibole** fine to med weakly to mod fol am and fsp por DIOAM with mm- to cm-thick mostl fol parallel stringers of PEG; weak to mod fine to med porphyritic am gradually increasing from upper contact to 1421.74; weak fine to med bio; very weak fine dissem anh py; sharp upper contact; Ksp alt	C70051	1420.65	1421.74	1.09	0.031	AGAT_FAICP		
			C70053	1421.74	1422.4	0.66	0.024	AGAT_FAICP		
			C70054	1422.4	1423	0.6	0.018	AGAT_FAICP		
			C70055	1423	1424	1	0.067	AGAT_FAICP		
			C70056	1424	1424.96	0.96	0.023	AGAT_FAICP		
1424.96	**1425.80**	**(PEG, DIO) Pegmatite, Diorite, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coares pink-white mas Peg with slivers up to 10cm thick of DIOAM as described above; upper contact sharp; some roundish patshes of med to caorse am up to 3cm in size	C70057	1424.96	1425.8	0.84	0.024	AGAT_FAICP		
1425.80	**1426.97**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** green grey pinkish AMPIN; med to carse am porphyritic; rel sim to above DIOAM but higer med am content; weak fine to med bio; weak fine dissem anh py; upper contact sharp along brexiation zone	C70059	1425.8	1426.79	0.99	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1426.97	**1430.66**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** fine to med weakly to mod fol FGS with mm- to cm-thick mostl fol parallel stringers of PEG and some dm-thick coarser PEG sections; occasionaly weak fine to med porphyritic am ; weak fine to med bio; very weak fine dissem anh py; sharp upper contact; Ksp alt	C70060	1426.79	1427.2	0.41	0.01	AGAT_FAICP		
			C70061	1427.2	1428.2	1	0.04	AGAT_FAICP		
			C70062	1428.2	1428.72	0.52	0.01	AGAT_FAICP		
			C70063	1428.72	1429.7	0.98	0.02	AGAT_FAICP		
			C70064	1429.7	1430.66	0.96	0.053	AGAT_FAICP		
1430.66	**1431.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to med slightly am por mod fol green AMPIN; mod fine to med am; weak to mod fine to med bio; no sul; upper contact sharp	C70065	1430.66	1431.3	0.64	0.019	AGAT_FAICP		
1431.30	**1432.56**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol light grey FGS; weak fine to med bio; weak fine dissem anh py; upper contact sharp; some minor irreg cm-sized diffuse patches of QF; rock is weakly banded (mm-thick fol parallel bands defined by increased bio)	C70067	1431.3	1432.02	0.72	0.038	AGAT_FAICP		
			C70068	1432.02	1432.56	0.54	0.063	AGAT_FAICP		
1432.56	**1436.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** fine to med weakly to mod fol light grey FGSMU; weak fine to med bio; increased bio below 1436.05; very weak fine scattered aggreg of musco; below 1436.5 weak scattered fine to med subh gar; weak fine dissem anh py; below 1436 increased py and appearance of fine dissem anh po both with wispy fol parallel habit; upper contact grad; some minor fol parallel stringers up to 1.2 cm-thick QF; rock is weakly banded (mm-thick fol parallel bands defined by increased bio); weak Ksp/ser haloes along qtz-carb stringers that are more intensified below 1436.05	C70069	1432.56	1433.4	0.84	0.072	AGAT_FAICP		
			C70070	1433.4	1434	0.6	0.05	AGAT_FAICP		
			C70071	1434	1435	1	0.11	AGAT_FAICP		
			C70073	1435	1436.05	1.05	0.158	AGAT_FAICP		
			C70074	1436.05	1436.66	0.61	1.61	AGAT_FAICP		
1436.66	**1438.47**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** med grey-brownish mod to strongly fol GBFG with very few 'dislocated' lenses of grey qtz up to 1.2cm in lengh occasioally with long axis along fol; latter have generally bio matrix wrapped around them; slightly banded with locally having a conglomeratic appearance due to pinching out band terminations; mod to str med bio; mod fine to med subh gar mainly as mm-thick bands ligned up along fol; weak fine to med aggre of musco; weak localized fine to med aggreg of sil; weak to mod fol parallel wisps of fine py and po; locally a weak crenulation; upper contact sharp along a PEG; this upper PEG contact cuts fo of above unit	C70075	1436.66	1437	0.34	0.469	AGAT_FAICP		
			C70076	1437	1437.7	0.7	0.186	AGAT_FAICP		
			C70077	1437.7	1438.47	0.77	0.26	AGAT_FAICP		
1438.47	**1439.52**	**(FGG) Felsic Gneiss Granitic, ( )** med grained light grey mod fol FGG; with mod med to coarse aggreg of musco; weak med aggreg of sil; scattered fine fol paralel aggreg of subh gar; very weak fine bio; weak dissem fol paralle wisps of py and po; upper contact sharp along a PEG	C70079	1438.47	1438.84	0.37	0.064	AGAT_FAICP		
			C70080	1438.84	1439.52	0.68	0.1	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1439.52	**1440.30**	**(AMP) Amphibolite, ( )** fine to med weakly to mod fol green AMP; strong fine to med am; slight banded with bands defined by grainsized differences of am; weak fine to med bio; no sulphides; upper contact sharp	C70081	1439.52	1440.3	0.78	0.087	AGAT_FAICP		
1440.30	**1443.07**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey weakly to mod fol FGS; very weak fine to med bio; weak fine dissem py and po; upper contact sharp; band of strong ser alt at 1442.5-1442.59	C70082	1440.3	1441.5	1.2	0.156	AGAT_FAICP		
			C70083	1441.5	1442.2	0.7	0.076	AGAT_FAICP		
			C70084	1442.2	1443.07	0.87	0.059	AGAT_FAICP		
1443.07	**1452.15**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** fine to coarse strongly bio por mod to strongly fol and regularly crenulated green AMPUM; med to coarse lensoide bio por aggregates within strong med am matrix; no sulphides; upper contact sharp along a flt; deacresing am and bio from 1449.69 to end of interval	C70085	1443.07	1444	0.93	0.135	AGAT_FAICP		
			C70087	1444	1445	1	0.113	AGAT_FAICP		
			C70088	1445	1446	1	0.004	AGAT_FAICP		
			C70089	1446	1447	1	0.011	AGAT_FAICP		
			C70090	1447	1448	1	0.004	AGAT_FAICP		
			C70091	1448	1449	1	0.035	AGAT_FAICP		
			C70093	1449	1449.69	0.69	0.038	AGAT_FAICP		
			C70094	1449.69	1450.4	0.71	0.096	AGAT_FAICP		
			C70095	1450.4	1451.3	0.9	0.133	AGAT_FAICP		
			C70096	1451.3	1452.15	0.85	0.107	AGAT_FAICP		
1452.15	**1453.69**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey weakly to mod fol FGS with occasioal qtz eyes; weak dissem anh py; upper contact sharp	C70097	1452.15	1453	0.85	0.342	AGAT_FAICP		
			C70099	1453	1453.69	0.69	0.308	AGAT_FAICP		
1453.69	**1456.46**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** interlayered dm-thick sections of FGS as above and AMPFW as below	C70100	1453.69	1454.25	0.56	0.151	AGAT_FAICP		
			C70101	1454.25	1455.06	0.81	0.195	AGAT_FAICP		
			C70102	1455.06	1455.73	0.67	1.25	AGAT_FAICP		
			C70103	1455.73	1456.16	0.43	0.461	AGAT_FAICP		
			C70104	1456.16	1456.46	0.3	0.05	AGAT_FAICP		
1456.46	**1460.44**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW; strong fine to med am; weak to mod fol paral	C70105	1456.46	1457.45	0.99	0.055	AGAT_FAICP		
			C70107	1457.45	1458.45	1	0.096	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		fine to med wisps of po with lesser py; upper contact sharp along a PEG wiht strong Ksp/Ser alt halo 12cm into AMPFW from the Peg contact; patchy bandy cm sized/thick irreg fine cpx; section of FGS at 1460.12-1460.44	C70108	1458.45	1459.45	1	0.731	AGAT_FAICP		
			C70109	1459.45	1460.44	0.99	0.422	AGAT_FAICP		
1460.44	**1462.38**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70110	1460.44	1461.3	0.86	0.53	AGAT_FAICP		
		fine to med light grey weakly to mod fol FGS; weak fine to med bio; wea fine dissem anh py; occoasonal cm-sized patches of bleaching plus KSp alteration; upper contact sharp	C70111	1461.3	1462	0.7	0.437	AGAT_FAICP		
			C70113	1462	1462.38	0.38	0.197	AGAT_FAICP		
1462.38	**1465.51**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C70114	1462.38	1463.15	0.77	0.223	AGAT_FAICP		
		fine to med light grey weakly to mod fol banded FGSU; weak fine to med bio that defines the bands; weak fine to med aggre of musco; weak scatterd fine to med subh gar; weak fine to med aggreg of sil; weak fine dissem wisps of py and po; upper contact sharp along a PEG	C70115	1463.15	1464	0.85	0.205	AGAT_FAICP		
			C70116	1464	1464.66	0.66	0.216	AGAT_FAICP		
			C70117	1464.66	1465.51	0.85	0.255	AGAT_FAICP		
1465.51	**1467.87**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)**	C70119	1465.51	1466.35	0.84	0.214	AGAT_FAICP		
		ligth to dark grey med to coarse PEG; massive; mainly light grey to dark grey fsps; grey qtz less than 15%; abund 2% Po+Py as irreg sub mm-thick up to 1cm long interstitial fillings; some very coarse bio; Vein host is a mix of AMP-FW and FGSMU with local sil as unit desribed above	C70120	1466.35	1467	0.65	0.298	AGAT_FAICP		
			C70121	1467	1467.87	0.87	0.631	AGAT_FAICP		
1467.87	**1468.38**	**(MAM) Mottled Amphibolite, ( )**	C70122	1467.87	1468.38	0.51	0.564	AGAT_FAICP		
		MAM looking section within the PEG; a mix of AMPFW (strong patchy looking AMP with fine gar; cpx patches; and po mineralization) and beige silicified bio rich rock that containx cm-thick bands of dark grey qtz both mod mineralized by fine anh dissem po and py; upper and lower contact not parallel								
1468.38	**1470.38**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)**	C70123	1468.38	1469	0.62	0.415	AGAT_FAICP		
		ligth to dark grey med to coarse PEG; massive; mainly light grey to dark grey fsps; grey qtz less than 15%; abund 2% Po+Py as irreg sub mm-thick up to 1cm long interstitial fillings; some very coarse bio; Vein host is a mix of AMP-FW and FGSMU with local sil as unit desribed above	C70124	1469	1469.7	0.7	0.402	AGAT_FAICP		
			C70125	1469.7	1470.38	0.68	0.184	AGAT_FAICP		
1470.38	**1471.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70127	1470.38	1471.45	1.07	0.202	AGAT_FAICP		
		fine to med weakly to mod fol light grey FGS; upper contact sharp; very weak fine dissem py								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1471.45	**1481.21**	**(AMP, PEG) Amphibolite, Pegmatite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW with rel frequ mostly fol parallel stringers of QF; patches and bands (mostly irreg and cm-sized) of fine cpx; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact sharp; strong fine to med am; very weak fine to med bio	C70128	1471.45	1472	0.55	0.646	AGAT_FAICP		
			C70129	1472	1473	1	0.021	AGAT_FAICP		
			C70130	1473	1474	1	0.275	AGAT_FAICP		
			C70131	1474	1475	1	0.285	AGAT_FAICP		
			C70133	1475	1475.98	0.98	0.258	AGAT_FAICP		
			C70134	1475.98	1477	1.02	0.122	AGAT_FAICP		
			C70135	1477	1477.7	0.7	0.311	AGAT_FAICP		
			C70136	1477.7	1478.34	0.64	0.137	AGAT_FAICP		
			C70137	1478.34	1478.97	0.63	0.034	AGAT_FAICP		
			C70139	1478.97	1479.83	0.86	0.284	AGAT_FAICP		
			C70140	1479.83	1480.5	0.67	0.224	AGAT_FAICP		
			C70141	1480.5	1481.21	0.71	0.58	AGAT_FAICP		
1481.21	**1482.23**	**(FGS) Felsic Gneiss Sedimentary, ( )** strongly ser/ksp alt wealy to mod fol geenish-orange FGS; very weak fine to med bio; very weak fine to med am; some roundish cm-sized patches of AMP as described above and below; upper contact sharp; weak fine dissem anh py	C70142	1481.21	1482.23	1.02	0.339	AGAT_FAICP		
1482.23	**1491.53**	**(AMP, PEG) Amphibolite, Pegmatite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW with rel frequ mostly fol parallel stringers of QF; patches and bands (mostly irreg and cm-sized) of fine cpx; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact grad; strong fine to med am; very weak fine to med bio; some dm-thick zones with strong ser alt	C70143	1482.23	1483	0.77	0.123	AGAT_FAICP		
			C70144	1483	1484	1	0.136	AGAT_FAICP		
			C70145	1484	1485	1	0.647	AGAT_FAICP		
			C70147	1485	1486	1	0.286	AGAT_FAICP		
			C70148	1486	1487	1	0.153	AGAT_FAICP		
			C70149	1487	1488	1	0.342	AGAT_FAICP		
			C70150	1488	1489	1	0.065	AGAT_FAICP		
			C70151	1489	1490.18	1.18	0.382	AGAT_FAICP		
			C70153	1490.18	1490.76	0.58	0.162	AGAT_FAICP		
			C70154	1490.76	1491.53	0.77	0.463	AGAT_FAICP		
1491.53	**1494.35**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol light grey FGS; upper contact sharp; very weak fine dissem py	C70155	1491.53	1492.5	0.97	0.267	AGAT_FAICP		
			C70156	1492.5	1493.5	1	0.038	AGAT_FAICP		
			C70157	1493.5	1494.35	0.85	0.051	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1494.35	**1495.66**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW with rel frequ mostly fol parallel stringers of QF; patches and bands (mostly irreg and cm-sized) of fine cpx; weak fine to med fol parallel wisps of po; upper contact grad; strong fine to med am; very weak fine to med bio	C70159	1494.35	1495	0.65	0.025	AGAT_FAICP		
			C70160	1495	1495.66	0.66	0.002	AGAT_FAICP		
1495.66	**1498.42**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol light grey FGS; upper contact sharp; very weak fine dissem py	C70161	1495.66	1496.5	0.84	0.054	AGAT_FAICP		
			C70162	1496.5	1497.5	1	0.128	AGAT_FAICP		
			C70163	1497.5	1498.42	0.92	0.008	AGAT_FAICP		
1498.42	**1502.40**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW; patches and bands (mostly irreg and cm-sized) of fine cpx; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact grad; strong fine to med am; very weak fine to med bio; some dm-thick zones with strong ser alt	C70164	1498.42	1499.4	0.98	0.118	AGAT_FAICP		
			C70165	1499.4	1500.4	1	0.022	AGAT_FAICP		
			C70167	1500.4	1501.4	1	0.019	AGAT_FAICP		
			C70168	1501.4	1502.4	1	0.024	AGAT_FAICP		
1502.40	**1503.32**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol light grey FGS (mof por: "DIO" text); upper contact sharp; very weak fine dissem py	C70169	1502.4	1503.32	0.92	0.009	AGAT_FAICP		
1503.32	**1525.17**	**(AMP, PEG) Amphibolite, Pegmatite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW with freq generally fol parallel stringers up to 1.5cm thick of QF; patches and bands (mostly irreg and cm-sized) of fine cpx; some sporadic localized med sub gar; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact grad; strong fine to med am; very weak fine to med bio; some cm- to dm-thick zones with strong ser alt; section of less am and more bio at 1523.38-1523.02	C70170	1503.32	1504	0.68	0.026	AGAT_FAICP		
			C70171	1504	1505	1	0.015	AGAT_FAICP		
			C70173	1505	1506	1	0.012	AGAT_FAICP		
			C70174	1506	1507	1	0.007	AGAT_FAICP		
			C70175	1507	1508	1	0.008	AGAT_FAICP		
			C70176	1508	1509	1	0.009	AGAT_FAICP		
			C70177	1509	1510	1	0.018	AGAT_FAICP		
			C70179	1510	1511	1	0.015	AGAT_FAICP		
			C70180	1511	1512	1	0.006	AGAT_FAICP		
			C70181	1512	1513	1	0.025	AGAT_FAICP		
			C70182	1513	1513.6	0.6	0.007	AGAT_FAICP		
			C70183	1513.6	1514.5	0.9	0.012	AGAT_FAICP		
			C70184	1514.5	1515	0.5	0.005	AGAT_FAICP		
			C70185	1515	1516	1	0.006	AGAT_FAICP		
			C70187	1516	1517	1	0.009	AGAT_FAICP		
			C70188	1517	1518	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C70189	1518	1519	1	0.006	AGAT_FAICP		
			C70190	1519	1520	1	0.011	AGAT_FAICP		
			C70191	1520	1521	1	0.006	AGAT_FAICP		
			C70193	1521	1522	1	0.021	AGAT_FAICP		
			C70194	1522	1523.02	1.02	0.01	AGAT_FAICP		
			C70195	1523.02	1524	0.98	0.006	AGAT_FAICP		
			C70196	1524	1525.17	1.17	0.038	AGAT_FAICP		
1525.17	**1529.00**	**(DIO) Diorite, ( )**	C70197	1525.17	1526	0.83	0.01	AGAT_FAICP		
fine to med weakly to mod fol light grey med fsp porphyritic DIO; upper contact sharp; very weak very fine dissem anh py; weak fine to med bio			C70199	1526	1527	1	0.005	AGAT_FAICP		
			C70200	1527	1528	1	0.005	AGAT_FAICP		
			C70201	1528	1529	1	0.007	AGAT_FAICP		
1529.00	**1533.98**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C70202	1529	1530	1	0.013	AGAT_FAICP		
fine to med weakly to mod fol green AMPFW; patches and bands (mostly irreg and cm-sized) of fine cpx; frequent localized med to coarse sub gar; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact sharp; strong fine to med am; very weak fine to med bio; some cm- to dm-thick zones with strong ser alt			C70203	1530	1531	1	0.006	AGAT_FAICP		
			C70204	1531	1532	1	0.013	AGAT_FAICP		
			C70205	1532	1533	1	0.018	AGAT_FAICP		
			C70207	1533	1533.98	0.98	0.016	AGAT_FAICP		
1533.98	**1535.04**	**(DIO) Diorite, ( )**	C70208	1533.98	1535.04	1.06	0.008	AGAT_FAICP		
fine to med mod fol light grey med fsp porphyritic DIO; upper contact sharp; very weak very fine dissem anh py; weak fine to med bio										
1535.04	**1536.03**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C70209	1535.04	1536.03	0.99	0.011	AGAT_FAICP		
fine to med weakly to mod fol green AMPFW; patches and bands (mostly irreg and cm-sized) of fine cpx; sporadic localized med to coarse sub gar; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact sharp; strong fine to med am; very weak fine to med bio; some cm- to dm-thick zones with strong ser alt										
1536.04	**1536.45**	**(DIO) Diorite, ( )**	C70210	1536.03	1536.45	0.42	0.002	AGAT_FAICP		
strongly ser/ksp haloes alt fine to med weakly to mod fol light grey med fsp porphyritic DIO; upper contact sharp; very weak very fine dissem anh py; weak fine to med bio										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1536.45	**1538.08**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW; patches and bands (mostly irreg and cm-sized) of fine cpx; sporadic localized med to coarse sub gar; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact sharp; strong fine to med am; very weak fine to med bio; freq cm- to dm-thick zones with strong ser alt	C70211	1536.45	1537.3	0.85	0.024	AGAT_FAICP		
			C70213	1537.3	1538.08	0.78	0.017	AGAT_FAICP		
1538.08	**1538.60**	**(DIO) Diorite, ( )** fine to med weakly to mod mod fol light grey med fsp porphyritic DIO; upper contact sharp; very weak very fine dissem anh py; weak fine to med bio	C70214	1538.08	1538.6	0.52	0.006	AGAT_FAICP		
1538.60	**1541.12**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coare white-grey mas PEG with slivers of mod fol FGSBI up to 25cm thick; generally irragualr wavy diffuse contact betw the two; weak mm-sized irreg shaped po and py; upper contact sharp	C70215	1538.6	1539.4	0.8	0.002	AGAT_FAICP		
			C70216	1539.4	1540.2	0.8	0.003	AGAT_FAICP		
			C70217	1540.2	1541.12	0.92	0.009	AGAT_FAICP		
1541.12	**1545.05**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** fine to med weakly to mod fol green AMPFW; patches and bands (mostly irreg and cm-sized) of fine cpx; sporadic localized med to coarse sub gar; weak fine to med fol parallel wisps of po; loccally weakly magnetic; upper contact sharp; strong fine to med am; very weak fine to med bio	C70219	1541.12	1542	0.88	0.009	AGAT_FAICP		
			C70220	1542	1543	1	0.016	AGAT_FAICP		
			C70221	1543	1544	1	0.031	AGAT_FAICP		
			C70222	1544	1545.05	1.05	0.027	AGAT_FAICP		
1545.05	**1546.26**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to med white-grey mas PEG with a few slivers of weakly fol FGSBI up to 5cm thick; generally irragualr wavy diffuse contact betw the two; weak mm-sized irreg shaped po and py; upper contact sharp; grades into FGS below; at upper contact a 5cm thick qtz vein with abund po at its margins	C70223	1545.05	1546.26	1.21	0.002	AGAT_FAICP		
1546.26	**1547.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly fol ligtht grey FGS with mod frequ haloes of KSP/Ser alt; very weak fine to med bio; weak fine dissem anh py; upper contact diffuse	C70224	1546.26	1546.9	0.64	0.014	AGAT_FAICP		
			C70225	1546.9	1547.65	0.75	0.002	AGAT_FAICP		
1547.65	**1549.47**	**(DIO) Diorite, ( )** fine to med weakly to mod mod fol light grey med fsp porphyritic DIO; upper contact sharp; very weak very fine dissem anh py; weak fine to med bio	C70227	1547.65	1548.5	0.85	0.005	AGAT_FAICP		
			C70228	1548.5	1549.47	0.97	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1549.47	**1557.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly fol ligtht grey FGS; locally med fsp por; with mod frequ haloes of KSP/Ser alt; very weak fine to med bio; weak fine dissem anh py; upper contact sharp; some alt haloes of ser/alt along qtz-carb hairline	C70229	1549.47	1550	0.53	0.006	AGAT_FAICP		
			C70230	1550	1551	1	0.002	AGAT_FAICP		
			C70231	1551	1552	1	0.001	AGAT_FAICP		
			C70233	1552	1553	1	0.002	AGAT_FAICP		
			C70234	1553	1554	1	0.004	AGAT_FAICP		
			C70235	1554	1555	1	0.002	AGAT_FAICP		
			C70236	1555	1556	1	0.003	AGAT_FAICP		
			C70237	1556	1557	1	0.004	AGAT_FAICP		
			C70239	1557	1557.9	0.9	0.006	AGAT_FAICP		
1557.90	**1559.00**	**(AMP) Amphibolite, ( )** med to coarse por green AMP; strong med to coarse am; mod med to coarse bio; am por; weak threads fol par of py and po; upper contact sharp	C70240	1557.9	1559	1.1	0.004	AGAT_FAICP		
1559.00	**1569.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly fol ligtht grey FGS; locally QTZ EYES; with mod frequ haloes of KSP/Ser alt; weak fine to med bio; weak fine dissem anh py; upper contact sharp; some alt haloes of ser/alt along qtz-carb hairline; EOH @ 1569.45	C70241	1559	1560	1	0.006	AGAT_FAICP		
			C70242	1560	1561	1	0.025	AGAT_FAICP		
			C70243	1561	1562	1	0.011	AGAT_FAICP		
			C70244	1562	1563	1	0.011	AGAT_FAICP		
			C70245	1563	1564	1	0.005	AGAT_FAICP		
			C70247	1564	1565	1	0.002	AGAT_FAICP		
			C70248	1565	1566	1	0.003	AGAT_FAICP		
			C70249	1566	1567	1	0.005	AGAT_FAICP		
			C70250	1567	1568	1	0.003	AGAT_FAICP		
			D62381	1568	1569.45	1.45	0.006	AGAT_FAICP		

Newmont
Geological Description with Assays

Hole ID : **BL19-01068**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	195.05	Easting :	331800.7849	Logged By :	Mike.Schweinberger
Dip :	-68.01	Northing :	5303426.998	Logged By 2 :	Brad.Clarke
Length :	496.5	Elevation :	438.1726	Log Start :	19-Jan-2019
Drill Start :	18-Jan-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	2-Feb-2019
Drill Completed :	25-Jan-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Short zone with no VG. Two GBFG sections. Lower section is likely to run better than the upper section based on increased Qtz flooding/veining.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**5.20**	**(OB) Overburden, ( )**								
5.20	**55.86**	**(DIO) Diorite, ( )** generally fine to med pinkish grey DIO ('sedimentory') with mostly med with minor coarse fsp phenocryst; very weak to weak fine to med bio; weak to mod KFsp alt above 33.56 and below 53.47 at contact to lamp; latter alt zone is assoc with a weak qtz stringer zone with mm-thick/sized stringers/patches of Q2; primarily as alt haloes along qtz-carb hairline stringers with weak pervasive background; weak fol with some banding to weak conglo texture at 30.24-32.46; weak fine anh dissem py								
55.86	**56.05**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine massive lamp; med green; frequ semi-angular mm-sized carb patches; upper contact sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

56.05 66.88 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse grey weakly to mod fol conglo; with cm-sized weakly to mod stretched pabbles; weak to mod fine to med bio in the matrix and localized patches of med am; moderate dissem fine anh py; upper contact sharp; weak KFsp alt as haloes along qtz-carb stringers for 17cm at the upper contact to the lamp and from at the lower contact at 65.7-66.88

66.88 67.60 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med grey weakly to mod fol FGS; weak qtz eye texture; weak fine to med bio; weak fine dissem anh py; upper contact sharp

67.60 72.71 (DIO) Diorite, ( )

generally fine to med pinkish grey DIO ('sedimentory') with mostly med with minor coarse fsp phenocryst; very weak to weak fine to med bio; generally weak fine anh dissem py but stronger developed py min at 71.12-72.14 as irreg patches up to 2cm in size; upper contact sharp

72.71 90.10 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med weakly to mod fol pinkish-grey to light grey FGS with qtz eyes; weak fine to med bio mainly as wispy clots (defining fol); rock is moderately KFsp altered along qtz carb hairline stringers at 72.71-82.95 (rock pinkish grey in this alt zone and light grey below that where there are only minor Kfsp haloes); zone of 30 cm at lower contact with lamp rock more homogenous wiht only very minor bio wisps; weak fine dissem anh py but incresed at lower contact to lamp from 88 to 90.1; upper contact diffuse; section of foliation parallel FGSBI at 72.91-73.06; thin 1.2cm thick slivers of lamp at 73.63-74.21 and 76.89-76.97 and 80.48-80.54; two main orientatio of thse dykes: parallel to fol and parallel to a healed fracture set that runs parallel to core axis

90.10 94.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

dark grey massive Lamp with frequent semiangular carb patches 2-9mm in size; upper contact sharp with 2-3.5cm thick chill margins

94.00 94.66 (FGS) Felsic Gneiss Sedimentary, ( )

rel homog very weakly fol fine to med light grey FGS with only very minor fine to med bio; weak dissem fine anh py; upper contact sharp

94.66 101.75 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med weakly to mod fol light grey with weak pinkish-grey FGS with qtz eyes; weak fine

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		to med bio mainly as wispy clots (defining fol); rock has very weak KFsp altered haloes along qtz carb hairline stringers; upper contact diffuse; weak dissem anh fine py; vuggy section at 101.37-101.75								
101.75	**102.86**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		rel homog very weakly fol fine to med light grey FGS with only very minor fine to med bio; weak dissem fine anh py; upper contact diffuse								
102.86	**138.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med weakly to mod fol light grey with weak pinkish-grey FGS with qtz eyes (rounded up to 1 cm in size); weak fine to med bio mainly as wispy clots (defining fol); generallyrock has very weak KFsp altered haloes along qtz carb hairline stringers that is stronger deeloped at 125.44-131.2); upper contact diffuse; weak dissem anh fine py; AT 122.5-122.44 two fol parallel bands of amp 14cm and 4cm thick								
138.45	**143.37**	**(DIO) Diorite, ( )**								
		fine to med light grey DIO ('sedimentory') with mostly med fsp phenocryst; weak to weak fine to med bio; generally weak fine anh dissem py; upper contact gradational to above FGS; with soem Kfsp haloes along qtz-carb hairline stringers; vuggy below 141.46								
143.37	**150.06**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		fine to med weakly to mod fol light grey conglo with frequ cm-sized stretched clasts; some cm- to dm-thick mostly fol parallel AMP bands with med am with the thickest band at 146.58-146.9; weak fine to med bio; rock is vuggy; weak dissem fine anh py; upper contact sharp; minor KFsp haloes along qtz-carb hairline stringers								
150.06	**151.50**	**(AMP) Amphibolite, ( )**								
		green fine to med weakly fol am with increased moderate fine to med bio; latter often as bands; rock quite vuggy; vugs often assoc wiht abund epid; weak to mod py and po mineralization; upper contact sharp (grond end: boken up core)								
151.50	**154.71**	**(DIO) Diorite, ( )**								
		fine to med light grey DIO ('sedimentory') with mostly med fsp phenocryst; weak to weak fine to med bio; generally weak fine anh dissem py with localized cm-thick fol parallel zones of increased py min as wisps; upper contact sharp; with some minor Kfsp haloes along qtz-carb hairline stringers; vuggy below 141.46								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

154.71 163.07 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med weakly to mod fol light grey with weak pinkish-grey sections of FGS with qtz eyes (rounded up to 0.6 cm in size); weak fine to med bio mainly as wispy clots (defining fol); generally rock has very weak KFsp altered haloes along qtz carb hairline stringers with stronger altered sections at 156.37-156.85 and 160.38; upper contact gradational into dio textured rock above; weak to mod wispy anh fine py

163.07 165.22 (DIO) Diorite, ( )

DIO with med white fsp in dark grey groundmass with mod abund fine to med bio; weakly to mod py wisps parallel to fol; upper contact sharp

165.22 181.77 (AMP) Amphibolite, ( )

fine to med green weakly to mod fol AMP; rock in places quite vuggy with epid frequ filling parts of the vugs; moderate py and lesser po mineralization generally as wisps and little stringers parallel to the fol; abund fine to med am; weak fine to med bio; upper contact sharp

181.77 182.07 (DIO) Diorite, ( )

fine to med weakly fol grey dio with med white fsp porphyroclasts; weak fine to med bio; weak fine dissem anh py; upper contact sharp

182.07 184.74 (AMP) Amphibolite, ( )

AMP with a few bands of DIO; both AMP and DIO as desribed the the two units above but AMP has only minor sulphide mineralization; DIO bands from a few cm to 16cm thickness with sharp contacts to AMP mostly fol parallel; upper contact sharp at ground end

184.74 185.32 (DIO) Diorite, ( )

fine to med weakly fol grey dio with med white fsp porphyroclasts; weak fine to med bio; weak fine dissem anh py; upper contact sharp

185.32 188.25 (AMP) Amphibolite, ( )

fine to med green weakly to mod fol AMP; rock in places quite vuggy with epid frequ filling parts of the vugs; weak to mod py and lesser po mineralization generally as wisps and little stringers parallel to the fol; abund fine to med am; weak fine to med bio; upper contact sharp

188.25 198.10 (FGS) Felsic Gneiss Sedimentary, ( )

very weakly to massive light grey fine to coarse FGS with DIO texture with weak dissem fine

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		to med musco; med with rare coarse fsp porphyrocl; some cm to dm wide zoned of KFsp alt along qtz-carb hairline stirngers; weak fine to med bio; weak fine dissem anh py; upper contact sharp								
198.10	**201.72**	**(AMP) Amphibolite, ( )** fine to med greenish weakly fol AMP; abund fine to med am; weak fine to med bio; weak dissem anh py and lesser po; upper contact sharp; 10cm foliation parallel band of massive med pinkish grey FGS at 199.89-199.98								
201.72	**206.32**	**(QFP) Quartz Feldspar Porphyry, ( )** fine to coarse grey to slightly pinkish grey QFP; med to coarse pinkish white fsp phenocrysts; weak fine to med bio; traces to weak med am in matrix; rare KFsp haloes along qtz-carb stringers; weakkly vuggy; weak dissem anh fine py; upper contact sharp								
206.32	**208.05**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol FGS with qtz eyes; weakly porphyroclastic; grey; with weak fine musco; moderatly dissem sub- to euh py; upper contact sharp								
208.05	**209.65**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI)** **FGS (10-29% BI) above or proximal to gold zone** fault-fractured grey pink fine to med FGS with mm-thick stockwork of pink med to coarse PEG; strongly KFsp altered; weak fine to med bio; PEG generally med grained but has very large elongate laths of am (up to 2.5 cm long) and mod med grained musco; upper contact of this zone is diffuse; moderate med sub- to euh py								
209.65	**225.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly fol fsp phyric FGS with DIO texture (sedimentary); weak to mod fine to med bio primarily as wispy clots parallel to the foliation; weak dissem anh py; minor KFsp alt along qtz-carb hairline stringers; stonger KFsp alt at 217.97-224.32; upper contact gradational; some mm-thick/sized med am bands and patches; weakly vuggy with traces of epi coating vuggs								
225.65	**231.34**	**(AMPG) Amphibole Felsic Gneiss, ( )** fine to coarse strongly porphyroblastic green mod fol AMPG; strong med to coarse am porphyroblasts often rimmed by med mod to strong bio; no sulphides; upper contact sharp								
231.34	**233.76**	**(DIO) Diorite, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		weakly to mod fsp porphyritic DIO (sedimentary); light grey; weak to mod fol; weak fine to med bio; some mm-thick/sized bands and patches of med am; weak KFsp haloes along qtz carb stringers; upper contact sharp; weak dissem fine anh py								
233.76	**236.17**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		greenish grey mod fol fine to med AMPINT; mod fine to med am; weak fine to med bio; vuggy; upper contact gradational; very weak very fine dissem anh py								
236.17	**240.00**	**(DIO) Diorite, ( )**								
		fine to med weakly fol fsp phyric DIO (sedimentary); weak to mod fine to med bio primarily as wispy clots parallel to the foliation; weak dissem anh py; minor KFsp alt along qtz-carb hairline stringers; weakly vuggy with traces of epi coating vuggs; some 0.5cm thick bands of med am								
240.00	**241.47**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		greenish grey mod fol fine to med AMPINT; mod fine to med weakly porphyroblastic am; weak fine to med bio; vuggy; upper contact sharp; weak fine dissem anh py								
241.47	**258.89**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med weakly fol fsp phyric FGS with DIO texture (sedimentary); weak to mod fine to med bio primarily as wispy clots parallel to the foliation; traceas of fine musco; weak dissem anh py; some KFsp alt along qtz-carb hairline stringers; weakly vuggy with traces of epi coating vuggs; some 0.5cm thick bands of med am								
258.89	**259.32**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
		green white fine to coarse AMPG; mod abund med to coarse am porphyroblasts with med bio rims; traces of fine dissem anh py; upper contact sharp								
259.32	**264.69**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		weakly am porphyroblastic/clastic AMPIN; moderate fine to med am; weak fine to med bio; weak dissem anh py; Sections of AMP with abund med am at 262.56-262.74 and 263.39-263.62; and section of DIO as described above at 263.13-263.39; moderately freq haloes ofKFsp with minor Ser along qtz-carb stringers; upper contact sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

264.69 268.92 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey mod fol FGS with abund med to coarse rounded qtz eyes; weak fine to med bio mostly as fol parallel wisps; weak dissem fine anh py; upper contact sharp; weak haloes of KSp along qtz-carb stringers

268.92 273.60 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med FGS; weakly to mod fol; weak fine to med bio; some fine to med am often in mm-thick fol parallel am bands; mod KFS alt as haloes along qtz-carb stringers; weak dissem anh fine py; upper contact gradational; two 5 and 4 cm thick fol parallel sections with coarser grain sizes at 269.28 and 269.88

273.60 275.32 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

weakly am porphyroblastic/clastic AMPIN; moderate fine to med am; weak fine to med bio; weak dissem anh py; weakly freq haloes ofKFsp with minor Ser along qtz-carb stringers; upper contact grad

275.32 279.04 (AMPG) Amphibole Felsic Gneiss, ( )

green white fine to coarse AMPG; abund med to coarse am porphyroblasts with fine to med bio rims; traces of fine dissem anh py; upper contact sharp

279.04 281.97 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey mod fol FGS with mm-thick foliation parallel med am bands; weak KFP alteration haloes along qtz-carb stringers; weak fine anh dissem py; upper contact sharp

281.97 285.32 (DIO) Diorite, ( )

fine to med weakly fol fsp phyric DIO (sedimentary) with minor mm-thick fine to med am bands mostly parallel to fol(with a few cm-thick bands with one thicker AMP section at 283.86-284) ; weak to mod fine to med bio; weak to mod dissem subh py; some KFsp alt along qtz-carb hairline stringers more dominant below 283.3; upper contact gradational

285.32 285.68 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

greenish mod fol AMPIN; moderate fine to med am; weak fine to med bio; weak dissem subh py; upper contact grad; weak to mod KFsp haloes along qtz-carb hairline stringers

285.68 290.23 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		fine to med weakly to mod fol fsp phyric FGS with DIO texture(sedimentary) with minor mm-thick fine to med am bands mostly parallel to fol; weak to mod fine to med bio; weak dissem an- to subh py; some KFsp alt along qtz-carb hairline stringers more; upper contact gradational								
290.23	**290.78**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		greenish weakly to mod fol AMPIN; moderate fine to med am; weak fine to med bio; weak dissem anbh py; upper contact grad; weak to mod KFsp haloes along qtz-carb hairline stringers								
290.78	**310.08**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		light grey to pink-grey FGS with DIO texture (sedimentory); mod fol; weak to mod Dio text (fsp POC); fine to med; generally weak KFSp haloes along qtz-carb hairline stringers but stronger alt at 302.12-304.28 and 308.17-369.08; weak dissem to wispy fine to med anh py min with stronger min at 292.14-292.47 and 304.73-305.17; mm-thick usually fol parallel bands of fine to med am throughout; upper contact grad								
310.08	**311.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med mod fol FGS with qtz eyes; pinkish gray colour; weak fine to med bio; moderate to strong KFsp haloes along qtz stringers; weak to mod wispy py mineralization; upper contact sharp								
311.40	**315.66**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med weakly to mod fol light grey to pinkish FGS; weak fine to med bio; weakly to mod KFSp alt as haloes along qtz-carb hairline stringers at 314-315; weak dissem anh py; upper contact grad								
315.66	**316.89**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke**								
		fine grained dark grey massive Lamp with mm-sized carb patches; mostly a few cm thick downwards narrowning and running down parallel to the core axis in pinkish-grey KFSp altered FGS like described above; with cm-thick chilled margins								
316.89	**327.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med weakly to mod fol pikish grey FGS; coarse section at 322.82-323; weak fine to med bio; very weak traces of fine anh dissem py; weak to mod KFsp alt haloes along qtz-carb stringers particcular close to dyke contacts above and below; upper contact sharp to dyke but angles close to 0 deg to core axis								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

327.00 327.64 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine massive dark grey Lamp; frequ semi-angular mm-sized carb patches; few cm thick chilled margin at both contacts; upper contact sharp

327.64 327.81 (FGS) Felsic Gneiss Sedimentary, ( )

FGS; same as above dyke; upper contact sharp

327.81 329.18 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse grey-pinkish mod fol QFP; med to coarse mostly rounded white to pink fsp poc; moderate fine to med bio in groundmass; weakly to mod pervasively KFsp altered; upper contact sharp; weak dissem anh fine py; pervasively mod KFsp alt

329.18 330.31 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med weakly to mod fol pikish grey FGS; weak fine to med bio; very weak traces of fine anh dissem py; weak to mod KFsp alt haloes along qtz-carb stringers; upper contact sharp; KFsp mod alt pervasivly and as envelopes

330.31 331.51 (FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone

medium grained mod fol pink-grey FGS; wispy med bio; some cm-thick bands with med to coarse am; traces of dissem fine anh py; upper contact sharp; KFsp mod alt pervasivly and as envelopes

331.51 333.45 (FGS) Felsic Gneiss Sedimentary, ( )

pink grey wekly fol fine to med FGS; very weak fine to med bio; traces of fine dissem py; upper contact sharp; coarser section at 333.04-333.11

333.45 333.92 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine massive dark grey lamp; freq mm-size semi-angular carb patches; 17cm thick upper contact chilled margin and 2.5cm thick lower contact chilled margin; upper contact sharp (not parallel to lower contact

333.92 334.96 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med mod to strongly KFSp and mod fractured FGS between two Lamps; weak fol;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
weak fine to med bio; upper contact sharp										
334.96	**335.57**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine mas grey Lamp; frequ mm-sized sub-angular carb patches; upper contact sharp										
335.57	**338.64**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
weakly to mod KFsp altered FGS; weakly to mod fol; weak fine to med bio; pinkish to pinkish-grey; traces of fine anh dissem py; upper contact sharp										
338.64	**341.21**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine massive dark grey Lamp with frequ semi-angular carb patches usually mm-sized but up to 1.4cm long; upper contact sharp										
341.21	**343.44**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**								
fine to med weakly to mod fol patchy pinkish grey FGS; with frequ mm- to sub-mm thick and mm- to a few cm-long mostly fol parallel slivers of dark grey Lamp; very weak fine to med bio; very weak of fine anh dissem py; upper contact sharp; weak to mod KFSp alt as haloes and patchy										
343.44	**345.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine massive dark grey Lamp with frequ semi-angular carb patches usually mm-sized; upper contact sharp										
345.00	**345.30**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**								
fine to med weakly to mod fol patchy pinkish grey brecciated FGS; with frequ mm- to sub-mm thick and mm-thick breccia filling dark grey Lamp; weak fine to med bio; very weak traces of fine anh dissem py; upper contact sharp; weak to mod KFSp alt as haloes and patchy										
345.30	**345.84**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine massive dark grey Lamp with frequ semi-angular carb patches usually mm-sized; upper contact sharp										
345.84	**347.00**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		fine to med weakly to mod fol patchy pinkish grey fractured FGS; with frequ mm- to sub-mm thick and mm- to cm-thick network of slivers of dark grey Lamp; weak fine to med bio; very weak traces of fine anh dissem py; upper contact sharp; mod to strong KFSp alt as haloes and patchy; coarser grain sizes at 346.17-346.3								
347.00	**348.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine massive dark grey Lamp with frequ irrg carb patches mm-sized to cm-sized with one bit patch at the center that is 13-4cm in size; upper contact sharp; prominent chill margins on both contact o 1.5cm thickness								
348.00	**349.72**	**(FGS) Felsic Gneiss Sedimentary, ( )** grey pinkish mod fol fine to med FGS; weak to mod KFsp alt as haloes along qtz-carb hairline stringers; weak fine to med bio; traces of fine dissem anh py; upper contact sharp								
349.72	**350.41**	**(AMP) Amphibolite, ( )** fine to med weakly foliated greenish AMP; abund fine to med am; weak fine to med bio; weak fine anh dissem py; upper contact sharp								
350.41	**351.54**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol pink-grey FGS with qtz eyes; weak fine to med bio; weak fine dissme anh py; upper contact sharp (maybe folded); Lamp at 350.74-350.88 and AMP at 350.87-351.02; mod to weakly KFsp altered (patchy)								
351.54	**353.73**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med pinkishg-grey weakly fol FGS with 'dioritic' fsp-poc texture; weakly to mod patchy and enveloping KSP alt; weak fine to med bio; traces of fine dissem py; upper contact sharp								
353.73	**353.97**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine mass Lamp; dark grey; frequ mm-sized sub-angular carb patches; upper contact sharp								
353.97	**356.03**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med pinkishg-grey weakly fol FGS with 'dioritic' fsp-poc texture; weakly patchy and enveloping KSP alt; weak fine to med bio; traces of fine dissem py; upper contact sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
356.03	**358.48**	**(AMP) Amphibolite, ( )** fine to coarse green mod fol AMP with abund med to coares am pob and frequ med bio; upper contact sharp; weak dissem anh py								
358.48	**364.62**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med pinkishg-grey weakly to mod fol FGS with 'dioritic' fsp-poc texture; weakly patchy and enveloping KSP alt; weak fine to med bio; traces of fine dissem py; upper contact sharp; irreg wavy AMP section at 359.76-359.85; section FGS without poc text at 364.03-364.28; 2-3cm sliver of Lamp at 359.76-359.85								
364.62	**366.73**	**(AMP) Amphibolite, ( )** fine to med weakly to mod green AMP; abun fine to med am; weak fine to med bio; weak fine dissem py and po; irreg (folded?) contact	A73151	366	366.73	0.73	0.283	AGAT_FAICP		
366.73	**369.33**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** fine to med pinkish grey weakly to mod fol DIO with med am and fsp poc; weak to mod med am poc; weak fine to med bio; weak dissem fine anh py; upper contact sharp; weakly patchy and env KFsp altered	A73153	366.73	367.5	0.77	0.217	AGAT_FAICP		
			A73154	367.5	368.5	1	0.063	AGAT_FAICP		
			A73155	368.5	369.33	0.83	0.025	AGAT_FAICP		
369.33	**376.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** fine to med pinkish grey to light grey mod fol FGSMU; traces of fine to med aggreg of musco; weak fine to med bio; weak dissem fine anh py; haloes of KFsp alt along qtz and qtz-carb stringers and veins the stronger of which are noted in the alt tab; upper contact sharp; 9cm fol parallel band of AMP at 373.86-376.95; qtz eyes from 375.08-375.65	A73156	369.33	370	0.67	0.062	AGAT_FAICP		
			A73157	370	371	1	0.009	AGAT_FAICP		
			A73159	371	372	1	0.025	AGAT_FAICP		
			A73160	372	372.72	0.72	0.105	AGAT_FAICP		
			A73161	372.72	373.71	0.99	0.621	AGAT_FAICP		
			A73162	373.71	374.66	0.95	0.312	AGAT_FAICP		
			A73163	374.66	375.65	0.99	0.427	AGAT_FAICP		
			A73164	375.65	376	0.35	0.141	AGAT_FAICP		
			A73165	376	376.8	0.8	0.144	AGAT_FAICP		
376.80	**378.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Moderately foliated FGS. Grain size increases down hole from fine to coarse. Biotite content within the matrix decreases with grain size but biotite aggregate bands are observed locally at the end of the unit. Feldspar content increases as grain size increases. Plag alteration to K-spar increases with grain size. Small clear/grey quartz vein present at the last 5cm of unit. Minor diss. sulfides po and py.	A73167	376.8	377.5	0.7	0.443	AGAT_FAICP		
			A73168	377.5	378	0.5	0.525	AGAT_FAICP		
			A73169	378	378.8	0.8	0.343	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
378.80	**379.27**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Short fine to medium grained foliated GBFG unit with 2% sulfides pervasively within the matrix (Py>Po). One 3cm QV present with feldspar content increasing along contacts at 379m. No visible garnets noted. Sharp contacts above and below.	A73170	378.8	379.27	0.47	0.701	AGAT_FAICP		
379.27	**381.11**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained foliated FGS with varying amounts of biotite throughout the unit. Quartz and biotite content vary inversely with few short sections verging towards GBFG. Sulfide content is minor throughout but increases slightly where biotite increases. Two small QVs containing sulfides amphiboles and biotite are observed at 380m and 380.65m.	A73171	379.27	380	0.73	0.404	AGAT_FAICP		
			A73173	380	380.5	0.5	0.415	AGAT_FAICP		
			A73174	380.5	381.11	0.61	1.03	AGAT_FAICP		
381.11	**383.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Moderately to strongly foliated fine to medium grained Amphibolite. Banding is observed with varying amounts of biotite amph and CPX patches. Banding is graduational. Locally few bands of coarse grained biotite aggregates are observed. Minor amounts of disseminated sulfides present throughout.	A73175	381.11	382	0.89	0.885	AGAT_FAICP		
			A73176	382	383.18	1.18	0.659	AGAT_FAICP		
383.18	**383.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium to coarse grained foliated FGS containing quartz eyes of varying sizes (0.4cm-1cm). Matrix is a mix of biotite plag and quartz with local small <1cm aggregates of Amp crystals. Contact with above and below Amp Int is sharp. Minor to trace sulfides (py>po).	A73177	383.18	383.66	0.48	0.636	AGAT_FAICP		
383.66	**384.89**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained foliated intermediate Amphibolite. Mineralogical banding is observed with varying amounts of AMP/CPX/Biotite. Upper contact is very weak and parallel to foliation which is steep and weak thus difficult to measure (near 80 TCA). Patches and bands of medium grained biotite aggregates are observed throughout parallel to foliation. Sulfides are present throughout but are unevenly distributed as aggregates and disseminated crystals.	A73179	383.66	384.12	0.46	1.02	AGAT_FAICP		
			A73180	384.12	384.89	0.77	0.902	AGAT_FAICP		
384.89	**388.20**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained foliated GBFG containing varying amount of garnets. Compositional banding forms large patches of biotite with qtz/bio/plag. Minor to trace amounts of sulfides observed.	A73181	384.89	386	1.11	2.38	AGAT_FAICP		
			A73182	386	387	1	1.83	AGAT_FAICP		
			A73183	387	387.5	0.5	0.738	AGAT_FAICP		
			A73184	387.5	388.2	0.7	0.648	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
388.20	**388.70**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Grainitic pegmatite with three distinct feldspars. Large plag (albite?) and qtz crystals make of the majority of the unit with minor amounts of K-spar at the lower contact and minor amounts of white anorthite crystals observed at the upper contact and as reaction rims within the vein. Minor sulfides and minor amounts of biotite observed between grain boundaries.	A73185	388.2	388.7	0.5	0.357	AGAT_FAICP		
388.70	**389.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium to coarse grained foliated FGS containing biotite throughout the matrix. There are qtz eyes throughout the unit but differ in size from 40mm to 150mm. There is minor sulfide content in the for of disseminated crystals and locally as thin aggregates along foliations. Upper contact is sharp but lower contact is weak almost gradational.	A73187	388.7	389.5	0.8	0.183	AGAT_FAICP		
			A73188	389.5	389.95	0.45	0.277	AGAT_FAICP		
389.95	**390.35**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained well foliated small section of GBFG. The biotite gain size decrease top to bottom but remains the main mineral within the matrix. Sulfides are disseminated between medium grained biotite cyrstals at the top and as the grain size decreases the sulfides transition from thin aggregates along foliation in the middle back to fine grained disseminated cyrstals within the matrix at the end.	A73189	389.95	390.35	0.4	0.683	AGAT_FAICP		
390.35	**390.87**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with less biotite than previous units. The matrix is composed of fine grained quartz with some plag and medium grained euhedral biotite grains evenly distributed throughout the finer grained matrix. fine disseminated crystals of pyrite are observed pervasively and equally within the matrix. Two 10 and 5cm potassic alteration halos are within this small section as well.	A73190	390.35	390.87	0.52	0.031	AGAT_FAICP		
390.87	**392.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to mediun grained foliated intermediate AMP with bands where AMP and biotite content increase due to biotite aggregates and compositional layering. CPX is present as lighter green patches. Sulfides are present throughout as disseminated cyrstal and thin aggregates along foliations. Several small carb-ser-Kspar veinlets are present crosscutting the core and foliation.	A73191	390.87	391.5	0.63	0.07	AGAT_FAICP		
			A73193	391.5	392	0.5	0.147	AGAT_FAICP		
			A73194	392	392.75	0.75	0.138	AGAT_FAICP		
392.75	**393.44**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with less biotite than previous units and qtz eyes. The matrix is composed of fine grained quartz with some plag and medium grained euhedral biotite grains evenly distributed throughout the finer grained matrix. fine disseminated crystals of pyrite are observed pervasively and equally within the matrix. One small QV present at 392.95m.	A73195	392.75	393.44	0.69	0.016	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
393.44	**393.98**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to mediun grained foliated intermediate AMP with bands where AMP and biotite content increase due to biotite aggregates and compositional layering. CPX is present as lighter green patches. Sulfides are present throughout as disseminated cyrstal and thin aggregates along foliations. The last 10cm is a Granitic PEG vein.	A73196	393.44	393.98	0.54	0.064	AGAT_FAICP		
393.98	**394.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with some compositional banding in regards to qutz content and feldspar content. Biotite is prevasive and evenly distributed throughout the unit as euhedral medium grain crystals. There is minor to trace sulfides throughout the matrix. Upper contact with small PEG vein is deformated and difficult to accurrately measure.	A73197	393.98	394.6	0.62	0.117	AGAT_FAICP		
394.60	**395.91**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to mediun grained foliated intermediate AMP with bands where AMP and biotite content increase due to biotite aggregates and compositional layering. Sulfides are present throughout as disseminated cyrstal and thin aggregates along foliations. One small Sericite vein at 394.9. One 20cm biotite rich FGS unit at 395.02-395.22m. One small QV at 395.46m	A73199	394.6	395.02	0.42	0.274	AGAT_FAICP		
			A73200	395.02	395.91	0.89	0.208	AGAT_FAICP		
395.91	**396.36**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained FGS with biotite throughout and a small cm scale QV along foliations. Biotite content varies slightly. Sulfides pervasively in minor to trace amounts.	A73201	395.91	396.36	0.45	0.044	AGAT_FAICP		
396.36	**396.62**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to mediun grained foliated intermediate AMP with bands where AMP and biotite content increase due to biotite aggregates and compositional layering. Sulfides are present throughout as disseminated cyrstal and thin aggregates along foliations.	A73202	396.36	396.75	0.39	0.163	AGAT_FAICP		two small lith amp fgs
396.62	**396.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained biotite rich FGS. Minor sulfides. Short interval.								
396.75	**397.07**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A73203	396.75	397.07	0.32	0.164	AGAT_FAICP		gbfg

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
GBFG unit with a QV containing a patch of massive Po. No Garnets observed. Well foliated.										
397.07	**399.99**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS unit with two distinct mineral compositions. One is above a small QV (at 398.1m) and is lesser in biotite content (7%). The lower section is higher in biotite content (15%). Foliated throughout with minor sulfides disseminated and as aggregates along foliation. One small 22cm PEG vein at 399.54m.	A73204	397.07	398	0.93	0.032	AGAT_FAICP		
			A73205	398	399	1	0.005	AGAT_FAICP		
			A73207	399	399.54	0.54	0.013	AGAT_FAICP		
			A73208	399.54	399.99	0.45	0.018	AGAT_FAICP		
399.99	**400.77**	**(AMP) Amphibolite, ( )** Dark grey green fine to medium grained AMP with patches of lighter green CPX. Plag content vaires slightly resulting in some compositional banding. Minor pyrite and trace pyrrhotite throughout as disseminated blebs and as aggregates along foliations.	A73209	399.99	400.77	0.78	0.063	AGAT_FAICP		
400.77	**401.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Minor to trace pyrite.	A73210	400.77	401.85	1.08	0.036	AGAT_FAICP		
401.85	**403.55**	**(AMP) Amphibolite, ( )** Dark grey green fine to medium grained AMP with patches of lighter green CPX. Plag content vaires slightly resulting in some compositional banding. Minor pyrite and trace pyrrhotite throughout as disseminated blebs and as aggregates along foliations. Several veinlets and patches show a light green alteration likely chloritization.	A73211	401.85	403	1.15	0.195	AGAT_FAICP		
			A73213	403	403.55	0.55	0.144	AGAT_FAICP		
403.55	**405.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Minor to trace pyrite and pyrrhotite. Several Qtz veins are present within this unit and can be found in the veining tab.	A73214	403.55	404.05	0.5	0.02	AGAT_FAICP		
			A73215	404.05	405	0.95	0.014	AGAT_FAICP		
			A73216	405	405.36	0.36	0.036	AGAT_FAICP		
			A73217	405.36	405.66	0.3	0.072	AGAT_FAICP		
405.66	**406.27**	**(AMP) Amphibolite, ( )** Porphryoclastic Amp with large (up to 1cm) porphryclasts of Amp. The porphryoclasts show deformation and strain shadows and tails. Apparent shear is dextral and S1 is Alfa-77 beta-335 and stretching lineation was measured to be trend 088 and plung of 18. Matrix consists of biotite plag and smaller amphiboles.	A73219	405.66	406.27	0.61	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
406.27	**407.90**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Plag and biotite content vaires significantly resulting in compositional banding. Minor pyrite and pyrrhotite throughout as disseminated blebs and as aggregates along foliations. Few small local bands of qtz rich sections verging towards a more mafic FGS.	A73220	406.27	407	0.73	0.06	AGAT_FAICP		
			A73221	407	407.9	0.9	0.102	AGAT_FAICP		
407.90	**408.52**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** LAMP dyke that reacts with acid and has xeinoliths.	A73222	407.9	408.52	0.62	0.032	AGAT_FAICP		
408.52	**410.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Plag and biotite content vaires significantly resulting in compositional banding. Minor pyrite and pyrrhotite throughout as disseminated blebs and as aggregates along foliations. Sericite alteration veinlets and halos at 409.80m and pervasive sericite alteration at 410.40m 410.75m.	A73223	408.52	409	0.48	0.113	AGAT_FAICP		
			A73224	409	410	1	0.065	AGAT_FAICP		
			A73225	410	410.41	0.41	0.058	AGAT_FAICP		
			A73227	410.41	410.75	0.34	0.092	AGAT_FAICP		
410.75	**411.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic PEG vein with a small section (5cm) of GBFG followed by a completely altered (K and sericite) section of something. The end is a small QV1 vein.	A73228	410.75	411.3	0.55	0.293	AGAT_FAICP		
411.30	**412.84**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately foliated FGS with two small PEG veins at 411.67m and 412.39m. Muscovite and trace silliminite are present within the fine grain matrix. Biotite is medium grained and pervasively distributed. Minor to trace sulfides.	A73229	411.3	411.67	0.37	0.277	AGAT_FAICP		
			A73230	411.67	412	0.33	0.357	AGAT_FAICP		
			A73231	412	412.5	0.5	0.152	AGAT_FAICP		
			A73233	412.5	412.84	0.34	0.249	AGAT_FAICP		
412.84	**413.94**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG with K alteration and one small white barren QV at the end. Trace sulfide.	A73234	412.84	413.94	1.1	0.33	AGAT_FAICP		
413.94	**414.48**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** GBFG with no biotite content. strongly foliated with qtz flooding and lots of sulfides. Small white barren vein near the end of the unit.	A73235	413.94	414.48	0.54	0.146	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
414.48	**416.53**	**(AMP) Amphibolite, ( )** Foliated medium grained AMP sections are observed locally inbetween the altered sections which have completely altered the AMP host rock pervasively and as halos along fractures and veinlets. K and Sericitic alteration.	A73236	414.48	415	0.52	0.172	AGAT_FAICP		
			A73237	415	415.6	0.6	0.147	AGAT_FAICP		
			A73239	415.6	416.11	0.51	0.04	AGAT_FAICP		
			A73240	416.11	416.53	0.42	0.353	AGAT_FAICP		
416.53	**418.12**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained slightly foliated FGG containing a 5cm section of GBFG at 417.5m . Minor to trace sulfides. Minor white micas.	A73241	416.53	417	0.47	0.897	AGAT_FAICP		
			A73242	417	417.3	0.3	0.294	AGAT_FAICP		
			A73243	417.3	417.6	0.3	0.525	AGAT_FAICP		
			A73244	417.6	418.12	0.52	0.12	AGAT_FAICP		
418.12	**421.27**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Foliated GBFG containing variable amounts of Biotite and Quartz. Folding and crenulations exisit but oriented line has been lost in this section. Few PEG and QV1 veins within unit. Minor sulfides present.	A73245	418.12	418.78	0.66	0.712	AGAT_FAICP		
			A73247	418.78	419.27	0.49	0.355	AGAT_FAICP		
			A73248	419.27	419.57	0.3	1.13	AGAT_FAICP		
			A73249	419.57	420	0.43	0.386	AGAT_FAICP		
			A73250	420	420.64	0.64	0.046	AGAT_FAICP		
			A73251	420.64	421.27	0.63	0.04	AGAT_FAICP		
421.27	**421.64**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** White QV with few local Kspar cyrstals between qtz grains.	A73253	421.27	421.64	0.37	0.068	AGAT_FAICP		
421.64	**433.00**	**(AMP) Amphibolite, ( )** Dark grey green fine to medium grained AMP with patches of lighter green CPX. Plag content vaires slightly resulting in some compositional banding. Minor pyrite and trace pyrrhotite throughout as disseminated blebs and as aggregates along foliations.	A73254	421.64	422	0.36	0.292	AGAT_FAICP		
			A73255	422	423	1	0.159	AGAT_FAICP		
			A73256	423	424	1	0.089	AGAT_FAICP		
			A73257	424	425	1	1.66	AGAT_FAICP		
			A73259	425	426	1	0.295	AGAT_FAICP		
			A73260	426	427	1	0.137	AGAT_FAICP		
			A73261	427	428	1	0.16	AGAT_FAICP		
			A73262	428	429	1	0.19	AGAT_FAICP		
			A73263	429	430	1	0.648	AGAT_FAICP		
			A73264	430	431.2	1.2	0.312	AGAT_FAICP		
			A73265	431.2	431.5	0.3	1.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A73267	431.5	432	0.5	0.264	AGAT_FAICP		
			A73268	432	433	1	0.377	AGAT_FAICP		
433.00	**436.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Few small sections have increased AMP abundance and verg on an intermediate AMp. Minor pyrite and likely trace pyrrhotite but not observed.	A73269	433	434	1	0.145	AGAT_FAICP		
			A73270	434	434.7	0.7	0.161	AGAT_FAICP		
			A73271	434.7	435.5	0.8	0.172	AGAT_FAICP		
			A73273	435.5	436	0.5	0.269	AGAT_FAICP		
			A73274	436	436.4	0.4	0.031	AGAT_FAICP		
436.40	**436.70**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Porphryritic Dio P1 with plag phenocrysts within a foliated finer grained matrx.	A73275	436.4	436.7	0.3	0.145	AGAT_FAICP		
436.70	**442.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS containing biotite and minor amounts of patchy Muscovite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Minor pyrite and Pyrrhotite. Several QVs within the unit.	A73276	436.7	437.95	1.25	0.073	AGAT_FAICP		
			A73277	437.95	438.63	0.68	0.396	AGAT_FAICP		
			A73279	438.63	439	0.37	0.15	AGAT_FAICP		
			A73280	439	439.5	0.5	0.347	AGAT_FAICP		
			A73281	439.5	440	0.5	0.521	AGAT_FAICP		
			A73282	440	440.6	0.6	1.34	AGAT_FAICP		
			A73283	440.6	441	0.4	0.107	AGAT_FAICP		
			A73284	441	442	1	0.37	AGAT_FAICP		
			A73285	442	442.5	0.5	0.387	AGAT_FAICP		
442.50	**460.09**	**(FGG) Felsic Gneiss Granitic, ( )** Moderately foliated FGG with varying abundance of disseminated biotite; patches/aggregates of muscovite with wisps of sillimininte; wisps of silliminite within the matrix as well; and several PEG and QVs described within the veining tab. Trace to minor Py. Several zones of K alteration.	A73287	442.5	443	0.5	0.448	AGAT_FAICP		
			A73288	443	444	1	0.288	AGAT_FAICP		
			A73289	444	445	1	0.16	AGAT_FAICP		
			A73290	445	446	1	0.179	AGAT_FAICP		
			A73291	446	447	1	0.257	AGAT_FAICP		
			A73293	447	448	1	0.122	AGAT_FAICP		
			A73294	448	449	1	0.119	AGAT_FAICP		
			A73295	449	450	1	0.168	AGAT_FAICP		
			A73296	450	451	1	0.101	AGAT_FAICP		
			A73297	451	452	1	0.19	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A73299	452	453	1	0.494	AGAT_FAICP		
			A73300	453	454	1	0.388	AGAT_FAICP		
			A73301	454	455	1	0.375	AGAT_FAICP		
			A73302	455	456	1	0.231	AGAT_FAICP		
			A73303	456	457	1	0.416	AGAT_FAICP		
			A73304	457	458	1	0.702	AGAT_FAICP		
			A73305	458	459	1	1.25	AGAT_FAICP		
			A73307	459	459.5	0.5	0.656	AGAT_FAICP		
			A73308	459.5	460.09	0.59	0.677	AGAT_FAICP		
460.09	**466.90**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** fine to coarse grained GBFG containing variably sized garnets (medium to coarse) within a fine to medium matrix consisting of mainly Qtz and biotite with some plag. Few small QVs within this unit too at 464 and 464.8m. Py and Po present as disseminated blebs and as aggregates along fracture planes. Small Porphry units from 465.93-466.07m.	A73309	460.09	460.7	0.61	1.73	AGAT_FAICP		
			A73310	460.7	461.22	0.52	0.621	AGAT_FAICP		
			A73311	461.22	462	0.78	0.415	AGAT_FAICP		
			A73313	462	462.6	0.6	0.204	AGAT_FAICP		
			A73314	462.6	463	0.4	2.04	AGAT_FAICP		
			A73315	463	463.5	0.5	1.21	AGAT_FAICP		
			A73316	463.5	464.4	0.9	0.632	AGAT_FAICP		
			A73317	464.4	465	0.6	0.995	AGAT_FAICP		
			A73319	465	466.07	1.07	0.791	AGAT_FAICP		
			A73320	466.07	466.9	0.83	0.992	AGAT_FAICP		
466.90	**468.64**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Plag and biotite content vaires significantly resulting in compositional banding. Minor pyrite and pyrrhotite throughout as disseminated blebs and as aggregates along foliations. Few small cm scale QVs.	A73321	466.9	468	1.1	1.04	AGAT_FAICP		
			A73322	468	468.64	0.64	2.36	AGAT_FAICP		
468.64	**469.85**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** GBFG containing bands of coarse biotite and sections of qtz flooding. Sulfides are disseminations but most sulfides present are observed in aggregates along foliation planes. Minor bands show medium grained Garnet porphryoblasts.	A73323	468.64	469.14	0.5	2.14	AGAT_FAICP		
			A73324	469.14	469.85	0.71	0.923	AGAT_FAICP		
469.85	**470.37**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite	A73325	469.85	470.37	0.52	0.175	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		content varies slightly along foliation forming minor compositional banding. Minor Po and Py. One small QV at 470.17m								
470.37	**470.67**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Plag and biotite content vaires significantly resulting in compositional banding. Minor pyrite and pyrrhotite throughout as disseminated blebs and as aggregates along foliations. Few small local bands of qtz rich sections verging towards a more mafic FGS.	A73327	470.37	470.67	0.3	0.138	AGAT_FAICP		
470.67	**472.30**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** GBFG with trace garnets. well foliated. and lots of qtz veining/ and flooding throughout the section. Difficult to determine whats a small QV or flodding of the foliated GBFG. Two high grade clear dark QV1 veins observed within section. Folding boundinage and crenulations observed throughout section noted in structure tab. Minor Py and Po. Photos 2074-2079.	A73328	470.67	471.3	0.63	7.36	AGAT_FAGRA		
			A73329	471.3	471.89	0.59	3.42	AGAT_FAICP		
			A73330	471.89	472.3	0.41	3.51	AGAT_FAICP		
472.30	**473.38**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Ganitic PEG with trace K alteration in the form of laminations. Biotite clusters observed between grain boundaries within the PEG matrix.	A73331	472.3	473.38	1.08	1.48	AGAT_FAICP		
473.38	**474.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Qtz content decreases away from the PEG vein contact. Several small cm scale QV1 veins. Minor Po and Py. More Po than Py. Coarse grained aggregates around and within QV1 veining.	A73333	473.38	473.82	0.44	3.95	AGAT_FAICP		
			A73334	473.82	474.12	0.3	2.86	AGAT_FAICP		
474.12	**474.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Plag and biotite content vaires significantly resulting in compositional banding. Minor pyrrhotite and trace Py throughout as disseminated blebs and as aggregates along foliations. Few small local bands of qtz rich sections verging towards a more mafic FGS.	A73335	474.12	474.65	0.53	0.632	AGAT_FAICP		
474.65	**477.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite	A73336	474.65	475.16	0.51	0.275	AGAT_FAICP		
			A73337	475.16	475.5	0.34	0.134	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		content varies slightly along foliation forming minor compositional banding. Minor to trace pyrite.	A73339	475.5	476	0.5	0.126	AGAT_FAICP		
			A73340	476	477	1	0.179	AGAT_FAICP		
477.00	**479.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73341	477	477.51	0.51	0.274	AGAT_FAICP		
		Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Plag and biotite content vaires significantly resulting in compositional banding. Minor pyrite and pyrrhotite throughout as disseminated blebs and as aggregates along foliations. Few small local bands of qtz rich sections verging towards a more mafic FGS.	A73342	477.51	477.92	0.41	0.066	AGAT_FAICP		
			A73343	477.92	479	1.08	3.56	AGAT_FAICP		
			A73344	479	479.4	0.4	0.488	AGAT_FAICP		
479.40	**479.84**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	A73345	479.4	479.84	0.44	0.088	AGAT_FAICP		
		Massive white QV with patches of AMP locally. No observed sulfides.								
479.84	**480.17**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A73347	479.84	480.17	0.33	0.081	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Patches of Po are present locally. Few small QVs are observed.								
480.17	**480.55**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	A73348	480.17	480.55	0.38	0.02	AGAT_FAICP		
		Quatz rich white PEG with ample biotite and gradational contacts. No sulfides.								
480.55	**480.86**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73349	480.55	480.86	0.31	0.027	AGAT_FAICP		
		Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Plag and biotite content vaires significantly resulting in compositional banding. Minor pyrite and pyrrhotite throughout as disseminated blebs and as aggregates along foliations. Few small local bands of qtz rich sections verging towards a more mafic FGS.								
480.86	**484.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A73350	480.86	482	1.14	0.049	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Minor to trace pyrite.	A73351	482	483	1	0.191	AGAT_FAICP		
			A73353	483	484	1	0.031	AGAT_FAICP		
			A73354	484	484.45	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
484.45	**496.50**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	A73355	484.45	485.5	1.05	0.098	AGAT_FAICP		
Dark grey green fine to medium grained AMP with patches of lighter green CPX. Trace pyrrhotite throughout as disseminated blebs and as aggregates along foliations. EOH=496.5			A73356	485.5	486	0.5	0.019	AGAT_FAICP		
			A73357	486	487	1	0.025	AGAT_FAICP		
			A73359	487	488	1	0.087	AGAT_FAICP		
			A73360	488	489	1	0.079	AGAT_FAICP		
			A73361	489	490	1	0.196	AGAT_FAICP		
			A73362	490	491	1	0.062	AGAT_FAICP		
			A73363	491	492	1	0.323	AGAT_FAICP		
			A73364	492	493	1	0.045	AGAT_FAICP		
			A73365	493	494	1	0.026	AGAT_FAICP		
			A73367	494	495	1	0.072	AGAT_FAICP		
			A73368	495	496	1	0.088	AGAT_FAICP		
			A73369	496	496.5	0.5	0.069	AGAT_FAICP		

Hole ID : **BL19-01069**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	210.1	Easting :	331800.4505	Logged By :	Brad.Clarke
Dip :	-63.03	Northing :	5303426.772	Logged By 2 :	Tyler.Compton
Length :	495	Elevation :	438.1536	Log Start :	31-Jan-2019
Drill Start :	25-Jan-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	9-Feb-2019
Drill Completed :	5-Feb-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Similar to BL19-01069 in that there were two GBFG zones and the lower looked more likely to run based on increased qtz flooding and veining. One spec of VG was observed at the bottom up the lower section of GBFG. Ended with a couple centimeters of FW AMP and then moved.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**0.60**	**(OB) Overburden, ( )**								
Comprises intermingled FGS/AMP (boulders/subcrop).										
0.60	**62.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Coarse grained FGS. Previously logged as DIOUNO. Variable K alt imparts interstitial pink tint. K alt locally strong in veins. Occasional cm-scale fine grained AMP bands. <5% amphibole content variable throughout unit. Overall vein density <2%; various orientations ranging from low to high angle; varying thickness mm to cm scale <5cm true thickness; commonly carrying strong red K alt. Weak open folding evident in veins. Trace sulfides; disseminated; Py dominated. Minor LAMP dyke from 50.48 to 50.60m; fine grained; porphyritic (white fspar porphs); green.										
62.10	**78.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Distinguished from previous unit by attenuation of biotite/amphibole/K alt.; bleached appearance. Grey groundmass with dark biot/amph porphs; occ qtz eyes <1cm. Elevated sulfide mins relative to previous: dissem Py <2mm; anhedral. Occ veinlets with K alt halos;										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

<2cm; occ forming minor stockwork. K alt appears restricted to veins/fracs.

78.85 81.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke. Rounded vesicles and porphyroblasts; <5mm; carb dominated; comrising 15% abundance. Occ hard dark "clasts"; uncertain composition; light coloured halos. Minor biot porphs; rounded; <5mm; dissem. Dark green-brown; fine grained groundmass. No vis sulfs. Rare low-angle carb veins; <1cm.

81.00 83.05 (FGS) Felsic Gneiss Sedimentary, ( )

Similar to 62.1 - 78.85m.; bleached appearance. Grey groundmass with dark biot/amph porphs; occ qtz eyes <1cm. Dissem Py <2mm; anhedral. Occ veinlets/fracs with K alt halos; high angle TCA. Weak interstitial K alt; locally moderate in frac/vein halos. Rare planar low-angle fracs; appear concordant with a weak localized fabric; thin green chloritic fill.

83.05 85.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark grey-brown fine grained LAMP dyke. 3cm light green chilled margins at both contacts; very fine grained. Occasional carb porphs organized into foliation concordant bands; overall ~5% abundance; porph zones range in thickness 1-30cm; local abundance up to 25% over 30cm. Weak foliation; not pervasive; locally visible. Rare veins; planar; carb dominated; <5mm true thickness; concordant with foliation. Very fine dissem Py visible locally; trace abundance. Competent. Rare natural fractures concordant with foliation.

85.80 94.95 (FGS) Felsic Gneiss Sedimentary, ( )

Darker than previous FGS owing to increased biot/amp content; present as fine porphs/aggregates (<5mm). Competent. Weakly foliated; defined by weakly elongate porphs. Rare fracs; varying high angle to ~30 deg; occasionally haloed with pink K alt. Overall weakly altered; K alt only visible as frac/vein halos. Occ qz veins; peg veins; qz/cb veins: latter are <2mm; weakly deformed; K halos. Qz veins are pegmatitic; highly fractured; biot-rich margins; <10cm. Pegmatites exhibit elevated Py; 10-30cm; coarse biot/amp aggregates (<2cm). Py dissem throughout as fine subhedral xls; 0.1%; locally elevated to 5% over 30cm proximal to veins/pegs; also elevated within pegs. Minor qz eyes; <1cm; round; opq white.

94.95 95.23 (PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)

Quartz dominated pegmatite. Minor K spar. Significant dark green amphibole porphs; anhedral; <2cm; 5%. Biot porphs; anhedral; <1cm; 2%. Mottled grey-white qz. Py elevated relative to host rock. Py present as anhedral masses; mm scale; dissem and frac controlled.

95.23 104.85 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Lighter in colour and finer texture than previous FGS. Biot porphs <5mm; alignment imparts fabric. Occ K haloed fracs and veinlets; high angle to core axis. No other visible alt. Fine Py dissem throughout; trace abundance.								
104.85	**105.15**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
		Quartz dominated pegmatite. Minor K spar. 15% biot aggregates; amorphous; dissem. 5% amp porphs; amorphous; dissem. Mottled grey-white qz. Py elevated relative to host rock. Py present as coarse anhedral masses; mm scale; dissem and frac controlled.								
105.15	**116.27**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Biot porphs <5mm; alignment imparts fabric. Occ K haloed fracs and veinlets; high angle to core axis. No other visible alt. Fine Py dissem throughout; trace abundance. Gradational down hole contact with very fine grained amp-rich FGS. Occ minor pegs; <5cm; K rich. Patchy diffuse alt: K alt locally strong as halos around fine fracs/veinlets; localised pale bleaching assoc with certain fracs/veinlets. Veins typically at high angle to core axis. Fine dissem Py throughout; locally elevated proximal to pegs; trace abundance; xls and aggregates <2mm.								
116.27	**117.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark grey; fine grained; massive. Weak banding. Characterized by dark colour (dark grey qz? No vis amp) and massive fine grained texture. Elevated biot relative to previous interval; very fine dissem Elevated Py relative to prev int; overall 1% Py; weakly organized into thin bands (cm scale); locally strong proximal to vugs. Minor veining; <1cm; rare. Occ vugs; <2cm; hosting minor fine euhedral Py.								
117.90	**118.42**	**(AMP) Amphibolite, ( )**								
		Fine grained. Massive. Weak banding. Locally vuggy. Dark colour owing to abundant very fine biot/amp. Locally strong Py assoc with vugs. Moderately magnetic.								
118.42	**118.72**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
		Biotite porphyry. Centimeter scale amorphous biot masses. Pale pink-grey-white groundmass; fine grained. Trace Py.								
118.72	**119.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Repeated interval of fine grained FGS. As seen in 116.27-117.9m. Suggests folding. Gradational contact with downhole coarse FGS. No vis sulfs or alt.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

119.05 125.95 (FGS) Felsic Gneiss Sedimentary, ( )

Mottled grey-pink-white. Centimeter scale biot and amp aggs/porphs; 10% abundance. Diffuse pink mottling; locally strong as halos around veins/fracs. Rare cm scale veins; folding evident in veins. Minor dissem Py throughout. Weak foliation defined by alignment of biot porphs.

125.95 128.00 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Opaque white qz vein. Appears barren. Minor host selvages. Trace Py but elevated proximal to vein margins. Fractured; segmented.

128.00 129.15 (FGS) Felsic Gneiss Sedimentary, ( )

Varied texture. Interval begins with ~20cm of very fine grained massive FGS. Interval characterized by elevated K alt and higher amp (imparts dark green colouration) relative to prev FGS; also coarse qz eyes and distinctive banding. Trace dissem Py as prev.

129.15 130.15 (QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein

Folded qz vein. 10cm true thickness. Mottled white-grey with minor pink patches. Fractured. Coarsely crystalline. Minor K alt. Occasional cm scale host selvages (pink-dk grey-green). Trace dissem Py; sub to euhedral; <1mm; proximal to selvages.

130.15 131.05 (FGS) Felsic Gneiss Sedimentary, ( )

Compositional banding <1cm. Alternating pink-dk green-dk grey. Occ qz eyes; <1cm. Minor pegmatitic veins (K spar; qz; with amp/biot clots). Evidence of gentle folding in veins. Mostly qz/fspar; lesser biot/amp. Minor dissem Py throughout; <1mm xls; anhedral to subhedral.

131.05 132.35 (FGS) Felsic Gneiss Sedimentary, ( )

Well developed foliation. High biot content. Melanocratic. Equigranular. Occ vugs and qz eyes <1cm. Weak K alt assoc with veinlets. No vis sulfs.

132.35 133.29 (FGS) Felsic Gneiss Sedimentary, ( )

Quartz rich FGS with up to 7% rounded qz eyes; <2cm. Dissem biot/amp aggs; elongate; <1cm; imparts weak foliation. Locally strong K alt as halos around veinlets and amorphous masses in massive concordant veins. Dissem Py throughout; <1mm; subhedral.

133.29 137.00 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Same litho as 131.05-132.35m. Biot rich. Equigranular. Melanocratic. Abund dissem biot/musc. Well developed foliation. Trace K alt as halos around veinlets. No vis sulfs. Occ <1cm veinlets; high angle tca. Rare pegmatitic veins; hosting cm scale fine grained aggs of amp/cpx and biot. Occ vugs aligned with foliaiton and within low angle healed fracs.

137.00 138.05 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with <1cm qz eyes. Weakly developed banding. Dissem biot/amp; minor musc. Strong K alt restricted to veins; moderate silicification throughout. Dissem Py throughout; elevated in veins. Pegmatitic veining; <5cm; often diffuse margins. Weakly foliated. Distinguished from prev interval by poor foliation and presence of qz eyes.

138.05 139.55 (FGS) Felsic Gneiss Sedimentary, ( )

Same as interval 133.29-137m. Dark grey FGS; melanocratic; equigranular. Occ foliaiton aligned elongate vugs hosting coarse amp-cpx-biot. Moderately foliated. Elevated biot/musc. No significant veining. Significant dissem Py. No sig alt.

139.55 144.52 (FGS) Felsic Gneiss Sedimentary, ( )

Distinct contact. Reduced biot/amp content relative to prev FGS. 10% qz eyes; round; <1cm. Appears siliceous relative to prev FGS. Weakly foliation/banding. Minor alteration assoc with veinlets; K alt and possible epidote halos. Fine dissem Py throughout. Minor veining; varying orientations; <1cm.

144.52 147.90 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark grey-green amphibolite. Equigranular. Possible weak chlorite overprint. Vuggy; hosts drusy epidote. Weakly foliated; vugs and epidote alteration commonly aligned with foliation. Overall 1% Py; locally elevated in vugs. Minor discontinuous veining; <5mm; kinked morphology; occasionally vuggy.

147.90 157.25 (FGS) Felsic Gneiss Sedimentary, ( )

Gradational contact with uphole unit. Variable texture owing to varying size and abundance of qz eyes; 5-20mm; 2-10%. Varying K alt; pervasive to restricted; overall moderate; locally strong as halos around veinlets; often assoc with pale ser alt halos. Porphyroblastic biot; <5mm. Dissem Py; <1mm subhedral; also present as small aggs of contiguous xls in veins. Occ massive veins; planar; opq white. Millimeter scale veinlets more common; typically with K/Ser halos.

157.25 162.05 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Foliated dark green-grey AMP with varying abundance of amp porphs. Dark green equant amp porphs; <1cm; 2-10% abundance. Drusy epidote in elongate vugs; locally strong. Possible very weak chlor alt; pervasive. Clotty Py locally strong assoc with fracs and vugs. Abundant mm scale veinlets; often vuggy; fractured.

162.05 162.45 (FGS) Felsic Gneiss Sedimentary, ( )

FGS QZE as previous interval. Grey; fine groundmass. 5% qz eyes; <1cm; mildly elongate. Dissem Py; elongate on foliation. Minor sericitic alt halos around veinlets.

162.45 170.06 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Similar to previous AMP. Porphyroblastic. Amp porphs 10-15% abundance; sub-round; dark green. Weak to moderate foliation. Dark green patches of dense euhedral coarse amp xls. Occasional qz-cb veins; close to tightly folded; cm scale. Py clots throughout; cm scale assoc with fracs. Occasional elongate vugs. Epidote alt notably absent.

170.06 171.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Massive; porphyroblastic LAMP. No foliation. Low angle contact. Occ low angle veins and fracs. Veins are weakly deformed; qz-cb-ep; laminated; <2cm. No vis sulfs. No vis alt.

171.00 172.30 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green-grey porphyroblastic AMP. 10-15% amp porphs; equant; angular; <5mm. Sparse dissem Py throughout; <1mm; subhedral; locally elevated in veins as cm scale clots; up to 5% over 10cm. Veins are irregular; deformed; cm scale with abundant clotty epidote and sericite alteration. No visible foliation.

172.30 172.60 (FGS) Felsic Gneiss Sedimentary, ( )

FGS as previous; likely same interval. Well foliated; highlighted by elongate biot and py porphs. No vis alt.

172.60 173.30 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

AMP as previous. Grey-green fine grained groundmass with 20% amp porphs; angular; <5mm. Felsic groundmass. Minor vugs hosting py crust. No vis alt. Weakly foliated.

173.30 173.76 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		FGS with dense population of subround qz eyes <5mm. Weakly foliated; defined by aligned elongate biot porphs. No vis alt. Sparse dissem Py.								
173.76	**175.67**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP as previous. Grey-green fine grained groundmass with 20% amp porphs; angular; <5mm. Felsic groundmass. Minor vugs hosting py crust. No vis alt. Weakly foliated.								
175.67	**179.34**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with occasional qz eyes; reduced population relative to previous FGS. Grey groundmass with pervasive weak pink tint resulting from K alt. Appears devoid of amphibole. Dissem aligned euhedral biot; <5mm; imparts weak foliation. Locally strong K alt as halos around mm scale veinlets. Occasional minor vugs aligned with foliation. Rare cm scale opq white qz veins; foliation discordant.								
179.34	**185.06**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; equigranular; fine grained AMP. Weak foliation highlighted by occasional vugs and sulfide stringers. Fine grained amp and biot; difficult to determine abundance. Vugs host drusy epidote and Py crust. Weakly magnetic throughout. Millimeter scale veinlets are common; planar; high-angle; <5mm. Py present as vug fill and rare mm scale stringers.								
185.06	**185.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS; finer texture than prev FGS QZE. Qz eyes smaller than prev; <2mm. 10-15% abundance. Dissem biot and amp throughout; very fine grained; biot>amp. Clotty and dissem Py; sub to euhedral xls; <5mm; occasionally organized into cm scale colonies of contiguous xls. No vis alt. No significant veining.								
185.70	**185.95**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Vuggy AMP as previous. Fine grained; equigranular; melanocratic. Vugs aligned with foliation and occ low angle veins; hosting minor epidote and Py.								
185.95	**186.30**	**(QFP) Quartz Feldspar Porphyry, ( )** Moderately foliated QFP with coarse grained Qtz phenocrysts within a fine to medium grained matrix. Biotite is present as fine to medium grained euhedral to subhedral cyrstal within a fine grained qtz and plag matrix. Trace Py as disseminations. Sharp contacts.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
186.30	**187.42**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey green fine to medium grained intermediate AMP with bands containing more biotite and plag. Minor pyrite and throughout as disseminations. Few small local bands of qtz rich sections verging towards a more mafic FGS. Vugs present locally.								
187.42	**189.33**	**(QFP) Quartz Feldspar Porphyry, ( )** Moderately foliated QFP with coarse grained Qtz phenocrysts within a fine to medium grained matrix. Biotite is present as fine to medium grained euhedral to subhedral cyrstal within a fine grained qtz and plag matrix. Trace Py as disseminations. Sharp contacts.								
189.33	**193.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Grain size varies locally from fine to medium. Most of section is fine grained but few medium grained sections exist.								
193.48	**194.15**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Moderately foliated intermediate AMP with vugs locally. Much of the section includes a low angle qtz vein or qtz flooded AMP. Increased biotite around the qtz and minor pyrite present as disseminations and as aggregates within the qtz zone.								
194.15	**196.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor compositional banding. Grain size varies locally from fine to medium. Most of section is fine grained but few medium grained sections exist. Trace to minor Py.								
196.85	**197.45**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Moderately foliated intermediate AMP with vugs locally. Much of the section is qtz flooded AMP with Qtz unevenly present in the matrix. Increased biotite around the qtz and minor pyrite present as disseminations and as aggregates within the qtz zone. AMP crystals vary in size.								
197.45	**213.54**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor gradational compositional banding. Few small								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

sections are finer grained but 95% of this section is medium grained. Minor py as disseminations and thin aggregates along foliations. Weak qtz eye texture present in some areas. One small QV at 208.85m

213.54 214.15 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark grey LAMP. Some K alteration on the bottom end.

214.15 217.75 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor gradational compositional banding. Local vugs observed. Minor AMP content. Weak K alteration as halos where small veinlets are observed. Trace Py.

217.75 222.95 (AMPG) Amphibole Felsic Gneiss, ( )

Medium grained AMPG with coarse biotite and hornblends throughout. Biotite is the most dominate mineral by far and the unit is near phyolite. Thought to maybe be a metal serpentinite. No sulfides observed.

222.95 231.94 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated FGS containing biotite. Silica content and biotite content varies slightly along foliation forming minor gradational compositional banding. Local vugs observed. Minor AMP content and few local AMP patches (1-2cm) along foliations. Few Qtz rich patches (>5cm) observed locally. Weak qtz eye texture observed locally.

231.94 234.55 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained moderately foliated FGS containing biotite and AMP. Vugs present parallel to foliations throughout. Trace Py.

234.55 239.10 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated FGS containing biotite and minor AMP. Biotite are euhedral grains within finer qtz plag matrix. Trace to minor Py as disseminations and thin aggregates along foliations. Weak Qtz eye texture.

239.10 240.77 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained FGS with biotite and increased AMP content compared to previous FGS units. Higher degree of foliation as well. Small vugs present locally. Trace to minor Py.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

240.77 242.36 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated FGS containing biotite and minor AMP. Biotite are euhedral grains within finer qtz plag matrix. Trace to minor Py as disseminations and thin aggregates along foliations. Weak Qtz eye texture. Pervasive weak K alteration where small veinlets are observed.

242.36 243.06 (AMPG) Amphibole Felsic Gneiss, ( )

Strongly foliated AMPG with coarse porphryoclastic AMP showing apparent dextral shearing of assymetric grains. See photo 2106. Trace Py.

243.06 252.61 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated FGS with biotite and minor AMP. One 1cm low angle LAMP as 247.4m. Few bands of AMP rich sections less than 5cm in width. Two small QVs at 245.96m and 247.5m. Vugs are locally present. Biotite and Qtz abundance varies slightly throughout. Trace Py.

252.61 253.25 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained Matrix with coarse Qtz eyes. Vugs locally. Trace Py.

253.25 256.21 (FGS) Felsic Gneiss Sedimentary, ( )

Moderately foliated fine to medium grained FGS containing euhedral biotite. Bands of K alteration and bands of increased qtz content are observed locally. Minor Py as disseminations and thin aggregates along foliations. One spot has magnetite.

256.21 258.85 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained Matrix with coarse Qtz eyes. Vugs locally. Trace Py.

258.85 259.85 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS containing biotite. Minor variation with grain size. Several Qtz and miinor py.

259.85 260.95 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grainedd FGS with minor biotite and pervasive strong K alteration. Minor py as disseminations and as medium to large aggregates along fractures. Fractured units.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

260.95 275.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Moderately foliated fine to medium grained FGS with biotite. Grain size varies towards medium grained locally but is generally fine within the matrix. Thin vugs observed along foliation planes locally. Py content varies from trace to 2% but overall minor in the form of disseminations and thin aggregates along foliations. Foliation is consistent.

275.70 277.70 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Moderately foliated fine to medium grained intermediate AMP. Variation between fine and medium grained sections is gradational and banded. Medium grained AMP shows more strain than the finer grained sections. Epidote alteration is observed where AMP grains become coarser. Fine minor Py.

277.70 279.42 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with biotite and local small bands of AMP. Weak qtz eye phenocrysts. Trace Py as disseminations and thin aggregates along foliations. K alteration present strongly from 279.03 to 279.42m.

279.42 282.56 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated intermediate AMP. The grain size variation is gradations and is often reflected in the abundance of CPX Patches. Locally the strain and foliation is stronger than moderate and seen in the AMP crystal shape. Minor trace Py as disseminations and thin aggregates along foliations.

282.56 284.95 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained FGS with Qtz phenocyrsts. Moderately foliated. Could be a sed/dioite or variation of FGD QtzEyes. A white QV with patches of CPS around it at 283.65-283.81m. Local bands of AMP present (less than 5cm wide). Minor Py present as disseminations and thin aggregates along foliations. Py abundance varies slightly.

284.95 285.20 (AMP) Amphibolite, (AMPMG) Magnetite-rich Amphibolite

Fine to medium grained foliated intermediate AMP that is slightly magnetic. Banding is observed as varying grain sizes within the short unit. Minor Py disseminated.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

285.20 289.20 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained weak to moderately foliated FGS. Amp is present at higher amounts than typically seen. Weak magnetism is observed locally. Haven't been checking magnetism much but will continue to do so. 3% Py as disseminated cubes typically distributed along foliations.

289.20 289.82 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weak to moderately foliated FGS. Amp is present at higher amounts than typically seen. Strong magnetism is observed locally. 10% Py as disseminated cubes typically distributed along foliations and as aggregates.

289.82 295.47 (DIO) Diorite, ( )

Diorite or potentially a porphryritic FGS. Compositionally homogeneous and weak to moderately foliated. Qtz phenocrysts are coarse in a medium grained matrix. Two small bands of AMP (4cm width) near the top of unit. Minor to trace cubic Py.

295.47 299.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with local Qtz flooding. Banding is observed as varying qtz content and varying grain size. Most of the unit is fine grained. Minor Py observed as disseminated cubes with the matrix and along foliations. Local magnetism.

299.00 305.02 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grain moderately foliated FGS. Banding was observed by varying grain sizes; and AMP and qtz abundance. Py as disseminations and aggregates along foliations were unevenly distributed. Typically more Py associated with more AMP content. Coarse Qtz phenocrysts observed in most of the unit.

305.02 305.85 (UMD) UM\LAMP Dike, ( )

Fine grained light green groundmass with 5-10% anhedral plag phenocrysts <3mm. Foliation/lamination is pronounced near margins; nearly absent at centre. 1cm riebeckite laminae at margins; blue; aphanitic. 5-10% dissem Kspar in groundmass. Rare cm scale xenoliths; angular; melanocratic; comprising coarse biot-chl xls (>90%) groundmass with coarse qz-plag phenos. Margins appear chilled. Proximal host rock is strongly K altered. Light green colouration could be result of strong chl alteration of amphiboles. Margins of intrusion aare planar; discordant relative to foliation. Trace dissem Py throughout.

305.85 308.95 (FGS) Felsic Gneiss Sedimentary, ( )

Moderately foliated FGS with qz eyes <1cm; subround; 3% abundance. Millimeter scale biot

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

porphs; elongate; imparts/highlights foliation; high angle tca. Strong K alt at contact with UMD and as halos surrounding high angle mm scale qz-cb veinlets. Trace K alt throughout; discontinuous. Dissem fine Py throughout; 1%; subhedral; <1mm. Occasional porphyritic veins; high angle; planar; approx concordant with foliaiton.

308.95 309.30 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Folded qz vein; uncertain true thickness. Grey-white; opaque. Prominent K spar; subhedral xls; <5mm; proximal to downhole contact. Trace Py; <1mm subhedral xls. Well defined fold axis at uphole contact. Overall barren; unaltered appearance.

309.30 309.70 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained foliated AMP with porphryitic AMP crystals within a finer grained matrix. Trace Py.

309.70 324.00 (FGS) Felsic Gneiss Sedimentary, ( )

Well foliated fine to medium grained grey FGS with euhedral biotites within a fine to medium grained qtz plag matrix. Few cm scale bands of AMP rich FGS. Serveral small cm scale QV and minor amonuts of silicification locally. Trace Py. At 310.75 a small qtz carb vein has massive Py and Chalcopyrite along contacts with the FGS ~1cm thick.

324.00 324.45 (QFP) Quartz Feldspar Porphyry, ( )

Medium grained foliated QFP with coarse phenocrysts of qtz. Matrix is medium grained plag grains between medium grained biotites which define the foliation. Few phenocrysts show strain shadows and/or defomation. Trace disseminated py.

324.45 324.75 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coase grained PEG. AMP and Biotite crystals between grain boundaries. Trace py.

324.75 324.91 (QFP) Quartz Feldspar Porphyry, ( )

Medium grained foliated QFP with coarse phenocrysts of qtz. Matrix is medium grained plag grains between medium grained biotites which define the foliation. Few phenocrysts show strain shadows and/or defomation. Trace disseminated py.

324.91 335.44 (FGS) Felsic Gneiss Sedimentary, ( )

Well foliated fine to medium grained grey FGS with euhedral biotites within a fine to medium

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		grained qtz plag matrix. Serveral small cm scale QV and minor amonuts of silicification locally. Trace Py. Local magnetism.								
335.44	**336.47**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained foliated FGS with three 5-8cm wide AMP bands with K alteration halos around the three AMP bands. Qtz flooding locally as well. Trace py.								
336.47	**343.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to modately foliated FGS. Medium grained euhedreal biotites define foliation within a fine to medium grained feldspar/qtz matrix. K alteration is weakly present throughout the unit in the form of Kspar amongst the plag and qtz. Trace cubic Py. Two small PEG veins flanking the 342 block.								
343.65	**346.33**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** Foliated AMP UM. Composed of Biotite and hornblend (60/40). Biotite is in the form of coarse grain booklets which define foliaiton. AMP crystals are potentially porphryoblastics and show some strain features locally.								
346.33	**347.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark LAMP with carb veinlets and xienoliths.								
347.40	**350.77**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with weak quartz eye texture observed locally. Several large and small QVs are within this section and they are all boundinaged thus the contacts are not regular and can be difficult to measure angles accurately. Small cm scale AMP bands are observed rarely. Additionally cm scale bands of K alteration are observed locally. euhedral biotite within qtz and plag. Minor amounts of disseminated Py.	A73482	348	348.55	0.55	0.02	AGAT_FAICP		
			A73483	348.55	349.25	0.7	0.048	AGAT_FAICP		
			A73484	349.25	349.75	0.5	0.007	AGAT_FAICP		
			A73485	349.75	350.25	0.5	0.043	AGAT_FAICP		
			A73487	350.25	350.77	0.52	0.013	AGAT_FAICP		
350.77	**357.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with a stong Qtz Eye texture throught. Trace Py as disseminations.	A73488	350.77	351.5	0.73	0.035	AGAT_FAICP		
			A73489	351.5	352	0.5	0.044	AGAT_FAICP		
			A73490	352	352.6	0.6	0.104	AGAT_FAICP		
			A73491	352.6	353	0.4	0.081	AGAT_FAICP		
			A73493	353	354	1	0.055	AGAT_FAICP		
			A73494	354	355	1	0.056	AGAT_FAICP		
			A73495	355	356	1	0.04	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A73496	356	357.2	1.2	0.029	AGAT_FAICP		
357.20	**358.82**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A73497	357.2	358	0.8	0.087	AGAT_FAICP		
			A73499	358	358.82	0.82	0.054	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite FGS. Minor banding is observed where AMP content increases. Gradual contact with the next unit. Trace Py.								
358.82	**361.36**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73500	358.82	359.85	1.03	0.295	AGAT_FAICP		
			A73601	359.85	360.68	0.83	0.111	AGAT_FAICP		
		Fine to medium grained moderately foliated intermediate AMP with bands which are observed to decrease in AMP content slightly and gradually. Py is minor and varies in abundance within unit. Two small PEG units.	A73602	360.68	361	0.32	0.073	AGAT_FAICP		
			A73603	361	361.36	0.36	0.169	AGAT_FAICP		
361.36	**361.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A73604	361.36	361.9	0.54	0.203	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite FGS with gradational compositional banding where AMP content increases. Trace to minor Py.								
361.90	**362.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73605	361.9	362.7	0.8	0.659	AGAT_FAICP		
		Fine to medium grained moderately foliated intermediate AMP with bands which are observed to decrease in AMP content slightly and gradually. Py is minor and varies in abundance within unit.								
362.70	**363.17**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73607	362.7	363.17	0.47	0.093	AGAT_FAICP		
		Fine grained moderately foliated FGS with trace Py. Biotite pervasive but present in lower amounts than observed above and below.								
363.17	**364.56**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73608	363.17	363.8	0.63	0.249	AGAT_FAICP		
			A73609	363.8	364.53	0.73	0.334	AGAT_FAICP		
		Fine to medium grained moderately foliated intermediate AMP with bands which are observed to decrease in AMP content slightly and gradually. Py is minor to trace with local areas of high abundance.								
364.56	**368.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73610	364.53	364.86	0.33	0.924	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS with a cm scale bands of AMP at 366.55m								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Trace Py. Weak to moderate K alteration within middle of the section over ~1m.			A73611	364.86	365.5	0.64	0.243	AGAT_FAICP		
			A73613	365.5	366.5	1	0.074	AGAT_FAICP		
			A73614	366.5	367	0.5	0.03	AGAT_FAICP		
			A73615	367	368	1	0.061	AGAT_FAICP		
			A73616	368	368.8	0.8	0.065	AGAT_FAICP		
368.80	**371.63**	**(AMP) Amphibolite, ( )**	A73617	368.8	369.51	0.71	0.092	AGAT_FAICP		
Medium to coarse grained strongly to moderately foliated AMP. Coarse biotite grains are present throughout the section but become smaller near contacts. Minor compositional banding is observed where plag content increased slightly. Minor K alteration locally. Trace Py.			A73619	369.51	370	0.49	0.0005	AGAT_FAICP		
			A73620	370	371	1	0.938	AGAT_FAICP		
			A73621	371	371.63	0.63	0.101	AGAT_FAICP		
371.63	**373.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73622	371.63	372	0.37	0.332	AGAT_FAICP		
Fine grained moderately foliated FGS with minor biotite as fine euhedral cyrstals within qtz/plag matrix.			A73623	372	373	1	0.263	AGAT_FAICP		
			A73624	373	373.45	0.45	0.144	AGAT_FAICP		
373.45	**373.69**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73625	373.45	373.78	0.33	0.684	AGAT_FAICP		
Fine to medium grained moderately foliated intermediate AMP. Few coarse grained AMP crystals within the center of the unit. Trace Py. Gradational contacts.										
373.69	**375.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73627	373.78	374.3	0.52	0.126	AGAT_FAICP		
Fine to coarse grained moderately foliated qtz eyes FGS. Minor biotite as disseminations within the matrix often as thin long aggregates defining foliation. Trace Py.			A73628	374.3	374.87	0.57	0.327	AGAT_FAICP		
			A73629	374.87	375.5	0.63	0.281	AGAT_FAICP		
375.50	**375.75**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	A73630	375.5	376	0.5	0.13	AGAT_FAICP		
Dark fine LAMP dyke with poorly sorted xienoliths.										
375.75	**376.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A73630	375.5	376	0.5	0.13	AGAT_FAICP		
Fine grained moderately foliated FGS with weak kspar alteration. Trace Py.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
376.23	**378.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	A73631	376	376.5	0.5	0.483	AGAT_FAICP		
Dark fine LAMP dyke with poorly sorted xienoliths.			A73633	376.5	377	0.5	0.002	AGAT_FAICP		
			A73634	377	378	1	0.002	AGAT_FAICP		
			A73635	378	378.5	0.5	0.009	AGAT_FAICP		
378.50	**379.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73636	378.5	379	0.5	0.237	AGAT_FAICP		
Fine to coarse grained moderately foliated qtz eyes FGS. Minor biotite as disseminations within the matrix often as thin long aggregates defining foliation. Trace Py. Gradational contact with lower intermediate AMP.			A73637	379	379.5	0.5	0.159	AGAT_FAICP		
379.50	**381.38**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73639	379.5	380.38	0.88	3.74	AGAT_FAICP		
Fine to medium grained moderately foliated intermediate AMP. Upper contact is a gradational contact with the FGS qtz eyes. The intermediate AMP unit is compositionally variable and may be a AMP rich FGS. Trace Py.			A73640	380.38	380.68	0.3	0.522	AGAT_FAICP		
			A73641	380.68	381.5	0.82	0.46	AGAT_FAICP		
381.38	**381.55**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Black fine grained LAMP with several small carbonate veins.										
381.55	**385.94**	**(AMP) Amphibolite, ( )**	A73642	381.5	382	0.5	1.02	AGAT_FAICP		
Fine to coarse grained strongly to moderately foliated banded AMP. AMP content varies in abundance and composition. Trace Py and Po. First sighting of Po within hole. PEG veins at 384.15 and 385.67. Qv veins / flooding observed from 384.3 50 to 394.56. Small FGS unit from 384.56 to 394.67.			A73643	382	383	1	2.23	AGAT_FAICP		
			A73644	383	384.15	1.15	0.18	AGAT_FAICP		
			A73645	384.15	384.56	0.41	0.2	AGAT_FAICP		
			A73647	384.56	385	0.44	0.529	AGAT_FAICP		
			A73648	385	385.3	0.3	1.71	AGAT_FAICP		
			A73649	385.3	385.94	0.64	1.06	AGAT_FAICP		
385.94	**386.68**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73650	385.94	386.68	0.74	0.151	AGAT_FAICP		
Weak to moderately foliated medium to coarse grained FGS with strong qtz eye texture. Biotite present in the medium grained matrix as euhedral crystals along foliations. Trace Py.										
386.68	**387.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A73651	386.68	387	0.32	0.08	AGAT_FAICP		
Fine to medium grained moderately foliated FGS with biotite pervasively; and amphiboles			A73653	387	387.4	0.4	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		locally around veining. One white and grey coarse PEG at 387.04 and a quartz flooded/vein from 386.88 to 386.98. Trace Py. Biotite defines foliation.								
387.40	**389.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weak to moderately foliated medium to coarse grained FGS with strong qtz eye texture. Biotite present in the medium grained matrix as euhedral crystals along foliations. Minor disseminated Py.	A73654 A73655	387.4 388	388 389	0.6 1	0.078 0.077	AGAT_FAICP AGAT_FAICP		
389.00	**390.42**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated AMP with local qtz flooding resulting in slight compositional banding. Amphibolite crystals vary in size localy but abundance is constant. Trace Py and Po.	A73656 A73657	389 389.64	389.64 390.42	0.64 0.78	0.275 0.605	AGAT_FAICP AGAT_FAICP		
390.42	**391.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weak to moderately foliated fine to medium grained FGS with weak qtz eye texture. Biotite present in the medium grained matrix as euhedral crystals along foliations. Minor disseminated Py.	A73659 A73660	390.42 391	391 391.86	0.58 0.86	0.034 0.15	AGAT_FAICP AGAT_FAICP		
391.70	**391.86**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated AMP. Minor Py. Sharp contacts. Small unit.								
391.86	**392.97**	**(DIO) Diorite, ( )** Fine to medium grained well foliated matrix with coarse phenocrysts unevenly distributed. Medium to coarse biotites define foliations. No sulfides observed.	A73661	391.86	392.97	1.11	0.037	AGAT_FAICP		
392.97	**393.78**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated AMP unit. Slight compositional variation observed in bands. Trace Py.	A73662	392.97	393.78	0.81	0.117	AGAT_FAICP		
393.78	**394.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated FGS. Minor biotite mainly medium grained qtz and feldspar. Trace to minor Py and Po.	A73663	393.78	394.65	0.87	0.021	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
394.65	**396.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	A73664	394.65	395.4	0.75	0.019	AGAT_FAICP		
Black Xienolithic LAMP.			A73665	395.4	396	0.6	0.009	AGAT_FAICP		
396.00	**400.07**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A73667	396	397	1	0.041	AGAT_FAICP		
			A73668	397	397.5	0.5	0.011	AGAT_FAICP		
Fine to medium grained moderately foliated FGS with biotite. Three 3-5cm AMP sections within. Slightly variable compositional banding within the FGS. A small 2cm LAMP dyke near the upper contact parallel to upper dyke. Trace Py.			A73669	397.5	398	0.5	0.03	AGAT_FAICP		
			A73670	398	398.5	0.5	0.055	AGAT_FAICP		
			A73671	398.5	398.8	0.3	0.087	AGAT_FAICP		
			A73673	398.8	399.5	0.7	0.071	AGAT_FAICP		
			A73674	399.5	400.07	0.57	0.133	AGAT_FAICP		
400.07	**400.46**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	A73675	400.07	400.46	0.39	0.009	AGAT_FAICP		
White QV. Potentially folded or boundinaged by irregular lower and upper contact. No sulfides.										
400.46	**400.63**	**(AMP) Amphibolite, ( )**	A73676	400.46	400.78	0.32	0.115	AGAT_FAICP		
Fine to medium grained moderately foliated AMP unit with compositional bands and weak epidote and K alteration. Minor Py.										
400.63	**400.78**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Undulating massive white QV. Not able to get contact but near 90 TCA. Minor Kspar alteration along internal fractures.										
400.78	**402.93**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	A73677	400.78	401.51	0.73	0.057	AGAT_FAICP		
			A73679	401.51	402.4	0.89	0.015	AGAT_FAICP		
Fine to medium grained strongly to moderately foliated FGS muscovite rich. Trace wisps of silliminite are observed around Muscovite patches/cyrstals. K alteration is pervasive from 401m down. A small LAMP dyke is observed from 402.02 to 402.15m. Trace to minor Py.			A73680	402.4	402.93	0.53	0.034	AGAT_FAICP		
402.93	**403.30**	**(AMP) Amphibolite, ( )**	A73681	402.93	403.3	0.37	0.187	AGAT_FAICP		
Fine to medium grained strongly to moderately foliated AMP. Banding shows some compositional variation. carbonate banding is present and associated with alteration halos. Trace Py.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
403.30	**403.68**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained strongly to moderately foliated FGS muscovite rich. Trace wisps of silliminite are observed around Muscovite patches/cyrstals. Trace to minor Py.	A73682	403.3	403.68	0.38	0.046	AGAT_FAICP		
403.68	**405.95**	**(AMP) Amphibolite, ( )** Fine to medium grained strongly to moderately foliated AMP with weak to strong alteration locally as halos and bands. There is a gradual contacts with the lower unit of FGS. Cm scale banding of plag rich sections are observed throughout the section unevenly. Minor Py and local magnetism observed.	A73683	403.68	404	0.32	0.207	AGAT_FAICP		
			A73684	404	405	1	0.372	AGAT_FAICP		
			A73685	405	405.95	0.95	0.86	AGAT_FAICP		
405.95	**407.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately to strongly foliated FGS with ample K alteration. Banding of coarse biotite rich sections are distributed unevenly between altered and less altered sections of FGS. Local sections show qtz flooding. Trace Py and Po pbserved.	A73687	405.95	406.6	0.65	0.77	AGAT_FAICP		
			A73688	406.6	407.1	0.5	0.159	AGAT_FAICP		
407.10	**407.60**	**(UM) Ultramafic, ( )** Undifferentiated ultramafic dyke with fine grained matrix and xienoliths of the adjcent rock along the upper contact. Along upper brecciated contact large ~1-0.2 cm scale brecciated and complete Py cubes. Sericite alteration is strong to intensse throughout the unit.	A73689	407.1	407.6	0.5	0.031	AGAT_FAICP		
407.60	**407.98**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately to strongly foliated FGS with ample K alteration. Moderate magnetism throughout. Trace Py observed.	A73690	407.6	407.98	0.38	0.607	AGAT_FAICP		
407.98	**408.32**	**(AMP) Amphibolite, ( )** Medium to coarse grained moderately foliated AMP wit compositional and alterational banding. No sulfides observed. Alteration and grain size decreases down section.	A73691	407.98	408.32	0.34	0.971	AGAT_FAICP		
408.32	**408.73**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium grained GBFG with coarse to very coarse garnet porphryoblasts in the form of single disseminated crystals and as aggregates parallel to foliation. Py and Po observed in minor amounts. Matrix is equal parts plag qtz and bio.	A73693	408.32	408.73	0.41	2.55	AGAT_FAICP		
408.73	**411.42**	**(FGG) Felsic Gneiss Granitic, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium to coarse grained moderately to strongly foliated FGG containing patches of medium grained muscovite associated with fine grain wisps of silliminite. Compositoinal banding is observed where minor qtz (flooding?) content increases. K alteration is also pervasive but varies in intensity throughout. Trace Py (and Po?).	A73694	408.73	409.5	0.77	0.703	AGAT_FAICP		
			A73695	409.5	410	0.5	1.22	AGAT_FAICP		
			A73696	410	411	1	0.14	AGAT_FAICP		
			A73697	411	411.42	0.42	0.147	AGAT_FAICP		
411.42	**412.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	A73699	411.42	412.35	0.93	0.318	AGAT_FAICP		
		Fine to medium grained moderately to strongly foliated FGS containing Muscovite and trace silliminite. Compositional variation is observed in the form of increased qtz (flooding?). Minor biotite pervasively throughout finer grained qtz plag matrix. Trace Py.								
412.35	**413.10**	**(FGG) Felsic Gneiss Granitic, ( )**	A73700	412.35	413.1	0.75	0.17	AGAT_FAICP		
		Medium to coarse grained moderately to strongly foliated FGG containing patches of medium grained muscovite associated with fine grain wisps of silliminite. Compositoinal banding is observed where minor qtz (flooding?) content increases. K alteration is also pervasive but varies in intensity throughout. Trace Py (and Po?).								
413.10	**414.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73701	413.1	413.45	0.35	0.057	AGAT_FAICP		
		Weak to moderately foliated fine to medium grained FGS with weak qtz eye texture. Biotite present in the medium grained matrix as euhedral crystals along foliations. Minor disseminated Py. Three QVs within section. One light grey one with minor Po and Py that is parallel to foliation. Two smaller veins which are slightly foliated and boundinaged. Fold axis and boundinaged pinch points parallel. Fold axis 36-074 See photos 2131-2134.	A73702	413.45	414.1	0.65	0.075	AGAT_FAICP		
414.10	**415.39**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A73703	414.1	414.5	0.4	0.3	AGAT_FAICP		
		Medium grained strongly to moderately foliated GBFG with medium grained garnets disseminated within a medium grained biotite qtz matrix. Muscovite observed in minor amounts throughout. Minor Py and Po throughout as disseminations and thin aggregates along foliations.	A73704	414.5	415.39	0.89	0.684	AGAT_FAICP		
415.39	**416.30**	**(FGG) Felsic Gneiss Granitic, ( )**	A73705	415.39	416.3	0.91	0.299	AGAT_FAICP		
		Medium to coarse grained moderately to strongly foliated FGG containing patches of medium grained muscovite associated with fine grain wisps of silliminite. K alteration is weak locally. Trace Py and Po.								
416.30	**416.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A73707	416.3	416.9	0.6	0.169	AGAT_FAICP		
		Coarse to very coarse Granitic PEG. Upper contact undulates perpindicular to core axis. Low contact is Low angle LAMP.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
416.90	**417.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Low angle dark black/greenish LAMP with carbonate veining and xienoliths.	A73708	416.9	417.8	0.9	0.019	AGAT_FAICP		
417.80	**419.10**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately to strongly foliated FGG containing. Contact with the lower PEG is somewhat diffuse. Could be magmatiitic. Biotite unevenly distributed within the matrix. Trace sulfides.	A73709	417.8	419.1	1.3	0.106	AGAT_FAICP		
419.10	**420.25**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Pink and white coarse grained PEG.	A73710	419.1	419.5	0.4	0.031	AGAT_FAICP		
			A73711	419.5	420.25	0.75	0.052	AGAT_FAICP		
420.25	**426.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Large section of medium grained porphryoblastic GBFG. Garnets are medium grained individual crystals and aggregates along foliation. Medium to coarse grained biotite within a qtz and plag matrix and sometimes make up the majority of the matrix. Minor Po and Py.	A73713	420.25	421	0.75	1.05	AGAT_FAICP		
			A73714	421	422	1	1.19	AGAT_FAICP		
			A73715	422	423	1	0.564	AGAT_FAICP		
			A73716	423	424	1	0.298	AGAT_FAICP		
			A73717	424	425	1	0.481	AGAT_FAICP		
			A73719	425	426	1	0.515	AGAT_FAICP		
426.00	**427.43**	**(AMP) Amphibolite, ( )** Fine grained weakly banded moderately foliated AMP. Gradational contact with the GBFG above. Minor sulfides.	A73720	426	427	1	0.341	AGAT_FAICP		
			A73721	427	427.43	0.43	1.22	AGAT_FAICP		
427.43	**428.47**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained strongly to moderately foliated FGS with biotite proximal to ore zone. Compositional banding is observerd where qtz has flooded into the matrix resulting in bands of qtz with disseminated biotite crystals. One small boundinage grey QV observed with sulfides within the strain shadow. Trace py and po within matrix.	A73722	427.43	428.47	1.04	1.41	AGAT_FAICP		
428.47	**429.63**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained moderately foliated FGG with what may be melt patches/bands. Biotite defines the foliation fabric within qtz and feldspar matrix. Muscovite rare. Trace po and py.	A73723	428.47	429	0.53	0.386	AGAT_FAICP		
			A73724	429	429.5	0.5	0.14	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
429.63	**430.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately to strongly foliated FGS with minor biotite within a qtz feldspar matrix. Biotite defines the foliation well. Trace sulfides. Gradational upper contact.	A73725	429.5	430.36	0.86	0.345	AGAT_FAICP		
430.36	**430.71**	**(AMP) Amphibolite, ( )** Fine to medium grained stronly to moderately foliated AMP. Banding shows some textural variation within the AMP but composition of AMP>plag>bio remains constant. Trace to minor Py and Po uneven distributed as disseminations and thin aggregates along foliations.	A73727	430.36	430.71	0.35	0.561	AGAT_FAICP		
430.71	**431.08**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately to strongly foliated FGS with biotite. Trace to minor Py and Po as disseminations and thin aggregates along foliations. Gradational contacts above and below parallel to foliaton.	A73728	430.71	431.08	0.37	0.217	AGAT_FAICP		
431.08	**432.06**	**(AMP) Amphibolite, ( )** Fine to medium grained stronly to moderately foliated AMP. Banding shows some textural variation within the AMP but composition of AMP>plag>bio remains constant. Trace to minor Py and Po uneven distributed as disseminations and thin aggregates along foliations.	A73729	431.08	432.06	0.98	0.066	AGAT_FAICP		
432.06	**432.51**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Porphritic DIO with minor amounts of AMP strongly to moderately foliated. Minor epidote alteration. No sulfides observed. Shear sense of strained phenocrysts shows an apparent sinistral shear sense. See photo 2135.	A73730	432.06	432.51	0.45	0.036	AGAT_FAICP		
432.51	**438.37**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained moderately to strongly foliated biotite rich FGS with garnets observed locally. Abundance in garnets and slight variation in biotite content is diffuse and gradual (M scale). Minor Po and Py as disseminations and as thin aggregates along foliations. Several small PEG veins and one large barren white QV.	A73731	432.51	433	0.49	0.12	AGAT_FAICP		
			A73733	433	434	1	0.265	AGAT_FAICP		
			A73734	434	435	1	1.09	AGAT_FAICP		
			A73735	435	436	1	1.02	AGAT_FAICP		
			A73736	436	437	1	0.503	AGAT_FAICP		
			A73737	437	438	1	0.201	AGAT_FAICP		
438.37	**443.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU)**	A73739	438	439	1	0.423	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Muscovite-rich FGS	A73740	439	440	1	0.243	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS muscovite. Muscovite is observed as small grains distributed evenly throughout the section. Biotite present in minor amounts within the matrix. Trace sulfides.	A73741	440	441	1	0.082	AGAT_FAICP		
			A73742	441	442	1	0.245	AGAT_FAICP		
			A73743	442	443.23	1.23	0.533	AGAT_FAICP		
443.23	**445.36**	**(FGG) Felsic Gneiss Granitic, ( )**	A73744	443.23	444	0.77	0.286	AGAT_FAICP		
		Medium grained strongly to moderately foliated FGG with muscovite and silliminite. Trace sulfides. Minor biotite. Weakly k altered section for the first 50cm.	A73745	444	445	1	0.217	AGAT_FAICP		
			A73747	445	445.36	0.36	0.248	AGAT_FAICP		
445.36	**446.73**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	A73748	445.36	446	0.64	0.42	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS muscovite. Muscovite is observed as small grains distributed evenly throughout the section. Biotite present in minor amounts within the matrix. Trace sulfides. Weak qtz eyes.	A73749	446	446.73	0.73	0.064	AGAT_FAICP		
446.73	**448.74**	**(FGG) Felsic Gneiss Granitic, ( )**	A73750	446.73	447.5	0.77	0.178	AGAT_FAICP		
		Fine to medium grained moderately foliated FGG with abundant muscovite and silliminite. Minor biotite pervasively. Tace sulfides.	A73751	447.5	448	0.5	0.187	AGAT_FAICP		
			A73753	448	448.74	0.74	0.164	AGAT_FAICP		
448.74	**449.15**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	A73754	448.74	449.22	0.48	0.177	AGAT_FAICP		
		Coarse to very coarse qtz rich PEG with minor amounts of medium grained biotite between coarse grain boundaries. Tace sulfides along gain boundaries.								
449.15	**450.26**	**(FGG) Felsic Gneiss Granitic, ( )**	A73755	449.22	449.96	0.74	0.334	AGAT_FAICP		
		Fine to medium grained moderately foliated FGG with abundant medium to coarse muscovite and fg silliminite. Minor biotite pervasively. Tace sulfides. One Small PEG vein.	A73756	449.96	450.26	0.3	0.231	AGAT_FAICP		
450.26	**454.06**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	A73757	450.26	451	0.74	0.247	AGAT_FAICP		
		Medium grained strongly to moderately foliated muscovite rich FGS. Muscovite is pesent thoughout the unit as patches and small aggregates within a Qtz>Plag>Bio matrix. Trace Py and Po.	A73759	451	451.5	0.5	0.288	AGAT_FAICP		
			A73760	451.5	451.85	0.35	0.475	AGAT_FAICP		
			A73761	451.85	452.15	0.3	0.327	AGAT_FAICP		
			A73762	452.15	452.5	0.35	0.173	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A73763	452.5	453	0.5	0.234	AGAT_FAICP		
			A73764	453	453.5	0.5	0.514	AGAT_FAICP		
			A73765	453.5	454.06	0.56	1.25	AGAT_FAICP		
454.06	**454.55**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)** Very coarse Qtz rich PEG with one small patch of FGS musc in the middle. Trace sulfides and biotite between gain boundaries.	A73767	454.06	454.55	0.49	0.059	AGAT_FAICP		
454.55	**458.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Medium grained strongly to moderately foliated muscovite rich FGS. Muscovite is pesent thoughout the unit as patches and small aggregates within a Qtz>Plag>Bio matrix. Trace Py and Po.	A73768	454.55	455	0.45	0.674	AGAT_FAICP		
			A73769	455	456	1	0.623	AGAT_FAICP		
			A73770	456	457	1	1.61	AGAT_FAICP		
			A73771	457	458.12	1.12	0.948	AGAT_FAICP		
458.12	**461.21**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse stongly to moderately foliated GBFG with garenet porphryoblasts as individual crystals and as aggregates parallel to foliations. Minor Po and Py as disseminated crystals and as thin aggregates along foliations. Locally AMP rich bands are observed and have diffuse contacts with the more biotite dominated GBFG.	A73773	458.12	458.73	0.61	1.07	AGAT_FAICP		
			A73774	458.73	459.5	0.77	1.18	AGAT_FAICP		
			A73775	459.5	460	0.5	1.25	AGAT_FAICP		
			A73776	460	460.5	0.5	0.494	AGAT_FAICP		
			A73777	460.5	461.21	0.71	0.571	AGAT_FAICP		
461.21	**461.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Short section of weakly K altered FGS. Porphryritic pink/white plag phenocrysts. No sulfides.	A73779	461.21	461.55	0.34	0.438	AGAT_FAICP		
461.55	**464.38**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse stongly to moderately foliated GBFG with garenet porphryoblasts as individual crystals and as aggregates parallel to foliations. Minor Po and Py as disseminated crystals and as thin aggregates along foliations.	A73780	461.55	462	0.45	0.695	AGAT_FAICP		
			A73781	462	462.5	0.5	0.918	AGAT_FAICP		
			A73782	462.5	463	0.5	1.18	AGAT_FAICP		
			A73783	463	463.5	0.5	0.626	AGAT_FAICP		
			A73784	463.5	464	0.5	0.344	AGAT_FAICP		
			A73785	464	464.38	0.38	1.18	AGAT_FAICP		
464.38	**464.71**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%**	A73787	464.38	464.71	0.33	0.729	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz) Granititc PEG unit flooding/infilling GBFG resulting in a PEG dyke with bands inclusions of the primary GBFG unit including the FOL1. No sulfides.								
464.71	**466.07**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse stongly to moderately foliated GBFG with garenet porphryoblasts as individual crystals and as aggregates parallel to foliations. Minor Po and Py as disseminated crystals and as thin aggregates along foliations. Gradational upper contact near parallel to foliaton.	A73788 A73789	464.71 465.5	465.5 466	0.79 0.5	1.65 3.38	AGAT_FAICP AGAT_FAICP		
466.07	**466.34**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained pink and white PEG with minor biotite between grain boundaries and minor sulfides along upper and lower contacts.	A73790	466	466.4	0.4	0.365	AGAT_FAICP		
466.34	**467.78**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse stongly to moderately foliated GBFG with garenet porphryoblasts as individual crystals and as aggregates parallel to foliations. Minor Po and Py as disseminated crystals and as thin aggregates along foliations. Gradational Lower contact parallel to foliaton as AMP content increases and Qtz content decreases.	A73791 A73793	466.4 467	467 467.78	0.6 0.78	1.34 2.13	AGAT_FAICP AGAT_FAICP		
467.78	**468.88**	**(AMP) Amphibolite, ( )** Fine grained moderately foliated biotite rich AMP unit with trace sulfides.	A73794	467.78	468.88	1.1	1	AGAT_FAICP		
468.88	**469.72**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse stongly to moderately foliated GBFG with garenet porphryoblasts as individual crystals and as aggregates parallel to foliations. Minor Po and Py as disseminated crystals and as thin aggregates along foliations. Gradational upper contact parallel to foliaton as AMP content decreases and Qtz content increases. VG spec observed.	A73795 A73796	468.88 469.22	469.22 469.72	0.34 0.5	1.97 4.64	AGAT_FAICP AGAT_FAICP	 Yes	 VG 1 spec
469.72	**470.10**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse to very coarse grey and white PEG. Minor biotite and trace sulfides.	A73799	469.72	470.1	0.38	0.895	AGAT_FAICP		
470.10	**470.53**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained GBFG with minor garnets. Local qtz and plag flooded areas showed small cm scale QVs. Minor Po and Py.	A73800	470.1	470.53	0.43	3.42	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
470.53	**474.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to coarse grained moderately to strongly foliated FGS. Grain size varies through section and biotite varies from 3-10%. Serveral 1-2cm wide QVs and PEG veins with gradational contacts observed throughout. One nice folded vien observed but lose of line makes an accurate measurement impossible. Trace sulfides.	A73801	470.53	471	0.47	0.434	AGAT_FAICP		
			A73802	471	472	1	0.304	AGAT_FAICP		
			A73803	472	473	1	0.066	AGAT_FAICP		
			A73804	473	474	1	0.099	AGAT_FAICP		
			A73805	474	474.85	0.85	0.034	AGAT_FAICP		
474.85	**477.00**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated AMP. Becciation begins in the middle of this AMP unit as core nears a fault gauge. Several small cm scale LAMP dykes and assiociated carbonate veinlets are located through fault gauge and the next litho unit. Trace sulfides within matrix.	A73807	474.85	476	1.15	0.092	AGAT_FAICP		
			A73808	476	476.5	0.5	0.044	AGAT_FAICP		
			A73809	476.5	477	0.5	1.39	AGAT_FAICP		
477.00	**477.26**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Brecciated PEG adjcent to fault gauge.	A73810	477	477.33	0.33	0.314	AGAT_FAICP		
477.26	**480.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** First meter of this unit is rubble from a fault gauge. Lower portion is a medium grained strongly to moderately foliated FGS with serveral small QVs and carb veinlets with brittle contacts and forms likely due to the fault zone. Biotite present throughout the unit evenly. One small PEG vein at 479.5m. Trace Py.	A73811	477.33	478	0.67	0.485	AGAT_FAICP		
			A73813	478	479	1	0.717	AGAT_FAICP		
			A73814	479	479.45	0.45	2.41	AGAT_FAICP		
			A73815	479.45	479.85	0.4	1.06	AGAT_FAICP		
			A73816	479.85	480.5	0.65	8.05	AGAT_FAGRA		
480.50	**482.43**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic PEG with bands of biotite rich sections which are likely reminants of the original host rock. Trace sulfides associated with biotites.	A73817	480.5	481	0.5	0.214	AGAT_FAICP		
			A73819	481	482	1	0.133	AGAT_FAICP		
			A73820	482	482.43	0.43	0.06	AGAT_FAICP		
482.43	**488.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGS. Two small cm scale sharp AMP sections are observed at 484.6m and 484.9m. Several small PEG veins with diffuse contacts also observed within this unit. Locally qtz eyes and biotite rich sections are observed. Sharp lower contact. Trace sulfides.	A73821	482.43	483	0.57	0.135	AGAT_FAICP		
			A73822	483	484	1	0.124	AGAT_FAICP		
			A73823	484	484.5	0.5	0.188	AGAT_FAICP		
			A73824	484.5	485	0.5	0.172	AGAT_FAICP		
			A73825	485	486	1	0.028	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A73827	486	487	1	0.0832	AGAT_FAICP		
			A73828	487	488	1	0.146	AGAT_FAICP		
			A73829	488	488.4	0.4	0.035	AGAT_FAICP		
488.40	**489.84**	**(AMP) Amphibolite, ( )**	A73830	488.4	489	0.6	0.114	AGAT_FAICP		
Fine to medium grained moderately foliated AMP with biotite and many small carb veinlets.			A73831	489	489.84	0.84	0.256	AGAT_FAICP		
489.84	**490.24**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	A73833	489.84	490.24	0.4	0.002	AGAT_FAICP		
LAMP dyke with carb veinlets.										
490.24	**490.70**	**(AMP) Amphibolite, ( )**	A73834	490.24	490.7	0.46	0.081	AGAT_FAICP		
Brecciated green AMP with numerous carb veinlets along brittle fractures. Trace sulfides.										
490.70	**491.17**	**(PEG) Pegmatite, ( )**	A73835	490.7	491.17	0.47	0.135	AGAT_FAICP		
Brecciated PEG with dark carbonate and fill veinlets irregularly mixed within an angular breccia. Could be part of Swamp fault or healed fault.										
491.17	**494.97**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73836	491.17	492	0.83	0.122	AGAT_FAICP		
Fine to medium grained moderately foliated FGs with strong Qtz eye texture. Biotite defines foliation and rarely evidence of sulfides.			A73837	492	493	1	0.014	AGAT_FAICP		
			A73839	493	494	1	0.02	AGAT_FAICP		
			A73840	494	495	1	0.022	AGAT_FAICP		
494.97	**495.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**								
couple centimeters of FW AMP. EOH = 495m										

Hole ID : **BL19-01070**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	15.09	Easting :	333403.9292	Logged By :	William.Gerber
Dip :	-78.211	Northing :	5302757.018	Logged By 2 :	Gordon.McFadden
Length :	1002	Elevation :	434.0007	Log Start :	1-Feb-2019
Drill Start :	30-Jan-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	1-Mar-2019
Drill Completed :	13-Feb-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

NOTE - DGPS survey was conducted on an open casing with no cap and ID. Drill pad was covered with snow and ice and flower one flower cap had been moved 5 metres from pad. Reassess collar location once pad is clear. BL19-01070 drilled after BL19-01070A abandonned due to unexpected deviation (too flat); steepened +1deg to anticipate similar flattening. Since abandonned hole was properly oriented (lines traced) from top to 135m; in this hole orientation lines are drawn from 132m to EOH. Hole was drilled using the name BL19-01070A; that was changed to BL19-01070 while drilling (AQ updated; not Major time sheets). Hole logged by W. Gerber at 0-234m; M. Ricardo at 234-386m; D. Rafuse at 386-510m; M. Schweinberge at 510-869m; and G. McFadden at 869-1002m. Two strong quartz veining sections with visable gold at 794.5-813.8m and 835.0-848.3m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**21.60**	**(OB) Overburden, ( )**								
22m NW casing. Boulders fragments (FGS +/- KFp-altered).										
21.60	**22.10**	**(UMD) UM\LAMP Dike, ( )**								
Small UMD-Lamp dyke; dark grey/black; massive; moderately magnetic; vfg-fg with fg-mg Cb; oblique to S1.										
22.10	**24.83**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS-Amp is medium to dark green with dark green Amp (2-5%; locally thin AMP levels // S1 <10cm wide); local thin redish KFp-altered haloes around late Qz-Cb veinlets mostly sub // S1. Tr. Py. Lower contact with FGS is KFp-altered.										
24.83	**42.15**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

FGS has almost no Amp compared to unit above. FGS is medium grey; locally redish (KFp-altered haloes around late QzCb veinlets); moderately foliated; weakly banded from 37.56 to 41m; mostly fg with some mg and cg levels (27cm wide cg level // S1 at 33.9m; some levels with 1-3% Amp as part of compositional layering S0 // S1; 5% small PEG veins (<20cm thick; sub// S1; boudinaged and locally folded); some thin salmon pink levels as KFp-altered haloes around Qz-Cb veinlets oblique or sub // S1. Local Qz (+/- Py) veinlets sub // S1. Tr. to 0.5% Py as diss. blebs (mostly from 31m).

42.15 42.60 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS-Qz Eyes interval as part of compositional layering S0 within large FGS sequence.

42.60 48.32 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

Continuity of FGS above small Qz Eyes level. FGS is medium grey; locally redish (KFp-altered haloes around late QzCb veinlets); moderately foliated; mostly fg with some mg and cg levels; some levels with 1-3% Amp as part of compositional layering S0 // S1; 5% small PEG veins (<15cm thick; sub// S1; boudinaged); some thin salmon pink levels as KFp-altered haloes around Qz-Cb veinlets oblique or sub // S1. Tr. to 0.25% Py as diss. blebs.

48.32 50.03 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

AMP intermediate; dark green/grey with common redish KFp-altered haloes around late (Qz)Cb veinlets sub and oblique to S1. At 49.5m possible 3.5cm thick UMD (bleached). Some thin QzFp veinlets. Tr. Py.

50.03 53.12 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

FGS is medium grey; locally pink (KFp-altered haloes around Qz-Cb veinlets); moderately foliated; fg-mg matrix with diffuse cg Qz levels (compositional layering S0 transposed // S1). Rare PEG as small veins sub // S1; boudinaged; massive; cg-vcg. Tr. Py.

53.12 53.45 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Small APM-intermediate level similar to 48.32-50.03m (possibly duplicated by F1 fold); with 7cm wide FGS interbedded within. Moderate KFp-alteration mostly in AMP. Contacts // S1.

53.45 56.89 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

Continuity of FGS sequence uphole; FGS is medium grey; locally pink (KFp-altered haloes around Qz-Cb veinlets); moderately foliated; fg-mg matrix with diffuse cg Qz levels (compositional layering S0 transposed // S1). 5% PEG-GR as small veins sub // S1; boudinaged; massive; cg-vcg. Tr. Py. Progressive lower contact (slow increase of Amp %).

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

56.89 61.68 (FGS) Felsic Gneiss Sedimentary, ( )

FGS-Amp; medium to dark grey with 2-5% dark green Amp; some thin dark grey/green bands // S1 (compositional layering); moderately foliated; fg-mg with some mg-cg Qz; few thin QzFp veinlets sub // S1. 10cm boudinaged PEG-GR vein at 60.55m. Tr. Py. Few thin pink KF-altered haloes around late Qz-Cb veinlets oblique to S1. Progressive upper contact from FGS.

61.68 63.64 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with some Qz-Eyes texture levels; medium grey and pink (weak to moderate KFp-alteration); moderately foliated; fg-mg matrix with some cg Qz Eyes.

63.64 64.91 (FGS) Felsic Gneiss Sedimentary, ( )

Similar FGS-Amp as 56.89-61.68m interval; possible small lithic fragments (detrital origin; similar to several other FGS-Amp intervals downhole); dark grey; locally redish (KFp alteration); moderately foliated; fg-mg. 23cm wide PEG-GR at 63.94m.

64.91 70.23 (FGS) Felsic Gneiss Sedimentary, ( )

FGS Qz Eyes; medium grey and pink (common weak to moderate KFp-alteration mostly as haloes around late Qz-Cb veinlets); moderately foliated; fg-mg matrix with mg-cg Qz;1-2% Amp (local small masses // S1); local Amp-rich thin bands. Local PEG-GR veins (68.28-68.5m). Tr. Py.

70.23 71.46 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG-GR interval made of multiple veins mixed with FGS almost migmatitic (diffuse contacts). PEG are pegmatitic; massive; vcg; Qz+KFp; contacts seems oblique to S1 (possible tension gashes?).

71.46 75.52 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes interval uphole. Medium grey; moderately foliated; 4% Bt; fg-mg matrix with mg-cg Qz Eyes; some thin PEG-GR veinlets sub // and oblique to S1. Tr. Py. Weak KFp-alteration near lower contact with UMD.

75.52 77.40 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD-Lamp dyke; dark grey/black; massive; moderately magnetic; vfg-fg mesostase with fg-mg Cb. Margins are pale green.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

77.40 83.29 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes sequence uphole; medium to dark grey with common redish small altered haloes around late QzCb veinlets mostly oblique to S1. Moderately foliated; fg-mg matrix with common cg Qz Eyes. Some small PEG-GR veinlets // S1 and oblique.

83.29 83.72 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Small PEG-GR dyke; pegmatitic; vcg; massive; Qz+KFp.

83.72 86.30 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes sequence uphole; but Amp more common as small green masses // S0/S1. Medium to dark grey with common redish small altered haloes around late QzCb veinlets mostly oblique to S1. Moderately foliated; fg-mg matrix with common cg Qz Eyes.

86.30 86.65 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS-Amp interval similar to 56.89-60.55m. Medium grey and dark green; moderately foliated; fg-mg; tr. Py as diss. blebs. rare thin late Cb veinlets.

86.65 88.74 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes interval;

88.74 90.05 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

AMP-intermediate; dark green (Amp); black (Bt) and grey (Qz+Fp); local medium green masses (Cpx? Amp?); few thin QzFp veinlets sub // S1; 0.25% Py as diss. blebs. Lower contact with FGS is tightly F1-folded (fold asymmetry suggests a top to the SE vergence).

90.05 92.28 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with slight Qz Eyes texture; medium grey; fg-mg matrix with some cg Qz; weak compositional layering; rare thin PEG dykelets sub // S1; 0.25% Py as diss. blebs. Upper contact with AMP is tightly F1-folded (fold asymmetry suggests a top to the SE vergence).

92.28 93.16 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

FGS-Amp with weak detrital (conglomeratic) texture; dark grey; slightly green (5% Amp); moderately foliated; fg-mg matrix (Qz+Fp+Bt+Amp) with common mg-cg Qz+Fp lithic fragments (<10mm wide) flattened // S1 and stretched // L1. Rare thin PEG-GR dykelet // S1 and boudinaged.

93.16 93.50 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS sleever tightly F1-folded between two FGS-Amp intervals. Lower contact with FGS-Amp is tightly F1-folded (fold asymmetry suggests a top to the SE vergence). FGS is medium grey; moderately foliated; fg-mg.

93.50 93.95 (FGS) Felsic Gneiss Sedimentary, ( )

Similar detrital FGS-Amp as 92.28-93.16m interval; probably duplicated by tight F1-fold. Upper contact with FGS is tightly F1-folded (fold asymmetry suggests a top to the SE vergence). FGS is dark grey; slightly green (5% Amp); moderately foliated; fg-mg matrix (Qz+Fp+Bt+Amp) with common mg-cg Qz+Fp lithic fragments (<10mm wide) flattened // S1 and stretched // L1

93.95 94.27 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG=GR; massive; vcg; pegmatitic; Qz+KFp+Bt; sub//S1.

94.27 95.52 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Amp with small lithic fragments (detrital origin) 93.5-93.95m just above PEG uphole. FGS is dark grey; slightly green (5% Amp); moderately foliated; fg-mg matrix (Qz+Fp+Bt+Amp) with common mg-cg Qz+Fp lithic fragments (<10mm wide) flattened // S1 and stretched // L1. Lower contact with FGS is tightly F1-folded (fold asymmetry suggests a top to the SE fold vergence).

95.52 95.93 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS interval is medium grey; slightly pink; moderately foliated; fg-mg; upper contact with FGS-Amp is tightly F1-folded (fold asymmetry suggests a top to the SE fold vergence).

95.93 96.47 (FGS) Felsic Gneiss Sedimentary, ( )

Similar FGS-Amp with small lithic fragments (detrital origin) as 93.5-95.52m; possibly duplicated by tight F1 folds. FGS is dark grey; slightly green (5% Amp); moderately foliated; fg-mg matrix (Qz+Fp+Bt+Amp) with common mg-cg Qz+Fp lithic fragments (<10mm wide) flattened // S1 and stretched // L1. Two dark green AMP clasts (both clasts are very close but geometrically not connected; suggesting clastic nature rather than S0 level folded; even though one clast is F1-folded). Lower contact with FGS Qz Eyes is tightly F1-folded (fold

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		asymmetry suggests a top to the SE fold vergence).								
96.47	**105.49**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** FGS Qz Eyes; medium grey; locally pink (KFp-altered from 99.35 to 100.1m); fg-mg matrix with some common Qz Eyes; weak compositional layering (some Amp -rich masses // S0/S1); 5% PEG-GR as dykelets sub // S1; rare thin QzPy veinlets sub // S1. Moderately foliated and stretched (L1 outlined by elongated Qz); 0.25% Py as diss. blebs. Upper contact with FGS-Amp is tightly F1-folded (fold asymmetry suggests a top to the SE fold vergence).								
105.49	**105.95**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Small AMP-intermediate level similar to 88.74-90.05m and other AMP intervals up hole. Dark green/grey; moderately foliated; fg; small PEG-GR veinlet // S1.ff								
105.95	**108.06**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS-Qz Eyes; medium grey; moderately foliated; fg-mg matrix with some cg Qz Eyes. 16cm wide PEG-GR dyke at upper contact. Upper part of redish; moderately KFp-altered as haloes around late QzCb veinlets. Tr. Py; 1-2% Amp.								
108.06	**111.92**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS-Amp has relatively less %Amp than other FGS-Amp intervals uphole; but still more than regular FGS. Dark grey/greenish (2-5% Amp); moderately foliated; fg-mg; rare redish KFp-altered haloes around late QzCb veinlets. Rare QzFp veins. 0.25 Py.								
111.92	**116.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with weak to moderate Qz Eyes texture; medium grey; moderately foliated; fg-mg matrix with local cg Qz Eyes; some QzFpPy veinlets locally folded; some thin redish KFp-altered haloes around late QzCb veinlets. Tr. Py. 1-2% Amp.	B73087	112.2	113.2	1	0.019	AGAT_FAICP		
			B73088	113.2	114.2	1	0.025	AGAT_FAICP		
			B73089	114.2	114.5	0.3	0.027	AGAT_FAICP		
			B73090	114.5	115.5	1	0.034	AGAT_FAICP		
			B73091	115.5	116.2	0.7	0.022	AGAT_FAICP		
116.20	**116.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG-GR interval with diffuse migmatitic-looking FGS (mg-cg); leucosomic; pink and grey; Qz+KFp+By; upper contact of PEG is a high angle to S1 (possible tension gash); lower part of vein is Qz rich with Py+Po masses (possible weak Au anomaly; sampled).	B73093	116.2	116.6	0.4	0.05	AGAT_FAICP		
			B73094	116.6	116.9	0.3	0.07	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
116.90	**118.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS +/- Qz Eyes above PEG uphole. FGS with weak to moderate Qz Eyes texture; medium grey; moderately foliated; fg-mg matrix with local cg Qz Eyes. Strongly KFp-altered pinklevel from 117.8 to 118.13m. Tr. to 0.25% Py. 1-2% medium green Amp.	B73095	116.9	117.8	0.9	0.025	AGAT_FAICP		
			B73096	117.8	118.13	0.33	0.027	AGAT_FAICP		
			B73097	118.13	118.65	0.52	0.022	AGAT_FAICP		
118.65	**119.08**	**(AMP) Amphibolite, ( )** AMP is dark grey; moderately foliated; strong porphyroclastic texture (mg-cg Amp); coraser grained than regular AMP and similar to AMPG texture but more mafic. Convergence upper and lower contacts suggest a tight F1 fold.	B73099	118.65	119.08	0.43	0.042	AGAT_FAICP		
119.08	**133.72**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** Similar FGS +/- Qz Eyes as 116.9-118.65m. FGS with weak to moderate Qz Eyes texture; medium grey; moderately foliated; fg-mg matrix with local cg Qz Eyes; weak compositional layering. 3% PEG-GR as small veins locally folded. Few thin KFp-altered haloes around late QzCb veinlets. Tr. to 0.25% Py (locally 0.75%). 1-2% medium green Amp.	B73100	119.08	120	0.92	0.021	AGAT_FAICP		
			B73101	120	121	1	0.019	AGAT_FAICP		
			B73102	121	122	1	0.022	AGAT_FAICP		
133.72	**133.92**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG-GR; pink (KFp); grey (Qz); late light green (Amp?) colloform texture; late white Cb filling. FGS has blue (Rieb? Lapis Lazuli? Azurite?). Upper contact oblique to S1; possibly a tension gash.								
133.92	**134.12**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS level between PEG and LAMP. Part of FGS interval above.								
134.12	**134.86**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** UMD-LAMP; black; massive; moderately magnetic; vfg-fg (fg-mg Cb); altered rims.								
134.86	**136.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS +/- Qz Eyes 119.08-133.72m; medium grey; moderately foliated; fg-mg matrix with some cg Qz Eyes; few thin KFp-altered haloes around late QzCb veinlets. Tr. Py.								
136.25	**137.87**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP intermediate; dark green; moderately foliated and stretched (L1 outlined by elongated Amp blades; see structures and pictures); fg; few thin Qz veinlets; weak compositional								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

layering as thin FGS sleevers tightly F1-folded with AMP (see structures; apparent SE vergence); lower part as cg Qz+Amp+Bt veinlet. Contacts sub // S1.

137.87 141.63 (FGS) Felsic Gneiss Sedimentary, ( )

FGS is medium grey; moderately foliated; fg-mg; local cg Qz Eyes; some thin redish KFp-altered haloes around QzCb veinlets; tr. Py. Some diffuse PEG levels (migmatitic?). Weak compositional layering (cm AMP band // S1).

141.63 142.56 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Similar AMP-intermediate as 136.25-137.87m; possibly duplicated by F1 fold. Dark green; moderately foliated; fg. Lower contact is slightly wavy and cross-cut by S1 (likely F1-folded). Last 10cm look like AMP-UM (Bt mg-cg porphyroclasts in AMP matrix).

142.56 156.08 (FGS) Felsic Gneiss Sedimentary, ( )

Similar FGS with moderate Qz Eyes texture as 119.08-133.72m; medium grey; locally pink (weak KFp-alteration); moderately foliated; moderately stretched (L1 outlined by elongated Qz porphyroclasts; also flattened // S1); fg-mg matrix with some cg Qz Eyes; few thin KFp-altered haloes around late QzCb veinlets; some small PEG-GR veins (143.25 to 143.48m); 1-2% Amp; tr. Py. Local compositional layering (Amp-rich bands transposed // S1).

156.08 156.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD-LAMP dyke; black (green altered selvages); massive; moderately magnetic; vfg-fg mesostase with fg-mg Cb.

156.30 157.36 (AMP) Amphibolite, ( )

Logged as AMP but similar to 158-159.07 (logged as FGC); dark green/grey; weakly clastic (thin felsic clasts flattenend //S1); matrix/intermediate matrix. Not magnetic; fg-mg (mg Amp porphyroclasts stretched // L1); two thin FGS sleevers (not isopaque; converging contacts) are probably F1-folded. Tr. Py.

157.36 158.00 (FGS) Felsic Gneiss Sedimentary, ( )

FGS interval is strongly altered (KFp) and injected by multiple light green veins (multiple orientations; mostly oblique to S1; see structures) with Qz+Py+blueish mineral (?). FGS in background is moderately foliated; fg-mg.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

158.00 159.07 (FGC) Felsic Gneiss Conglomerate, ( )

Similar to 156.3-157.36m but more conglomeratic; strongly foliated; well banded; dark green (Amp) and grey (felsic bands and clasts); strong stretching lineation L1 outlined by elongated clasts. Sigmoidal Qz porphyroclasts suggest a dextral D1 shear (see structures and pictures). Upper contact with FGS is a late vein. Thin QzFp veinlet // S1.

159.07 162.47 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

AMP ultramafic; dark green (actinolite?) fg-mg matrix with mg-cb Bt porphyroclasts; moderately foliated; non magnetic. 8cm thick PEG-GR (filled with Cb veinlets) near upper contact (S1 passively folded against). Small FGS sleevers near upper contact (// S0). 9cm wide possible LAMP at 159.4m; pale green (altered); oblique to S1.

162.47 162.82 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS; medium grey; moderately foliated; fg.

162.82 163.08 (AMP) Amphibolite, ( )

Small AMP-intermediate level; not clastic; similar to 156.3-157.36m; dark green/grey; moderately foliated; fg.

163.08 164.00 (FGS) Felsic Gneiss Sedimentary, ( )

FGS is medium grey; locally pink (KFp-altered haloes around late QzCb veinlets); moderately foliated; fg-mg; 6cm thick PEG-GR // S1.

164.00 166.38 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD-LAMP dyke; black (green rims); vfg-fg matrix; moderately to strongly magnetic; massive; abundant xenoliths: felsic granitoids; mafic granular lithology (gabbroid?). Late Cb veinlets crossing LAMP; felsic xenoliths but not mafic ones.

166.38 171.10 (FGS) Felsic Gneiss Sedimentary, ( )

FGS Qz Eyes; homogeneous; medium to dark grey; moderately foliated; weakly stretched (L1 outlined by Qz POC); rare thin pink KFp-altered haloes around late QzCb veinlets oblique to S1. Tr. Py.

171.10 172.13 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qz-rich PEG; massive; cg-vcg; light grey Qz; pink KFp; tr. Py+Po.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

172.13 177.37 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS Qz Eyes above PEG uphole; homogeneous; medium to dark grey; moderately foliated; weakly stretched (L1 outlined by Qz POC); rare thin pink KFp-altered haloes around late QzCb veinlets oblique to S1. Tr. Py. Grinded core from 174.37 to 174.65m. Lower contact with lighter grey FGS fg is probably erosional; slightly wavy; crosscut by S1.

177.37 179.69 (FGS) Felsic Gneiss Sedimentary, ( )

FGS is lighter grey than FGS above; and slightly pink. Moderately foliated; fg-mg; 2-3% Amp; 0.25% Py; some late Cb veinlets with thin KFp-altered haloes.

179.69 180.30 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG-GR; pink and grey; massive; cg-vcg; Qz+KFp+Bt+Amp+Py; diffuse lower contact.

180.30 182.50 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS interval above PEG uphole. Diffuse upper contact. FGS is light grey; slightly pink; moderately foliated; fg-mg; 2-3% Amp (locally affected by vuggy fractures filled with Py); 0.25% Py; some late Cb veinlets with thin redish KFp-altered haloes.

182.50 183.11 (FGS) Felsic Gneiss Sedimentary, ( )

Strongly KFp-altered equivalent of the FGS above; and Qz Eyes texture highlighted by alteration. 15% pale green strongly siliceous bands slightly oblique to S1 as possible silicified dykelets? Could be a weak healed fault interval? Reminds the Swamp Fault 2 textures from deposit. Veinlets/dykelets are the probable source of KFp alteration; along with thin late QzCb veinlets.

183.11 186.80 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS interval above KFp-altered interval uphole. FGS is light grey; locally redish in KFp-altered haloes (183.73-184.12m) around pale green veinlets (bleached UMD?) // thin Cb veinlets; moderately foliated; fg-mg; locally cg Qz eyes texture; 2-3% Amp; tr. Py; irregular upper contact with KFp-altered FGS.

186.80 188.38 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD-LAMP dyke; black/dark grey; massive; moderately magnetic; few thin Cb veinlets; blocky core from 187.89 to 188.35m; green altered rims; vfg-fg (fg pink Cb).

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

188.38 188.62 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS (wall rock) between two LAMP intervals; KFp-altered (pink); Qz Eyes texture.

188.62 189.26 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD-LAMP similar to LAMP interval above; with few thick fault gouge at upper contact.

189.26 192.20 (FGS) Felsic Gneiss Sedimentary, ( )

FGS-Qz Eyes; medium grey and pink; common pink KFp-altered haloes around Qzcb veinlets; moderately foliated; fg-cg. Local thin LAMP dykelet.

192.20 193.82 (AMP) Amphibolite, ( )

AMP almost looks like AMPG; dark green; medium green; pink (KFp-alteration of felsic matrix); moderately to strongly foliated; fg-mg matrix with mg-cg Amp +/- Bt. Few cm thick fault gouge near upper contact.

193.82 203.55 (AMP) Amphibolite, ( )

AMP-Intermediate with some thin AMPG levels (part of S0 compositional layering) and thin PEG veins (sub // and oblique to S1); alternation of FGS-Amp and AMP levels (sharp of diffuse contacts) as part of compositional layering S0. Moderately foliated; moderately stretched (L1 outlined by elongated Amp; see structures). F1-F2 folds interference patterns (see structures and pictures): tight F1 folds (deforming S0) are affected by open F2 folds. F1; F2; L1 are coxial. Core library sample Z04407; pictures 2192 to 2105.

203.55 205.88 (UMD, AMP) UM\LAMP Dike, Amphibolite, (LAMPD) UMD - Lamprophyre Dyke

UMD-LAMP dyke; black/dark grey; massive; moderately magnetic; vfg-fg (fg Cb). Small AMP interm. near upper contact (203.67-204.03m).

205.88 206.33 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Continuity and lower end of AMP-interm below the LAMP dyke. AMP shows S0 compositional layering (mafic/felsic bands). Lower contact with FGS is tightly F1-folded (see structures and pictures).

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

206.33 211.66 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with moderate Qz-Eyes texture; grey and pink (weak to locally moderate KFp-alteration); moderately foliated and stretched; fg-mg matrix with cg Qz Eyes. Qz(Fp;Py)V near upper contact (boudinaged; very convergent contacts). Upper contact with AMP is tightly F1-folded (see structures and pictures). Local 5cm thick AMP sleever // S1 (part of compositional layering). Between 208 and 209m 1-2cm thick Qz veinlets are strongly folded (ptygmatic folds; parasitic folds; mostly symmetric M); S1 is locally folded too but tight geometry does not match regular open F2 folds. Some redish KFp-altered haloes aroun late QzCb veinlets.

211.66 212.02 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS sleever within larger medium grey FGS interval; contacts are // S1; FGS is dark grey; detrital (possible cg lithic fragments).

212.02 217.50 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of medium grey Qz Eyes FGS interval 206.33-211.66m; cg Qz Eyes more abundant from 214.8m. Local small qz(Fp) veinlet.

217.50 218.00 (AMP) Amphibolite, ( )

AMP-interm. level is deformed by open F2-folds along with surrounding FGS. Convergent contacts due to F2. Fg-mg dark green Amp in fg felsic matrix

218.00 220.79 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

FGS-Qz Eyes interval with small AMP-interm. sleevers; both deformed by open F2 folds (see structures and pictures). Contacts ondulates at low angle tca. Some small PEG veinlets (sub // S0-S1 and oblique to S1).

220.79 227.06 (AMP) Amphibolite, ( )

AMP-intermediate interval with AMP-UM interflow levels (<30cm wide; diffuse contacts with AMP-interm; bi-modal volcanism?); dark green and grey (felsic component in fg matrix); mg-cg Amp and Bt; moderately foliated; S1 is locally deformed by F2 folds (almost crenulated). Some small PEG veinlets and pods (// S1 and oblique as possible tension gashes). Upper contact with FGS is offset by a slickenside. Some Cb veinlets.

227.06 227.30 (PEG) Pegmatite, ( )

Small PEG-GR sub // S1.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
227.30	**228.05**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** AMP-UM; part of AMP sequence; dark green (fg-mg Amp) and black (fg-cg Bt); no obvious felsic component; moderately foliated.								
228.05	**229.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Similar to 220.79-227.06m; AMP-intermediate; AMP and FGS levels with diffuse transitions; green and grey; moderately foliated; some AMP-UM levels.								
229.60	**229.93**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small PEG-GR within AMP-interm.								
229.93	**234.56**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP-intermediate; dark green; grey; fg-mg; moderately foliated and stretched; compositional layering S0 transposed // S1.								
234.56	**241.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; pink; green f-cg FGS with patchy; m-cg QZE near top of unit that decreases and is mixed with minor 5cm AMPIN bands. Unit has mixed pegmatite starting at 238m with one 5cm LAMPD at 240cm. Lower contact sharp at LAMPD with 2-3cm chill margin.								
241.10	**242.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Black; vf-fg LAMPD with mod-strong magnetism; mod carbonate inclusions and 1-3cm pale green chill margin at contacts; which are sharp and shallow TCA.								
242.30	**253.76**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; pink; f-mg FGS with weak; patchy por texture; mod qtz-carb veinlets with pot halos; one LAMPD between 245.6-245.73m. Lower contact sharp to LAMPD.								
253.76	**255.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Black; vf-fg LAMPD with mod-strong magnetism; mod-strong m-cg carbonate inclusions and 2-10cm pale green chill margin at contacts within LAMPD; which are sharp and shallow TCA.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

255.00 260.34 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; minor pink; f-mg FGS with mostly consistent texture; trace qtz-carb veinlets with ks halos and two QF veins/pegs. Lower contact is defined by increasin bands of AMPG/AMPUM that is folded/crenulated.

260.34 261.20 (AMPG, FGS) Amphibole Felsic Gneiss, Felsic Gneiss Sedimentary, ( )

Green; black; grey; f-cg AMPG that is folded across FGS unit that is similar to previous; AMPG has patchy cg porphyroblasts. The orientation of AMPG has changed from previous units/foliation; it has mod-strong patchy crenulation and has minor pink feld content. Lower contact strong where banding stops to FGS.

261.20 264.88 (FGS) Felsic Gneiss Sedimentary, ( )

Dominantly grey; f-mg FGS with trace-minor AMPIN clots/porphyroblasts and trace carb veinlets. Lower contact is subjective with increase of AMP bands/content vs FGS.

264.88 265.74 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Higher amount of light and dark green; folded; bands of AMP that are 1-30cm; is min-mod m-cg porphyritic in thicker sections. FGS is grey; green with trace mg amphiboles. Lower contact is subject with decrease of AMP with more FGS.

265.74 266.09 (FGS) Felsic Gneiss Sedimentary, ( )

Dominantly grey; f-mg FGS with min-mod disseminated m-cg amphiboles. Small section between return to AMP dominant unit. Lower contact mod to AMP/AMPIN.

266.09 268.34 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Upper half of unit is dominated by green/grey AMP/AMPIN that is mixed with sub-cm bands of felsic content/FGS. Becomes more FGS dominant at 267.4m with minor AMP bands folded through grey; pink; f-mg FGS. Lower contact gradational at decrease of AMP bands to FGS.

268.34 272.75 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; pink; f-mg FGS dominant with trace 2-5cm AMP bands; minor qtz-carb veinlets with ks halos. Unit has weak DIO/POR texture. Lower contact mod sharp to AMP with FGS bands.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

272.75 273.30 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Green; grey; f-mg AMP with one larger band of FGS near lower contact. AMP shows higher strain with stretch lineation of amphiboles. Lower contact sharp to FGS similar to 265.74m.

273.30 273.93 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; green; f-mg FGS similar to 265.74m but with minor amphiboles and more biotite. Intermediate unit between amphiboles. Lower contact mod with sharp angle to AMPIN.

273.93 275.22 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Green; grey; pink; f-mcg FGS gradational to AMP with higher FGS from upper contact to 272.9m and switching AMPIN dominant with minor 1-5cm FGS bands. Lower contact after 3cm felsic band; sharp to AMP.

275.22 277.90 (AMP) Amphibolite, ( )

Grey; green AMP that is mostly f-mg amphiboles with minor cg; por sections and light green cpx. Unit is minor BND/folded with grey; pink FGS. Contains minor sulphides close to cpx sections. Minor folded QF vein; that may be folded along core from 277-278m. Lower contact sharp to FGS.

277.90 282.37 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; minor pink; f-mg FGS with mostly consistent texture;minor 2-5cm AMP bands; which decrease down interval with minor QZE; increasing down interval. Lower contact is defined by increasin bands of AMP.

282.37 283.19 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Green; black; f-mg AMP that is BND/folded through; grey f-mg FGS with minor PEG melt one margins. AMP is moderately replaced by biotite. Lower contact folded; mod sharp to FGS with minor AMP bands/folded.

283.19 284.95 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Dominantly grey f-mg FGS with trace pink partial melt/vein. Green; grey; f-mg AMP folded through the unit; mostly near centre. Lower contact sharp to AMP dominant with FGS.

284.95 285.80 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Green; grey; f-mg AMP that is moderately BND/folded through the unit between grey; pink;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
f-mg FGS. Lower contact sharp to FGS.										
285.80	**287.16**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink; grey; f-cg FGS that has min-mod melt texture and strong pink/red ks alteration. Two sub-5cm AMP bands within last 30cm of the unit toward lower contact that is sharp to AMP unit.								
287.16	**288.56**	**(AMP) Amphibolite, ( )** Green; grey; f-cm AMP that is weak-mod folded around trace felsic; sub-cm bands. Cg amphiboles are weakly POB but porphyritic with a weak stretch lin. Lower contact sharp to FGS.								
288.56	**289.70**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Grey; weak pink; f-mg FGS with one AMP band between 288.88-289.12m; unit has weak ks alteration and mostly homogenous texture. Lower contact sharp to AMP unit; similar to previous.								
289.70	**290.33**	**(AMP) Amphibolite, ( )** Green; grey; f-cg AMP that is weakly mixed with felsic content. Coarse grains are weakly porphyritic and unit appears the similar as previous AMP; may be folded. Lower contact is sharp/folded to FGS.								
290.33	**291.26**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink; grey; f-mg FGS that is similar to previous but with more ks alteration above LAMPD. Lower contact is very sharp to LAMPD.								
291.26	**292.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Pale green/grey; fg LAMPD that has mod-strong f-vcg xenoliths. Lower contact is parallel to upper and very sharp to FGS.								
292.30	**307.39**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; minor pink; f-cg FGS with mod-strong patchy QZE; minor ks alteration; which is higher around qtz-carb veinlets and QF veins. Lower contact ???	B73103	307	307.39	0.39	0.24	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
307.39	**308.00**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	B73104	307.39	308	0.61	0.164	AGAT_FAICP		
		Mostly white fg qtz; minor pink m-vcg fld and two 1-2cm shallow TCA fg green UMD. Trace sulphides and glassy; weak-mod massive. Lower contact sharp to FGS.								
308.00	**308.53**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73105	308	308.53	0.53	0.041	AGAT_FAICP		
		Grey; black; f-cg FGS with weak patchy qze texture. Similar to previous with minor ks around trace veinlets. Lower contact sharp to QV.								
308.53	**308.88**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated**	B73107	308.53	308.88	0.35	0.292	AGAT_FAICP		
		White; pink; green; black; f-cg QV that is similar to previous but with mod-strong sulphides; mod healed breccia with carbonate infill. Lower contact sharp to similar FGS.								
308.88	**310.48**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73108	308.88	309.6	0.72	0.031	AGAT_FAICP		
		Grey; white; pink; f-mg FGS that is very homogenous with one sub-cm band of AMP near parallel TCA in last 65cm of unit. Lower contact sharpt o LAMPD.	B73109	309.6	310.43	0.83	0.03	AGAT_FAICP		
310.48	**310.75**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73110	310.43	310.75	0.32	0.013	AGAT_FAICP		
		Dark grey; greenish fg LAMPD that has mod-strong f-mg xenoliths. Lower contact is parallel to upper and very sharp to FGS.								
310.75	**312.37**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73111	310.75	311.66	0.91	0.02	AGAT_FAICP		
		Grey; minor pink; f-mg FGS that is similar to previous units with minor qze; ks about veinlets and small LAMPD between 311.5-311.62m. Lower contact sharp to QV.	B73113	311.66	312.37	0.71	0.027	AGAT_FAICP		
312.37	**312.71**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	B73114	312.37	312.94	0.57	0.031	AGAT_FAICP		
		White qtz vein dominant; very similar to QV at 307.39m with trace pink m-cg fld with minor sulphides. Highly irregular contacts with lower contact subplanar and sharp to FGS.								
312.71	**312.98**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey; minor pink; f-mg FGS that is similar to previous units with mod qze; minor ks near lower QV. Moderately irregular contacts; Lower contact sharp to QV.								
312.98	**313.65**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated**	B73115	312.94	313.65	0.71	0.035	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		White; pink; green; black; f-cg QV that is similar to QV at 308.53m but with less sulphides; breccia and carbonate infill. Contacts with different; irregular orientations; veins in area about be folded; as the two types seem to repeat. Lower contact sharp to similar FGS.								
313.65	**317.81**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73116	313.65	314.5	0.85	0.034	AGAT_FAICP		
		Grey; green/pink; f-cg FGS with min-mod qze; decreasing down interval with minor; increasing amph bands. Sulphides minor and slightly increasing. Lower contact where qze ends; amph bands increasing and more sulphide in FGS.	B73117	314.5	315.4	0.9	0.01	AGAT_FAICP		
317.81	**334.84**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey; green; f-mg FGS that has minor AMP bands in the unit; 1-20cm and shallow TCA; mod; patchy disseminated sulphides throughout. Thin UMD between 321.00-321.05m that is perpendicular TCA. Lower section of unit is weak-mod brecciated with mod-strong ks alteration above QFP.								
334.84	**336.33**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Grey; pink; white; f-cg QFP texture unit that has mod-strong ks alteration at the top decreasing to near fresh at the base of the interval. Very homogenous and min-mod biotite. Lower contact sharp to FGS.								
336.33	**341.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey; f-cg FGS with min-mod patchy QZE and consistent texture throughout and minor ks alteration around veinlets. Lower contact sharp to AMP.								
341.15	**341.68**	**(AMP) Amphibolite, ( )**								
		Dark green; pink; f-cg AMP unit that has mod-strong patchy ks alteration with possible mod-strong healed healed fault in the centre of the unit. Lower contact sharp to FGS with variable biotite/biotite bands.								
341.68	**348.26**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey; black; f-mg FGS with mod; patchy; increasing 1-5cm biotite-rich bands. Unit has slightly increased sulphides and foliation with weakly visible folds in biotite-rich bands. Lower contact sharp to AMP.								
348.26	**349.86**	**(AMP) Amphibolite, ( )**								
		Mostly dark green; fg amph with minor white; light green content in AMP unit. Min-mod patchy biotite and trace-no sulphides. Lower contact mixed over 10cm with FGS.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

349.86 356.48 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; f-mg FGS with min-mod; patchy increasing QZE and minor biotite bands decreasing down interval. Lower contact sharp to PEG.

356.48 357.43 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Pink; white; black; m-vcg pegmatite. Consistent texture with min-mod c-vcg biotite. Lower contact sharp to FGS; similar to previous.

357.43 361.50 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; pink; f-cg FGS with mod; patchy QZE and minor ks alteration around veinlets. Very similar to previous units. Lower contact sharp to AMP with 6cm qv at contact.

361.50 363.00 (AMP) Amphibolite, ( )

Dark green; pink; black; f-mg AMP unit with planar mod foliation; consistent texture and QV/QF at contacts. Minor veinelts with ks halos. Lowe rcontact sharp to similar FGS unit.

363.00 365.67 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; pink; f-cg FGS with mod QZE concentrated and grey colour in the center of the unit with increasing ks alteration and pink near contacts with AMP units. Lower contact planar banded; somewhat gradational; obscurred to AMP.

365.67 366.58 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Pink; green; black; f-mg AMPIN that is mostly pink with lesser green speckling throughout. No sulphides; mod foliation. Lower contact sharp to FGG that is similar to previous.

366.58 374.00 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; pink; f-cg FGS with mod; patchy QZE; and patchy min ks alteration around veinlets. Lower contact sharp to lower AMPIN unit.

374.00 374.63 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Dark green/black; pink; f-mg highly altered AMPIN above UMD dyke. Unit is similar to previous with min-mod ks alteration. Lower contact sharp to UMD.								
374.63	**375.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Pale green; dark grey; black; fg UMD-LAMP with mod-strong xenoliths. Slightly different colour near contacts; chill margin; with contacts that are sharp and shallow TCA; lower with FGS.								
375.40	**378.13**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink; grey; f-mg FGS that has mod-strong ks alteration near dyke; decreasing down interval and regular; grey colour and texture for FGS. Lower contact sharp to FGS POR.								
378.13	**380.84**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Grey; pink; green; f-mg DIOP1/NS or FGS with POR texture and disseminated biotite and amphiboles. Unit starts directly beneath sub-cm LAMPD. Has mod-strong DIO texture and could be DIOP1/DIONS unit but mod-strong ks alteration makes it difficult to tell. Lower contact sharp to FGS.								
380.84	**385.27**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; pink; f-mg FGS with mod; patch ks alteration throughout; which is strongest near contacts. Minor sections with increased biotite; 1-5cm thick. Lower contact sharp to UMD.								
385.27	**386.45**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, ( )** Green; grey; black; fg UMD dominant with minor red/pink; f-mg FGS with strong ks alteration between dykes. UMD has mod; patchy xenoliths and parallel contacts. Lower contact subplanar with highly alftered FGS.								
386.45	**391.66**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink highly altered to grey fresh f-mg FGS below UMD dykes. Unit has mod-strong thin healed fault directly beneath the dyke contact. Increased biotite sectoin with sulphides between 387.18-387.72m. Lower contact is ???								
391.66	**393.67**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS with higher background biotite as well as amphibole content. Moderate to intense sericitic/ potassic alteration via pervasive flooding as well as high angled veinlets. Phenocrysts are poorly formed and range from 0.1 - 5.0 mm's with most being sub rounded.	B73119	393.18	393.5	0.32	0.044	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
393.67	**394.20**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** QV2 with intense potassic and strong sericitic alteration. Thin sections of previous FGS contained within vein. Sulphide content is low with pyrite being the dominant variety. A thin lamprophyre is contained at 394.0 m's with an alpha of 200 and a beta of 310	B73120	393.5	394.2	0.7	0.04	AGAT_FAICP		
394.20	**403.35**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS with higher background biotite as well as amphibole content. Moderate to strong potassic alteration via pervasive flooding as well as high angled veinlets. Phenocrysts are poorly formed and range from 0.1 - 10.0 mm's with most being sub rounded. Quartz eyes are observable.	B73121	394.2	394.62	0.42	0.05	AGAT_FAICP		
			B73122	402.74	403.3	0.56	0.023	AGAT_FAICP		
403.35	**403.68**	**(QV) Quartz Vein, ( )** QV2 contains moderate to strong potassic alteraiton. Weak amphibole content but observable. Low sulphide Py85/Po15	B73123	403.3	403.68	0.38	0.023	AGAT_FAICP		
403.68	**409.09**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS with a varrying background amphibole content. Moderate to intense potassic alteration via pervasive flooding as well as high angled veinlets. Phenocrysts are poorly formed and range from 0.1 - 10.0 mm's with most being sub rounded. Numerous quartz eyes. Ampibholite contained from 407.59-407.78.	B73124	403.68	404.27	0.59	0.037	AGAT_FAICP		
409.09	**410.64**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a high amount of amphibole content. Phenocrysts of amphibole range from 0.1 - 4.0mm's in size and are mainly subrounded. Ampbhiole content varies throughout unit. Moderate foliation fabric. Moderate to strong potassic alteration via dissemination. Thin glassy QV2's crosscut the unit with moderate sulphide content Py90/Po10.								
410.64	**411.22**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with ocassional quartz eye. Pyrite trends with foliation. Low sulphide content. Moderate potassic alteration is selective to feldspar.								
411.22	**411.84**	**(FGS) Felsic Gneiss Sedimentary, ( )** Strong pervasive potassic alteration. Several quartz eyes present. Fault breccia (see strucutre tab). Very low sulphide content.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
411.84	**435.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is highly gradational in texture as well as mineralogy. Amphibole content varies throughout unit from 0.5 - 3.0%. Potassic alteration ranges from weak to intense via dissemination and high angled veinlets. Weak to moderate sericitic alteration via stringers. Sulphide content is very weak throughout with exception to short pegmatitic veins which contain some massive pyrite. Short UMD contained from 418.83-418.88 with a contact alpha of 50 and beta of 287.	B73125	431.9	432.38	0.48	0.051	AGAT_FAICP		
			B73127	432.38	433.04	0.66	0.336	AGAT_FAICP		
			B73128	433.04	433.7	0.66	0.054	AGAT_FAICP		
435.40	**439.35**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Lamprophyre dyke with numerous carbonate dominated vesicles and xenoliths. Sulphide content higher than typical UMD dykes with pyrite being the dominant species. Thin sections/xenoliths of FGS contained within unit.								
439.35	**439.86**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a moderate to high amount chlorite alteration. Moderate pervasive potassic alteration. Very low sulphide content.	B73129	439.3	439.86	0.56	0.014	AGAT_FAICP		
439.86	**441.16**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** UMD-Lamprophyre. Thin veinlets shallow to core axis (tension gash?) present throughout unit. Veinlets carry moderate sulphide content with pyrite being the dominant member. Weak to moderate potassic alteration	B73130	439.86	440.57	0.71	0.057	AGAT_FAICP		
			B73131	440.57	441.16	0.59	0.013	AGAT_FAICP		
441.16	**443.84**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains numerous melt texture throughout. Unit contains coarse phenocrysts which are poorly formed and mostly sub rounded to rounded. Potassic alteration is moderate.	B73133	441.16	441.85	0.69	0.071	AGAT_FAICP		
			B73134	441.85	442.62	0.77	0.076	AGAT_FAICP		
			B73135	442.62	443.84	1.22	0.063	AGAT_FAICP		
443.84	**444.89**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Quartz rich K-spar pegmatite with moderate sulphide content. Pyrite is the dominant sulphide. Thin veinlets and patches with chlorite. Pegmatite is a tensional gash as contact is shallow to core axis. Short sections of FGS contained within unit.	B73136	443.84	444.59	0.75	0.025	AGAT_FAICP		
			B73137	444.59	445.05	0.46	0.047	AGAT_FAICP		
444.89	**447.43**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS with varying amounts of background amphibole content. May be logged as a DIOAM previously. Unit contains phenocrysts ranging from 0.1 - 5.0 mm's in size and are mainly subrounded. Gradational texture ranging from fine to coarse grained sections (SEDS). Very low sulphide content. Weak pervasive potassic alteration. Lamprophyre								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
contained from 445.06-445.20 with an upper alpha/beta contact of 40/319. A short AMP blob (Clast?Xenolith??? In order of uncertainty) is contained from 446.72-446.86 m's :D.										
447.43	**448.35**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
UMD-LAMP. Numerous large xenoliths/vesicles. Lamp is much denser than typical lamps. Chalcopyrite within vesicles.										
448.35	**449.76**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Coarse grained FGS with varying amounts of background amphibole content. May be logged as a DIOAM previously. Unit contains phenocrysts ranging from 0.1 - 5.0 mm's in size and are mainly subrounded. Gradational texture ranging from fine to coarse grained sections (SEDS). Very low sulphide content. Weak pervasive potassic alteration. A short AMP is contained from 448.77-449.06 m's with an alpha/beta of 65/20										
449.76	**450.27**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Finer grained lamprophyre										
450.27	**487.28**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Coarse grained FGS (sometimes logged as DIOAM) with in general poorly formed qtz phenocrysts ranging from 0.1 - 7.0 mm's. Phenocrysts are mainly sub rounded. Low sulphide content with pyrite being the dominant species. Weak to moderate potassic alteration via moderate to high angled veinlets and pervasive flooding. Background amphibole content varies throughout ranging from 1.0 - 4.0 % in addition to the ocassional short amphibolite. Thin pegmatitic veins crosscut the unit throughout. Consistent labradorite @2.0% throughout unit.										
487.28	**488.03**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Lamp - Olive Green. Lower xenolith/vesicle quantity.										
488.03	**508.63**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Coarse grained FGS (sometimes logged as DIOAM) with in general poorly formed qtz phenocrysts ranging from 0.1 - 7.0 mm's. Phenocrysts are mainly sub rounded. Low sulphide content with pyrite being the dominant species. Weak to moderate potassic alteration via moderate to high angled veinlets and pervasive flooding. Background amphibole content varies throughout ranging from 1.0 - 4.0 % in addition to the ocassional short amphibolite. Thin pegmatitic veins crosscut the unit throughout. Consistent labradorite @1.0% throughout unit.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

508.63 510.98 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Moderate angled carbonate veinlets. Moderate amount of vesicles and xenoliths. Very low sulphide content.

510.98 548.57 (FGS) Felsic Gneiss Sedimentary, ( )

fine to coarse weakly fol grey-geen FGS with weakly 'dioritic-porphyritic' texture; weakly formed med to coarse qtz and fsp phyric; some of the fsp is bluish labradorite; weakly formed med am phyyric; generally weak fine to med am and weak fine to med bio; some scatterd roundish to irrreg patches of med am up to a few cm in size with one larger 13 cm long patch at 548.17-548.30; weak Kfsp haloes along qtz-carb hairline stringers and QF stringers with three sections of stronger KFSp (+Ser) alt at 537.08-537.63 and 538.57-538.92 and 542.45-542.8; weak dissem fine anh py; upper contact sharp; 0.5cm thick planar LAMP 'stringer' at 526.695-526.700 with 1-2cm KFsp halo

548.57 548.87 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

med to coarse pinkish PEG; upper contact sharp

548.87 550.16 (FGS) Felsic Gneiss Sedimentary, ( )

fine to coarse weakly fol grey-geen FGS with weakly 'dioritic-porphyritic' texture; weakly formed med to coarse qtz and fsp phyric; some of the fsp is bluish labradorite; weakly formed med am phyyric; generally weak fine to med am and weak fine to med bio; some scatterd roundish to irrreg patches of med am up to a few cm in size; weak Kfsp haloes along qtz-carb hairline stringers and QF stringers; upper contact sharp

550.16 550.52 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

med weakly to mod fol greenish AMP int with freq med am and freq med bio; no sulphides; upper contact sharp

550.52 562.00 (FGS) Felsic Gneiss Sedimentary, ( )

fine to coarse weakly fol grey-geen FGS with weakly 'dioritic-porphyritic' texture; weakly formed med to coarse qtz and fsp phyric; some of the fsp is bluish labradorite; weakly formed med am phyyric; generally weak fine to med am and weak fine to med bio; some scatterd roundish to irrreg patches of med am up to a few cm in size; weak Kfsp haloes along qtz-carb hairline stringers and QF stringers with one sections of stronger KFSp (+Ser) alt at 553.9-554.17; weak dissem fine anh py; upper contact sharp

562.00 562.30 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		LAMPD) UMD - Lamprophyre Dyke								
		Two light green fine graine massive lamps; one 14cm thick the other 5 cm thick; seperated by 6cm thick interval of same FGS as described above and below the lamps; lamps of some mm-sized roundish carb patches and some med flakes of bio; upper contact sharp								
562.30	**575.86**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to coarse weakly fol grey-geen FGS with weakly 'dioritic-porphyritic' texture; weakly formed med to coarse qtz and fsp phyric; some of the fsp is bluish labradorite; weakly formed med am phyyric; generally weak fine to med am and weak fine to med bio; some scatterd roundish to irrreg patches of med am up to a few cm in size with larger 8cm interval at 565.91-565.98; weak Kfsp haloes along qtz-carb hairline stringers and QF stringers; upper contact sharp; finer grained section without porphyritic texture at 567.55-567.70								
575.86	**576.70**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke**								
		Lamp and amphibolitic porphyritic FGS like above; Lamp has two main orientations; at the contacts of this section at steeper angle to coreaxis of 25 at upper contact and 65 at lower contact; second orientation inbetween wehere a cm-thick lamp band runs down nearly parallelt to fol; lamp with mm-sized anglular xenoliths and mm-sized semi-angular carb patches; upper contact sharp								
576.70	**626.69**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to coarse weakly fol grey-geen FGS with weakly 'dioritic-porphyritic' texture; weakly formed med to coarse qtz and fsp phyric; some of the fsp is bluish labradorite; weakly formed med am phyyric; generally weak fine to med am and weak fine to med bio; some scatterd roundish to irrreg patches of med am up to a few cm in size; weak Kfsp haloes along qtz-carb hairline stringers and QF stringers with sections of stronger alt at 604.07-605.34 and 611.14-611.33 and 613.07-613.89 and 624.31-625.97; upper contact sharp; mm-thick slivers of Lamp at 590.81-590.82								
626.69	**628.90**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		heterogeneous patchy section of patchy cm-sized irreg med to coarse pinkish PEG; med FGS with strong med bio and mod med am; and cm-sized med am patches; weak dissem fine anh py; upper contact gradational								
628.90	**634.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to coarse weakly fol grey-geen FGS with weakly 'dioritic-porphyritic' texture; weakly formed med to coarse qtz and fsp phyric; some of the fsp is bluish labradorite; weakly formed med am phyyric; generally weak fine to med am and weak fine to med bio; some scatterd roundish to irrreg patches of med am up to a few cm in size; weak Kfsp haloes along qtz-carb hairline stringers and QF stringers; upper contact grad; 6-7cm thick section of								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
biotitic AMPIN at 629.58-629.75 foliation parallel										
634.00	**656.46**	**(FGC) Felsic Gneiss Conglomerate, ( )** light grey pinkish weakly to mod fol conglomerate or mod to well banded FGS; if conglo: clasts highlty stretched; abund cm-dm sized bands/clasts of above am-porphyritic FGS/DIO in upper part of this units with decreasing abundance downward; weak fine to med bio; weak to very weak fine to med am; with scattered gar only below 654.45; generally weak KFsp haloes along qtz-carb hairline stringer but localized sections of mod KFsp alteration assocciated with psydotachylite bearing flts that are at 637.02-637.39 and 650.87-651.14; weak to mod fine dissem anh py; upper contact sharp; AMP section at 654.08-654.17 (fol parallel)								
656.46	**657.11**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** light greenish-grey fine mas lamp with 3-5cm thick chill margins; abund mm- to cm-sized semiangular carb patches and xenoliths up to 2cm in size; upper contact sharp								
657.11	**657.36**	**(FGC) Felsic Gneiss Conglomerate, ( )** same banded Conglo/banded FGS as above the dyke; KFSp alt; upper contact sharp								
657.36	**668.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** weakly to mod banded weakly to mod fol light grey fine to med FGS (potentiall a conglomerate); weak fine to med bio; sporadice med am; weak dissem fine anh py; upper contact is gradational; weak haloes of KFsp throughout with localized sections of stronger alt								
668.83	**669.22**	**(AMP) Amphibolite, ( )** med mod fol green pink amp; strong med to coarse am; mod to strong KFsp altered; upper contact sharp; no sulphides	B73139	668.83	669.22	0.39	0.012	AGAT_FAICP		
669.22	**670.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** weakly fol and weakly banded light grey fine to med FGS; very weak fine to med bio; very weak very fine dissem anh py; upper contact sharp: some KFSp haloes along qtz-carb hairline stringers	B73140 B73141	669.22 670	670 670.65	0.78 0.65	0.016 0.015	AGAT_FAICP AGAT_FAICP		
670.65	**675.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** fine tom med light grey weakly to mod fol FGSMU with 4cm thick foliation parallel band of fine to coarse light grey to slightly pinkish FGG (as described below); very weak fine t med	B73142 B73143 B73144	670.65 671.18 672	671.18 672 673	0.53 0.82 1	0.034 0.037 0.016	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
		bio; weak fine to med aggreg of musco; some KFSp haloes along qtz-carb hairline stringers with section of stronger including sericite at 670.65-671.18; weak fine dissem anh py; pper contact grad	B73145	673	674	1	0.022	AGAT_FAICP		
			B73147	674	674.76	0.76	0.035	AGAT_FAICP		
			B73148	674.76	675.52	0.76	0.056	AGAT_FAICP		
675.52	**682.14**	**(FGG) Felsic Gneiss Granitic, ( )**	B73149	675.52	676.14	0.62	0.087	AGAT_FAICP		
		pink to light grey fine to coarse mod to strongly fol FGG; very weak fine to coarse bio; strong med to coares aggreg of musco; minore localized med to coarse aggreg of sil; generally mod to stonly pervasively KFsp altered with some weaker sections; some of the fsp are kaolanized; two sections with brexiated pegmatite at 675.90-676.14 and 676.54-676.87; upper contact sharp; weak fine to med anh dissem py	B73150	676.14	676.87	0.73	0.093	AGAT_FAICP		
			B73151	676.87	677.8	0.93	0.304	AGAT_FAICP		
			B73153	677.8	678.8	1	0.468	AGAT_FAICP		
			B73154	678.8	679.8	1	2.28	AGAT_FAICP		
			B73155	679.8	680.8	1	3.94	AGAT_FAICP		
			B73156	680.8	681.6	0.8	2.95	AGAT_FAICP		
			B73157	681.6	682.14	0.54	0.894	AGAT_FAICP		
682.14	**683.79**	**(DIA) Diabase Dike, ( )**	B73159	682.14	683	0.86	0.01	AGAT_FAICP		
		grey massive fine DIA with freqy mm-sized semi-angular leuc patches and frequ mm- to cm-thick haloes of bleaching along carb stringers; upper contact sharp; some minor brecciation at lower contact	B73160	683	683.79	0.79	0.017	AGAT_FAICP		
683.79	**685.30**	**(FGG) Felsic Gneiss Granitic, ( )**	B73161	683.79	684.6	0.81	0.466	AGAT_FAICP		
		pink to light grey fine to coarse mod to strongly fol FGG; very weak fine to coarse bio; strong med to coares aggreg of musco; minore localized med to coarse aggreg of sil; generally mod pervasively KFsp altered with some weaker sections; rarely some of the fsp are kaolanized; section of fine to med FGSMU at 684.97-685.07; weak fine anh dissem py	B73162	684.6	685.3	0.7	0.368	AGAT_FAICP		
685.30	**686.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73163	685.3	686.15	0.85	0.115	AGAT_FAICP		
		fine light grey weakly to mod fol FGS; coarser med section at 685.86-685.90; very weak fine to me bio; very weak fine dissem py; upper contact sharp								
686.15	**689.18**	**(FGG) Felsic Gneiss Granitic, ( )**	B73164	686.15	687.11	0.96	0.129	AGAT_FAICP		
		pink to light grey fine to coarse mod to strongly fol FGG; very weak fine to coarse bio; strong med to coares aggreg of musco; minore localized med aggreg of sil; generally weak to mod patchy KFsp altered weaker twoards the lower contact; rarely some of the fsp are kaolanized; section of fine to med FGSMU at 687.11-687.34; weak fine anh dissem py	B73165	687.11	688.15	1.04	0.213	AGAT_FAICP		
			B73167	688.15	689.18	1.03	0.343	AGAT_FAICP		
689.18	**692.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		fine to med weakly to mod fol weakly to mod banded lighg grey FGS; weak fine to med bio defining bands; traces of sporadic med to coarse subh gar; weak to mod fine dissem anh po and py; at 691.57-691.94 rock more massive less fol and med grained; 691.94-691.98 has 3-4cm thick fol parallel band of 80% med to coarse bio; some cm-thick haloes along hairline fractures; upper contact sharp	B73168	689.18	690	0.82	0.62	AGAT_FAICP		
			B73169	690	690.9	0.9	0.027	AGAT_FAICP		
			B73170	690.9	691.57	0.67	0.188	AGAT_FAICP		
			B73171	691.57	692.3	0.73	0.205	AGAT_FAICP		
692.30	**695.38**	**(MAM) Mottled Amphibolite, ( )**	B73173	692.3	693	0.7	0.034	AGAT_FAICP		
		'borderline' MAM (could also be logged as AMPIN banded/melt-text) light grey-white to slightly greenish; has banded sections; sections with am porphyroblastic melt texture and sections with conglo texture; weakly to mod fokl; moderate fine to med (with very few coarse) am that often defines mm-thick mostly fol parallel bands and is developed as subh porphyroblasts? in the sections with melt texture; very weak fin eto med bio; moderatley mineralized by irreg wisps of mostly po with lesser py; upper contact sharp at qtz vein; sections with weakly developed cm-sized qtz stingers/patches at 693-693.55; 10cm thick Lamp at 694.4-694.52	B73174	693	693.7	0.7	0.039	AGAT_FAICP		
			B73175	693.7	694.4	0.7	0.045	AGAT_FAICP		
			B73176	694.4	695.38	0.98	0.021	AGAT_FAICP		
695.38	**695.93**	**(AMP) Amphibolite, ( )**	B73177	695.38	695.93	0.55	0.016	AGAT_FAICP		
		fine to med banded AMPIN; greenish grey; mod fol; mod abund fine to med am; very weak fine to med bio; weak fine anh dissem py; upper contact sharp								
695.93	**701.57**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73179	695.93	697	1.07	0.009	AGAT_FAICP		
		fine to med light grey mod fol FGS; some minor haloes okf ser/Kfsp along qtz-carb hairline stringers; weak fine dissem anh py; upper contact sharp	B73180	697	698.5	1.5	0.011	AGAT_FAICP		
			B73181	698.5	700	1.5	0.018	AGAT_FAICP		
			B73182	700	701.5	1.5	0.032	AGAT_FAICP		
701.57	**702.48**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	B73183	701.5	702.5	1	0.059	AGAT_FAICP		
		fine to med greenish banded mod fol AMPIN; mod fine to med am; weak fine to med bio; weak fine dissem anh py; upper contact sharp; weakly KFSp altered								
702.48	**707.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73184	702.5	704	1.5	0.058	AGAT_FAICP		
		fine to med mod fol light grey FGS; weak fine to med bio; some up to cm-long mm-thick patches along the fol of fine to med am throughout; weak fine dissem anh py; upper contact sharp; minor ser haloes along qtz-carb hairline stringers	B73185	704	705.5	1.5	0.01	AGAT_FAICP		
			B73187	705.5	707	1.5	0.014	AGAT_FAICP		
			B73188	707	707.9	0.9	0.017	AGAT_FAICP		
707.90	**709.23**	**(AMP) Amphibolite, ( )**	B73189	707.9	708.5	0.6	0.089	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		mod fol green AMP; strong fine to med am; weak fine to med bio; mod py and po mineralized as fine to med irreg wisps; one 10cm fine cpx patch at the center of interval; upper contact sharp	B73190	708.5	709.23	0.73	0.121	AGAT_FAICP		
709.23	**710.93**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73191	709.23	710	0.77	0.015	AGAT_FAICP		
		FGS with am as main mafic mineral; weak fine to med am; very weak fine to med bio; mod fol; light grey; weak fine dissem anh py and po; upper contact sharp	B73193	710	710.8	0.8	0.022	AGAT_FAICP		
710.93	**711.22**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	B73194	710.8	711.22	0.42	0.02	AGAT_FAICP		
		green to very light grey/whitsh melt (AMPIN?); whitish groundmass with med to coarse am POBs or PORs; weak fine dissem anh py; upper contact sharp								
711.22	**712.12**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73195	711.22	712.12	0.9	0.014	AGAT_FAICP		
		fine to med mod fol light grey FGS; weak fine to med bio; weak fine dissem anh py; mod KFS and Ser alt section at 711.57-711.95; upper contact sharp								
712.12	**714.87**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	B73196	712.12	713	0.88	0.018	AGAT_FAICP		
			B73197	713	714	1	0.016	AGAT_FAICP		
		green to very light grey/whitsh melt (AMPIN?); whitish groundmass with fine to coarse am POBs or PORs; weak fine dissem anh py; upper contact sharp; with some kFsp/ser alt sections partic at 714.12-714.72	B73199	714	714.87	0.87	0.017	AGAT_FAICP		
714.87	**717.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73200	714.87	715.5	0.63	0.046	AGAT_FAICP		
		altered fine to med FGS; mod fol; light grey; weak fine to med bio; weaker fine to med am; weak to mod fine dissem anh py; upper contact sharp; alteration is mod KFsp and Ser has haloes and patchy; frequ sub-mm vuggs filled with epidote	B73201	715.5	716.2	0.7	0.026	AGAT_FAICP		
			B73202	716.2	717.1	0.9	0.067	AGAT_FAICP		
717.10	**717.83**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73203	717.1	717.83	0.73	0.006	AGAT_FAICP		
		fine massive Lamp; greenish grey; with mm-sized semi-angular patches of carb; KFSp altered FGS band at 717.36-717.45; contacts of this band and upper and lower contact of dyke are all parallel and sharp; mm-thick qtz tension gashes in FGS band								
717.83	**720.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73204	717.83	718.9	1.07	0.027	AGAT_FAICP		
		weakly to mod KFsp altered FGS; fine to med; weakly fol; light pinkish grey; generally very weak fine to med bio wiht few cm- to dm-thick sections of increased bio; minor mm-sized patches/stringers of fine to med am; weak fine dissem anh py; upper contact sharp; mod	B73205	718.9	719.9	1	0.038	AGAT_FAICP		
			B73207	719.9	720.9	1	0.025	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
haloes and patches of KFsp alteration										
720.90	**722.04**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** fine to coarse greenish pink am and fsp porphyritic mod fol DIO; med to coarse am por; med am por; matrix has fine to med am and fine to med bio; weak fine dissem anh py; upper contact sharp; perv KFSp altered	B73208	720.9	722.04	1.14	0.046	AGAT_FAICP		
722.04	**722.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** weakly to mod KFsp altered FGS; fine to med; weakly fol; light pinkish grey; generally very weak fine to med bio; minor mm-sized patches/stringers of fine to med am; weak fine dissem anh py; upper contact sharp; mod haloes and patches of KFsp alteration	B73209	722.04	722.75	0.71	0.079	AGAT_FAICP		
722.75	**723.50**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** med to coarse greenish weakly fol DIO; rock rather massive and only weakly porphyritic with med to coarse am por; matrix has mainly fine to med am and only very minor fine to med bio; weak fine dissem anh py; upper contact sharp; perv KFSp altered	B73210	722.75	723.5	0.75	0.306	AGAT_FAICP		
723.50	**724.56**	**(FGS) Felsic Gneiss Sedimentary, ( )** pink-greyish perv/haloes KSsp altered FGS; weakly fol; weak fine to med bio; some cm-size patches with med am; weak dissem anh py; upper contact sharp	B73211	723.5	724.56	1.06	0.044	AGAT_FAICP		
724.56	**725.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** strongly pervasively altered pink weakly fol fine to med FGS with 7% mm-to cm-thick PEG patches and stringers; very weak fine to med bio; weak dissem fine anh py and traces of fine dissem anh po; upper contact sharp	B73213	724.56	725.4	0.84	0.164	AGAT_FAICP		
725.40	**728.16**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** interlayered PEG and FGS on dm- to cm- thickness scale; PEG is massive med to very coars and has rare py blebs up to 1.3cm in size; FGS is fine to med weakly to mod fol and has weak fine to med bio and weak fine dissem anh py; rock is pink and well pervasively KFSp altered above 727.62; below that rock is light grey-whitish; upper coantact is sharp; 4cm thick band of Lamp at 726.69-726.75	B73214 B73215 B73216 B73217	725.4 726.05 726.75 727.62	726.05 726.75 727.62 728.16	0.65 0.7 0.87 0.54	0.304 0.165 0.28 0.421	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
728.16	**729.48**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coarse light grey with few pinkish patches PEG; massive; rare rounded	B73219 B73220	728.16 728.8	728.8 729.48	0.64 0.68	0.042 0.004	AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
patches of py up to 0.8cm in size; uppper contact is sharp										
729.48	**730.22**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** fine to med light grey to slightly pinkish mod fol FGSMU; very weak fine to med bio; weak fine to med aggreg of musco; weak fine dissem fol parallel wisps of py; upper contact sharp	B73221	729.48	730.22	0.74	0.409	AGAT_FAICP		
730.22	**730.72**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** pink grey patchyly KFsp/Ser alt rock; 70% coarse to very coarser massive PEG and fol parallel bands fo mod fol fine to med FGSMU; weak fine to med bio and very weak fine to med aggreg of musco; weak dissem fol parallel wisps of py; upper contact sharp	B73222	730.22	730.72	0.5	0.225	AGAT_FAICP		
730.72	**733.64**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )** light grey to patchy pinkish fine to coarse mod fol FGG (borderline to FGSMU) with 15% cm- to dm-thick generally foliation parallel pink-white coarse to very coarse PEGs; FGG has weak fine to med bio and mod med to caorse aggreg of musco; weak fol parallel fine wisps of py; upper contact sharp; patchy localized KFsp and weaker Ser alt generally as haloes along PEGs and qtz-carb hairline stringers	B73223	730.72	731.7	0.98	0.221	AGAT_FAICP		
			B73224	731.7	732.7	1	0.079	AGAT_FAICP		
			B73225	732.7	733.64	0.94	0.057	AGAT_FAICP		
733.64	**735.10**	**(AMPG, FGS) Amphibole Felsic Gneiss, Felsic Gneiss Sedimentary, ( )** greenish mod fol fine to coarse AMPG alternation with greenish fine to med mod Fol seritized FGS on dm-thickness scale; med to coarse am POB that are stretched; rock mod to strongly ser; very minor bio since most of it ser; fine dissem fol parallel wisps of py; upper contact sharp	B73227	733.64	734.3	0.66	0.048	AGAT_FAICP		
			B73228	734.3	735.1	0.8	0.041	AGAT_FAICP		
735.10	**743.41**	**(FGG) Felsic Gneiss Granitic, ( )** fine to coarse grey pink mod to str fol FGG with freq usually fol parallle cm-to dm-thick PEG bands; weak fine to med bio; mod to stro med to coarse aggreg of musco; localized med to coarse aggreg of sil; from 736.37-742.85 mod to strongly patchyly KFsp altered; weak dissem anh fine py; upper contact sharp	B73229	735.1	736	0.9	0.146	AGAT_FAICP		
			B73230	736	737	1	0.099	AGAT_FAICP		
			B73231	737	738.11	1.11	0.084	AGAT_FAICP		
			B73233	738.11	738.86	0.75	0.057	AGAT_FAICP		
			B73234	738.86	739.5	0.64	0.061	AGAT_FAICP		
			B73235	739.5	740.48	0.98	0.131	AGAT_FAICP		
			B73236	740.48	741.5	1.02	0.359	AGAT_FAICP		
			B73237	741.5	742.5	1	2.13	AGAT_FAICP		
			B73239	742.5	743.41	0.91	0.152	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
743.41	**744.87**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** fine to med light grey weakly to mod fol FGSMU; very weak fine to med bio; weak fine to med aggre of musco; weak fine dissem anh py; upper contact sharp; weak to mod KFsp and Ser alt mainly as haloes; 6cm thick band of strong bio with strong ser alt at lower contact to qtz vein parallel to vein at 744.41-744.60	B73240	743.41	744.32	0.91	0.087	AGAT_FAICP		
			B73241	744.32	744.87	0.55	0.253	AGAT_FAICP		
744.87	**748.58**	**(FGG) Felsic Gneiss Granitic, ( )** fine to coarse grey pink mod fol FGG; weak fine to med bio; mod to stro med to coarse aggreg of musco; weak to mod patchyly KFsp altered; weak dissem anh fine py; upper contact grad	B73242	744.87	746	1.13	0.151	AGAT_FAICP		
			B73243	746	747	1	0.083	AGAT_FAICP		
			B73244	747	748	1	0.067	AGAT_FAICP		
			B73245	748	748.58	0.58	0.16	AGAT_FAICP		
748.58	**749.22**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** fine to med dark grey-greenish DIO with pinkish fsp pors; fine to med am and bio in groundmass; no sulphides; abund patches of epid; upper contact sharp	B73247	748.58	749.22	0.64	0.014	AGAT_FAICP		
749.22	**750.79**	**(FGG) Felsic Gneiss Granitic, ( )** slightly banded mod fol pinkish-grey fine to coarse FGG; weak fine to med bio; mod fine to med aggreg of musco; mod pervasivley and patchyly KFsp altered; upper contact sharp along a 2cm QF; weak fine dissem anh py	B73248	749.22	750	0.78	0.141	AGAT_FAICP		
			B73249	750	750.79	0.79	0.375	AGAT_FAICP		
750.79	**751.59**	**(DIA) Diabase Dike, ( )** fine massive DIA; dark grey; mm-sized white anglar crystals: leucoxene; upper contact sharp	B73250	750.79	751.59	0.8	0.005	AGAT_FAICP		
751.59	**761.18**	**(FGG) Felsic Gneiss Granitic, ( )** slightly banded mod fol pinkish-grey fine to coarse FGG with frequ cm- to dm sizred PEG patches and bands; weak fine to med bio; mod to strong med to coarse aggreg of musco; weak to mod localized med to coarseaggreg of sil; strongly pervasivley and patchyly KFsp altered; upper contact sharp; weak fine dissem anh py	B73251	751.59	752.7	1.11	0.16	AGAT_FAICP		
			B73253	752.7	753.2	0.5	0.16	AGAT_FAICP		
			B73254	753.2	753.9	0.7	0.058	AGAT_FAICP		
			B73255	753.9	754.6	0.7	0.033	AGAT_FAICP		
			B73256	754.6	755.6	1	0.03	AGAT_FAICP		
			B73257	755.6	756.66	1.06	0.085	AGAT_FAICP		
			B73259	756.66	757.5	0.84	0.11	AGAT_FAICP		
			B73260	757.5	758.46	0.96	0.15	AGAT_FAICP		
			B73261	758.46	759.4	0.94	0.209	AGAT_FAICP		
			B73262	759.4	760.4	1	0.173	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B73263	760.4	761.18	0.78	0.124	AGAT_FAICP		
761.18	**762.78**	**(PEG, FGG) Pegmatite, Felsic Gneiss Granitic, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73264	761.18	762	0.82	0.049	AGAT_FAICP		
			B73265	762	762.78	0.78	0.009	AGAT_FAICP		
		coarse to very coarse white pink massive QF with 25% FGG as described below; upper contact sharp; rock has strong perv and patchy KFsp alt								
762.78	**764.28**	**(FGG) Felsic Gneiss Granitic, ( )**	B73267	762.78	763.44	0.66	0.09	AGAT_FAICP		
		slightly banded mod fol pinkish-grey fine to coarse FGG with some cm- to dm sizred PEG patches and bands; weak fine to med bio; mod to strong med to coarse aggreg of musco; weak to mod localized med to coarse aggreg of sil; strongly pervasivley and patchyly KFsp altered; upper contact sharp; weak fine dissem anh py	B73268	763.44	764.28	0.84	0.102	AGAT_FAICP		
764.28	**765.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73269	764.28	765	0.72	0.003	AGAT_FAICP		
		fine dark grey mas Lamp with 1cm to 4cm thick greenish altered chilled margins; frequent mm-sized semi-angular carb patches; upper contact sharp								
765.00	**765.48**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	B73270	765	765.48	0.48	0.176	AGAT_FAICP		
		fine to coarse grey to lightly pinkish mod to strongly fol GBFG; mod med pattly well seritized bio; mod med to coarse aggreg of musco; mod med to coarse aggreg of sil; moderately pervasively Ser and KFsp altered; mod py min as fine to med wisps parallel to fol; upper contact sharp								
765.48	**766.27**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73271	765.48	766.27	0.79	0.004	AGAT_FAICP		
		fine dark grey mas Lamp with 1cm to 2cm thick greenish altered chilled margins; frequent mm-sized semi-angular carb patches; upper contact sharp								
766.27	**770.08**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	B73273	766.27	767	0.73	0.152	AGAT_FAICP		
		fine to coarse grey to lightly pinkish strongly fol GBFG; str med tok coarse bio; minor mm-thick fol parallel bands of med am; weak med to coarse aggreg of musco; str med to coarse aggreg of sil to 767.47; strong wispy to stockwork mm-thick py with lesser po mineralization from 767.63 to end of this interval; moderately patchy Ser alteration also from 767.63 to end of interval; rest of intervall has weak to mod py (lesser po) min and weak to mod ser altertion and and weak patchy KFsp alteration; upper contact sharp but wavy over 34cm	B73274	767	767.47	0.47	0.468	AGAT_FAICP		
			B73275	767.47	768.3	0.83	0.397	AGAT_FAICP		
			B73276	768.3	769	0.7	0.844	AGAT_FAICP		
			B73277	769	769.6	0.6	0.675	AGAT_FAICP		
			B73279	769.6	770.08	0.48	0.632	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
770.08	**770.70**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73280	770.08	770.7	0.62	2.33	AGAT_FAICP		
		pink white to slighty greenish coarse to very coarse PEG; massive; upper contact sharp; 10cm section at lower contact is more light greyish and has mod fine to med wisps of po								
770.70	**772.53**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )**	B73281	770.7	771.12	0.42	0.403	AGAT_FAICP		
		dark grey strongly fol fine to coarse GBFG with 15% pink white coarse to very coarse patches and fol parallel bands of PEG up to a few cm in size/thickness; strong med to coarse bio; strong med to caorse aggreg of sil to 771.74; rock generalyy weakly patchyly ser/ksp alt but stong ser/ksp alteration below 771.74; weak to mod med to caorse aggreg of musco throughout; moderate wispy/irreg fine to med py and po mineralization; upper contact sharp; med patcheso of malachite as enveloping a PEG on both contacts for about 10cm thickness at 1772.19-1772.53	B73282	771.12	771.74	0.62	0.34	AGAT_FAICP		
			B73283	771.74	772.53	0.79	1.47	AGAT_FAICP		
772.53	**773.92**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73284	772.53	773.2	0.67	0.207	AGAT_FAICP		
		coare to very coarse pink-white massive PEG with 15% cm-thich slivers and patches of strongly perv ser/ksp altered GBFG; PEG also perv strongly KFsp altered; GBFG same as py/po min and ser rock above; bio mostly replaced by ser; upper contact sharp	B73285	773.2	773.92	0.72	1.15	AGAT_FAICP		
773.92	**775.44**	**(FGG) Felsic Gneiss Granitic, ( )**	B73287	773.92	774.65	0.73	0.187	AGAT_FAICP		
		fine to coarse pink mod to strongly fol FGG with possible melt texture with diffuse boundaries to some cm-sized/thick PEG patches stringers; very weak fine to med bio; mod med to coarse musco; weak fine to med dissem py; upper contact sharp	B73288	774.65	775.44	0.79	0.283	AGAT_FAICP		
775.44	**780.00**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )**	B73289	775.44	776.29	0.85	0.401	AGAT_FAICP		
		mod to strongly fol pink greenish grey fine to med (with very minor coarse) GBFG with 10% generally fol parallel QF patches mm- to up to a few cm in size/thickness; rock is strongly seritizized with most of the original strong bio replaced by ser; mod patchy KSp alteration; weak fine to med aggreg of musco; mod fine to med wispy py mineralization; upper contact sharp	B73290	776.29	777	0.71	0.452	AGAT_FAICP		
			B73291	777	778	1	0.296	AGAT_FAICP		
			B73293	778	778.8	0.8	0.229	AGAT_FAICP		
			B73294	778.8	779.62	0.82	0.373	AGAT_FAICP		
			B73295	779.62	780	0.38	0.363	AGAT_FAICP		
780.00	**781.27**	**(QFP) Quartz Feldspar Porphyry, ( )**	B73296	780	780.66	0.66	0.025	AGAT_FAICP		
		fine to coarse grey-white mod fol QFP; grey moderately fine to med biotitic groundmass and with white med to coarse fsp Pors; sections of patchy strong KFsp/Ser alteration at 780.0-780.39 and 780.66-781.27; weak fine dissem py; upper contact sharp	B73297	780.66	781.27	0.61	0.826	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
781.27	**781.78**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** dark grey mod to str fol fine to med GBFG with rel abund med am; mod to strong fine to med bio partly replaced by ser alteration; mod med am; mod to strong py min as fol parallel fine to med wisps; upper contact sharp	B73299	781.27	781.78	0.51	0.53	AGAT_FAICP		
781.78	**786.54**	**(QFP) Quartz Feldspar Porphyry, ( )** fine to coarse grey-white mod fol QFP; grey moderately fine to med biotitic groundmass and with white med to coarse fsp Pors; sections of patchy mod to strong KFsp/Ser alteration at 781.78-782.02 and 783.6-785.76; weak fine dissem py; upper contact sharp	B73300	781.78	782.4	0.62	0.06	AGAT_FAICP		
			B73301	782.4	783	0.6	0.026	AGAT_FAICP		
			B73302	783	784	1	0.049	AGAT_FAICP		
			B73303	784	785	1	0.563	AGAT_FAICP		
			B73304	785	785.76	0.76	0.041	AGAT_FAICP		
			B73305	785.76	786.54	0.78	0.068	AGAT_FAICP		
786.54	**794.52**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** med to coarse mod to strongly fol dark grey GBFG; strong med to coarse bio; mod to strong med to coarse sub- to euhedral patchyly localized gar; moderate to strong py and po fine to med fol parallel wisps; upper contact sharp; some localized sections of Ser alteration as haloes along carb-qtz stringers	B73307	786.54	786.92	0.38	0.597	AGAT_FAICP		
			B73308	786.92	787.56	0.64	2.99	AGAT_FAICP		
			B73309	787.56	788.14	0.58	0.69	AGAT_FAICP		
			B73310	788.14	789.13	0.99	0.802	AGAT_FAICP		
			B73311	789.13	790.15	1.02	1.72	AGAT_FAICP		
			B73313	790.15	791	0.85	1.04	AGAT_FAICP		
			B73314	791	791.8	0.8	0.854	AGAT_FAICP		
			B73315	791.8	792.54	0.74	1.29	AGAT_FAICP		
			B73316	792.54	792.94	0.4	12.4	AGAT_FAGRA		
			B73317	792.94	793.7	0.76	0.433	AGAT_FAICP		
			B73319	793.7	794.52	0.82	0.832	AGAT_FAICP		
794.52	**796.55**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Quartz flooded QV1 with 20 % GBFG as mm- to a few cm-thick wavy undulating bands with generally diffuse boundaries to the quartz; Quartz is light to dark grey med to coarse; rock is mderately to strongly po and lesser py min as wisps and patches that can be up to a few cm long and 2mm thick; upper contact sharp	B73320	794.52	795	0.48	1.34	AGAT_FAICP		
			B73321	795	795.5	0.5	0.659	AGAT_FAICP		
			B73322	795.5	796	0.5	3.26	AGAT_FAICP		
			B73323	796	796.55	0.55	3.35	AGAT_FAICP		
796.55	**797.97**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 with two QV2 veins 10 and 5 cm thick; QV1 is light to dark grey with a few slivers usually sub-mm thick bio-gar GBFG remnents; section of QV2 have a diffuse greenish colour (prob due to am); weak to mod fine to med wisps of po and py; 3 spots with individual VG	B73324	796.55	797	0.45	4.86	AGAT_FAICP	Yes	
			B73325	797	797.5	0.5	4.94	AGAT_FAICP	Yes	
			B73327	797.5	797.97	0.47	3.64	AGAT_FAICP	Yes	

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
flakes that are sub-mm in size; upper contact sharp along the 10cm QV2 band										
797.97	**798.31**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73329	797.97	798.31	0.34	0.2	AGAT_FAICP		
Lamp; mostly light green but at its center a 7cm wide contact parallel section of dark grey rock; faint light greay carb patches up to 0.7cm in size; contacts sharp; fine grained; mas										
798.31	**798.56**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	B73330	798.31	798.61	0.3	7.51	AGAT_FAGRA	Yes	
QV1 with 25% patchy GBFG; QV1 has one cluster with six sub-mm flakes of VG; QV is light grey greenish massive med to coarse; mod fine to med wispy and patchy py; greenish colour due to traces of am; GFBF fine to med mod fol dark grey with strong fine to med bio and weak to mod med subh gar; upper contact sharp										
798.56	**801.05**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	B73332	798.61	799.1	0.49	0.179	AGAT_FAICP		
rel massive weakly to mod fol dark grey GBFG with strong fine to med bio and weak to mod med subh gar; weak dissem fine po and py; a few Ser/Ksp haloes along qtz-carb hairline stringers; upper contact sharp			B73333	799.1	799.5	0.4	1.76	AGAT_FAICP		
			B73334	799.5	800.2	0.7	0.329	AGAT_FAICP		
			B73335	800.2	801.05	0.85	1.39	AGAT_FAICP		
801.05	**806.00**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	B73336	801.05	801.5	0.45	7.74	AGAT_FAGRA		
light grey to grey massive QV1 with 20% patchy and fol parallel mm- to cm-thick slivers of mod to strongly fol dark greky med to coarse GBFG; Latter with strong med to coarse bio and weak localized med subh gar; mod to strong po and lesser py min generally as fol parallel fine to med wisps in the GBFG; upper contact sharp			B73337	801.5	802	0.5	6.91	AGAT_FAGRA		
			B73339	802	802.5	0.5	6.38	AGAT_FAGRA		
			B73340	802.5	803	0.5	5.18	AGAT_FAGRA		
			B73341	803	803.5	0.5	10.8	AGAT_FAGRA		
			B73342	803.5	804	0.5	9.84	AGAT_FAGRA		
			B73343	804	804.5	0.5	10.1	AGAT_FAGRA		
			B73344	804.5	805	0.5	1.61	AGAT_FAICP		
			B73345	805	805.5	0.5	4.32	AGAT_FAICP		
			B73347	805.5	806	0.5	0.882	AGAT_FAICP		
806.00	**807.75**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	B73348	806	806.5	0.5	3.58	AGAT_FAICP		
med dark grey mod fol GBFG with strong med bio and weak to mod med to coarse subh gar; minor ser alt haloes along qtz-carb hairline stringers; slightly banded parallel to fol due to			B73349	806.5	807.1	0.6	2.91	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
changes in bio content; mod po and lesser py fine to med wisps along fol; upper contact sharp			B73350	807.1	807.75	0.65	2.69	AGAT_FAICP		
807.75	**808.61**	**(MAM) Mottled Amphibolite, ( )**	B73351	807.75	808.2	0.45	0.545	AGAT_FAICP		
banded to patchy greenish mod fol fine to med MAM with abundant mm- to cm-thick often fol parallel bands/patches of fine to med am; some mm-thick grey qtz stringers; mod po and py min usually as fine to med fol paralle wisps; cm-sized patches of light green fine cpx; upper contact sharp			B73353	808.2	808.61	0.41	0.666	AGAT_FAICP		
808.61	**809.56**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein**	B73354	808.61	809.05	0.44	0.139	AGAT_FAICP		
QV2 with three 3cm to15cm-thick generally fol parallel light grey weakly to mod fol fine to med FGS; Qtz vein is massive white coarse tovery coarse and has only traces of fine to med anh localized py; upper contact sharp			B73355	809.05	809.56	0.51	0.142	AGAT_FAICP		
809.56	**813.85**	**(MAM) Mottled Amphibolite, ( )**	B73356	809.56	810.1	0.54	0.808	AGAT_FAICP		
banded to patchy greenish mod fol fine to med MAM with abundant mm- to cm-thick often fol parallel bands/patches of fine to med am; some mm-thick grey qtz stringers; mod po and py min usually as fine to med fol paralle wisps; cm-sized patches of light green fine cpx; upper contact sharp			B73357	810.1	810.7	0.6	0.184	AGAT_FAICP		
			B73359	810.7	811.3	0.6	3.1	AGAT_FAICP		
			B73360	811.3	811.9	0.6	2.47	AGAT_FAICP		
			B73361	811.9	812.5	0.6	0.946	AGAT_FAICP		
			B73362	812.5	813.2	0.7	0.584	AGAT_FAICP		
			B73363	813.2	813.85	0.65	0.659	AGAT_FAICP		
813.85	**815.72**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	B73364	813.85	814.75	0.9	0.228	AGAT_FAICP		
fine to med DIOP2 with med white fsp ann med stretched am pors; mod fol; grey; weak fine to med bio and am in the groundmass; very weak fine dissem anh py; upper contact sharp			B73365	814.75	815.72	0.97	0.095	AGAT_FAICP		
815.72	**816.10**	**(MAM) Mottled Amphibolite, ( )**	B73367	815.72	816.36	0.64	0.951	AGAT_FAICP		
banded to patchy greenish mod fol fine to med MAM with abundant mm- to cm-thick often fol parallel bands/patches of fine to med am; some mm-thick grey qtz stringers; mod po and py min usually as fine to med fol paralle wisps; cm-sized patches of light green fine cpx; upper contact sharp										
816.10	**824.43**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	B73368	816.36	816.87	0.51	2.98	AGAT_FAICP		
med to coarse mod to strongly fol dark grey GBFG; strong med to coarse bio; mod to strong med to coarse subh to euh gar; 3 specs of VG in qtz stringer zone at 817.96-819.3; weak to			B73369	816.87	817.19	0.32	1.78	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		mod fine dissem wisps of py and po; localized haloes of ser along qtz-carb stringers; upper contact sharp	B73370	817.19	817.6	0.41	4.21	AGAT_FAICP		
			B73371	817.6	817.96	0.36	4.07	AGAT_FAICP		
			B73372	817.96	818.62	0.66	4.7	AGAT_FAICP	Yes	
			B73373	818.62	819.3	0.68	41.1	AGAT_FAGRA	Yes	
			B73375	819.3	819.75	0.45	1.13	AGAT_FAICP		
			B73376	819.75	820.2	0.45	0.529	AGAT_FAICP		
			B73377	820.2	820.8	0.6	0.309	AGAT_FAICP		
			B73379	820.8	821.35	0.55	0.36	AGAT_FAICP		
			B73380	821.35	821.95	0.6	0.248	AGAT_FAICP		
			B73381	821.95	822.69	0.74	0.759	AGAT_FAICP		
			B73382	822.69	823.45	0.76	1.9	AGAT_FAICP		
			B73383	823.45	824.1	0.65	0.439	AGAT_FAICP		
			B73384	824.1	824.43	0.33	0.871	AGAT_FAICP		
824.43	**826.05**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	B73385	824.43	824.74	0.31	185	AGAT_FAGRA	Yes	
		patches and stringers of QV1 in GBFG; section of abund VG in QV1 at 824.43-825.08; QV is massive light grey to whitish bands and patches up to a few cm in size/thickness; some of them irreg crossing fol som are parallel to fol; GFBF is med to caorse mod to strongly fol with strong med to coarse bio and strong med to coarse euh to subh gar; weak to mod po and py as irrg shaped patches and up to 1.5cm in qtz vein and as fine to med dissem wisps in the GBFG; upper contact is gradational along a irreg shaped VG beaering QV1	B73387	824.74	825.08	0.34	44.4	AGAT_FAGRA	Yes	
			B73389	825.08	825.45	0.37	21	AGAT_FAGRA		
			B73390	825.45	826.05	0.6	4.38	AGAT_FAICP		
826.05	**831.80**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	B73391	826.05	826.7	0.65	2	AGAT_FAICP		
		med to coarse dark grey mod to strongly fol GBFG; strong med to coarse bio and strong med to very coare sub- to euh gar; mod abund med aggreg of sil; weak fine dissem anh py and po; upper contact sharp along QV1 stringer	B73393	826.7	827.5	0.8	1.08	AGAT_FAICP		
			B73394	827.5	828.5	1	1.45	AGAT_FAICP		
			B73395	828.5	829.5	1	0.602	AGAT_FAICP		
			B73396	829.5	830	0.5	7.1	AGAT_FAGRA		
			B73397	830	830.7	0.7	0.497	AGAT_FAICP		
			B73399	830.7	831	0.3	3.6	AGAT_FAICP		
			B73400	831	831.8	0.8	2.59	AGAT_FAICP		
831.80	**832.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73401	831.8	832.2	0.4	1.75	AGAT_FAICP		
		mod to strongly fol grey fine to med FGSBI; mod bio; weak to mod fine to med subh gar; mod py and po fine to med wisps paralle to fol; upper contact grad								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
832.20	**833.10**	**(MAM) Mottled Amphibolite, ( )** patchy to banded MAM with cm-sized clast looking fragments of med am poc baring light grey rock surrounded by mm to cm-thick med to coares am bands; mod to strong fine to coarse ma; mod fol; mod to strong med to coarse wisps of po paticularily in the am bands; upper contact has frequ coarse euh gar and some localized cm-sized patches with med to coarse subh to euh gar throughout; upper contact is sharp	B73402	832.2	832.65	0.45	1.46	AGAT_FAICP		
			B73403	832.65	833.1	0.45	2.52	AGAT_FAICP		
833.10	**835.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** mod to strongly fol dark grey med to coarse GBFG; strong med to coarse bio; weak to mod localized med to coarse subh gar; mod fine to med wisps of po and lesser py parallel to fol; upper contact sharp and folded	B73404	833.1	834	0.9	2.8	AGAT_FAICP		
			B73405	834	834.35	0.35	30	AGAT_FAGRA		
			B73407	834.35	835	0.65	62.5	AGAT_FAGRA		
835.00	**835.66**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** mostly whitish to very light grey coarse to very coarse massive PEG with dissem coarse bio; contact sharp; minor patches of irreg py up to 7mm in size	B73408	835	835.66	0.66	1.21	AGAT_FAICP		
835.66	**836.60**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 stingers and patches in GBFG; QV1 stinger whitish to light grey generally fol parallel but also irreg; GBFG has strong med bio; mod med subh gar; strong py and po min as fol parallel med to coarse wisp; upper contact sharp	B73409	835.66	836.1	0.44	10	AGAT_FAGRA		
			B73410	836.1	836.6	0.5	3.82	AGAT_FAICP		
836.60	**838.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to med greenish mod fol AMPIN with med stretched am pob; moderate fine to med am; very weak fine to med bio; weak dissem fol parallel wisps of fine anh py; upper contact is sharp	B73411	836.6	837.2	0.6	0.421	AGAT_FAICP		
			B73413	837.2	837.56	0.36	0.025	AGAT_FAICP		
			B73414	837.56	837.88	0.32	0.096	AGAT_FAICP		
838.00	**838.18**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 stingers and patches in GBFG; QV1 stinger whitish to light grey generally fol parallel but also irreg; GBFG has strong med partly seritizized bio; no gar; weak to mod py and po min as fol parallel fine to med wisp; upper contact sharp	B73415	837.88	838.18	0.3	0.782	AGAT_FAICP		
838.18	**839.04**	**(QFP) Quartz Feldspar Porphyry, ( )** fine to coarse grey mod fol QFP with coarse white qtz and fsp pobs; mod fine to med bio in	B73416	838.18	839.04	0.86	1.04	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
groundmass; weak fol parallel fine wisps of py; upper contact sharp										
839.04	**839.61**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med FGS with a few med to coarse white fsp pocs; weak fine to med bio; weak fine dissem anh py; upper contact is sharp	B73417	839.04	839.61	0.57	0.11	AGAT_FAICP		
839.61	**840.43**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** med mod to strongly fol dark grey GBFG with foliation parallel bands and lenses of whitish to light grey up to 1cm thick QV1 that are increasing downwards; in GBFG strong med bio and weak localized patches of fine euh gar (more in upper part of interval); weak to mod fol parallel wisps of py and po paticularily in the GBFG; 1 spec of VG 2cm from lowe contact in QV1 band	B73419 B73420	839.61 840.05	840.05 840.43	0.44 0.38	3.97 4.48	AGAT_FAICP AGAT_FAICP	 Yes	
840.43	**841.43**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** massive light grey to whitish med to coarse QV1 with mm-thick bands/schlieren of fine bio/po; a few irre patches of py and po up to 4mm in sized in the massiive QV; with 2 specs of VG; upper contact sharp	B73422 B73423	840.43 840.95	840.95 841.43	0.52 0.48	20 31.2	AGAT_FAGRA AGAT_FAGRA	 Yes	
841.43	**842.29**	**(QV, FGG) Quartz Vein, Felsic Gneiss Granitic, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** alternating slightly undulating bands of mas med to coarse light grey QV1 and light grey fine to med FGG?; 1 spec of VG in QV1 band; bands mm- to 4cm thick and foliatio parallel; FGG has fine to med aggreg of musco and very weak fine to med bio; weak to mod po and lesser py fol parallel wisp primarily in FGG; upper contact sharp	B73424 B73427	841.43 841.87	841.87 842.29	0.44 0.42	15.2 10.4	AGAT_FAGRA AGAT_FAGRA	Yes 	
842.29	**843.33**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** coarse to very coarse whitish to light grey massive QV1; irreg patch of PEG in part of 842.8-842.95; coare to very coarse am in PEG; QV has a few flakes of med bio; 2 specs of VG in QV1; only minor fine scattered po and py; upper contact is sharp	B73428 B73430	842.29 842.95	842.95 843.33	0.66 0.38	22.6 40.2	AGAT_FAGRA AGAT_FAGRA	Yes 	
843.33	**844.35**	**(QV, FGG) Quartz Vein, Felsic Gneiss Granitic, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** alternating slightly undulating bands of mas med to coarse light grey QV1 and light grey fine to med FGG?; bands mm- to 5cm thick and foliation parallel; FGG has fine to med aggreg of musco and very weak fine to med bio; weak to mod po and lesser py fol parallel wisp primarily in FGG; upper contact sharp	B73431	843.33	843.82	0.49	10	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
844.35	**847.28**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** light grey to dark grey and withish patchy massive QV1 with bluish qtz; med to coarse; a few localized coarse to very coarse greenish or light pinkish fsps; 8 specs of VG throughout; very minor irreg patches of po and py up to 0.8cm in size; upper contact is sharp; very minor med flakes of bio	B73433	843.82	844.9	1.08	21.8	AGAT_FAGRA	Yes	
			B73434	844.9	845.4	0.5	10.7	AGAT_FAGRA	Yes	
			B73435	845.4	845.7	0.3	11.4	AGAT_FAGRA	Yes	
			B73436	845.7	846.1	0.4	25.7	AGAT_FAGRA	Yes	
			B73437	846.1	846.5	0.4	11.2	AGAT_FAGRA		
			B73439	846.5	846.9	0.4	4.33	AGAT_FAICP	Yes	
			B73441	846.9	847.28	0.38	6.4	AGAT_FAGRA		
847.28	**847.58**	**(QV, FGG) Quartz Vein, Felsic Gneiss Granitic, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** alternating slightly undulating bands of mas med to coarse light grey QV1 and light grey fine to med FGG?; bands mm- to 2.5cm thick and foliation parallel; FGG has fine to med aggreg of musco and very weak fine to med bio; weak to mod po and lesser py fol parallel wisp primarily in FGG; upper contact sharp	B73442	847.28	847.58	0.3	14.9	AGAT_FAGRA		
847.58	**848.28**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** fine to coarse dark grey mod fol slightly banded GBFG; downward increasing mm-thick fol parallel bands of med am; strong fine to coarse bio; mod med to coarse subh gar; weak to mod fine to med generally fol parallel wisps of po and py; upper contact is sharp	B73443	847.58	848.28	0.7	0.52	AGAT_FAICP		
848.28	**849.00**	**(MAM, QV) Mottled Amphibolite, Quartz Vein, ( )** banded green-grey-light grey mod fol fine to coarse MAM; mod med to caorse am in mm- to cm-thick foliation parallel bands; weak to mod fine to med bio; some QV2 bands parallel to fol; felsic bands with coarse am pobs; weak to mod disse fol parallel fine wisps of po and py; uppper contact is gradational	B73444	848.28	849	0.72	0.863	AGAT_FAICP		
849.00	**853.71**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** green fine to med mod fol partly patchy AMPFW; strong fine to med am; very weak fine to med bio; weak to mod po as fol parallel wisps and little stringers; upper contact is gradational	B73445	849	850	1	0.938	AGAT_FAICP		
			B73447	850	851	1	0.671	AGAT_FAICP		
			B73448	851	852	1	0.66	AGAT_FAICP		
			B73449	852	853	1	0.488	AGAT_FAICP		
			B73450	853	853.71	0.71	0.436	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
853.71	**854.66**	**(MAM) Mottled Amphibolite, ( )** green to light grey to off-white banded moderately fol fine to med MAM; mod am as mm to 2.5cm thick foliaton paralallel bands; felsic off-white bands with am pobs; abund fol parallel bands of fine cpx up to 3cm in thickness; mod po mineralized as fol parallel wisps; upper contact is gradational	B73451	853.71	854.15	0.44	0.54	AGAT_FAICP		
			B73453	854.15	854.66	0.51	1.57	AGAT_FAICP		
854.66	**859.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol light grey FGS with qtz eyes; weak fine to med bio; weak dissem fine anh po; upper contact is sharp	B73454	854.66	855.5	0.84	0.661	AGAT_FAICP		
			B73455	855.5	856.5	1	1.27	AGAT_FAICP		
			B73456	856.5	857.5	1	0.771	AGAT_FAICP		
			B73457	857.5	858.5	1	0.201	AGAT_FAICP		
			B73459	858.5	859.24	0.74	0.404	AGAT_FAICP		
859.24	**860.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMPIN with two distinct sections; to 859.94 only weakly banded with rel homogeneous distribution of mod to strong fine to med am; below 859.96 rock well banded with am bands up to 1.2cm thick with med am and with am 'pobs' with melt texture; weak to mod fol parallel wisps of po; upper contact is sharp	B73460	859.24	860.18	0.94	0.381	AGAT_FAICP		
860.18	**863.78**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly to mod fol light grey FGS with qtz eyes; weak fine to med bio; weak dissem fine anh po; upper contact is sharp	B73461	860.18	861	0.82	0.594	AGAT_FAICP		
			B73462	861	862	1	0.171	AGAT_FAICP		
			B73463	862	863	1	0.609	AGAT_FAICP		
			B73464	863	863.75	0.75	0.317	AGAT_FAICP		
863.78	**868.35**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey weakly to mod fol FGS with a few patches of fine to med am up to a few cm in size; weak fine to med bio; weak fine dissem anh po; section of AMPIN from 866.36-866.54; section with weak to mod Ser (and lesser KFsp alteration) at 864.94-866.26 around a weak qtz stringer zone; upper contact is gradational	B73465	863.75	864.94	1.19	0.059	AGAT_FAICP		
			B73467	864.94	865.62	0.68	0.242	AGAT_FAICP		
			B73468	865.62	866.26	0.64	1.91	AGAT_FAICP		
			B73469	866.26	867.3	1.04	0.171	AGAT_FAICP		
			B73470	867.3	868.35	1.05	0.05	AGAT_FAICP		
868.35	**869.21**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to coarse greenish grey weakly to mod fol banded AMPIN; melt texture with med to coarse am 'pobs' at the margins of the interval; mod med to coarse am; weak fine to med bio; weak to mod fol parallel wisps of po; upper contact gradational	B73471	868.35	869.21	0.86	0.109	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
869.21	**871.82**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73473	869.21	870.2	0.99	0.024	AGAT_FAICP		
fine to med light grey weakly to mod fol FGS with a few patches of fine to med am up to a few cm in size; weak fine to med bio; weak fine dissem anh po; upper contact sharp			B73474	870.2	871	0.8	0.032	AGAT_FAICP		
			B73475	871	871.82	0.82	0.046	AGAT_FAICP		
871.82	**873.32**	**(AMP) Amphibolite, ( )**	B73476	871.82	872.55	0.73	0.38	AGAT_FAICP		
Prosable AMPFW. Weak banding. Localized coarse grained clinopyroxene crystals.			B73477	872.55	873.32	0.77	0.272	AGAT_FAICP		
873.32	**898.64**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73479	873.32	874	0.68	0.148	AGAT_FAICP		
Localized sections with varying grain size and foliation intensity. Localized sections with coarse amphibole porphyroblast and depleation halos. Localized 1-3 cm thick quartz pegmatites.			B73480	874	875	1	0.461	AGAT_FAICP		
			B73481	875	876	1	0.038	AGAT_FAICP		
			B73482	876	877	1	0.18	AGAT_FAICP		
			B73483	877	878	1	0.217	AGAT_FAICP		
			B73484	878	879	1	0.122	AGAT_FAICP		
			B73485	879	880	1	0.076	AGAT_FAICP		
			B73487	880	881	1	0.065	AGAT_FAICP		
			B73488	881	882	1	0.153	AGAT_FAICP		
			B73489	882	883	1	0.153	AGAT_FAICP		
			B73490	883	884	1	0.422	AGAT_FAICP		
			B73491	884	885	1	0.363	AGAT_FAICP		
			B73493	885	886	1	0.628	AGAT_FAICP		
			B73494	886	887	1	0.415	AGAT_FAICP		
			B73495	887	888	1	0.372	AGAT_FAICP		
			B73496	888	889	1	0.446	AGAT_FAICP		
			B73497	889	890	1	0.491	AGAT_FAICP		
			B73499	890	891	1	0.7	AGAT_FAICP		
			B73500	891	892	1	0.78	AGAT_FAICP		
			B73501	892	893	1	0.652	AGAT_FAICP		
			B73502	893	894	1	0.341	AGAT_FAICP		
			B73503	894	895	1	0.309	AGAT_FAICP		
			B73504	895	896	1	0.124	AGAT_FAICP		
			B73505	896	897	1	0.164	AGAT_FAICP		
			B73507	897	898	1	0.253	AGAT_FAICP		
			B73508	898	898.64	0.64	0.123	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
898.64	**902.84**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73509	898.64	900	1.36	0.081	AGAT_FAICP		
Abundand sections with varying biotite and/or amphibole percentage. Localized bands of coarse grained amphibole porphyroblasts and depleation halos. 18 cm thick quartz pegmatite at upper unit contact.			B73510	900	901	1	0.169	AGAT_FAICP		
			B73511	901	902	1	0.021	AGAT_FAICP		
			B73513	902	902.84	0.84	0.059	AGAT_FAICP		
902.84	**904.36**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73514	902.84	903.5	0.66	0.02	AGAT_FAICP		
Unit is possilbe DIO. Relativly homogenous unit. Section of granitic pegmatite at 903.81-904.00m. Gradational contacts.			B73515	903.5	904.36	0.86	0.009	AGAT_FAICP		
904.36	**910.24**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73516	904.36	905	0.64	0.015	AGAT_FAICP		
Fine to medium grained FGS with abundant bands of coarse grained amphibole porphyroblasts with depleation halso. Localized 1-5 cm thick pegmatite sections.			B73517	905	906	1	0.015	AGAT_FAICP		
			B73519	906	907	1	0.014	AGAT_FAICP		
			B73520	907	908	1	0.017	AGAT_FAICP		
			B73521	908	909	1	0.015	AGAT_FAICP		
			B73522	909	910.24	1.24	0.011	AGAT_FAICP		
910.24	**910.80**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73523	910.24	910.8	0.56	0.006	AGAT_FAICP		
Abundant selevages of FGS. Unit is possibly folded or in a fold hinge.										
910.80	**922.52**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73524	910.8	912	1.2	0.01	AGAT_FAICP		
Localized sectionc with varying graine size and biotite/amphibole percentage. Higher mafic content compared to surrounding FGS units. Localized 1-2 cm thick pegmatites. Localized coarse grained amphibole prophyroblasts with depleation halos.			B73525	912	913	1	0.037	AGAT_FAICP		
			B73527	913	914	1	0.016	AGAT_FAICP		
			B73528	914	915	1	0.018	AGAT_FAICP		
			B73529	915	916	1	0.036	AGAT_FAICP		
			B73530	916	917	1	0.034	AGAT_FAICP		
			B73531	917	918	1	0.071	AGAT_FAICP		
			B73533	918	919	1	0.083	AGAT_FAICP		
			B73534	919	920	1	0.101	AGAT_FAICP		
			B73535	920	921	1	2.99	AGAT_FAICP		
			B73536	921	922	1	0.063	AGAT_FAICP		
			B73537	922	922.52	0.52	0.053	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
922.52	**940.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. Localized bands of coarse grained amphibole porphyroblasts with depleation halos. Localized 1-5 cm thick quartz pegmatites. Section of quartz rich pegmatite at 929.86-930.14m.	B73539	922.52	923	0.48	0.021	AGAT_FAICP		
			B73540	923	924	1	0.018	AGAT_FAICP		
			B73541	924	925	1	0.016	AGAT_FAICP		
			B73542	925	926	1	0.012	AGAT_FAICP		
			B73543	926	927	1	0.017	AGAT_FAICP		
			B73544	927	928	1	0.008	AGAT_FAICP		
			B73545	928	929	1	0.01	AGAT_FAICP		
			B73547	929	929.75	0.75	0.009	AGAT_FAICP		
			B73548	929.75	930.25	0.5	0.005	AGAT_FAICP		
			B73549	930.25	931	0.75	0.015	AGAT_FAICP		
			B73550	931	932	1	0.027	AGAT_FAICP		
			B73551	932	933	1	0.008	AGAT_FAICP		
			B73553	933	934	1	0.005	AGAT_FAICP		
			B73554	934	935	1	0.009	AGAT_FAICP		
			B73555	935	936	1	0.014	AGAT_FAICP		
			B73556	936	937	1	0.021	AGAT_FAICP		
			B73557	937	938	1	0.024	AGAT_FAICP		
			B73559	938	939	1	0.025	AGAT_FAICP		
			B73560	939	940.25	1.25	0.012	AGAT_FAICP		
940.25	**941.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Alkalic dike.	B73561	940.25	941.25	1	0.002	AGAT_FAICP		
941.25	**944.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine-mediumg rained FGS with abundant bands of coarse grained amphibole porphyroblasts with depleation haols. Localized patches of coarse grained clinopyroxene crystals.	B73562	941.25	942	0.75	0.005	AGAT_FAICP		
			B73563	942	943	1	0.008	AGAT_FAICP		
			B73564	943	944	1	0.018	AGAT_FAICP		
			B73565	944	944.7	0.7	0.032	AGAT_FAICP		
944.70	**947.18**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenorysts within a fine-medium grained; biotite rich; felsic matrix.	B73567	944.7	946	1.3	0.005	AGAT_FAICP		
			B73568	946	947.18	1.18	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
947.18	**948.01**	**(FGS) Felsic Gneiss Sedimentary, ( )** Abundant bands with varying grain size and biotite percentage. Localized bands of coarse grained amphibole porphyroblasts with depleation halos.	B73569	947.18	948.01	0.83	0.022	AGAT_FAICP		
948.01	**948.98**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenorysts within a medium grained; biotite and amphibole rich; felsic matrix. Unit is possible DIO.	B73570	948.01	948.98	0.97	0.004	AGAT_FAICP		
948.98	**949.63**	**(FGS) Felsic Gneiss Sedimentary, ( )** Abundant biotite rich bands. Localized 1-2 cm thick pegmatites.	B73571	948.98	949.63	0.65	0.013	AGAT_FAICP		
949.63	**951.81**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenorysts within a medium grained; biotite and amphibole rich; felsic matrix. Unit is possible DIO.	B73573	949.63	951	1.37	0.003	AGAT_FAICP		
			B73574	951	951.81	0.81	0.006	AGAT_FAICP		
951.81	**952.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with coarse grained amphibole porphyroblasts with depleation halos.	B73575	951.81	952.83	1.02	0.018	AGAT_FAICP		
952.83	**956.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenorysts within a medium grained; biotite and amphibole rich; felsic matrix. Unit is possible DIO.	B73576	952.83	954	1.17	0.016	AGAT_FAICP		
			B73577	954	955	1	0.028	AGAT_FAICP		
			B73579	955	956.3	1.3	0.008	AGAT_FAICP		
956.30	**971.69**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size and biotite/amphibole percentage. Localized bands of coarse grained amphibole porphyroblasts with depleation halos.	B73580	956.3	957	0.7	0.044	AGAT_FAICP		
			B73581	957	958	1	0.097	AGAT_FAICP		
			B73582	958	959	1	0.041	AGAT_FAICP		
			B73583	959	960.1	1.1	0.031	AGAT_FAICP		
			B73584	960.1	961	0.9	0.014	AGAT_FAICP		
			B73585	961	962	1	0.018	AGAT_FAICP		
			B73587	962	963.2	1.2	0.028	AGAT_FAICP		
			B73588	963.2	964	0.8	0.02	AGAT_FAICP		
			B73589	964	965	1	0.018	AGAT_FAICP		
			B73590	965	966	1	0.011	AGAT_FAICP		
			B73591	966	967	1	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B73593	967	968	1	0.013	AGAT_FAICP		
			B73594	968	969	1	0.019	AGAT_FAICP		
			B73595	969	970	1	0.017	AGAT_FAICP		
			B73596	970	971	1	0.014	AGAT_FAICP		
			B73597	971	971.69	0.69	0.011	AGAT_FAICP		
971.69	**972.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73599	971.69	972.65	0.96	0.006	AGAT_FAICP		
Alkalic dike.										
972.65	**984.38**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73600	972.65	974	1.35	0.012	AGAT_FAICP		
Abundant sections with medium-coarse grained; subhedral; quartz-feldspar phenorysts within a medium grained; biotite and amphibole rich; felsic matrix. Unit is possible DIO.			B73601	974	975	1	0.019	AGAT_FAICP		
			B73602	975	976	1	0.012	AGAT_FAICP		
			B73603	976	977	1	0.006	AGAT_FAICP		
			B73604	977	978	1	0.011	AGAT_FAICP		
			B73605	978	979	1	0.017	AGAT_FAICP		
			B73607	979	980	1	0.009	AGAT_FAICP		
			B73608	980	981	1	0.005	AGAT_FAICP		
			B73609	981	982	1	0.004	AGAT_FAICP		
			B73610	982	983	1	0.005	AGAT_FAICP		
			B73611	983	984.38	1.38	0.009	AGAT_FAICP		
984.38	**990.12**	**(DIO) Diorite, ( )**	B73613	984.38	985	0.62	0.01	AGAT_FAICP		
Medium-coarse grained; subhedral; quartz-feldspar phenorysts within a medium grained; biotite rich; felsic matrix. Unit is possible QFP.			B73614	985	986	1	0.017	AGAT_FAICP		
			B73615	986	987	1	0.008	AGAT_FAICP		
			B73616	987	988	1	0.007	AGAT_FAICP		
			B73617	988	989	1	0.004	AGAT_FAICP		
			B73619	989	990.12	1.12	0.009	AGAT_FAICP		
990.12	**1002.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73620	990.12	991	0.88	0.01	AGAT_FAICP		
Localized sections with varying grain size and biotite/amphibole percentage. Localized bands of coarse grained amphibole porphyroblasts with depleation halos. EOH=1002.00m.			B73621	991	992	1	0.02	AGAT_FAICP		
			B73622	992	993	1	0.016	AGAT_FAICP		
			B73623	993	994	1	0.026	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B73624	994	995	1	0.06	AGAT_FAICP		
			B73625	995	996	1	0.087	AGAT_FAICP		
			B73627	996	997	1	0.037	AGAT_FAICP		
			B73628	997	998	1	0.044	AGAT_FAICP		
			B73629	998	999	1	0.105	AGAT_FAICP		
			B73630	999	1000	1	0.029	AGAT_FAICP		
			B73631	1000	1001	1	0.023	AGAT_FAICP		
			B73633	1001	1002	1	0.036	AGAT_FAICP		Last Sample.

Newmont

Geological Description with Assays

Hole ID : **BL19-01070A**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	15.006	Easting :	333403.9292	Logged By :	William.Gerber
Dip :	-77.239	Northing :	5302757.018	Logged By 2 :	
Length :	135	Elevation :	434.0007	Log Start :	27-Jan-2019
Drill Start :	22-Jan-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	31-Jan-2019
Drill Completed :	28-Jan-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Full hexagonal stabilization. Oriented core (TruCore). Hole abandonned at 135m due to unexpected wrong deviation despite perfect drill alignment; first tests show trace getting very close from BL18-01058. BL19-01070A drilled on same set-up slightly steeper to anticipate similar deviation. Spot sampled on QzPyPoV in HW; good D1 fabric structural measurements; no sulphide rich intervals.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**21.70**	**(OB) Overburden, ( )**								
22m NW casing. Small boulder fragment of UMD.										
21.70	**25.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Historically logged as DIO; but more likely a mg FGS-Amp. Medium grey; locally pink; moderately foliated; fg-mg matrix (Qz+4%Bt+4%Amp+0.25% Py as diss. blebs) with common mg Qz+Amp porphyroclasts+Fp (weakly K-altered). Some thin KFp-Ser-altered haloes around Qz veinlets and strong green veinlets (possibly Cb) // S1 . Some thin interbedded AMP bands (<6cm wide) // S1; as part of compositional layering S0 strongly transposed // S1; rare thin PEG veinlets // S1. Upper 20cm are KFp-Ser-altered (pink and light brown); 25.03-25.52m interval is strongly KFp-altered as halo around Qz-Cb veinlets sub// S1.										
25.30	**42.67**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B73073	36.22	37.22	1	0.043	AGAT_FAICP		
FGS has almost no Amp compared to unit above. FGS is medium grey; moderately foliated; mostly fg with some mg and cg levels (20cm wide cg level // S1 at 33.78m); several thin			B73074	37.22	37.77	0.55	0.031	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		PEG veins (<10cm thick; sub// S1; boudinaged and locally folded (ptygmatic folds at 37.22m); some thin salmon pink levels as KFp-altered haloes around Qz-Cb veinlets oblique or sub // S1 or at very low angle tca. Local Qz veinlets sub // S1; small QV1 (smokey grey Qz; 3% Py+Po; // S1) from 41.74 to 41.81m. Rare levels with 1-2% Amp (compositional layering S0). 0.25 to 0.5% Py as diss. blebs. Upper contact from FGS-Amp is progressive and // S1.	B73075	37.77	38.6	0.83	0.087	AGAT_FAICP		
			B73076	38.6	39.6	1	0.029	AGAT_FAICP		
			B73077	39.6	40.6	1	0.101	AGAT_FAICP		
			B73079	40.6	41.6	1	0.082	AGAT_FAICP		
			B73080	41.6	41.9	0.3	0.114	AGAT_FAICP		
			B73081	41.9	42.67	0.77	0.072	AGAT_FAICP		
42.67	**43.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS Qz Eyes level within FGS interval; as part of compositional layering. Progressive contacts // S1.	B73082	42.67	43.24	0.57	0.02	AGAT_FAICP		
43.24	**46.82**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS has stronger foliation than surrounding FGS intervals; moderately banded (compositional layering // S1); medium to dark grey; with greenish bands (Amp-rich); thin Qz+\-Fp veinlets // S1; mostly fg; few QzFp veinlets (<6cm thick) sub // S1 and boudinaged. Some thin redish KFp-altered haloes around late Qz-Cb veinlets.	B73083	43.24	44.24	1	0.091	AGAT_FAICP		
			B73084	44.24	45.24	1	0.173	AGAT_FAICP		
			B73085	45.24	46.24	1	0.026	AGAT_FAICP		
46.82	**47.22**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** True granitic PEG; massive; vcg; pegmatitic texture; light grey Qz + pink KFp; sub // S1.								
47.22	**50.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS fg-mg interval; medium to dark grey; moderately foliated; some thin Amp-richer bands // S1; some thin redish KFp-altered haloes around late Qz-Cb veinlets; lower 30cm are strongly KFp-altered with a possible UM dykelet // S1 (pale green) in center.								
50.60	**51.34**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Small AMP-interm. level; dark green with felsic component; redish (weakly KFp-altered); some medium green clots and bands (possibel Cpx?). Tr. Py. Upper and lower contacts are divergent; possibly F1-folded.								
51.34	**60.28**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** Continuity of FGS +/- Amp sequence uphole; medium-dark grey; with 1-2% Amp // S1; locally as bands // S1. 5% PEG-GR as dykelets (<11cm thick) // S1. Some redish KFp-altered levels as haloes around Qz-Cb veinlets (ie. 54.17-55m). Tr. to 0.25% Py as diss. blebs.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

60.28 61.32 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, ( )

55% PEG-GR with 45% FGS wall-rock. PEG veins are massive; vcg-cg; Qz+KFp; pegmatitic; mostly opened at high angle to S1 so more likely tension gashes (upper contact is sub // S1 though). FGS is foliated and passively folded against PEG gashes.

61.32 64.00 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS +/- Amp sequence uphole; medium to dark grey; fg-mg; moderately foliated; some Amp-rich thin bands // S1 (<4cm thick); some thin QzFp veinlets and PEG-GR dykelets (<10cm thick; sub// S1). Tr. Py. At 62.23m tight F1 fold affecting a 1-2cm thick QzFp veinlet (see structures). Rare late Cb veinlet.

64.00 65.36 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS sequence but with very common Qz-Eyes texture. Medium grey; also pink (weak kFp-alteration); moderately foliated; fg-mg matrix with cg Qz porphyroclasts.

65.36 66.32 (FGS) Felsic Gneiss Sedimentary, ( )

Similar FGS-Amp as 21.7-25.3m (possibly duplicated by F1 fold?); medium grey; sligtly pink (KFp); 2-5% Amp // S1. rare Cb veinlets; rare QzFp veinlets.

66.32 70.14 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS Qz Eyes interva; medium grey; slightly pin k(KFp); fg-mg matrix with cg Qz porphyroclasts; moderately foliated; some PEG-GR dykelets sub // S1 (20cm wide at 69.3m) and some QzFp veinlets.

70.14 71.60 (UMD) UM\LAMP Dike, ( )

UMD Lamp dyke within FGS; black/dark grey; moderately magnetic; massive; vfg-fg mesostase with fg-mg Cb. Selvages are green (altered). Lower contact is irregular.

71.60 80.87 (FGS) Felsic Gneiss Sedimentary, ( )

FGS Qz Eyes; medium grey; locally slightly pink (weak KFp alteration); moderately foliated; moderate stretching lineation outlined by elongated Qz porphyroclasts and Bt on S1 (see structures). Few thin QzFp veins sub // S1 and boudinaged. 6cm thick QzPyPo veinlet at 76.5m (F1-folded). 10cm wide Amp-rich level (// S1; convergent contacts suggest a probable tight F1 fold) near lower contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

80.87 81.35 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG-GR dyke; pink KFp and medium grey Qz; massive; cg-vcg; sub // S1 (upper contact is irregular; probably boudinaged); tr. Py.

81.35 87.60 (FGS) Felsic Gneiss Sedimentary, ( )

FGS Qz-Eyes; medium grey; locally pink (KFp-altered haloes around late Qz-Cb veinlets); some thin PEG-GR dykelets (up to 21cm thick) and Qz-Fp veinlets sub // S1. Rare thin AMP band // S1 (compositional layering). Tr. Py.

87.60 87.98 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS-Amp similar to 65.36-66.32m and 21.7-25.3m intervals (possibly duplicated by F1 folds?); unit transposed // S1; medium grey; sligtly pink (KFp); 2-5% green Amp // S1. Rare Cb veinlets; rare QzFp veinlets.

87.98 88.55 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes interval.

88.55 88.85 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG-GR; pegmatitic; massive; vcg; light grey Qz + pink KFp; sub // S1.

88.85 90.13 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes interval. Rare thin PEG dykelet sub // S1.

90.13 91.69 (FGS) Felsic Gneiss Sedimentary, ( )

FGS-Amp similar to 87.6-87.98m; 65.36-66.32m and 21.7-25.3m intervals (possibly duplicated by F1 folds?). Medium/dark grey; sligtly pink (KFp); greenish (2-5% Amp // S1). Rare Cb veinlets; rare QzFp veinlets. Lower contact is tightly F1-folded against small FGS sleever (see structures).

91.69 92.05 (FGS) Felsic Gneiss Sedimentary, ( )

Small sleever of FGS tightly F1-folded between two FGS-Amp intervals. Upper and lower contacts are convergent and tightly F1-folded with opposite fold asymmetry (upper fold shows top to the NE vergence; lower contact shows a top to the SW vergence; suggesting a

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

decimetric F1 synform; see structures and picture 2059 to 2065).

92.05 92.39 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS-Amp interval; similar to 90.13-91.69m; 87.6-87.98m; 65.36-66.32m and 21.7-25.3m intervals. This interval is the lower limb of a probable F1 synform (upper limb = 90.13-91.69m; see structures). Small QzFp veinlet F1-folded as well. Lower contact with FGS-Qz Eyes is F1-folded (see structures).

92.39 106.64 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

FGS with diffuse levels of Qz-Eyes texture; medium grey; locally pink (KFp-altered intervals such as 98.95-99.28m); fg to cg (compositional layering); moderately foliated; moderately stretched (Qz+Bt; see structures). tr. Py; 10% PEG-GR and PEG-QZ as multiple small veins/dykes // S1 (cg-vcg; massive; Qz+KFp+tr.Py; <14cm thick) and irregular bands // S1 reminding migmatitic texture. Local thin Amp-rich levels // S0-S1 transposed fabric. 1-2cm thick Qz tension gash at 105.1m (see structures + pictures 2068-69). Local tight F1 folds affecting S0 compositional layering and Qz veinlets.

106.64 107.88 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Intermediate AMP sub // S0-S1; dark green (Amp +/- chloritized); grey (Qz); 5% Bt; moderately to strongly foliated; fg-mg; thin redish KFp-altered haloes around Qz-Cb veinets // S1. Tr. Py.

107.88 126.93 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

Continuity of FGS Qz Eyes interval uphole; with 5% PEG-GR as small veins/dykelets (<20cm wide) mostly sub // S1; locally F1-folded and pinched. FGS is medium grey; locally pink (weak KFp altered haloes around late Qz-Cb veinlets); with some Amp-rich masses // S1 (compositional layering S0) and diss. Amp throughout. Moderately foliated; fg to cg (Qz Eyes). At 110.76m a 1-2cm thick QzFp veinlet is tightly F1 folded (M fold with multiple parasitic folds on each limbs; ptygmatic folds?; S1 is axial planar; see structures and pictures 2070-71); other local F1 folds affecting QzFp veinlets and S0 compositional layering. Tr. to 0.5% Py throughout. 16cm thick QzPyFp at 119.94m.

126.93 127.31 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Small UMD within FGS; kaki green/grey; massive; weakly magnetic; massive; at low angle to S1.

127.31 134.30 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes interval uphole. Rare QzFp veinlets; some late QzCb veinlets oblique to S1 (locally at very low angle tca) with thin redish KFp-altered haloes.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
134.30	**135.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP intermediate; dark grey and grey; fg-mg; moderately foliated; upper contact is slightly wavy (probably F1 folded). Hole abandonned due to unexpected deviation. EOH = 135m.								

Hole ID : **BL19-01071**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	182.981	Easting :	331718.5767	Logged By :	Brad.Clarke
Dip :	-80.182	Northing :	5303368.922	Logged By 2 :	Daniel.Rafuse
Length :	471	Elevation :	436.9142	Log Start :	9-Feb-2019
Drill Start :	6-Feb-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	19-Feb-2019
Drill Completed :	13-Feb-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Feb. 9; 2019. Block error at 39m; extra 39m block inserted. Density of veining is elevated between 410-450m; which is spatially associated with GBFG. Sulfide mineralization is dominated by Po with minor Py and Cpy; and is elevated in intervals of elevated vein density. A prospective zone could not be identified. Single hex stabilization used.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**2.26**	**(OB) Overburden, ( )**								
Overburden consists of coarse grained FGS and Amphibolite clasts.										
2.26	**10.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS has a coarse dioritic fabric with ocassional quartz eyes. Numerous moderate angled veinlets carrying moderate potassic alteration. Background amphibole content is weak but observable. Biotite trends with weak to moderate foliation.										
10.90	**12.32**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Lamprophyric dyke with vesicles and carbonate xenoliths.										
12.32	**28.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Coarse grained FGS with numerous quartz eyes throughout. Weak potassic alteration via										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

veinlets at moderate angle to core axis. Moderate foliation fabric. Weak sulphide content. Short amphibolite contained 19.20 - 19.40 with an upper alpha of 72 and a lower alpha of 76.

28.60 46.59 (DIO) Diorite, ( )

Moderate to strong dioritic/porphyritic texture with thin sections of fine grained materials as well as thin amphibolite bands. Unit could be an FGS as coarse texture is inconsistent. Numerous stringers carrying moderate potassic alteration throughout. Back ground amphibole content varies ranging from 0.5 - 4.0%. Very low sulphide content with pyrite as the dominant species. Thin lamprophyre contained at 42.08 - 42.10m.

46.59 69.20 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium weakly foliated grey FGS with coarse sub-anhedral plag phenocyrsts. Previously logged as DIO in many holes. Pervasive veinlets with weak to moderate alteration halos. Vugs are pervasive in minor amounts. Pervasive small 1-4cm grey barren discordant QVs (1% of core). Trace disseminated Py crystals and thin aggregates along foliation. Rare 0.5cm massive Py veinlets observed.

69.20 69.50 (AMP) Amphibolite, ( )

AMP unit within FGS package with sharp contacts. Unit is composed of equal parts bio AMP and plag. Trace disseminated Py.

69.50 78.10 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium weakly foliated grey FGS with coarse sub-anhedral plag phenocyrsts. Pervasive veinlets with weak to moderate alteration halos. Vugs are pervasive in minor amounts. Pervasive small ~1cm grey barren discordant QVs. Trace disseminated Py crystals and thin aggregates along foliation.

78.10 79.50 (AMP) Amphibolite, ( )

AMP unit within FGS package with sharp contacts. Upper contact is blocky thus alpha angle is not measureable. Unit is composed of equal parts bio AMP and plag. Trace disseminated Py.

79.50 81.80 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium weakly foliated grey FGS with coarse sub-anhedral plag phenocyrsts. Pervasive veinlets with weak to moderate alteration halos. Vugs are pervasive in minor amounts. Trace disseminated Py crystals and thin aggregates along foliation.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

81.80 82.20 (AMP) Amphibolite, ( )

AMP unit within FGS package with sharp contacts. Unit is composed of equal parts bio AMP and plag. Trace disseminated Py.

82.20 113.45 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weak to moderately foliated porhpryritic FGS. Medium to coarse grained plag phenocrysts within a fine to medium grained biotite plag qtz matirx. Minor pyrite and vugs locally throughout section. Several small veinlets with weak to moderate K alteration halos. Several small discordant QV with coarse Py aggregates observed.

113.45 117.18 (AMP) Amphibolite, ( )

Fine to medium grained weak to moderately foliated AMP. Blocky rock. Numerous very small qtz veinlets. Minor Py throughout as disseminations and aggregates along foliations and contacts.

117.18 117.60 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weak to moderately foliated porhpryritic FGS. Medium to coarse grained plag phenocrysts within a fine to medium grained biotite plag qtz matirx. Minor pyrite.

117.60 118.40 (AMP) Amphibolite, ( )

Fine to medium grained weak to moderately foliated AMP. Blocky rock. Numerous very small qtz veinlets. Minor Py throughout as disseminations and aggregates along foliations and contacts.

118.40 119.00 (QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated

Large grey low angle QV with abundant Pyrite aggregates within the undulating vein.

119.00 128.60 (AMP) Amphibolite, ( )

Fine to medium grained weak to moderately foliated AMP. Blocky rock. Minor Py throughout as disseminations and aggregates along foliations and contacts. Sharp lower contact and low angle upper contact with the low angle QV. One 10cm white QV at 127m.

128.60 131.45 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained FGS with coarse grained phenocrysts. Trace Py. Sharp upper and lower contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

131.45 131.95 (QFP) Quartz Feldspar Porphyry, ( )

QFP unit with large round Plag phenocrysts within a grey fine to medium grained matrix. Little to no foliation. Sharp contacts and trace Py.

131.95 133.30 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained FGS with coarse grained phenocrysts. Trace Py. Sharp upper and lower contact.

133.30 134.72 (QFP) Quartz Feldspar Porphyry, ( )

QFP unit with large round Plag phenocrysts within a grey fine to medium grained matrix. Little to no foliation. Sharp contacts and trace Py

134.72 138.00 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained FGS with strong coarse grained qtz eye texture throughout. Very weak foliation. Trace Py.

138.00 161.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained FGS with coarse plag phenocrysts and weak to very weak foliaton. Weak K alterations halos observed locally which lack biotite. Weak K alteration halos associated with small randomly oriented veinlets. Trace sulfides. Two small white QVs within the whole section. Locally vuggy.

161.00 167.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained black LAMP with numerous carb viens and small xienoliths. No sulfides.

167.30 178.05 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly foliated FGS with coarse plag subhedral phenocrysts. Trace Py. Numerous random vienlets with small K alteration hals.

178.05 178.45 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained dark grey black LAMP wit xienoliths.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

178.45 179.23 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly foliated FGS with coarse plag subhedral phenocrysts. Trace Py. Numerous random vienlets with small K alteration halos.

179.23 179.69 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained black dark grey LAMP with xienoliths and minor amounts of carb veins.

179.69 186.86 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly foliated FGS with coarse plag subhedral phenocrysts. Trace Py. Numerous random vienlets with small K alteration halos. Several larger white QVs have more moderate K alteration halos and also contain minor amounts of specular hematite.

186.86 191.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained weak to moderately foliated FGS with compositional banding locally where qtz content increases slightly. Py as disseminated crystals and thin aggregates along foliations unevenly distributed. Sharp gradual transition to the adjacent porphryritic FGS units.

191.00 201.50 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with coarse plag phenocrysts. Abundance of phenocyrsts and grain size of the matrix varies slightly resulting in weak banding. Vugs observed locally throughout. Small patches/aggregates of amohiboles present locally as well. Large and small alteration halos are found throughout the unit where small white QVS are observed. One of the white QVs contains specular hematite.

201.50 202.40 (AMP) Amphibolite, ( )

Fine grained weakly foliated AMP consisting of plag and AMP with trace biotite. No sulfides.

202.40 203.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly foliated FGS with weak qtz eye texture. Trace diss Py. Several small QVs and one 8cm QV with a weak to moderate K alteration halo.

203.90 204.43 (AMPG) Amphibole Felsic Gneiss, ( )

Medium grained AMPG with coarse AMP porphryoblasts. No sulfides observed. Shape of porphryoblasts show an apparent dextral strain.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

204.43 204.59 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Coarse to very coarse PEG with lots of AMP Py within and coarse biotite and AMP aggregates along contacts. Weak K alteration observed as Kspar.

204.59 207.42 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weak to moderately foliated FGS with coarse Plag phenocrysts. Abundance and size of phenocrysts varies slightly. Small veinlets with alteration halo observed locally. Gradational lower contact. Trace Py.

207.42 208.20 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained weak to moderately foliated FGS with local aggregates and patches of coarse Py. Gradational contacts.

208.20 217.56 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with coarse plag phenocrysts. Abundance of phenocyrsts and grain size of the matrix varies slightly. Vugs observed locally throughout. Small sparse patches/aggregates of amphiboles observed within the matrix Trace diss Py. Numerous veinlets with small K alteration halos.

217.56 218.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained FGS with irregular folded? contacts between two compositional variations of FGS. Moderately magnetic. Few small Qtz stringers. Sharpe upper and lower contacts.

218.00 225.85 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained FGS with coarse qtz phenocrysts (qtz eye texture). Weak foliation. Weak K alteration halos associated with small veinlets. Trace diss Py.

225.85 227.66 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weak to moderately foliated FGS with coarse plag phenocrysts. Trace Py. Sharp upper contact and gradual lower contact.

227.66 236.16 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with local vugs and varying amount of cubic pyrite from 0.5-5%. Areas with increased Py often have increased vugs. Sharp lower contact and gradual upper contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

236.16 240.20 (AMPG) Amphibole Felsic Gneiss, ( )

Medium to coarse grained foliated AMPG with coarse grained AMP porphryoblast. Larger porphryoblasts are round and show symmetrical strain shadow. Smaller AMP crystals show asymmetric form indicating apparent synistral movement. Several thin to thick bands on FGS are observed within the middle of unit with sharp contacts. Foliation decreases near the bottom contact as epidote alteration and vugs increase. One massive Py vien 1cm thick is observed at 238.7m.

240.20 247.15 (AMP) Amphibolite, ( )

Fine grained moderately foliated AMP with trace Py. Slight banding as plag content varies slightly.

247.15 255.80 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with coarse grained subhedral plag phenocrysts. Trace Py as disseminations and thin aggregates along foliations.

255.80 256.23 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated intermediate AMP with ample cubic Py.

256.23 258.16 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with coarse grained subhedral plag phenocrysts. Trace Py as disseminations and thin aggregates along foliations.

258.16 259.23 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained black LAMP with thin carb veins and xienoliths.

259.23 265.14 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with coarse grained subhedral plag phenocrysts. Trace Py as disseminations and thin aggregates along foliations. Locally weak Qtz eye texture.

265.14 266.17 (UM) Ultramafic, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Very green fine grained ultramafic dyke. Several irregular carb veins. Compositional banding. FGS contacts show moderate K alteration. No sulfides.								
266.17	**270.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated FGS with plag phenocrysts and trace diss Py within matrix. Grain size varies slightly throughout section and lower contact is gradual over ~20cm.								
270.10	**276.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated FGS with plag phenocrysts and trace diss Py within matrix. Grain size varies slightly throughout section. Minor Py cubes diss throughout.								
276.30	**277.92**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained FGS with coarse Qtz eye texture and trace Py. One ~3cm tension gash clear QV obserserve near parallel to core axis betweem 276.43 to 277.1m.								
277.92	**279.47**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated FGS with trace Py. Grain size varies slightly and plag phenocrysts are observed locally.								
279.47	**279.90**	**(AMP) Amphibolite, ( )**								
		Fine grained foliated AMP with deformed AMP phenocrysts. Trace Sulfides. Small QF vein at lower contact.								
279.90	**284.53**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained foliated FGS with plag phenocrysts. Several small QVs. Trace diss Py. Gradual contact with lower unit.								
284.53	**285.72**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Large Augen PEG clasts? boundins? melts? which increases to become irregular patchies and eventually massive coarse PEG vein. Lower contact is gradual but short (10cm). Trace Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
285.72	**295.51**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained strong to moderately foliated FGS with trace diss Py. Several small PEG patches and veins observed. Sharp lower contact. Slight compositional variation forms gradational banding.								
295.51	**296.50**	**(QFP) Quartz Feldspar Porphyry, ( )** Porphryritic QFP unit with sharp contacts. Red/pink K alteration throughout the section as a result of an alteration halo from a 10cm PEG vein within the QFP unit.								
296.50	**305.84**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with trace Py and weak qtz eye texture locally. Several small QVs and PEG viens. Grain size varies slightly.	A73841	300	301	1	0.019	AGAT_FAICP		
			A73842	301	302	1	0.024	AGAT_FAICP		
			A73843	302	303	1	0.007	AGAT_FAICP		
			A73844	303	304	1	0.011	AGAT_FAICP		
			A73845	304	305	1	0.015	AGAT_FAICP		
			A73847	305	305.84	0.84	0.081	AGAT_FAICP		
305.84	**306.12**	**(AMP) Amphibolite, ( )** Fine to medium strong to moderately foliated AMP with trace Py and sharp contacts.	A73848	305.84	306.24	0.4	0.02	AGAT_FAICP		
306.12	**309.82**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS. Fine grained. Grey with minor pink tint; locally strong in vein halos. Weakly foliated throughout. Minor biotite throughout; dissem; <1mm euhed xls. Weak pervasive K alt; locally strong in vein halos and in rare qz flooded zones. Locally strong silicification; rare. Trace dissem Py throughout; locally 1% over 30cm; <1mm subhedral xls. Rare qz-cb veins; <3mm; planar; high angle tca; with K-rich pink haols. Rare beige/pink qz flooded zones; diffuse margins; dm scale. Competent core. Occasional hornlende-rich green amphibolite zones; <10cm; moderate foliation; weak margins. Foliation is most pronounced in amp zones.	A73849	306.24	307	0.76	0.009	AGAT_FAICP		
			A73850	307	308	1	0.033	AGAT_FAICP		
			A73851	308	309	1	0.038	AGAT_FAICP		
			A73853	309	309.82	0.82	0.055	AGAT_FAICP		
309.82	**311.28**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP. Grey-green fine grained matrix with 25% qz-Kspar porphs; <1cm; elongate parallel to foliation. Approx 10% biot; locally elevated and more coarse (max 15%); organized into weak foliation; <2mm subhedral xls. Trace Py; organized into elongate aggs parallel to foliation; sub to euhedral xls; <1mm. Approx 10% veining; comprises discrete cm scale veins; up to 20cm; translucent white qz with occ cm scale Kspar/amp xenoliths; trace sulfides: subhedral dissem Py and rare sphalerite; occ vugs hosting euhedral Py. Weakly foliated overall.	A73854	309.82	310.53	0.71	0.061	AGAT_FAICP		
			A73855	310.53	311.28	0.75	0.089	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
311.28	**316.55**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73856	311.28	312	0.72	0.048	AGAT_FAICP		
FGS. Grey-pink. Fine porphyritic texture. ~20% pale pink qz-Kspar porphs; subround; <5mm. Fine to medium grained grey groundmass with 10-15% dissem biot; <2mm; euhedral. Patchy pink K alteration; trace to locally strong in vein and breccia halos. Ultra trace Py; dissem; <1mm; subhedral. Occasional minor qz-cb veinlets; <3mm; mild brittle deformation; strong K alt halos. Weakly foliated; defined by aligned biotite.			A73857	312	313	1	0.031	AGAT_FAICP		
			A73859	313	314	1	0.008	AGAT_FAICP		
			A73860	314	314.7	0.7	0.103	AGAT_FAICP		
			A73861	314.7	315.2	0.5	0.047	AGAT_FAICP		
			A73862	315.2	316	0.8	0.012	AGAT_FAICP		
			A73863	316	316.55	0.55	0.022	AGAT_FAICP		
316.55	**317.25**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite**	A73864	316.55	317	0.45	0.022	AGAT_FAICP		
AMP with abundant coarse biot porphs. Up-hole portion of larger AMP. Mottled dark green. Minor qz-plag in groundmass; >60% green and black amphiboles. ~30% biot; euhedral; various orientations but pervasive foliation is clear. No visible alteration; possibly chlorite. No visible sulfides. Minor qz-cb veining; <2mm; planar. Well developed foliation.										
317.25	**320.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A73865	317	318	1	0.056	AGAT_FAICP		
			A73867	318	318.5	0.5	0.229	AGAT_FAICP		
Gradational contact with uphole unit. Distinguished from previous unit by increased felsic content; finer texture; and reduced prominence of biot porphs. ~15% plag-qz-Kspar; latter is mostly absent from uphole and downhole AMP units. ~25% biot; porphs <1mm; weakly aligned. Possible chlorite alteration. No visible sulfides. No veining. Grades back into AMP UM downhole.			A73868	318.5	319	0.5	0.215	AGAT_FAICP		
			A73869	319	320	1	0.058	AGAT_FAICP		
320.00	**321.75**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite**	A73870	320	321	1	0.299	AGAT_FAICP		
			A73871	321	321.75	0.75	1.1	AGAT_FAICP		
Gradational contact with diorite lying downhole. Same as 316.55-317.25m. Biot porphs attenuate in size and abundance downhole with gradation into diorite. K alt and felsic content increases to ~70% with proximity to diorite. Amphibole content decreases to ~30% approaching diorite. Trace sulfides; anhedral Py; <1mm; dissem. Weak foliation. No veining.										
321.75	**330.76**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A73873	321.75	323	1.25	0.02	AGAT_FAICP		
			A73874	323	324	1	0.034	AGAT_FAICP		
			A73875	324	325	1	0.036	AGAT_FAICP		
			A73876	325	326	1	0.055	AGAT_FAICP		
FGS. Mottled grey. Weakly foliated; massive. Occasional qz eyes; subround; <1cm; <1%. Overall fine to medium grained. Mostly quartz with lesser feldspar. Dissem biot; 5-10%; subhedral; <0.5mm xls. Weak foliaiton; defined by weakly aligned biot and trace sulfides; mm scale spacing. Trace Py; subhedral xls organized parallel to foliaiton. Competent core; rare fracturing. Rare fine qz-cb veinlets; <5mm; occ K and/or silicification halos; possible epidote intermingled with silic; various orientations.			A73877	326	327	1	0.089	AGAT_FAICP		
			A73879	327	328	1	0.052	AGAT_FAICP		
			A73880	328	329	1	0.037	AGAT_FAICP		
			A73881	329	330	1	0.03	AGAT_FAICP		
			A73882	330	330.76	0.76	1.92	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
330.76	**333.09**	**(AMP) Amphibolite, ( )** AMP. Dark green-grey; equigranular. Moderately foliated. ~30% biotite; weakly aligned; imparts foliation; euhedral; <1mm xls. Plag/amphibole groundmass; fine to medium grained. No visible alteration. Minor intervals of more felsic composition; <30cm; gradational composition change. Trace to weak sulfide content; <1mm xls organized into planar discontinuoius stringers aligned with foliation; mostly Py with minor Po (weakly magnetic). Interval includes minor pegmatitic interval; ~15cm; comprises weakly banded qz-Kspar-chlorite; with elevated Py (cm scale aggs of subhedral xls <10mm).	A73883	330.76	331.5	0.74	0.193	AGAT_FAICP		
			A73884	331.5	332	0.5	0.194	AGAT_FAICP		
			A73885	332	333	1	0.117	AGAT_FAICP		
333.09	**334.00**	**(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Interval comprsing 2 segments of pegmatite separated by strongly altered AMP. PEGs are coarsely crystalline (cm scale xls and aggs). Mottled pink-white with aggs of amphibole/biotite <1cm; anhedral to euhedral. Intervening AMP is strongly K altered; cm scale amp/biot aggs. PEGs host no visible sulfides but AMP hosts 1-3% dissem Py; <1mm xls. No other veining in addition to PEGs. moderate foliation in AMP.	A73887	333	333.5	0.5	0.069	AGAT_FAICP		
			A73888	333.5	334	0.5	0.108	AGAT_FAICP		
334.00	**336.90**	**(AMP) Amphibolite, ( )** AMP. Equigranular; dark green-grey. 75% amp/biot; 25% feldspar. Millimeter scale amp and biot xls; subhedral; disseminated. Biot partially organized; imparts moderate foliation. Significant dm scale intervals of moderate to strong K and silic alteration (imparts grey-pink colouration); diffuse margins; original fabric is preserved. Minor sulfides: <1% Py; dissem; <1mm xls; subhedral. Minor fine qz-cb veinlets; <3mm; planar; various orientations. Occaisonal fractures; commonly hosting slickenfeatures.	A73889	334	335	1	0.401	AGAT_FAICP		
			A73890	335	336	1	0.304	AGAT_FAICP		
			A73891	336	336.9	0.9	0.28	AGAT_FAICP		
336.90	**340.87**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP with varying felsic content 5-30%; overall intermediate composition. Mottled/banded green-pink. Phaneritic to porphyritic texture. Well developed foliaiton. Mild K alt organized into bands; cm scale; <5cm. ~20% biot. 50-75% amp. Trace Py; dissem; <1mm. Rare syenitic pegmatite vein; cm scale xls; Kspar with dark grey massive mineral (uncertain) and minor qz. Minor high-angle qz-cb veinlets; planar; <5mm. Significant patchy epidote alteration comprising anhedral dissem xls.	A73893	336.9	338	1.1	0.027	AGAT_FAICP		
			A73894	338	339	1	0.033	AGAT_FAICP		
			A73895	339	340	1	0.026	AGAT_FAICP		
			A73896	340	341	1	0.085	AGAT_FAICP		
340.87	**343.90**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** Coarse; prophyritic AMP. Dark green with abundant black porphs; cm scale; elongate parallel to foliation; comprising biot/hblend. Gradational contact with uphole AMP; distinct contact with downhole FGS. Varying biot; avg 40%; locally >50% over 10cm. Local elevated felspar content; wispy/hackly masses. No vis sulfs. Competent. Rare meandering qz-cb veinlets; <2mm; low-angle.	A73897	341	342	1	0.032	AGAT_FAICP		
			A73899	342	343	1	0.016	AGAT_FAICP		
			A73900	343	343.9	0.9	0.267	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
343.90	**354.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS. Grey. Weakly foliated near upper contact. Foliation increases downhole; quartz eyes likewise increase in size and abundance. 5% qz eyes overall; varying in size 5-10mm; subround. Equigranular fine grained groundmass. Occaisonal minor AMP intervals; dm scale; <30cm. Biotite abundance varies 5-15%; proportional to proximity to AMP segments. Sulfide abundance increases downhole; trace to 1%. Po and Cpy present as intergrown clots in proximity to qz veins; trace overall; 3% over 10cm locally. Weak K alt; restricted to vein/frac halos. Occasional high-angle qz-cb veinlets; <1cm. Rare qz veins; cm scale; biot envelope with sulfides proximal to margins.	A73901	343.9	345	1.1	0.051	AGAT_FAICP		
			A73902	345	346	1	0.019	AGAT_FAICP		
			A73903	346	347	1	0.17	AGAT_FAICP		
			A73904	347	348	1	0.42	AGAT_FAICP		
			A73905	348	349	1	0.113	AGAT_FAICP		
			A73907	349	350	1	0.124	AGAT_FAICP		
			A73908	350	351	1	0.137	AGAT_FAICP		
			A73909	351	352	1	0.245	AGAT_FAICP		
			A73910	352	353	1	0.435	AGAT_FAICP		
			A73911	353	353.55	0.55	2.13	AGAT_FAICP		
			A73913	353.55	354.2	0.65	0.449	AGAT_FAICP		
			A73914	354.2	354.54	0.34	3.95	AGAT_FAICP		
354.54	**357.30**	**(QV, AMP) Quartz Vein, Amphibolite, (QZVT2) Massive quartz vein** Massive; coarse grained qz vein with AMP xenoliths (cm to dm scale). Qz is white; opaque; riven with microfractures. Host rock xenoliths are altered; coarse amps-cpx-biot; dark green; partly felsic groundmass. Xenoliths typically host abundant fine dissem Po (anhedral; massive; mm scale). Vein hosts significant sulfide mineralization: 2% Po; locally 20% over 10cm present as cm scale anhedral masses; often comingled with minor Cpy; several MoS sightings; <1cm; subhedral; typically frac controlled.	A73915	354.54	355.15	0.61	0.058	AGAT_FAICP		
			A73916	355.15	356.07	0.92	0.243	AGAT_FAICP		
			A73917	356.07	356.55	0.48	0.518	AGAT_FAICP		
			A73919	356.55	357.3	0.75	0.197	AGAT_FAICP		
357.30	**359.04**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP; intermediate composition; ~20% feldspar/qz. Abundant biot; ~30%. Moderately foliated; mostly massive and equigranular; foliaiton highlighted by concordant organization of sulfides into fine stringers. Litho grades into minor segment of qz eye FGS approaching donwhole contact. Rare pegmatitic veins: qz-Kspar-hblend; <5cm. Overall 1% Po; dissem to foliation controlled; anhedral; <1mm xls.	A73920	357.3	358	0.7	1.04	AGAT_FAICP		
			A73921	358	359	1	0.874	AGAT_FAICP		
359.04	**363.10**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** AMP. Moderate to strongly foliated. Abundant elongate biot aggs; imparts foliation. Groundmass comprises fine to medium grained actinolite and hblend. Negligible felsic content. Kspar increases downhole. Litho grades to intermediate composition approaching felsic pegmatitic unit downhole; max 10% Kspar/plag; dissem in mafic groundmass. Sulfides absent; increasing to trace Py in more felsic segment; fine; dissem; <0.5mm. Minor qz/Kspar pegmatite near bottom contact; <10cm; no vis sulfs or alt.	A73922	359	360	1	0.088	AGAT_FAICP		
			A73923	360	361	1	13.8	AGAT_FAGRA		
			A73924	361	362	1	0.093	AGAT_FAICP		
			A73925	362	362.5	0.5	1.8	AGAT_FAICP		
			A73927	362.5	363.1	0.6	0.35	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
363.10	**364.30**	**(FGG) Felsic Gneiss Granitic, ( )** Irregular top contact. Pegmatitic becoming phaneritic downhole; pseudo-dioritic near bottom contact. Light pink-grey-white. Moderately foliated; coarse aligned biot imparts foliaiton. Qz-fspar composition with significant porphyritic biot; mm to cm scale masses. Minor epidote throughout; diffuse; patchy; blebby. Clotty and dissem sulfides throughout; hackly clots appear fracture controlled; <3cm. Overall 1% Po with minor Cpy. No orientation in this interval.	A73928	363.1	363.75	0.65	0.468	AGAT_FAICP		
			A73929	363.75	364.3	0.55	0.056	AGAT_FAICP		
364.30	**365.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained AMP. Moderately foliated. Equigranular. 50% amp; 25% biot; 25% felsic. No vis alt. Fine dissem Po throughout; weakly organized into foliation concordant stringers <0.5mm.	A73930	364.3	365	0.7	0.218	AGAT_FAICP		
			A73931	365	365.65	0.65	0.494	AGAT_FAICP		
365.65	**372.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with minor segments of AMP; <30cm. Varying biot and feldspar porphs imparts varying texture. Freshly broken surfaces attest to homogeneous composition. Feldspar porphs are subround; <5mm; 1-10%. Biot varies 5-20%; alignment imparts spaced foliation; xls/aggs varying from 1-10mm. 1% sulfide; varying in abundance; dissem and weakly organized into foliation concordant fine stringers <1mm; locally 5% over 10cm. Primarily Po present as fine dissem anhedral xls <1mm and aggs <5mm. Minor epidote alteration within cm scale veins and proximal wall rock. Occasional cm scale veins; <20cm; comprising qz-ep-fspar; typically hosting Po (<1%) and hackly biot clots <5mm. Veins appear to be generally foliation concordant.	A73933	365.65	366.2	0.55	0.125	AGAT_FAICP		
			A73934	366.2	367	0.8	0.109	AGAT_FAICP		
			A73935	367	368	1	0.036	AGAT_FAICP		
			A73936	368	369	1	0.016	AGAT_FAICP		
			A73937	369	370	1	0.055	AGAT_FAICP		
			A73939	370	371	1	0.018	AGAT_FAICP		
			A73940	371	371.7	0.7	0.012	AGAT_FAICP		
			A73941	371.7	372.4	0.7	0.113	AGAT_FAICP		
372.40	**373.77**	**(FGS) Felsic Gneiss Sedimentary, ( )** Compositionally equivalent to previous interval but distinguished by abundant qz eyes; 10%; subround; <2cm. qz eyes attenuate downhole approaching gradational contact with altered margin of LAMP dyke. Fine dissem Po throughout; <1%; <0.5mm. 10% biot; imparts foliation.	A73942	372.4	373	0.6	0.008	AGAT_FAICP		
			A73943	373	373.77	0.77	0.012	AGAT_FAICP		
373.77	**374.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Strongly altered margin of UMD lying downhole. Strong K alt grades into intense epidotization approaching dyke. Strongly foliated. Riven with fine qz veins concordant with fol. Localized hematization. Trace Po and Py; dissem; <1mm. Occ mm scale red garnet; weakly organized into narrow bands.	A73944	373.77	374.2	0.43	0.01	AGAT_FAICP		
374.20	**374.70**	**(UMD, QV) UM\LAMP Dike, Quartz Vein, (LAMPD) UMD - Lamprophyre Dyke** Very fine grained light green LAMP; locally brecciated; intensely altered. Upper contact comprises intensely hematized qz vein; 15cm; riven with fracs healed with dark	A73945	374.2	374.7	0.5	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		pseudotachylite. LAMP proper is weakly porphyritic; subround plag porphs (<5mm) in aphanitic green groundmass. Strong FeCb and Hem alteration present as very fine dissem blebs ~0.1mm; Hem is pronounced proximal to veins. Strong epidotization throughout; cryptocrystalline; pervasive. No significant sulfides.								
374.70	**375.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Same as 373.77-374.2m. Grades from intensely epidotized segment to banded K altered interval. Strongly foliated. Riven with fine foliation-concordant qz veins; <5mm; planar. Blebby hematization assoc with veins. Ultrafine dissem FeCb; dissem; attenuates downhole. Trace Py-Po; foliation controlled; <0.1mm xls. Occ amp bands; <2cm; foliation concordant; comprises anhedral xls <2mm.	A73947	374.7	375.15	0.45	0.011	AGAT_FAICP		
			A73948	375.15	375.85	0.7	0.057	AGAT_FAICP		
375.50	**379.05**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Fine grained to porphyritic FGS. Foliation; silicification; and Kspar content attenuates downhole until nearly absent at bottom contact. Texture becomes porphyritic with presenc of qz eyes approaching bottom contact. Minor AMP segments throughout; 1cm to <20cm; commonly hosting coarse biot and cm scale veins. Sulfide content attenuates downhole; elevated in AMP segments. Overall 1% sulfides; locally 3% over 10cm; clotty; foliation controlled. Occasional boundinaged qz veins; smokey qz; Kspar; coarse Po clots. Rare qz-cb-Kspar veinlets <1cm; planar; late? Rare dm scale white qz veins; assymetric contacts; ultra trace Po.	A73948	375.15	375.85	0.7	0.057	AGAT_FAICP		
			A73949	375.85	376.42	0.57	0.062	AGAT_FAICP		
			A73950	376.42	377	0.58	0.066	AGAT_FAICP		
			A73951	377	377.35	0.35	0.077	AGAT_FAICP		
			A73953	377.35	378	0.65	0.03	AGAT_FAICP		
			A73954	378	379.05	1.05	0.025	AGAT_FAICP		
379.05	**383.05**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Well foliated; fine grained AMP. Equigranular. Occ qz-cb veinlets; foliation concordant; <5mm. Rare segments of FGS; <20cm. Minor foliation and frac controlled Po; ~1%. Trace K alt present as vein envelope. Grades into granitic pegmatite; becomes garnetiferous proximal to PEG; <1mm; subhedral; red; dissem. 20cm pegmatitic vein near contact with PEG.	A73955	379.05	380	0.95	0.277	AGAT_FAICP		
			A73956	380	381	1	0.679	AGAT_FAICP		
			A73957	381	382.24	1.24	0.799	AGAT_FAICP		
			A73959	382.24	383.05	0.81	0.638	AGAT_FAICP		
383.05	**385.44**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coares grained qz-rich PEG. Foliated proximal to contacts; characterized by coarse euhedral musc/ser xls; aligned; undulose fabric. Centimeter scale qz and feldspar grains; anhedral. Biot throughout but more abundant in foliated segments. No significant sulfides.	A73960	383.05	384	0.95	0.302	AGAT_FAICP		
			A73961	384	384.5	0.5	0.153	AGAT_FAICP		
			A73962	384.5	385.44	0.94	0.213	AGAT_FAICP		
385.44	**389.05**	**(FGG) Felsic Gneiss Granitic, ( )** Gradational contact with overlying PEG. Texture varies from massive to foliated. Pink-white-grey. Varying Kspar content; often banded; <5cm; occasionally diffuse and pervasive locally. Minor elongate white feldspar porphs; dissem; <1cm. Minor epidote present as dffuse cm scale patches and halos around fspar porphs. Boudinaged qz veining is common; cm scale; <5cm max thickness. Coarse muscovite is prevalent in well foliated segments; <1cm; euhedral; present as finer xls elsewhere. Sericite alteration is weakly	A73963	385.44	386	0.56	0.776	AGAT_FAICP		
			A73964	386	387	1	0.899	AGAT_FAICP		
			A73965	387	387.5	0.5	0.575	AGAT_FAICP		
			A73967	387.5	388	0.5	0.202	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
present proximal to veins. Fine dissem biot throughout; ~3% overall. Trace Po; very fine; foliation controlled.			A73968	388	389.05	1.05	0.111	AGAT_FAICP		
389.05	**389.65**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Mottled grey-green-pink-white. Coarse. Massive. Biot present as hackly clots; <5mm; disseminated. Patchy; diffuse epidote alteration throughout.; also present as discrete xls <1cm with Kspar rims. Minor dissem musc throughout; <2mm subhedral xls. Minor frac controlled sulfides; hackly anhedral clots <2mm; mostly Po; <0.5%. Competent; microfracs are intact.	A73969	389.05	389.65	0.6	0.123	AGAT_FAICP		
389.65	**392.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with 15% biot and 10% qz eyes. Biot alignment imparts mild foliation; <5mm aggs. Dissem qz eyes; <1cm; subround. Weak K alt; assoc with rare veins; also present as <1cm subround porphs. Weak epidote assoc with veins. Trace dissem Po; <0.5mm; anhedral. Occ cm scale veins; high angle; weakly deformed; grey qz with minor Kspar and ep; Po closts <5mm; 1-2% within vein.	A73970	389.65	390.5	0.85	0.042	AGAT_FAICP		
			A73971	390.5	391	0.5	0.023	AGAT_FAICP		
			A73973	391	392	1	0.04	AGAT_FAICP		
			A73974	392	392.4	0.4	0.16	AGAT_FAICP		
392.40	**393.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained AMP. Phaneritic. Moderately foliated. 2% garnet; heterogeneous distribution; organized into elongate aggs concordant with foliation; subhedral xls <5mm. 1% sulfide; Po present as foliaiton controlled xls and aggs; hackly; anhedral. No significant alteration.	A73975	392.4	393	0.6	0.308	AGAT_FAICP		
			A73976	393	393.6	0.6	1.02	AGAT_FAICP		
393.60	**394.35**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, ( )** PEG intercalated with cm scale segments of coarse biot GBFG; <10cm. Biot is coarse; aligned; imparts foliation; also present in PEGs as cm scale hackly masses. Abundant sulfides; foliation controlled; Py>Cpy>Po.; hackly masses <5mm. PEGs exhibit significant Kspar and epidote alt.	A73977	393.6	394.35	0.75	0.294	AGAT_FAICP		
394.35	**400.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained AMP with sporadic coarse garnet porphs; red; <1cm. Fine to medium grained biot; aligned; imparts foliation. Interval begins with 40cm segment of strong silicification. Chl-Kspar-Ep alt confined to veins; weak to moderate. Occ veins; strong ductile def; boudinaged; <10cm. Rare slicken surfaces with poorly developed slickenlineation. Foliation exhibits strong ductile deformation. Po present throughout; organized into foliaiton concordant pseudohyphae; occ present as angular cm scale masses; especially in veins.	A73979	394.35	395	0.65	0.119	AGAT_FAICP		
			A73980	395	395.5	0.5	0.157	AGAT_FAICP		
			A73981	395.5	396	0.5	0.388	AGAT_FAICP		
			A73982	396	397	1	0.308	AGAT_FAICP		
			A73983	397	398	1	0.523	AGAT_FAICP		
			A73984	398	399	1	0.556	AGAT_FAICP		
			A73985	399	399.6	0.6	0.4	AGAT_FAICP		
			A73987	399.6	400.2	0.6	0.214	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
400.20	**400.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Foliated FGS with coarse qz eyes; <1cm; 5%; subround. Coarse biot; aligned; imparts spaced foliation. Weak; patchy; diffuse epidote alteration. Very fine dissem Po throughout; trace; <0.5mm xls. Foliation appears open folded.	A73988	400.2	400.6	0.4	0.057	AGAT_FAICP		
400.70	**401.82**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive qz vein. Upper contact is strongly deformed; appears folded. Lower contact is approx planar; diffuse; measurement is from lower contact. Qz is mottled grey-white. Weak epidote alteration; patchy; diffuse. Trace dissem Po; <1mm xls; anhedral. Occ cm scale host rock xenoliths. Riven with chaotic fracs. Occ white feldspar xls; <1cm; subhedral. Interval comprises 20cm of FGS at bottom.	A73989	400.6	401.65	1.05	0.022	AGAT_FAICP		
401.82	**403.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained and foliated AMP. Dark grey-green; equigranular. Aligned fine grained biot imparts foliation; deformed proximal to vein boudin. Occ cm scale epidote porphs/masses. Dissem sulfs; Po>Py; <1mm to 5mm aggs; weakly aligned with foliation; minor mm scale clots in vein boudin.	A73990	401.65	402.7	1.05	0.338	AGAT_FAICP		
			A73991	402.7	403.4	0.7	0.448	AGAT_FAICP		
403.40	**404.50**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )** Coarse; strongly foliated GBFG with cm to dm scale PEG veins. Very coarse abundant biot imparts foliation; attenuates approaching lower contact. Upper and lower contacts are gradational. Fine dissem garnet throghout; ~5%; <1mm; red; subhedral. Weak K and Ep alt throughout; pervasive. Trace dissem Po>Py>Cpy; <2mm; subhedral.	A73993	403.4	404	0.6	0.895	AGAT_FAICP		
			A73994	404	405	1	0.465	AGAT_FAICP		
404.50	**406.91**	**(FGS) Felsic Gneiss Sedimentary, ( )** Banded FGS with varying biot content and prominent epidote alt banding. Aligned biot imparts foliaiton; banding is concordant. Sporadic distribution of dissem garnet and fspar porphs: <1% garnet; <1mm; subhedral; 3% fspar porphs; weakly elongate; aligned with foliation; <5mm. Ep alt present as distinct cm scale bands and fine dissem blebs. No vis sulfs.	A73994	404	405	1	0.465	AGAT_FAICP		
			A73995	405	406	1	0.041	AGAT_FAICP		
			A73996	406	407	1	0.05	AGAT_FAICP		
406.91	**408.10**	**(FGG) Felsic Gneiss Granitic, ( )** Massive; aphanitic FGG. Grey; siliceous; minor feldspar content. Minor fine dissem biot and musc; <1%. Trace K alt; diffuse; pervasive. No vis sulfs.	A73997	407	407.5	0.5	0.017	AGAT_FAICP		
			A73999	407.5	408.1	0.6	0.278	AGAT_FAICP		
408.10	**411.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU)**	A74000	408.1	409	0.9	0.564	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Muscovite-rich FGS	A74001	409	409.57	0.57	0.432	AGAT_FAICP		
		Fine grained and foliated FGS. Interval begins with minor interstitial amp and elevated biot; also characterized by pervasive weak epidote and K alt. Occ dm scale deformed qz veins; foliation deforms at margins. Veins are coarse grained; minor epidote-Kspar content; minor hackly Po and biot blebs; <1cm. Moderately silicified throughout. Weak epidote-Kspar halos around high angle veinlets. Varying biot level throughout; alignment imparts foliation; mostly fine grained. Occ silimanite comingled with biot. Fine foliation hosted Po>Py blebs; <1mm; anhedral.	A74002	409.57	410.05	0.48	0.338	AGAT_FAICP		
			A74003	410.05	410.6	0.55	0.074	AGAT_FAICP		
			A74004	410.6	411.55	0.95	1.46	AGAT_FAICP		
411.55	**431.50**	**(FGG) Felsic Gneiss Granitic, ( )**	A74005	411.55	412	0.45	0.349	AGAT_FAICP		
		(Unit likely continues beyond 431m). Porphyritic FGG with numerous narrow pegmatitic veins. Significant K and epidote alt throughout; patchy; appears associated with elevated vein density. Moderately silicified throughout. Unit is characterized by coarse dissem muscovite and sillimanite; ~5% overall; hetero dist; <1cm xls; euhedral; foliation concordant. Varying biot content; imparts foliaiton; typically fine grained; can be coarse in veins. Occ qz eyes; sub round; <1cm; confined to dm scale segments <30cm; 3% per segment. Occ ep altered fspar porphs; elongate; <2cm.; confined to dm scale segments <30cm; 5% per segment. Minor sulfides throughout; commonly present as fine foliation controlled blebs; <1mm; Po>Py>Cpy; overall 1%. Overall 1-2% vein density; comprises prominent dm scale veins (<35cm); moderately deformed; coarse grained; +/-K and ep alt; coarse sulfide clots; cm scale. Occ barren pegmatite veins; <10cm.	A74007	412	412.6	0.6	0.329	AGAT_FAICP		
			A74008	412.6	413.5	0.9	0.296	AGAT_FAICP		
			A74009	413.5	414	0.5	0.333	AGAT_FAICP		
			A74010	414	414.45	0.45	0.227	AGAT_FAICP		
			A74011	414.45	415	0.55	0.25	AGAT_FAICP		
			A74013	415	416	1	0.304	AGAT_FAICP		
			A74014	416	417	1	0.08	AGAT_FAICP		
			A74015	417	418	1	0.19	AGAT_FAICP		
			A74016	418	418.75	0.75	0.28	AGAT_FAICP		
			A74017	418.75	419.25	0.5	0.271	AGAT_FAICP		
			A74019	419.25	419.6	0.35	0.567	AGAT_FAICP		
			A74020	419.6	420.2	0.6	0.085	AGAT_FAICP		
			A74021	420.2	420.5	0.3	0.151	AGAT_FAICP		
			A74022	420.5	421	0.5	0.167	AGAT_FAICP		
			A74023	421	422	1	0.153	AGAT_FAICP		
			A74024	422	422.76	0.76	0.158	AGAT_FAICP		
			A74025	422.76	423.5	0.74	0.395	AGAT_FAICP		
			A74027	423.5	424	0.5	0.388	AGAT_FAICP		
			A74028	424	424.5	0.5	0.229	AGAT_FAICP		
			A74029	424.5	425.5	1	0.349	AGAT_FAICP		
			A74030	425.5	426.35	0.85	0.322	AGAT_FAICP		
			A74031	426.35	426.75	0.4	0.13	AGAT_FAICP		
			A74033	426.75	427.5	0.75	0.34	AGAT_FAICP		
			A74034	427.5	428.7	1.2	0.489	AGAT_FAICP		
			A74035	428.7	429	0.3	0.398	AGAT_FAICP		
			A74036	429	430	1	0.993	AGAT_FAICP		
			A74037	430	431	1	1.48	AGAT_FAICP		
			A74039	431	431.5	0.5	0.417	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
431.50	**436.25**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Porphyritic GBFG. ~25% biot; coarse; aligned; imparts foliation. Abundant garnet; organized into loose colonies; overall 10%; locally 25% over 30cm; subhedral; 1-5mm; red. Trace Po; aligned with fol as fine stringers; <1mm. Occ fine qz-cb stringers; weak K halos; various orientations. Overall vein desnsity = 2%	A74040	431.5	432	0.5	2.39	AGAT_FAICP		
			A74041	432	433	1	0.658	AGAT_FAICP		
			A74042	433	434	1	0.884	AGAT_FAICP		
			A74043	434	434.95	0.95	3.53	AGAT_FAICP		
			A74044	434.95	435.35	0.4	1.77	AGAT_FAICP		
			A74045	435.35	436.25	0.9	2.18	AGAT_FAICP		
436.25	**436.61**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP with 20% subangular fspar porphs; <1cm; dissem. Fine biot; imparts weak foliation; 10%. No vis sulfs or alt.	A74047	436.25	436.61	0.36	0.085	AGAT_FAICP		
436.61	**441.40**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium grained GBFG with coarse garnet porphs. 15% garnet overall; locally 30% over 20cm; <1cm; subhedral; red; organized into loose colonies weakly aligned with foliation. Weak to moderate foliation. 10% biot; fine grained; imparts fine foliation. <1% vein density; 3 cohorts: mottled qz boudin / 3% Po clots / garnets at margin; tightly folded opq grey qz vein / 20% amp-cpx / 2% dissem Po; planar / high angle / opq wht qzKspar / <2cm.	A74048	436.61	437	0.39	0.609	AGAT_FAICP		
			A74049	437	437.65	0.65	1.09	AGAT_FAICP		
			A74050	437.65	438	0.35	1.89	AGAT_FAICP		
			A74051	438	438.82	0.82	1.87	AGAT_FAICP		
			A74053	438.82	439.12	0.3	1.65	AGAT_FAICP		
			A74054	439.12	440	0.88	1.67	AGAT_FAICP		
			A74055	440	441	1	1.52	AGAT_FAICP		
			A74056	441	441.4	0.4	0.092	AGAT_FAICP		
441.40	**441.75**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Mottled grey-white. Occ cm scale host selvages. Competent. Occ cm scale fspar xls; weakly epidote altered. Occ fine hematitic-chloritic microfracs. 1% sulfides; Po>Py; dissem hackly clots; <1cm	A74057	441.4	441.75	0.35	0.06	AGAT_FAICP		
441.75	**454.25**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Varying texture and colour. Becomes strongly qz flooded after 447.5m; accompanying colour change; likely related to increased occurence of dm scale qz-fspar pegmatites. Foliation becomes more pronounced in qz flooded interrval; apparent increase in biot size and abundance. Overall vein density = 2-5%; comprises PEGs; cm scale concordant veins; and <1cm chaotic qz-cb veins (planar to hackly). Minor fault gouge; 3cm; black; sandy; accompanies 20cm breccia. Size and abundance of garnets decreases downhole; not present in qz flooded interval. Trace sulfides; Po-Py; very fine grained; dissem; <1mm; none visible in qz flooded interval.	A74059	441.75	442.6	0.85	0.498	AGAT_FAICP		
			A74060	442.6	443	0.4	1.27	AGAT_FAICP		
			A74061	443	443.85	0.85	2.12	AGAT_FAICP		
			A74062	443.85	444.5	0.65	1.84	AGAT_FAICP		
			A74063	444.5	445	0.5	0.881	AGAT_FAICP		
			A74064	445	446	1	3.51	AGAT_FAICP		
			A74065	446	446.75	0.75	3.64	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74067	446.75	447.15	0.4	2.4	AGAT_FAICP		
			A74068	447.15	447.7	0.55	1.29	AGAT_FAICP		
			A74069	447.7	448.5	0.8	0.149	AGAT_FAICP		
			A74070	448.5	449.25	0.75	0.1	AGAT_FAICP		
			A74071	449.25	449.75	0.5	0.071	AGAT_FAICP		
			A74073	449.75	450.5	0.75	0.031	AGAT_FAICP		
			A74074	450.5	450.8	0.3	0.244	AGAT_FAICP		
			A74075	450.8	451.35	0.55	0.173	AGAT_FAICP		
			A74076	451.35	452.3	0.95	0.069	AGAT_FAICP		
			A74077	452.3	453.2	0.9	0.344	AGAT_FAICP		
			A74079	453.2	453.75	0.55	0.05	AGAT_FAICP		
			A74080	453.75	454.25	0.5	0.077	AGAT_FAICP		
454.25	**458.92**	**(AMPG) Amphibole Felsic Gneiss, (AMPFW) Footwall Amphibolite** Dark grey-green; mottled. Characterized by abundant mm scale amp porphs in fspar-rich groundmass; 50%. Abundant light green Cpx patches; diffuse margins. 2-5% high-angle qz-cb veining; <1cm; brx texture. No significant sulfs.	A74081	454.25	455	0.75	0.616	AGAT_FAICP		
			A74082	455	456	1	0.059	AGAT_FAICP		
			A74083	456	457	1	0.038	AGAT_FAICP		
			A74084	457	458	1	0.038	AGAT_FAICP		
			A74085	458	458.92	0.92	0.133	AGAT_FAICP		
458.92	**460.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Light grey-green groundmass with fine dissem biot. Allignment of biot imparts foliation; <0.5mm; 5%. No vis sulfs. Weak epidote alt throughout. No vis amp or musc.	A74087	458.92	460	1.08	0.023	AGAT_FAICP		
			A74088	460	460.55	0.55	0.021	AGAT_FAICP		
460.55	**462.65**	**(AMPG) Amphibole Felsic Gneiss, (AMPFW) Footwall Amphibolite** See 454.25-458.92m.	A74089	460.55	461.85	1.3	0.067	AGAT_FAICP		
			A74090	461.85	462.65	0.8	0.02	AGAT_FAICP		
462.65	**463.15**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Grey qz with kspar and epidote. Hackly cm scale musc-biot clots; 3%. No vis sulfs. Decimeter scale alteration halo above and below.	A74091	462.65	463.15	0.5	0.02	AGAT_FAICP		
463.15	**465.45**	**(AMPG) Amphibole Felsic Gneiss, (AMPFW) Footwall Amphibolite**	A74093	463.15	464	0.85	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Interval begins with dm scale alteration halo re: PEG. Fabric becomes strongly deformed down hole; increasing with proximity to fault. Brx texture; healed with qz-cb stockwork. No vis sulfs.	A74094	464	465	1	0.021	AGAT_FAICP		
			A74095	465	465.45	0.45	0.038	AGAT_FAICP		
465.45	**466.85**	**(AMPG) Amphibole Felsic Gneiss, (AMPFW) Footwall Amphibolite**	A74096	465.45	466	0.55	1.66	AGAT_FAICP		
		Banded light and dark green. Light green bands likely cpx-enriched. Dark green are amp-rich 5% fspar porphs; subhedral; dissem. No vis sulfs. Strongly foliated.	A74097	466	466.85	0.85	0.542	AGAT_FAICP		
466.85	**468.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A74099	466.85	468	1.15	0.035	AGAT_FAICP		
		Fine grained light grey felsic groundmass with fine dissem biot; 5%. Weak epidote alt throughout; diffuse; pale green. No vis sulfs.	A74100	468	468.9	0.9	0.026	AGAT_FAICP		
468.90	**469.80**	**(AMPG) Amphibole Felsic Gneiss, (AMPFW) Footwall Amphibolite**	A74101	468.9	469.8	0.9	0.023	AGAT_FAICP		
		See desc for 465.45 - 466.85								
469.80	**470.80**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	A74102	469.8	471	1.2	0.029	AGAT_FAICP		
		Dark grey qz with light pink Kspar and strong K-epidote alt. Occ cm scale hackly biot-musc clots. No vis sulfs.								
470.80	**471.00**	**(AMPG) Amphibole Felsic Gneiss, (AMPFW) Footwall Amphibolite**								
		See 468.9-469.8m. EOH								

Newmont
Geological Description with Assays

Hole ID : **BL19-01072**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	202.22	Easting :	331718.7122	Logged By :	Tyler.Compton
Dip :	-78.085	Northing :	5303368.826	Logged By 2 :	Brad.Clarke
Length :	474	Elevation :	436.9372	Log Start :	20-Mar-2019
Drill Start :	13-Feb-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	1-Mar-2019
Drill Completed :	19-Feb-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Infill zone with a small intersection of the ore zone. Few fault features noted in adjcent holes were also observed.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**2.25**	**(OB) Overburden, ( )**								
Overburden. No material recovered.										
2.25	**10.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Upper contact is bedrock surface. Light grey FGS with very fine dissem biot and medium grained amp porphs. Biot is weakly aligned; imparts weak foliation; <1mm. Amp porphs are anhedral; <2mm; dissem. Weak; patchy K alt throughout. Trace dissem sulfs; Py; subhedral; <1mm; dissem. <1% vein density; low angle; qz-cb; <2cm; planar. Apparent fault 6.65-6.85m; rubble zone; no gouge preserved; contacts not preserved.										
10.45	**12.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Chilled contacts with host FGS; laminated. Minor cm scale subround qz eyes in proximal host rock. Fine grained dark grey-green groundmass with 15% porphs; comingled fspar and cb porphs; anhedral; <5mm. 5% biot porphs; dissem; <5mm; anhedral. 0.5% Py; dissem; anhedral; <1mm. Occ hem rimmed magnetite xls; suhedral; <2mm; <1%										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

12.00 29.00 (FGS) Felsic Gneiss Sedimentary, ( )

Light grey porphyroblasic FGS with weak K and Ep alteration. Minor amp porphs; anhedral; <5mm; dissem; elongate; imparts foliation. Minor biot porphs; <1mm; subhedral; aligned with foliation. Occ qz eyes particularly approaching end of interval; subround; vitreous; <2cm; 3%. Trace K and Ep alt; present as diffuse patches and halos proximal to fracs and veinlets. <1% veining; mostly high angle; K halos; <1cm; planar. Minor fine dissem Py; subhedral; xls and fine aggs; <1mm.

29.00 51.65 (DIO) Diorite, (DIOAM) Diorite with amphibole

Apparent dm scale chilled margin in overlying FGS. Dark grey-green diorite with abundant fspar porphs; 25%; <1cm; subround. Occ cm scale xenoliths (?); black; granular; more mafic than surroundings. ~50% amp/biot groundmass. Elevated vein density relative to prev interval; 3%; mostly high angle; discordant; mm scale; often mantled with strong K-epidote-silic halos. No vis sulfs.

51.65 51.85 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD. Fine grained. Prominent chilled margins; cm scale; aphanitic. Core exhibits abundant amp-biot porphs; <1mm; 25%. Amorphous riebeckite masses; cm scale; enveloping mm scale hematized porphs of unkown composition; <5mm; anhedral. Elevated dissem Py in proximal host rock; 2%; <1mm; subhedral.

51.85 99.00 (FGS) Felsic Gneiss Sedimentary, ( )

Distinguished from DIO only by slight reduction in amp content and presence of mm scale vugs; 3%; <1cm. Abundant fspar porphs; 25%; <1cm; subround. Occ cm scale xenoliths (?); black; granular; more mafic than surroundings. ~30% amp/biot groundmass. ~3% vein density; mostly high angle; discordant; mm scale; often mantled with strong K-epidote-silic halos; alteration is elevated relative to prev interval. Varying sulfide occurrence; from none visible to 5% over 10cm. elevated sulfide occurrence is spatially associated with vugs and amp-rich bands; <10cm. Visible sulfs are Py; dissem; <3mm; aggs and discrete xls; euhedral in vugs. Core exhibits reduced competency relative to prev intervals; abundant fracs.

99.00 108.25 (FGS) Felsic Gneiss Sedimentary, ( )

Compositionally identical to previous; distinguished by finer texture; equigranular. Slightly elevated vug and sulfide density. Varying sulfide density; 1% overall; locally 5% over 30cm; mm scale subhedral Py xls and fine aggs. Highly fractured. Varying silicification; absent to moderate in dm scale segments.

108.25 115.55 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Upper contact not preserved. Dark green massive AMP. Weakly magnetic. Vuggy; friable;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

fragmented. Lenticular biot aggs; cm scale; elongate; imparts weak foliation; euhedral xls; 10% overall. Chaotic cm scale vugs; occurring within veinlets; hosting minor epidote and significant sulfides. Sulfides occurring as mm to cm scale hackly masses; frac/vug controlled; also as discrete euhedral xls in vugs; Py dominated; overall 2%; locally 10% over 20cm. no pervasive alt.

115.55 115.85 (FGS) Felsic Gneiss Sedimentary, ( )

Light grey FGS with mm scale fspar porphs; anhedral; 3%. Biot alignment impart foliation; weak. 20% biot/amp porphs; <1mm; subhedral; dissem. Minor dissem Py; <1%; subhedral discrete xls. No pervasive alt. Weakly strained. Occ mm scale barren vugs.

115.85 122.65 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green massive AMP. Weakly magnetic. Vuggy. More competent than prev AMP. Lenticular biot aggs; cm scale; elongate; imparts weak foliation; euhedral xls; 10% overall. Chaotic cm scale vugs; occurring within veinlets; hosting minor epidote and significant sulfides. Sulfides occurring as mm to cm scale hackly masses; frac/vug controlled; also as discrete euhedral xls in vugs; Py dominated; overall 2%; locally 10% over 20cm. no pervasive alt. Weak strain overall.

122.65 128.00 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grey FGS with rare porphyritic segments; <30cm. Rare vuggy segments; <10cm. Fine to medium grained groundmass. Fspar porphs <1cm; anhedral; 2% overall; locally 10% over 20cm. Trace K alt present as strong halos around veinlets. Low vein density; 1%; planar; <5mm; qz; mostly high angle. Rare vuggy qz-kspar veins; strongly deformed; amp-biot masses; 3% Py as amorphous masses. Weak foliation but moderate strain recorded in early veins.

128.00 129.40 (QFP) Quartz Feldspar Porphyry, ( )

Significant amp-biot in groundmass. 25% cm scale subhedral fspar porphs. Massive; no discernable foliation. <1% dissem Py; discrete mm scale xls. No pervasive alt. No veining.

129.40 131.75 (FGS) Felsic Gneiss Sedimentary, ( )

Mottled grey fine grained FGS. Biot porphs impart porphyritic texture and trace foliation; mm scale; 10%. Moderate to strong silicification; pervasive. Trace K alt; pervasive. Trace vein density; porphyritic qz-Kspar-biot; trace Py. Trace dissem Py in groundmass. Low apparent strain.

131.75 133.35 (FGS) Felsic Gneiss Sedimentary, ( )

Distinct upper contact; melt texture grades into porphyritic texture downhole. Mottled grey;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

aphanitic groundmass with prominent QZE and mm scale elongate biot porphs. QZE are <2cm; subhedral; vitreous; 10%. Strongly siliceous. Minor AMP content. Low apparent straine. Trace veining; high angle; <5mm; white qz with prominent K halos. Strong qz flooding; attenuates downhole. Trace dissem Py; very fine; discrete xls.

133.35 170.15 (FGS) Felsic Gneiss Sedimentary, ( )

Porphyritic FGS with prominent dm scale K altered segments. Varying porph occurrence; 5-15%; <5mm; subround; dissem. Fine dissem biot and amp porphs; total 15%; <1mm; subhedral. Varying K alt throughout; trace to strong assoc with fine veinlets and fracs; . Overall low vein density; <1%; mostly <5mm; planar; strong K halos. Rare qz-Kspar-biot veins; vuggy; weak sulfide mins. Overall trace sulfides; Py; dissem and in veins/vugs. Low apparent strain. Varying silicification; elevated proximal to vein clusters and UMD.

170.15 170.45 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green AMP. Massive. Fine biot porphs; <2mm; 15%. Trace dissem Py; anhedral; <1mm. Weakly magnetic. No vis alt.

170.45 171.55 (FGS) Felsic Gneiss Sedimentary, ( )

Grey-pink FGS with fspar porphs; 15%; subround. Pervasive weak K alt imparts diffuse pink colouration. Fine grained biot-amp in groundmass; total 20%. No veining. Trace Py; dissem; <1mm; subhedral.

171.55 172.60 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

Bifurcated lamprophyre dyke. Dark green. Angular apparent clasts; <1cm; commonly rimmed with hematite. No vis sulfs. Occ late qz-cb veinlets; laminated; concordant with dyke margins.

172.60 190.30 (FGS) Felsic Gneiss Sedimentary, ( )

Faulted contact with prev interval. Grey FGS with varying porphyritic texture. As prev FGS. Characterized by prominent dm scale siliceous segments with strong K alt bleeding from vein margins and microfracs. Elevated vein/frac density in these segments; accompanied by massive texture and fine grain size; porphs mostly absent. Overall low vein density: occ cm scale veins; planar; fol concordant; qz-amp-biot-Kspar with minor dissem Py; numerous fine veinlets; discordant; chaotic; assoc with strong K alt halos. K alt also present as diffuse interstitial alt. Occ qz-amp-biot boudins; minor Py present as mm scale clots; rare vugs. Minor fine Py in foliation aligned colonies; <1mm xls.

190.30 190.70 (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)

Minor AMP interval. Massive. Fine grained. No pervasive alt. No vis sulfs.

190.70 198.40 (FGS) Felsic Gneiss Sedimentary, ( )

Varying texture and alteration intensity. Alteration (K; silic) is elevated proximal to upper and lower contacts (AMP). Texture varies from porphyroblastic and massive to strongly foliated in dm scale bands (<30cm) where biot is abundant. Fspar porphs are <1cm; subround; ~20%. K and silic alt also elevated proximal to rare veins; present as strong halos. Low vein density overall; <1%; mostly isolated amorphous boudin (qz-amp-biot-Kspar PEGs; minor coarse Py). Also occ high angle planar veinlets; <5mm; strong alt halos. Low to moderate strain overall.

198.40 201.45 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Very low contact angle; discordant to FGS fabric. Laminated/chilled margins; light green; aphanitic. Dark brown fine grained groundmass with 10% coarse phenocrysts of uncertain composition (possible dolomite; soft; white; no HCl rxn); <1cm. No apparent strain. No veining. Trace dissem Py; very fine.

201.45 212.80 (FGS) Felsic Gneiss Sedimentary, ( )

FGS as prev. Varying texture and alteration intensity. Alteration (K; silic) is elevated in dm scale segments; grain size appears finer due to strong silicification. Abundant fine veinlets and microfracs with strong K/silic halos; <5mm; chaotic orientations. Fspar porphs are <1cm; subround; ~20%. Low vein density overall. Low to moderate strain overall. Minor elongate biot porphs; imparts foliation. Minor fine dissem Py; elevated proximal to and within veins; aggs are aligned with foliation.

212.80 222.40 (FGS) Felsic Gneiss Sedimentary, ( )

Upper and lower contacts are gradational; no contact angle measured. Varying texture due to varying biot and qz content. Overall 10% qz eyes; subangular; 5-10mm; more prominent in high biot zone. Zone of coarse biot aggs in middle of interval; mm scale elongate aggs impart strong foliation; qz enriched groundmass. Low vein density; 1-2%; mostly deformed and discordant; hosting coarse Py and biot; vuggy; concordant veins comprise grey translucent qz and appear barren. 1% Py present as dissem aggs in litho; aligned with fol; also as coarse aggs in discordant veins. Silicification and K alt are elevated proximal to upper and lower contacts; as dense patches and vein/microfrac halos. Moderate apparent strain.

222.40 229.25 (FGS) Felsic Gneiss Sedimentary, ( )

Gradational upper contact; uncertain angle. Interval begins as massive and siliceous; foliation becomes more developed downhole. Apparent biot content increases downhole; imparts foliation; biot porphs increase in size; <5mm; elongate. Low vein density; <1%; <2mm; chaotic; prominent strong K/Silic halos. Prominent K/Silic alt bleeding around

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

microfracs. 1-2% Py; present as dissem xls; <1mm; organized into loose foliation concordant colonies. Moderate strain intensity overall.

229.25 232.10 (AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Interval begins with intercalated AMP and FGS; cm scale interbeds <10cm. Strongly foliated; undulose; deforms around amp porphs. Dark green groundmass with abundant mm scale amp porphs; 25%. 5% aplitic porphyroclasts; elongate parallel to foliation; cm scale <5cm. No visible alteration. No vis sulfs.

232.10 232.62 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown fine grained LAMP dyke with prominent mm scale plag phenos. Assymetric contacts. No vis sulfs. No vis alt.

232.62 233.75 (AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

As previous AMPG. Strongly foliated; undulose; deforms around amp porphs. Dark green groundmass with abundant mm scale amp porphs; 25%. 5% aplitic porphyroclasts; elongate parallel to foliation; cm scale <5cm. No visible alteration. No vis sulfs.

233.75 251.50 (FGS) Felsic Gneiss Sedimentary, ( )

Weakly foliated. Grey; porphyritic; 20% fspar porphs; subround; <5mm. 10% amp porphs; <2mm; dissem. Coarse euhedral biot; <2mm; 20%; dissem. Trace dissem Py; <1mm; anhedral; locally strong (5% over 15cm; mm scale clots <10mm) proximal to vuggy veins carrying intense epidote crust. Prominent K alt halos on late planar qz-cb veins; <5mm; chaotic orientations. Rare vuggy episote encrusted zones; <20cm; elevated Py. Low strain overall. Low vein density; 1%. Rare pegmatite veins <5cm; planar; <50% Kspar; no vis sulfs.

251.50 252.38 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Intense alteration halo in host FGS; comprises dark grey aphanitic groundmass with abund K altered porphs. Dyke proper comprises fine grained biot-amp-cpx (imparts green colouration). No vis sulfs. Planar contacts. Very fine cb stringers impart weak foliation; <1mm; mm scale spacing. Moderate strain overall.

252.38 261.35 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained siliceous FGS. Moderate to strong silicification throughout. Minor K alt; restricted to halos of veinlets and microfracs. Fine biot porphs throughout; 10%; <1mm; subhedral; dissem. Trace amp; dissem; <0.5mm. Strongly foliated. Weak; patchy epidote alteration. 1% Py; loosely organized into bands; comprising subhedral xls <2mm. Moderate strain overall. Low vein density; <1%; comprises late high angle planar qz-cb veins <5mm;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
strong K halos.										
261.35	**269.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained FGS with 15% fspar/qz porphs; subround; dissem. elevated biot-amp relative to previous; dissem; <1mm. Alignment of biot imparts weak foliation. Trace K alt; present as strong halos on high angle mm scale veinlets. Trace vein density; mostly high angle; planar; white qz-cb; strong alt halos. 1% dissem Py; subhedral; <2mm. Very low strain.								
269.83	**272.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine grained FGS with 10% qz eyes; subround; <2cm; dissem. Mottled dark grey ad pink. Moderate K alt; pervasive; interstitial. Aligned biot imparts foliation; present as lenticular pods and as stringers; moderate; spaced. Occ cm scale pegmatitic veins; <10cm; minor clotty Py; coarse cm scale biot clots. Trace dissem Py in groundmass; mm scale angular clots in veins. Moderate strain overall. 2% vein density; localized.								
272.10	**288.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** Distinct cm scale banding; uncertain nature. Strongly siliceous; felsic; negligible amp. 20% biot; fine xls; alignment imparts moderate foliation. Trace fine dissem Py; anhedral; <0.5mm. Moderate strain. 2-5% vein density; comprises cm scale veins; weakly deformed; mostly foliation concordant. Veins comprise mottled grey-white qz; trace epidote; disoriented biot aggs; cm scale; 2% Py; frac controlled; hackly anhedral aggs.								
288.75	**290.70**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP with fine grained dark grey groundmass and 20% qz and kpar porphs; subhedral; <1cm. Syenitic composition; fspar>qz with sgnificant biot and amp. Weakly foliated. 300% coarse dissem biot; euhedral; <2mm. 10% amp; very fine; massive. No vis sulfs. No veining. Moderate strain intensity.								
290.70	**302.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained FGS; massive; trace foliation. 10% dissem biot; <1mm; euhedral. Trace dissem Py; anhedral; <0.5mm. Low apparent strain. 5% vein density: planar barren veins <20cm; folded qz-biot veins with minor Kspar-epidote; minor sulfs as fine anhedral clots. Occasional preserved primary beds; <5cm; planar. No vis alt.	A74103	300	301	1	0.045	AGAT_FAICP		
			A74104	301	302.5	1.5	0.182	AGAT_FAICP		
302.50	**304.18**	**(AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic Amphibolite** No vis fspar or qz. Very coarse biot porphs; <5mm; 40%. Dark green. No vis sulfs. No vis alt. Strongly foliated. Moderate to strong strain intensity. No veining.	A74105	302.5	303.5	1	0.022	AGAT_FAICP		
			A74107	303.5	304.18	0.68	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
304.18	**306.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Siliceous; fine grained FGS. 10% biot; very fine; dissem. Significant K alt present as strong halos around fracs and veins. Several very low angle qz-Kspar veins; <2cm; late. Several high angle minor pegmatitic veins; <5cm; very coarse xls; minor frac controlled Py clots; <5mm. Moderate to high strain; brittle. 2% vein density. No vis amps	A74108	304.18	305	0.82	0.013	AGAT_FAICP		
			A74109	305	306	1	0.012	AGAT_FAICP		
			A74110	306	306.7	0.7	0.013	AGAT_FAICP		
306.70	**314.75**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Gradational contact with FGS. Much higher felsic content than previous; 30%; dissem Kspar; <5mm. Biot and amp as prev. Moderate to high strain. No vis alt. No vis sulfs. Low vein density: late; very fine qz-cb stringers; <5mm; various orientations. Minor QFP bands; <20cm; proximal to lower contact. Apparent F2 folding recorded in intercalating AMP-FGS.	A74111	306.7	308	1.3	0.572	AGAT_FAICP		
			A74113	308	309	1	0.656	AGAT_FAICP		
			A74114	309	310	1	0.205	AGAT_FAICP		
			A74115	310	311	1	6	AGAT_FAGRA		
			A74116	311	312	1	0.103	AGAT_FAICP		
			A74117	312	313	1	0.173	AGAT_FAICP		
			A74119	313	313.5	0.5	0.176	AGAT_FAICP		
			A74120	313.5	314.35	0.85	0.112	AGAT_FAICP		
			A74121	314.35	315	0.65	0.119	AGAT_FAICP		
314.75	**320.04**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Gradational contact with AMP; minor QFP bands proximal to contact. Apahnitic felsic groundmass with 10% dissem biot; <1mm; euhedral; imparts foliation. strongly silicified throughout. Minor cm scale planar peg bands throughout; <5cm; syenitic. Trace dissem Py; <0.5mm; anhedral. Moderate strain. Low vein density; <1%; mostly PEGs and high angle barren white qz veins (minor Kspar-amp-biot; minor mm scale Py clots).	A74122	315	316	1	0.027	AGAT_FAICP		
			A74123	316	317	1	0.082	AGAT_FAICP		
			A74124	317	318	1	0.022	AGAT_FAICP		
			A74125	318	319	1	0.018	AGAT_FAICP		
			A74127	319	320.04	1.04	0.07	AGAT_FAICP		
320.04	**325.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained FGS with 10% QZE; subround; <1cm; disseminated. No significant alteration. Coarse biot; organized; imparts moderate foliation; 15%. No vis sulfs. No vis alt. Moderate strain. Low vein density; 1%; comprises barren cm scale white qz veins; concordant. Silicified proximal to lower contact.	A74128	320.04	321	0.96	0.091	AGAT_FAICP		
			A74129	321	322	1	0.234	AGAT_FAICP		
			A74130	322	323	1	0.026	AGAT_FAICP		
			A74131	323	324	1	0.027	AGAT_FAICP		
			A74133	324	325	1	0.063	AGAT_FAICP		
325.00	**327.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Gradational upper contact; uncertain orientation. more foliated than previous. Interval comprises minor dm scale amp beds; <30cm. Fine biot and amp porphs; organized; <2mm; imparts spaced foliation. Minor dissem Py; aligned with foliation; <1mm xls. Moderate strain.	A74134	325	326	1	0.15	AGAT_FAICP		
			A74135	326	326.75	0.75	0.055	AGAT_FAICP		
			A74136	326.75	327.6	0.85	0.76	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Low vein density; occ cm scale white qz veins; trace sulfs; minor Kspar vein margins; foliation concordant; weakly deformed (boudin?).										
327.35	**332.79**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Strongly deformed upper contact; faulted/fractured; healed. Fine grained with fine biot-amp porphs; mm scale; organized; imparts foliation. ~50% felsic groundmass. 1% very fine dissem Py; <1mm xls; anhedral. Moderate strain. Low vein density but comprises rare dm scale peg veins; <20cm. Weak; patchy K alt; diffuse.	A74137	327.6	328	0.4	0.287	AGAT_FAICP		
			A74139	328	329	1	0.273	AGAT_FAICP		
			A74140	329	329.35	0.35	0.066	AGAT_FAICP		
			A74141	329.35	330.47	1.12	0.212	AGAT_FAICP		
			A74142	330.47	331	0.53	0.526	AGAT_FAICP		
			A74143	331	332	1	0.818	AGAT_FAICP		
			A74144	332	332.79	0.79	0.542	AGAT_FAICP		
332.79	**336.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Strongly altered FGS. Fine grained; mostly massive; foliated where biot-amp is elevated. Moderate to strong strain. 1-2% vein density; high angle; mostly concordant; rare discordant pegs (dm scale). Patchy K alt throughout; strong proximal to pegs; occ vein halos. Minor Py; dissem; <1mm xls; foliation controlled; also present as minor coarse aggs in veins; <5mm.	A74145	332.79	334	1.21	0.621	AGAT_FAICP		
			A74147	334	335	1	0.081	AGAT_FAICP		
			A74148	335	336	1	0.026	AGAT_FAICP		
			A74149	336	336.95	0.95	0.093	AGAT_FAICP		
336.95	**340.35**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Grades downhole from intermediate to ultramafic. Biot porphs become very coarse proximal to lower contact. Biot grades 20-50%; mm scale. No significant sulfides. High strain. Low vein density; <1%; high angle; <2cm; concordant to foliation.	A74150	336.95	338	1.05	1.18	AGAT_FAICP		
			A74151	338	339	1	0.782	AGAT_FAICP		
			A74153	339	340	1	0.019	AGAT_FAICP		
			A74154	340	340.35	0.35	0.46	AGAT_FAICP		
340.35	**348.15**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Interval begins with strongly K altered segment; ~1m. Weakly foliated. Sparse Fspar-qz porphs; 5%. Fine grained groundmass. Dissem; aligned biot; <1mm; euhedral. Trace Py; dissem; <1%; subhedral; <1mm. Moderate strain. Low vein density; mostly high angle and concordant; mm to cm scale; <10cm; occ minor K alt halos.	A74155	340.35	341	0.65	0.201	AGAT_FAICP		
			A74156	341	342	1	0.156	AGAT_FAICP		
			A74157	342	343	1	0.158	AGAT_FAICP		
			A74159	343	343.54	0.54	0.085	AGAT_FAICP		
			A74160	343.54	344.05	0.51	0.134	AGAT_FAICP		
			A74161	344.05	345	0.95	0.38	AGAT_FAICP		
			A74162	345	346	1	1.24	AGAT_FAICP		
			A74163	346	346.5	0.5	0.746	AGAT_FAICP		
			A74164	346.5	347	0.5	0.753	AGAT_FAICP		
			A74165	347	348.15	1.15	4.16	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
348.15	**351.11**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Weakly to moderately foliated moderately porphyritic medium to coarse grained intermediate AMP. Plag and AMP porphyries present locally throughout the unit. Grain size variation is strong but gradual bands or patches of coarse plag and AMP crystals observed locally. Sharp upper and lower contacts. Equigranular sections verge on gabbro consisting of plag and AMP. Euhedral biotite present throughout matrix as medium to coarse crystals along foliation. Minor Py and trace Po.	A74167	348.15	349	0.85	2.08	AGAT_FAICP		
			A74168	349	350	1	0.629	AGAT_FAICP		
			A74169	350	351.11	1.11	1.33	AGAT_FAICP		
351.11	**353.42**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** Moderately to strongly foliated medium to coarse grained ultramafic AMP consisting of biotite and amphiboles. AMP porphyries may be porphyroclasts as they are elongated along foliation. Patches of coarse biotite observed locally. Trace Py. Numerous small white random veinlets.	A74170	351.11	352	0.89	0.554	AGAT_FAICP		
			A74171	352	353	1	0.37	AGAT_FAICP		
			A74173	353	353.42	0.42	0.186	AGAT_FAICP		
353.42	**355.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Weakly to moderately foliated moderately porphyritic medium to coarse grained intermediate AMP. AMP porphyries present locally throughout the unit. Grain size variation is strong but gradual bands or patches of coarse plag and AMP crystals observed locally. Sharp upper and lower contacts. Euhedral biotite present throughout matrix as medium to coarse crystals along foliation. Minor Py and trace Po.	A74174	353.42	354	0.58	0.029	AGAT_FAICP		
			A74175	354	355	1	0.454	AGAT_FAICP		
			A74176	355	355.7	0.7	0.355	AGAT_FAICP		
355.70	**357.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderately foliated fine to medium grained FGS with weak quartz eye texture locally. Minor bands and one small 10cm section shows increased AMP content. Two small veins present within section. Trace Py.	A74177	355.7	356.5	0.8	0.147	AGAT_FAICP		
			A74179	356.5	357	0.5	0.357	AGAT_FAICP		
			A74180	357	357.65	0.65	0.214	AGAT_FAICP		
357.65	**359.02**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Moderately to weakly foliated fine to medium grained intermediate AMP. Grain sized variation observed locally as gradual banding. Coarse grained rounded patches of AMP are observed locally. Plag is present pervasively in slightly variable amounts. Py and Po observed pervasively.	A74181	357.65	358.5	0.85	0.207	AGAT_FAICP		
			A74182	358.5	359.02	0.52	0.378	AGAT_FAICP		
359.02	**359.42**	**(FGS) Felsic Gneiss Sedimentary, ( )** Short section of moderately foliated quartz eye textured FGS. Minor thin euhrdeal biotite crystals within the matrix. Trace Po and Py. Sharp contacts.	A74183	359.02	359.42	0.4	0.023	AGAT_FAICP		
359.42	**360.78**	**(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)	A74184	359.42	360	0.58	0.443	AGAT_FAICP		
		Moderately to weakly foliated fine to medium grained intermediate AMP. Grain sized variation observed locally as gradual banding. Coarse grained rounded patches of AMP are observed locally. Plag is present pervasively in slightly variable amounts. Py and Po observed pervasively.	A74185	360	360.78	0.78	0.093	AGAT_FAICP		
360.78	**361.69**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (Bl, AM)**	A74187	360.78	361.69	0.91	0.007	AGAT_FAICP		
		Moderately foliated fine to medium grained DIO P2 with coarse plag porphyries throughout matrix. Thin euhredral crystals along foliation within matrix. Sharp upper contact. Lower contact is a spin. Trace Py and Po.								
361.69	**362.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A74188	361.69	362.2	0.51	0.011	AGAT_FAICP		
		Foliated fine to medium grained FGS. Minor biotite within matrix as thin elongated crystals along foliations. One small discordant PEG vein observed. Upper contact was a grinded in a spin. Trace Py and Po.								
362.20	**362.65**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (Bl, AM)**	A74189	362.2	362.65	0.45	0.015	AGAT_FAICP		
		Moderately foliated fine to medium grained DIO P2 with coarse plag porphyries throughout matrix. Thin euhredral crystals along foliation within matrix. Minor AMP crystals within matrix. Sharp upper and lower contact. Trace Py.								
362.65	**363.74**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A74190	362.65	363.74	1.09	0.039	AGAT_FAICP		
		Fine to medium grained morderately foliated FGS. Weak plag porphyries observed pervasively. Biotite present within matrix as fine thin euhedral crystals along foliation. Trace disseminated Py and Po. Sharp upper and lower contacts.								
363.74	**364.05**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74191	363.74	364.15	0.41	0.031	AGAT_FAICP		
		Coarse to very coarse grained pegmatite containing pink k-spar and white plag and qtz. Minor biotite and AMP observed within grain boundaries. Sharp contacts. Trace Py and Po within grain boundaries.								
364.05	**365.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A74193	364.15	365.2	1.05	0.034	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite rich FGS. Upper section has enriched biotite content and gradually transitions into a short 10cm wide AMP section which then gradually becomes a more typical FGS unit with weak quartz eye texture. K alteration increase from none to moderate within the 0.5m above the lower contact with the ultramafic dyke. Trace to minor diss Py and Po.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
365.20	**366.85**	**(UMD) UM\LAMP Dike, ( )** Fine grained undetermined ultramafic dyke (maybe a LAMP) with minor K alteration above and below. The upper contact also shows brecciation and an irregular contact. The unit is a light green and have several small veinlets with K alteration halos at 366m. No sulfides observed.	A74194	365.2	366	0.8	0.004	AGAT_FAICP		
			A74195	366	366.85	0.85	0.008	AGAT_FAICP		
366.85	**370.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS with K alteration decreasing further from upper contact with the undefined UMD. Sharp upper and lower contact. Minor Py and trace Po as disseminated crystals within the matrix and as thin aggregates along foliation.	A74196	366.85	367.5	0.65	0.049	AGAT_FAICP		
			A74197	367.5	368	0.5	0.035	AGAT_FAICP		
			A74199	368	369	1	0.085	AGAT_FAICP		
			A74200	369	369.5	0.5	0.083	AGAT_FAICP		
			A74201	369.5	370.2	0.7	0.035	AGAT_FAICP		
370.20	**376.43**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated AMP. Texture gradually transitions from slightly porphyritic to equigranular. Numerous small white qtz carb veinlets throughout unit. Trace diss Py and Po.	A74202	370.2	371	0.8	0.029	AGAT_FAICP		
			A74203	371	372	1	0.018	AGAT_FAICP		
			A74204	372	373	1	0.016	AGAT_FAICP		
			A74205	373	374	1	0.208	AGAT_FAICP		
			A74207	374	375	1	0.093	AGAT_FAICP		
			A74208	375	376	1	0.019	AGAT_FAICP		
			A74209	376	376.43	0.43	0.261	AGAT_FAICP		
376.43	**376.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse to very coarse grain granitic PEG containing biotite within grain boundaries. Contacts are sharp. Banding varies in grain size and mineralogy. Trace Po and Py.	A74210	376.43	376.9	0.47	0.176	AGAT_FAICP		
376.90	**377.56**	**(AMP) Amphibolite, ( )** Fine to medium grained strongly to moderately foliated porphyritic AMP with several white veinlets. Sharp upper and lower contacts. Trace Po and Py.	A74211	376.9	377.56	0.66	0.026	AGAT_FAICP		
377.56	**379.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark green black LAMP with xienoliths. Potentially two phases of dyke as seen by fragment abundance and colour. No sulfides observed.	A74213	377.56	378.5	0.94	0.003	AGAT_FAICP		
			A74214	378.5	379	0.5	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
379.00	**379.74**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained strongly to moderately foliated FGG with medium and coarse patches of Muscovite and thin wisps of silliminite within the matrix. Weak K alteration throughout. Sharp upper and lower contacts. Trace diss py.	A74215	379	379.74	0.74	0.14	AGAT_FAICP		
379.74	**382.81**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse to very coarse grained PEG with biotite between grain boundaries. K alteration is observed by pink K-spar crystals. Trace Po and Py. Sharp upper contact and gradational lower contact.	A74216	379.74	380.5	0.76	0.087	AGAT_FAICP		
			A74217	380.5	381	0.5	0.314	AGAT_FAICP		
			A74219	381	381.5	0.5	0.368	AGAT_FAICP		
			A74220	381.5	382	0.5	0.018	AGAT_FAICP		
			A74221	382	382.81	0.81	0.311	AGAT_FAICP		
382.81	**386.46**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated weakly porphyritic FGS with minor biotite. A small boundinaged qtz veins with semi massive pyrite and lesser amounts Po along contacts are observed. Euhedral biotite crystals align along foliation planes. Weak plag/qtz porphyries pervasively. Sharp upper and lower contacts. Trace Py and Po within the matrix.	A74222	382.81	383.5	0.69	0.046	AGAT_FAICP		
			A74223	383.5	384	0.5	0.008	AGAT_FAICP		
			A74224	384	384.56	0.56	0.101	AGAT_FAICP		
			A74225	384.56	385	0.44	0.089	AGAT_FAICP		
			A74227	385	386	1	0.021	AGAT_FAICP		
			A74228	386	386.46	0.46	0.033	AGAT_FAICP		
386.46	**387.69**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained non undeformed dark green black LAMP dyke containing ample xienoliths and serveral very small random carb veinlets. Sharp contacts with very little to no alteration halo. No sulfides observed.	A74229	386.46	387.69	1.23	0.003	AGAT_FAICP		
387.69	**388.55**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse grained stronly foliated porphyroblastic GBFG containing one 10 cm QV. Grain size and garnet abundance increases closer to the QV becoming very coarse along contacts. Gradual contact with the lower AMP unit as biotite and garnet decrease in abundance as amphiboles increase. Trace Po and Py with slight increase as grain size increases. Few Carb veinlets near upper contact with LAMP.	A74230	387.69	388.2	0.51	0.326	AGAT_FAICP		
			A74231	388.2	388.55	0.35	0.259	AGAT_FAICP		
388.55	**392.65**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated weakly banded AMP. Compositional banding is weak and pervasive as biotite and plag increase and decrease in abundance. Locally random small qtz veinlets are observed. One light grey QV within unit has semi massive Py along contacts and is irregular in form (boudinaged but tails diverge?). Gradational upper and lower contacts as biotite and garnet increase in abundance becoming GBFG (GBFG halos around larger QVs within AMP unit). Trace sulfides.	A74233	388.55	389	0.45	0.177	AGAT_FAICP		
			A74234	389	390	1	0.242	AGAT_FAICP		
			A74235	390	391	1	0.27	AGAT_FAICP		
			A74236	391	392	1	0.224	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74237	392	392.65	0.65	0.242	AGAT_FAICP		
392.65	**392.92**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained stronly foliated porphyroblastic GBFG. Grain size and garnet abundance increases closer to the PEG becoming coarse along contacts. Gradual contact with the upper AMP unit as biotite and garnet increase in abundance as amphiboles decrease. Trace Po and Py with slight increase as grain size increases.	A74239	392.65	393.18	0.53	0.522	AGAT_FAICP		
392.92	**393.18**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse to very coarse PEG with light green feldspars within a quartz rich PEG vein semi conformable to foliation. Coarse biotite along contacts and irregularly within the vein itself betweein coarse feldspar and qtz veins. Minor to trace sulfides.								
393.18	**393.91**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained stronly foliated porphyroblastic GBFG. Grain size and garnet abundance increases closer to the PEG becoming coarse along contact. Gradational contact with the lower AMP unit as biotite and garnet decrease in abundance as amphiboles increase. Trace Po and Py with slight increase as grain size increases.	A74240	393.18	393.91	0.73	0.303	AGAT_FAICP		
393.91	**396.95**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated weakly banded AMP. Compositional banding is weak and pervasive as biotite and plag increase and decrease in abundance. Gradational upper and lower contacts as biotite and garnet increase in abundance becoming GBFG (GBFG halos around larger QVs within AMP unit). Trace sulfides.	A74241	393.91	395	1.09	0.234	AGAT_FAICP		
			A74242	395	396	1	0.306	AGAT_FAICP		
			A74243	396	396.95	0.95	0.49	AGAT_FAICP		
396.95	**397.55**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained moderately to stronly foliated porphyroblastic GBFG. Grain size and garnet abundance increases closer to the PEG. Gradual contact with the upper AMP unit as biotite and garnet increase in abundance as amphiboles decrease. Trace Po and Py with slight increase as grain size increases.	A74244	396.95	397.55	0.6	0.35	AGAT_FAICP		
397.55	**397.95**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained grainitic PEG with patches of medium grained FGS within the unit irregularly. Patchy and disseminated Po and lesser amounts Py. Sharp upper and lower contacts. Diffuse contact with FGS patches might be a melt/partial melt relationship.	A74245	397.55	397.95	0.4	0.317	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
397.95	**398.41**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained stronly foliated porphyroblastic GBFG. Grain size and garnet abundance increases closer to the PEG becoming coarse along contacts. Trace Po and Py with slight increase as grain size increases.	A74247	397.95	398.41	0.46	0.821	AGAT_FAICP		
398.41	**399.07**	**(PEG) Pegmatite, ( )** Coarse grained qtz feldspar PEG with local bands and patches of medium grained FGS. One short 15cm section of GBFG at 398.7. Coarse graine biotite observed within the PEG vein as aggregates and patches between coarse crystals and as medium grained crystals within FGS patches and bands locally. Trace Po and Py. Sharp upper and lower contacts.	A74248	398.41	398.71	0.3	0.307	AGAT_FAICP		
			A74249	398.71	399.07	0.36	0.76	AGAT_FAICP		
399.07	**401.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately to strongly foliated biotite rich FGS. Compositonal banding is observed as AMP contact increases and decreases gradually. Sharp upper and lower contacts. One boundinaged QV within unit. Minor K and sericite alteration localy where random veinlets are observed. Trace to minor Po and Py.	A74250	399.07	400	0.93	0.052	AGAT_FAICP		
			A74251	400	400.5	0.5	0.018	AGAT_FAICP		
			A74253	400.5	401.28	0.78	0.017	AGAT_FAICP		
401.28	**401.52**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and white coarse grained PEG with sharp contacts in an area of moderate to strong K alteration. Sharp contacts.								
401.52	**402.84**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately to strongly foliated FGS. Compositional banding is observed where AMP content increased gradually. Unit is moderately to strongly altered unevenly by potassic and sericitic alteration. Trace sulfides. Small Breccia unit observed at 402.56m.	A74254	401.28	401.78	0.5	0.025	AGAT_FAICP		
			A74255	401.78	402.84	1.06	0.708	AGAT_FAICP		
402.84	**404.30**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately to strongly foliated potassic and sericitic altered AMP. Alteration is pervasive and uneven. Upper and lower contact is gradational. Trace sulfides. Numerous random veinlets.	A74256	402.84	403.34	0.5	0.841	AGAT_FAICP		
			A74257	403.34	404.3	0.96	0.225	AGAT_FAICP		
404.30	**408.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with pervasive potassic and sericitic alteration. One small section of fault breccia observed at 405m. Numerous random veinlets and associated alteration and alteration halos throughout section. Trace sulfides.	A74259	404.3	405	0.7	0.062	AGAT_FAICP		
			A74260	405	406	1	0.81	AGAT_FAICP		
			A74261	406	407	1	0.343	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74262	407	407.5	0.5	0.508	AGAT_FAICP		
			A74263	407.5	408.18	0.68	0.311	AGAT_FAICP		
408.20	**408.45**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive white QV with patches of Py within within the vein. Minor amounts of pink k spar.	A74264	408.18	408.48	0.3	0.167	AGAT_FAICP		
408.45	**411.19**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained moderately foliated FGG. Matrix consists of mainly K spar with patches of amphibolite and qtz. Strong to moderate potassic alteration is observed throughout this unit. Several fractures and one small brecciated section are observed throughout this unit. Trace Py.	A74265	408.48	409	0.52	0.216	AGAT_FAICP		
			A74267	409	410	1	0.21	AGAT_FAICP		
			A74268	410	410.5	0.5	0.283	AGAT_FAICP		
			A74269	410.5	411.19	0.69	0.181	AGAT_FAICP		
411.19	**411.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with strong qtz eye texture. Biotite presesnt in minor amounts as euhedral crystals aligned along foliation. Qtz eyes are rounded to subrounded and slightly elongated along foliatons. Short gradational contacts. Trace Py and rare Po.	A74270	411.19	411.9	0.71	0.993	AGAT_FAICP		
411.90	**413.50**	**(FGG) Felsic Gneiss Granitic, ( )** Fine to medium grained moderately foliated FGG containing Muscovite and silliminite. Patches of AMP are observed locally. Mus is observed as patches unevenly distributed within the qtz bio feldspar matrix. Silliminite is observed as thin wisps along foliation planes. Two small QVs are within unit. Trace Py.	A74271	411.9	413	1.1	0.265	AGAT_FAICP		
			A74273	413	413.5	0.5	0.192	AGAT_FAICP		
413.50	**414.22**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium grained moderately to strongly foliated FGS. Euhedral biotite are along foliation within the qtz feldspar matrix. Minor Py and lesser amounts Po.	A74274	413.5	414.22	0.72	0.208	AGAT_FAICP		
414.22	**417.76**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained pink and grey stronly to moderately foliated FGG. Patches of musc amp and sill are observed pervasively within the qtz feldspar matrix. Potassic alteration observed pervasively but varies in intensity. Trace Py and Po.	A74275	414.22	415	0.78	0.136	AGAT_FAICP		
			A74276	415	416	1	0.111	AGAT_FAICP		
			A74277	416	417	1	0.147	AGAT_FAICP		
			A74279	417	417.76	0.76	0.114	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
417.76	**418.56**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium grained moderately to strongly foliated FGS. Euhedral biotite are along foliation within the qtz feldspar matrix. Minor Py and lesser amounts Po. Several small veinlets with weak alteration halos.	A74280	417.76	418.56	0.8	0.084	AGAT_FAICP		
418.56	**420.45**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained pink and grey stronly to moderately foliated FGG. Patches of musc and sill are observed pervasively within the qtz feldspar matrix. Potassic alteration observed pervasively but varies in intensity. Trace Py and Po.	A74281	418.56	419	0.44	0.153	AGAT_FAICP		
			A74282	419	420	1	0.176	AGAT_FAICP		
			A74283	420	420.45	0.45	0.326	AGAT_FAICP		
420.45	**426.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately folaied FGS. Fine euhedral biotite crystals within qtz feldspar matrix along foliations. 70% of this unit is strongly or moderately sericite altered. Numerous random veinlets throughout section. Gradational upper and lower contacts. Trace sulfides.	A74284	420.45	421	0.55	0.626	AGAT_FAICP		
			A74285	421	422	1	0.32	AGAT_FAICP		
			A74287	422	423	1	0.35	AGAT_FAICP		
			A74288	423	424	1	0.621	AGAT_FAICP		
			A74289	424	425	1	0.569	AGAT_FAICP		
			A74290	425	425.5	0.5	0.511	AGAT_FAICP		
			A74291	425.5	426.3	0.8	1.44	AGAT_FAICP		
426.30	**428.64**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately to strongly foliated GBFG. Garnets vary in size and abundance. Biotite varying in size but pervasive. Numerous veinlets observed with little to no alteration halo. Small Dio P2 section from 426.78 to 426.91m. Trace Py and lesser observed Po.	A74293	426.3	427	0.7	1.39	AGAT_FAICP		
			A74294	427	428	1	1.67	AGAT_FAICP		
			A74295	428	428.64	0.64	1.2	AGAT_FAICP		
428.64	**430.54**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark green black LAMP dyke. Xienoliths and several small carb veinlets observed throughout the unit. Lower contact has sericitic alteration. No sulfides observed.	A74296	428.64	429.5	0.86	0.003	AGAT_FAICP		
			A74297	429.5	430.54	1.04	0.08	AGAT_FAICP		
430.54	**432.34**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained strongly to moderately foliated GBFG. Compositional banding is observed as AMP Bio and Plag content and crystal size vary slightly. Upper and lower contacts are sharp. Garnets observed locally where coarse biotite is observed. Most of the unit doesn't have garnets. Minor Py and lesser amounts Po.	A74299	430.54	431	0.46	1.56	AGAT_FAICP		
			A74300	431	431.5	0.5	1.26	AGAT_FAICP		
			A74301	431.5	432.34	0.84	0.791	AGAT_FAICP		
432.34	**432.59**	**(QFP) Quartz Feldspar Porphyry, ( )**	A74302	432.34	432.64	0.3	0.077	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 foliated QFP matrix with coarse white plags phenocyrsts. Sharp contacts. No visible sulfides.								
432.59	**433.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS. Grain size varies slightly. Sharp lower and upper contact. Minor sericitic alteration observed around a tractured/brecciated zone. Trace sulfides.	A74303	432.64	433.2	0.56	0.502	AGAT_FAICP		
433.20	**435.54**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately foliated GBFG. Fine to medium grained garnets observed locally. and fine to medium biotite and Amp observed pervasively. Trace sulfides. Minor compositional banding as Amp and bio increase and decrease inversely.	A74304	433.2	434	0.8	0.732	AGAT_FAICP		
			A74305	434	435	1	0.987	AGAT_FAICP		
			A74307	435	435.54	0.54	0.849	AGAT_FAICP		
435.54	**435.84**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS. Grain size varies slightly. Sharp lower and upper contact. Euhedral biotites along foliation. Trace sulfides.	A74308	435.54	435.84	0.3	0.045	AGAT_FAICP		
435.84	**436.15**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse to very coarse green and grey granitic PEG with very coarse grained euhedral biotite crystals and sharp upper and lower contacts. Low contact has weak alteration. Feldspars in vein are light green grey. No sulfides observed. Minor banding and patches medium grained biotites observed locally.	A74309	435.84	436.15	0.31	0.062	AGAT_FAICP		
436.15	**438.85**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly to moderately foliated GBFG with very little garnets observed. Numerous fine qtz carb veinlets and few small PEG and QVs. Sharp upper and lower contacts. Plag content is pervasive while biotite and AMP increase and decrease inversely. Trace sulfides.	A74310	436.15	437	0.85	2.87	AGAT_FAICP		
			A74311	437	438	1	1.01	AGAT_FAICP		
			A74313	438	438.85	0.85	0.915	AGAT_FAICP		
438.85	**439.13**	**(AMP) Amphibolite, ( )** Medium to coarse grained stronly to moderately foliated porphyritic AMP with sharp contacts. Minor deformation of porphyries is observed but not enough to form strain indicator forms. Qtz carb veins continue throughout this unit. No sulfides observed.	A74314	438.85	439.15	0.3	0.921	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
439.13	**439.43**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly to moderately foliated GBFG with very little garnets observed. Numerous fine qtz carb veinlets and few small PEG and QVs. Sharp upper and lower contacts. Plag content is pervasive while biotite and AMP increase and decrease inversely. Trace sulfides.	A74315	439.15	439.45	0.3	2.16	AGAT_FAICP		
439.43	**440.22**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Large QV1 vein with small bands of GBFG observed locally. Several fractures filled with Amp observed within the vein. No sulfides observed or VG.	A74316	439.45	440.22	0.77	0.271	AGAT_FAICP		
440.22	**441.32**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained lightl green and grey granitic PEG vein with small bands of GFBG within. Medium grained Amp and Bio crystals observed within the PEG between grain boundaires. Minor Po and less amounts Py. Numerous random fractures observed.	A74317	440.22	440.62	0.4	0.651	AGAT_FAICP		
			A74319	440.62	440.92	0.3	0.453	AGAT_FAICP		
			A74320	440.92	441.32	0.4	0.11	AGAT_FAICP		
441.32	**443.32**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly foliated compositionaly banded porphyroblastic GBFG. Amp and Bio content increases and decreases inversely. Garnets are where coarse biotites are observed locally. Several small QVs observed within the unit. Sharp contacts. Trace sulfides.	A74321	441.32	441.82	0.5	3.76	AGAT_FAICP		
			A74322	441.82	442.35	0.53	4.98	AGAT_FAGRA		
			A74323	442.35	442.95	0.6	10.3	AGAT_FAGRA		
			A74324	442.95	443.32	0.37	3.26	AGAT_FAICP		
443.32	**445.53**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained strongly to moderately foliated biotite rich FGS with minor compositional banding as biotite content increases and decreases slightly. Trace sulfides. Short gradational contacts. Several small qtzcarb veinlets.	A74325	443.32	444	0.68	0.242	AGAT_FAICP		
			A74327	444	444.5	0.5	0.066	AGAT_FAICP		
			A74328	444.5	445.53	1.03	0.168	AGAT_FAICP		
445.53	**449.47**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly to moderately foliated porphyroblastic GBFG. Medium to coarse grained disseminated garnets are observed locally where biotite grain size also increases. Minor Po and lesser amounts Py observed pervasively but a ~4cm patch of massive Po is observed 5cm from lower contact. Several small veins present within this unit. Foliation is folded around deformated veins.	A74329	445.53	446	0.47	0.722	AGAT_FAICP		
			A74330	446	447	1	1.26	AGAT_FAICP		
			A74331	447	447.5	0.5	1.3	AGAT_FAICP		
			A74333	447.5	448.1	0.6	1.08	AGAT_FAICP		
			A74334	448.1	448.5	0.4	0.819	AGAT_FAICP		
			A74335	448.5	448.9	0.4	0.468	AGAT_FAICP		
			A74336	448.9	449.47	0.57	1.61	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
449.47	**449.77**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse to very coarse qtz rich PEG with fine grained Amp and Bio between grain boundaries. Sharp upper and lower contacts. feldspars are pink grey and light green. Trace Sulfides.	A74337	449.47	449.77	0.3	0.459	AGAT_FAICP		
449.77	**451.52**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly foliated porphyroblastic GBFG. Several qtz and PEG veins within sections. One small and one large vein show folding and are deformed. Gradational content with the lower FGS. Trace Py Ccp and Po. Foliation between veins and within unit is crenulated and folded. Passive folds observed adjcent to deformed veins.	A74339	449.77	450.5	0.73	3.8	AGAT_FAICP		
			A74340	450.5	451	0.5	2.42	AGAT_FAICP		
			A74341	451	451.52	0.52	5.58	AGAT_FAGRA		
451.52	**457.89**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained strongly to moderately foliated biotite rich FGS. Sharp gradational contacts. Trace sulfides. Few small QVs. Several small thin veinlets randomly throughout unit. Qtz flooding present between 452-453m.	A74342	451.52	452	0.48	12.5	AGAT_FAGRA		
			A74343	452	453	1	9.3	AGAT_FAGRA		
			A74344	453	454	1	0.203	AGAT_FAICP		
			A74345	454	455	1	0.102	AGAT_FAICP		
			A74347	455	456	1	0.163	AGAT_FAICP		
			A74348	456	457	1	0.094	AGAT_FAICP		
			A74349	457	457.89	0.89	0.089	AGAT_FAICP		
457.89	**460.80**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Fine to medium grained moderately folidated compositionally banded footwall AMP. Trace Py and Po with slightly more Po.	A74350	457.89	459	1.11	0.144	AGAT_FAICP		
			A74351	459	460	1	0.202	AGAT_FAICP		
			A74353	460	460.8	0.8	0.089	AGAT_FAICP		
460.80	**464.04**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS. Sharp gradational contacts. Trace sulfides. Several small thin veinlets randomly throughout unit.	A74354	460.8	462	1.2	0.021	AGAT_FAICP		
			A74355	462	463	1	0.026	AGAT_FAICP		
			A74356	463	464.04	1.04	0.021	AGAT_FAICP		
464.04	**465.16**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Fine to medium grained moderately folidated compositionally banded footwall AMP. Trace Py and Po with slightly more Po.	A74357	464.04	465.16	1.12	9.4	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
465.16	**465.56**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A74359	465.16	465.56	0.4	0.098	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite rich FGS. Sharp gradational contacts. Trace sulfides. Several small thin veinlets randomly throughout unit.								
465.56	**465.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74360	465.56	465.9	0.34	0.044	AGAT_FAICP		
		Coarse to very coarse granitic PEG with minor amounts of biotite within grain boundaries. No sulfides observed. Few small fractures or veinlets filled with Amp and biotite.								
465.90	**467.54**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	A74361	465.9	467	1.1	0.029	AGAT_FAICP		
		Fine to medium grained moderately folidated compositionally banded footwall AMP. Trace Py and Po with slightly more Po. CPX patches within the mainly Hbd AMP unit forms the observaed compositional banding.	A74362	467	467.54	0.54	0.04	AGAT_FAICP		
467.54	**471.84**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	A74363	467.54	468	0.46	0.007	AGAT_FAICP		
		Fine to medium grained black dark green LAMP dyke with ample xeinoliths and numerous carb veinlets.	A74364	468	469	1	0.006	AGAT_FAICP		
			A74365	469	470	1	0.008	AGAT_FAICP		
			A74367	470	471	1	0.009	AGAT_FAICP		
			A74368	471	471.84	0.84	0.009	AGAT_FAICP		
471.84	**474.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	A74369	471.84	473	1.16	0.035	AGAT_FAICP		
		Fine to medium grained moderately folidated compositionally banded footwall AMP. Trace Py and Po with slightly more Po. CPX patches within the mainly Hbd AMP unit forms the observaed compositional banding. EOH = 474m	A74370	473	474	1	0.048	AGAT_FAICP		

Hole ID : **BL19-01073**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	220	Easting :	331718.2674	Logged By :	Miguel.Ricardo
Dip :	-79.4	Northing :	5303368.993	Logged By 2 :	
Length :	474	Elevation :	437.0972	Log Start :	28-Feb-2019
Drill Start :	20-Feb-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	7-Mar-2019
Drill Completed :	26-Feb-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Large FGS through hanging wall with minor AMP and mod FGS por; first fault through UMD around 360m; VG at 317.35m in QF vein/veinlet of AMPG. Transitional AMP->GBFG around 370-380m. Going to FGG-GBFG-FGSMU-FGSBI; thin DIOP1. FGS and weak FGG/GBFG with a thin QV1. Hole becomes high altered and faulted around LAMPD dyke swarm between 425-445m; which overprints GBFG/QV1. GBFG picks up strongly after faulting/alteration with minor QV1s. Largest QV1 section between 451-455m with core of strong QV1 between 452.7-453.65m and min-mod QV1/MAM between 454.48-454.79m. Straight into FGS/AMPFW with basal PEG between 465.34-465.93m. EOH=474m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**5.80**	**(OB) Overburden, ( )**								
5.80	**7.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; f-mg FGS with disseminated mg black biotite; trace pot alteration; min-mod QZE texture; no sulphides and min-mod strain. Lower contact sharp to LAMPD.								
7.55	**8.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Grey; black; green; fg LAMPD that has mod-strong f-mg xenoliths throughout. Lower contact sharp to similar FGS as previous unit.								
8.50	**26.08**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; pink; f-cg FGS very similar to pervious unit but with minor QZE texture; minor								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

vuggy sections 1-3cm thick; trace sections 1-3cm of increased biotite/amph and mod pot alteration that contains minor healed factures and shallow TCA carb veinlets. Lower contact weak-mod with decrease in grain size to FGS fg.

26.08 28.00 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; f-mg FGS with very uniform texture; minor pot alteration; minor qze texture that increases down interval and trace carb veinlets. Lower contact is weak and transitional to a transitional FGS.

28.00 28.78 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; green; dark grey; f-mg FGS that is mostly fg with weak vuggy texture with increasing grain size transitional. Lower contact weak-mod to FGS similar to unit at 8.5m.

28.78 49.00 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; white; black; pink; green; f-mg FGS that has mod porphyritic texture; weak biotite-rich 1-3cm inclusions; grain size minor variation throughout unit; LAMPD between 41.97-42.07m; mod carb veinlets with patchy pot halos and min white qtz veins 1-2cm. Lower contact sharp to LAMPD.

49.00 49.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Black; dark grey; fg LAMPD that is mod-strongly magnetic and has min-mod carbonate inclusions near contacts. Lower contact sharp to FGS.

49.80 51.81 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; pink; white; fg FGS that is mod grey altered near LAMPD and pink altered toward lower contact in area of brittle movement; weak healed fault with minor gouge/slickensides at 51.58m; small LAMPD between 50.97-51m. Lower contact moderate to AMPIN.

51.81 52.20 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Green; grey; white; black; fg AMPIN that has minor vuggy texture; 1cm; near lower contact with minor sulphides and overall fg mix of mafic/felsic minerals. Lower contact sharp to FGS unit.

52.20 69.41 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; white; f-mg FGS with patchy porphyritic texture min-mod patchy vugs usually with increased sulphides; minor patchy pot alteration mostly around veinlets but stronger

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		between 60-61.2m; smaller AMPIN band between 66.97-67.15m. Lower contact mod-strong sharp to AMPIN unit.								
69.41	**70.49**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; grey; fg AMPIN that is moderately vuggy; has weak-mod por texture and moderate sub-cm; irregular; felsic/carb bands. Lower contact sharp to FGS; similar to previous.								
70.49	**73.44**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; f-mg FGS that is very similar to previous but with more vugs than por texture but increased grain size at the centre of the unit and finer near the contacts. Unit has min patchy sulphides and massive QF vein at the lower contact to similar AMPIN.								
73.44	**75.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; grey; f-mg AMPIN very similar to the previous AMPIN; slightly less felsic bands; more vugs; minor fg sulphides and mod strain. Lower contact sharp to FGS unit similar to previous.								
75.70	**81.97**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS with mod vuggy texture and weakly clotty content; unit contains min-mod; patchy sulphides; mostly near clotty; irregular veins and min-mod strain. Lower contact weak/gradational to increased grain size FGS.								
81.97	**111.33**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; f-cg FGS with mostly pervasive por texture and patchy QZE texture as well as finer grained sections. QZE strongest between 85.2-87.25m and fine grained sections strongest but patchy between 95.5-101.5m. Lower contact sharp to AMP.								
111.33	**112.95**	**(AMP) Amphibolite, ( )** Green; black; grey; fg AMP that has mod grey/lighter green bands sub-cm to 1cm that are increased in sulphides; mod strain and min vugs. Lower contact sharp to FGS.								
112.95	**113.35**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; f-mg FGS that is mostly uniform with trace por texture of white qtz. Min mm-scale bands of increased biotite and sulphides. Lower contact sharp to AMP that is similar to previous.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

113.35 113.91 (AMP) Amphibolite, ( )

Green; black; grey; fg AMP that is very similar to previous. Folded upper contact; light green sub-cm bands near top that are folded and strong vuggy texture near lower contact that is sharp to FGS.

113.91 114.32 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; white; f-mg FGS that is very similar to previous; less white por texture qtz and biotite-rich bands/clots. Lower contact mod sharp to AMP.

114.32 115.37 (AMP) Amphibolite, ( )

Green f-mg AMP very similar to previous but with trace mm-scale grey/white; carb veinlets and vugs and mg porphyritic amph. Lower contact mod sharp to FGS.

115.37 116.54 (FGS) Felsic Gneiss Sedimentary, ( )

Grey f-mg FGS that is the same as the previous unit but with minor vugs along carb veinlets. Lower contact sharp to AMP.

116.54 118.19 (AMP) Amphibolite, ( )

Green; fg AMP very similar to previous but with slightly more; minor vuggy texture. Min; patchy mm-scale carb veinlets; patchy pyrite; mod strain and trace patchy por amphiboles. Lower contact sharp to FGS.

118.19 119.48 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; white; pink; f-mg FGS that is very similar to previous units but with trace pot alteration; weak por and melt textures. Lower contact sharp to AMP.

119.48 120.50 (AMP) Amphibolite, ( )

Green; grey; f-mg AMP with trace 1-3cm bands of FGS/AMPIN. Unit has minor vugs and sulphides. Strain mod and sulphides mostly within qtz/qtz-fld veinlets. Lower contact sub-planar to FGS.

120.50 121.46 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Grey; f-mg FGS that is similar to previous units; mod foliation with bands of AMP that is

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

green; grey; f-mg between 120.81-121; 121.19-121.24 and 121.32-121.46m; lower contact which is weakly gradational mixed/folded to FGS.

121.46 128.07 (FGS, QFP) Felsic Gneiss Sedimentary, Quartz Feldspar Porphyry, ( )

Grey; white; f-mg FGS with weak-mod patchy por texture; QZE texture patchy but mod-strong 127.3 to end of interval; trace pot halos around carb veinlets; patchy sulphides increased around trace qtz wisps/veinlets; trace melt texture which may just be mod strain; grey; white; f-cg QFP band between 126.31-126.59m. Lower contact sharp to QFP.

128.07 129.75 (QFP) Quartz Feldspar Porphyry, ( )

Grey; white; f-cg QFP which is the same as the band between 126.31-126.59m in previous unit. Lower contact sharp to FGS.

129.75 134.61 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; white; f-cg FGS with strong to mod QZE texture that decreases down interval; unit has minor biotite which increases down interval and amphibole which appears around 134m to end of unit. Mostly consistent texture; min-mod strain; trace to no sulphides. Lower contact weak to FGS with AMP bands.

134.61 137.05 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; green f-cg FGS that is mostly grey and f-mg; minor bands 1-10cm thick; decreasing down interval with f-cg amphiboles; weak melt texutre/qv content and increased sulphides. Strain is mod and lower contact subjective where amphiboles stop to FGS.

137.05 148.23 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; black; f-mg FGS with min-mod variable texture; trace amphiboles; patchy min sulphides; patchy min vugs; min-mod deformation and 2 minor LAMPDs at 137.27-137.33 and 140.29-140.35m. Lower contact sharp to LAMPD.

148.23 150.05 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Black; fg LAMPD with mod-strong magnetism and grey-white inclusions/carb vescicles. Lower contact sharp but irregular to FGS por.

150.05 162.61 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; f-mg FGS with patchy por texture and minor sections of increased biotite; largest between 155.04-155.13m with increased sulphides. Min patchy vugs; min-mod strain and

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
patchy minor sulphides. Lower contact sharp to LAMPD.										
162.61	**163.06**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Dominantly black; fg LAMPD with 2cm upper chill margin and mod-strong healed faulting in the last 6cm of the unit across the lower contact to highly altered FGS por.										
163.06	**186.72**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey; f-mg FGS with minor LAMPD dykelets/cusps up to 168m and alteration from upper LAMPD. Unit has disseminated mg biotite and patchy min-mod por texture. Patchy min vuggy texture and increasing qtz/qtz-fld/qtz-sulphide veins. Minor sections with increased biotite; largest between 183.36 183.54m with minor amphiboles. Lower contact sharp to AMPIN unit.										
186.72	**187.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Green; grey; fg AMPIN that has folded contacts and trace folded; cusp of FGS within unit. Strain min-mod and trace to no sulphides. Lower contact weakly folded to same FGS por.										
187.10	**195.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey; f-mg FGS with disseminated mg biotite and patchy min-mod por texture. Patchy min vuggy texture and trae qtz/qtz-fld/qtz-sulphide veins. Minor sections with decreased biotite and visible foliation. Lower contact weak to FGS unit without por texture.										
195.00	**200.29**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey; fg FGS with reduced biotite; lack/trace por texture; patchy weak-mod strain; lower than previous unit; patchy mod pot halo alteration and trace vugs. Lower contact is sharp to FGS por unit.										
200.29	**200.69**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey; f-mg FGS with disseminated biotite and uniform texture. Small section before sharp contact to FGS with AMP bands/content.										
200.69	**201.12**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey; green; f-mg FGS with min-mod patchy amphibole bands/content; increased biotite; increased patchy min-mod sulphides; trace vugs. Lower contact is weak to FGS por.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
201.12	**210.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; f-mg FGS with disseminated mg biotite and patchy min-mod por texture. Trace vuggy texture near top; minor 1-5cm sections of increased biotite and minor qtz/qtz-fld/qtz-sulphide veins. Strain in min-mod and sulphides patchy min. Lower contact is sharp; shallow to core axis at 2-3cm QV.								
210.90	**214.33**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; grey; f-mg AMPIN with mod variable amphiboles throughout; mod strain and trace/no sulphides. Unit is mostly uniform; becomes more variable around 214m where mg clasts appear and thin UMD dykes; 213.99-214.03 and around lower contact at 214.30-214.33m; which is gradational.								
214.33	**221.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS with disseminated biotite and patchy; min-mod por texture. Minor clots/bands of increased biotite and sulphides. Lower contact weakly visible to beginning of QZE and lower bt FGS.								
221.00	**223.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; f-cg FGS with mod-strong qze texture throughout.								
223.60	**224.79**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** Black; vf-fg LAMPD with mod-strong patchy xenoliths/carb inclusions throughout and min-mod patchy magnetism. Contacts have 1-2cm chill margin and upper contact has QZ vein. Section of highly altered FGS qze between 224.51-224.68m.								
224.79	**227.95**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; green; f-cg FGS with mod-strong; decreasing qze texture and minor green; f-mg; 1-3cm AMP bands that have increased sulphides. Min-mod strain and variable biotite content. Lower contact weakly gradational but evident by end of qze to FGS unit.								
227.95	**232.37**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS with patchy; variable clots/bands of biotite with increased sulphides; min patchy por texture and one AMP band; between 231.76-231.80m. Lower contact sharp to AMPG.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

232.37 236.64 (AMPG) Amphibole Felsic Gneiss, ( )

Green; grey; f-cg AMPG with mod-strong cg porphyroclasts; strong felsic matrix/groundmass from 233m to 235.2m; more mafic on the margins. Lower contact mod and defined by pink felsic bands to AMPG BND.

236.64 239.52 (AMPG, FGS) Amphibole Felsic Gneiss, Felsic Gneiss Sedimentary, ( )

Green; pink; grey; f-cg AMPG with min-mod patchy fg pink/grey felsic bands between 1-2cm; largest between 238.9-239.04m; appear sedimentary/have weak conglomeratic texture. Lower contact sharp to LAMPD.

239.52 240.20 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Black; fg LAMPD with mod-strong xenoliths/carb inclusions and mod carb veinlets parallel to contact. Lower contact sharp to same AMPG.

240.20 241.39 (AMPG, FGS) Amphibole Felsic Gneiss, Felsic Gneiss Sedimentary, ( )

Green; pink; grey; f-cg AMPG similar to previous with min patchy fg pink/grey felsic bands sub-cm to 2cm; appear sedimentary. Lower contact sharp to FGS/DIO unit.

241.39 241.53 (DIO) Diorite, ( )

Grey; white; f-mg DIO/FGS unit that is highly altered in appearance; has unparallel contacts and mod porphyritic texture. May simply be felsic band within same unit but different in appearance due to alteration. Contacts sharp between AMPGs.

241.53 241.82 (AMPG) Amphibole Felsic Gneiss, ( )

Green; black; f-cg AMPG similar to previous but within felsic bands and higher biotite content. Lower contact sharp to FGS unit.

241.82 245.27 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; black; pink; f-mg FGS that is mostly uniform with disseminated biotite. Becomes washed out from alteration from 244.70m. Trace/no sulphides; min-mod strain. Lower contact sharp to UMD.

245.27 246.13 (UMD) UM\LAMP Dike, ( )

Pale green; fg UMD in appearance on margins; larger near upper contact 18cm; 3 at bottom

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		with black; fg LAMPD dyke core. Mod xenoliths/inclusions; mostly in LAMPD section. Lower contact sharp to similar FGS.								
246.13	**246.35**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; pink; f-mg FGS that is altered between UMD/LAMPD dykes. Lower contact sharp to UMD.								
246.35	**247.56**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** Black fg LAMPD with min-mod white and red xenoliths/vescicles; red ones from top of interval to 246.85m. FGS portion between 247-247.24m that is mixed with LAMPD; trace breccia; trace sulphides and intensely altered. Lower contact sharp to FGS.								
247.56	**250.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; pink; f-mg FGS that is mostly unform but has decreasing pot alteration below LAMPD and pot halo alteration around trace shallow carb veins. Minor increase in biotite. Lower contact mod to FGS with increased biotite.								
250.48	**251.17**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS similar to previous but with increased biotite strain and sulphides. Lower contact 5cm of increased biotite to mod sharp transition to PEG/similar FGS.								
251.17	**251.56**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink; grey; m-vcg pegmatite that is mod-strongly mixed with grey; black; f-mg FGS that is very similar to the previous unit but has more sulphides. Lower contact mod; sharp to FGS with bt bands.								
251.56	**252.89**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-cg FGS that has min-mod patchy banding of m-cg biotite and associated sulphides. Lower contact sharp to FGS por texture.								
252.89	**256.71**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS with mod patch por texture which decreases most from 256m to end of interval; disseminated biotite; patchy min cm-scale biotite clasts; trace/no sulphides and min-mod strain. Lower contact sharp to FGS with bt bands.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

256.71 265.50 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; black; f-mg FGS with weak-mod 1-3cm of biotite banding throughout the unit with associated sulphide increases; strain mod and variable over the unit. Larger qtz veins 1m above lower contact. Lower contact sharp at thin LAMPD dyke.

265.50 266.29 (FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )

Grey; black; white; f-mg FGS with mod por texture throughout; no-trace sulphides and min-mod strain. Upper contact obscurred by alteration from thin LAMPD. Lower contact fractured to FGS melt.

266.29 267.28 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; black; white; f-mg FGS with min melt texture and banding of felsic and biotite. Increased min-mod sulphides and mod strain with minor amphiboles. Lower contact is weakly defined by end of melting/banding to FGS.

267.28 271.31 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; f-mg FGS with mod strain decreasing overall and min sulphides; unit has trace por texture and banding. Lower contact sharp to AMPIN/FGS with AMP content unit.

271.31 271.88 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Green; grey; f-mg AMPIN or FGS with disseminated amph very marginal. Minor fg pyrite and mod strain; very homogenous unit. Lower contact sharp to FGS qze.

271.88 273.56 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; white; black; f-cg FGS with mod-strong qze texture that decreases down interval and minor biotite bands with trace amphiboles and minor sulphides; largest between 273.07-273.19m another at 272.6-272.7m. Lower contact weak to plan FGasS.

273.56 280.00 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; pink; black; fg FGS with minor biotite and patchy min-mod red pot alteration; no/trace sulphides and low min-mod strain-plain FGasS. Lower contact sharp to LAMPD.

280.00 283.00 (UMD) UM\LAMP 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; grey; pale green; fg LAMPD that has mod alteration from 280-281m; followed by strong f-cg xenoliths and trace-min carb veinlets. Lower contact sharp to FGS clotty.								
283.00	**286.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink; red; grey; f-cg FGS with pervasive pink/red pot alteration below LAMPD and trace c-vcg clotty dark grey mineral; almost looks like conglo clasts but could be cordierite between 286.7 to end of interval. Lower contact at end of pot alteration and return to FGS texture.								
286.20	**291.63**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; pink; white; f-mg FGS with min-mod melt texture; highest around QF that are minor and dispersed throughout the interval. Trace/no sulphides and mod strain. Lower contact sharp to QFP.								
291.63	**292.25**	**(QFP) Quartz Feldspar Porphyry, ( )** Grey; pink; white; f-cg QFP with most clasts/phenocrysts displaying pink pot alteration directly above LAMPD and trace healed fractures parallel to LAMPD angle. Lower contact sharp; planar.								
292.25	**294.38**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Black; grey; fg LAMPD with consistent texture and strong xenoliths/inclusions throughout. Lower contact sharp to FGS.								
294.38	**296.93**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; pink; fg FGS that is mod altered below LAMPD for ~50cm; becomes weakly banded; bands almost appear conglomeratic; with trace glassy qtz veins visible. Strain mod; no-trace sulphides. Lower contact ?????								
296.93	**297.88**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; black; f-cg FGS with min-mod patchy melt texture; some sections appearing as QF/PEG; strongest at the end of the interval with sharp lower contact to FGS fg.								
297.88	**298.81**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fg FGS with consistent texture; minor banded texture and very boring until lower contact which is weak but defined by clotty texture in FGS.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
298.81	**301.34**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; f-cg FGS that has clotty texture but clots to not appear to be musc/sil/cordi. Unit has mod QF veins that are mostly parallel to foliation; some are dark grey and weakly glassy. Lower contact is weakly defined but at end of clotty texture/QF to FGS with AMP bands.								
301.34	**304.53**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Grey; white; black; f-mg FGS that is weakly banded; has min vugs toward lower contact and has two bands of green; grey; f-mg AMPIN from 301.38-3015m and 301.85-302m. Lower contact mod sharp to FGS por.								
304.53	**306.38**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; f-mg FGS with mod por texture and minor variations in biotite throughout. Lower contact mod sharp to FGS fg.								
306.38	**308.02**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; minor pink; green; fg FGS that has minor thin sub-cm-2cm felsic QF wisps. Lower contact weak-mod to FGS por.								
308.02	**313.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; pink; f-mg FGS with mod patchy por texture and min-mod regular to massive QF veins mostly at the core of the unit. Minor sections of increased biotite/amph sub-cm-3cm that have mm-scale vugs; trace-no sulphides and mod foliation/deformation. Lowe contact very sharp to lower AMPUM.								
313.90	**316.76**	**(AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic Amphibolite** Green; black; grey; white; f-cg AMPUM/AMPGUM; mod-strongly weathered with clay; min carb veinlets and more felsic section/FGSBI between 316.19-316.34m. Lower contact weak-mod with decrease in mafic and increase in felsic minerals to AMPIN/AMP.	B61501	313.9	315	1.1	0.038	AGAT_FAICP		
			B61502	315	316.06	1.06	0.314	AGAT_FAICP		
			B61503	316.06	316.36	0.3	0.302	AGAT_FAICP		
			B61504	316.36	316.76	0.4	0.052	AGAT_FAICP		
316.76	**317.46**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; grey; f-mg AMP/AMPIN unit between AMPUM with mod por texture and min-mod felsic content. Lots of amph but has weak resemblance to DIOP2/DIOHB? Unit has sub-cm pink/red felsic/QF veinlets; one with VG directly in QF at 317.35m. Lower contact mod-strong to AMPUM/AMPGUM.	B61505	316.76	317.11	0.35	1.21	AGAT_FAICP		
			B61507	317.11	317.46	0.35	0.636	AGAT_FAICP	Yes	VG at 317.35m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
317.46	**318.00**	**(AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic Amphibolite** Green; black; grey; white; f-cg AMPUM/AMPGUM; similar to previous unit with mod-strongly weathered with clay; min carb veinlets Lower contact weak with subtle increase in pink POR content; DIOHB/DIOP2?	B61509	317.46	318	0.54	1.84	AGAT_FAICP		
318.00	**319.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; grey; f-mg AMP/AMPIN unit between AMPUM with mod por texture and min-mod felsic content; similar to previous but with more pink por content. Lots of amph but has weak resemblance to DIOP2/DIOHB? Lower contact where AMPUM reappears banded with FGSBI.	B61510	318	319.03	1.03	0.199	AGAT_FAICP		
319.00	**319.50**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPUM) Ultramafic Amphibolite** Dark green; black; f-cg AMPUM that is mod-strongly foliated and banded/folded with grey; black; fg FGSBI; which can have minor amphiboles. Lower contact sharp with FGS.	B61511	319.03	319.5	0.47	0.025	AGAT_FAICP		
319.50	**326.43**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; pink; fg FGS with UMD dyke between 323.05-323.1m with mod carbonate and mod healed faulting; causing proximal mod pervasive pot alteration and min carb stringers. Patchy trace sub-cm scale biotite-rich bands and boudinaged regular sized qtz veins. Trace/no sulphides; vugs and min-mod strain. Lower contact	B61513	319.5	320.38	0.88	0.009	AGAT_FAICP		
			B61514	320.38	321.2	0.82	0.019	AGAT_FAICP		
			B61515	321.2	321.9	0.7	0.276	AGAT_FAICP		
			B61516	321.9	322.65	0.75	0.014	AGAT_FAICP		
			B61517	322.65	323.17	0.52	0.06	AGAT_FAICP		
			B61519	323.17	324.26	1.09	0.038	AGAT_FAICP		
			B61520	324.26	325.33	1.07	0.071	AGAT_FAICP		
			B61521	325.33	326.43	1.1	0.06	AGAT_FAICP		
326.43	**330.39**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Grey; white; f-mg FGS with trace-min f-mg muscovite; patchy qtz-qtz/sulphide veins; minor cm-scale bt bands; which increase down interval. Lower contact weak; subjective where biotite increases and presence of amphiboles to FGSMU with bands.	B61522	326.43	327.42	0.99	0.053	AGAT_FAICP		
			B61523	327.42	328.4	0.98	0.026	AGAT_FAICP		
			B61524	328.4	329.39	0.99	0.101	AGAT_FAICP		
			B61525	329.39	330.39	1	0.148	AGAT_FAICP		
330.39	**333.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Grey; white; black; f-mg FGSMU that is very similar to pervious but with slightly less musc	B61527	330.39	331.1	0.71	0.04	AGAT_FAICP		
			B61528	331.1	331.79	0.69	0.128	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		and more bt; which is present as patchy slight increases in bands with trace patchy amphibole. Lower contact moderate to AMPIN/FGSMU unit.	B61529	331.79	332.22	0.43	0.217	AGAT_FAICP		
			B61530	332.22	333.38	1.16	0.083	AGAT_FAICP		
333.38	**336.15**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	B61531	333.38	334	0.62	0.356	AGAT_FAICP		
		Green; grey; f-mg AMPIN/AMP which is gradational and variably banded throughout the interval with generally 5-30cm bands of FGS/FGSBI that has variable amphiboles. Sulphides are min-mod; patchy and higher in AMP sections. Strain is mod and lower contact sharp to FGS with AMP bands.	B61533	334	334.58	0.58	0.489	AGAT_FAICP		
			B61534	334.58	335.2	0.62	0.318	AGAT_FAICP		
			B61535	335.2	336.15	0.95	0.368	AGAT_FAICP		
336.15	**338.85**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )**	B61536	336.15	336.72	0.57	0.345	AGAT_FAICP		
		Grey; pink; f-mg FGS dominant that contains weak-mod amount of 1-15cm bands of AMP; two largest between 336.72-336.88m and 337.83-338m. Unit contains mod qtz (at top) and qtz-fld (toward bottom) pegmatitic veins in the FGS portion and minor carb veinlets in AMP. Lower contact sharp to AMP.	B61537	336.72	337.36	0.64	1.03	AGAT_FAICP		
			B61539	337.36	338	0.64	0.401	AGAT_FAICP		
			B61540	338	338.85	0.85	0.055	AGAT_FAICP		
338.85	**340.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	B61541	338.85	339.48	0.63	0.229	AGAT_FAICP		
		Green; grey; pink; f-mg AMPIN/AMP unit that contains variable felsic/mafic content in min-mod bands/clots as green; pale green; pink; grey and white. Trace/no sulphides and mod strain. Lower contact is folded with FGS.	B61542	339.48	340.1	0.62	0.068	AGAT_FAICP		
340.10	**342.04**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B61543	340.1	341.07	0.97	0.012	AGAT_FAICP		
		Grey; black; pink; fg FGS with minor sections of increased biotite and associated sulphides; most siginficant between 340.77-340.9m. Minor pot alteration around veinlets/at upper contact. Lower contact sharp to AMP-AMPG.	B61544	341.07	342.04	0.97	0.026	AGAT_FAICP		
342.04	**344.85**	**(AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic Amphibolite**	B61545	342.04	342.78	0.74	0.039	AGAT_FAICP		
		Green; black; f-cg AMP/AMPG unit that is transitional between the two; overall more felsic at top of unt; with largest most felsic-FGS section at 342.53-342.66m; and becomes more mafic at 343.29m resembling AMPUM.	B61547	342.78	343.29	0.51	0.063	AGAT_FAICP		
			B61548	343.29	344.07	0.78	0.057	AGAT_FAICP		
			B61549	344.07	344.85	0.78	0.401	AGAT_FAICP		
344.85	**348.94**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B61550	344.85	346.02	1.17	0.202	AGAT_FAICP		
		Grey; pink; black; f-mg FGS with approximately 10% of unit bands of FGSBI with increased sulphides; largest between 347.43-347.58m. Moderate pot alteration from upper contact decreasing down interval ending at FGSBI at 347.43m. Lower contact weak-mod gradational to FGS qze.	B61551	346.02	347.2	1.18	0.13	AGAT_FAICP		
			B61553	347.2	347.68	0.48	0.234	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B61554	347.68	348.94	1.26	0.124	AGAT_FAICP		
348.94	**351.78**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; black; f-cg FGS with mod-strong qze texture throughout and minor FGS banding; largest between 349.68-349.84m and min-mod increase in biotite from 351 to end of interval; sharp contact to FGSBI. Mod-strong fracturing between 350.68-350.85m; appears mechanical.	B61555	348.94	349.68	0.74	0.173	AGAT_FAICP		
			B61556	349.68	350.08	0.4	0.208	AGAT_FAICP		
			B61557	350.08	351	0.92	0.325	AGAT_FAICP		
			B61559	351	351.78	0.78	0.623	AGAT_FAICP		
351.78	**353.95**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Grey; green; f-mg disgusting looking AMPIN that has minor gradational sections of FGSBI; mostly near the top of the unit between 351.79-351.95 and minor from 351.95-352.62m. Qtz-amyth-sulphide veining between 352.62-352.76m. Lower contact at qtz-sulphide vein to FGSBI.	B61560	351.78	352.51	0.73	2.21	AGAT_FAICP		
			B61561	352.51	352.9	0.39	3.36	AGAT_FAICP		
			B61562	352.9	353.43	0.53	0.377	AGAT_FAICP		
			B61563	353.43	353.95	0.52	0.916	AGAT_FAICP		
353.95	**354.47**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey; black; green; f-cg FGSBI with mod f-cg amphiboles and variable clotty/por texture; mod silica and sulphides; strain is mod. Lower contact to similar unit but with more/coarser amphibole; AMP.	B61564	353.95	354.47	0.52	2.47	AGAT_FAICP		
354.47	**354.94**	**(AMP) Amphibolite, ( )** Green; grey; white; black; m-vcg AMP that has strong variation in grain size; perhaps due to being directly above UMD-fault zone or partial melt texture. Mod sulphides pyr dominant; min-mod biotite and mod-strong silica. Lower contact sharp to UMD.	B61565	354.47	354.94	0.47	0.731	AGAT_FAICP		
354.94	**356.12**	**(UMD) UM\LAMP Dike, ( )** Pale green; green; white; pink; fg UMD that is mod strongly faulted; with mod-strong breccia/healed faulting throughout; healed fault at top switching to breccia with strongest from 355.73 to lower contact. Unit contains mod carb; fracture fill veinlet and possible older healed faulting at the top. Lower contact sharp to similar coloured AMP->AMPIN.	B61567	354.94	355.51	0.57	0.169	AGAT_FAICP		
			B61568	355.51	356.12	0.61	0.009	AGAT_FAICP		
356.12	**358.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; grey; pink f-cg AMP/AMPIN with variable felsic/mafic content throughout; mod altered within fault halo with min-mod pot alteration and mod chlor alteration. Mod strain; trace sulphides. Lower cotnact sharp to FGS.	B61569	356.12	357.11	0.99	0.526	AGAT_FAICP		
			B61570	357.11	358.5	1.39	1.09	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
358.50	**361.58**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**	B61571	358.5	359.34	0.84	0.257	AGAT_FAICP		
Pink; grey; white; f-mg FGS that high almost entirely overprinted from alteration around fault zone. Difficult to discern texture in some locations; possible thin/multiple; pale green; white; fg UMDs between 359-359.22m. Unit has possible weak-mod qze texture within last 40cm before sharp contact to lower AMPIN/FGSBI? texture overprinted.			B61573	359.34	360	0.66	0.341	AGAT_FAICP		
			B61574	360	360.81	0.81	0.207	AGAT_FAICP		
			B61575	360.81	361.58	0.77	0.219	AGAT_FAICP		
361.58	**364.48**	**(AMP) Amphibolite, ( )**	B61576	361.58	362.51	0.93	0.319	AGAT_FAICP		
Mostly green; grey; fg AMP/AMPIN that has variable amounts of amph/bt. Planar folation with minor mg sections; QF veins and carbonate veinelts. Lower cotnact sharp to FGS.			B61577	362.51	363.49	0.98	0.276	AGAT_FAICP		
			B61579	363.49	364.48	0.99	1.4	AGAT_FAICP		
364.48	**365.03**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B61580	364.48	365.03	0.55	0.052	AGAT_FAICP		
Grey; white; black; f-mg FGS with variable colour banding and grain size. Mostly consistent; mod foliation; trace-no sulphides and sharp lower contact to FGS por/DIO.										
365.03	**365.77**	**(DIO) Diorite, ( )**	B61581	365.03	365.77	0.74	0.008	AGAT_FAICP		
Grey; white; f-mg FGS por/DIO; could be DIOP1/NS but only mod; patchy DIO texture. Planar foliation and parallel contacts; minor fg amphiboles and mod disseminated biotite. Lower contact sharp to FGS/FGSBI.										
365.77	**368.43**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B61582	365.77	366.25	0.48	0.011	AGAT_FAICP		
Grey; black; pink; white; f-mg FGS that has 5-30cm banding of biotite variability; some sections closer to FGSBI; between 366.97-367.23 and 367.75-367.8m. Minor sulphides associated with increases in biotite and planar mod strain/foliation. Lower contact sharp to AMPIN/FGSBI unit.			B61583	366.25	366.97	0.72	0.016	AGAT_FAICP		
			B61584	366.97	367.8	0.83	0.042	AGAT_FAICP		
			B61585	367.8	368.43	0.63	0.009	AGAT_FAICP		
368.43	**369.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B61587	368.43	369.19	0.76	0.075	AGAT_FAICP		
Black; green; grey; f-mg FGSBI that has moderate variable amphiboles throughout; overall decreasing down interval; unit could be AMP with mod amphiboles. Planar foliation; mod strain; min-mod sulphides and small MAM-like texture between 369.28-369.42m.			B61588	369.19	369.66	0.47	0.066	AGAT_FAICP		
369.66	**370.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B61589	369.66	370.55	0.89	0.031	AGAT_FAICP		
Grey; black; f-mg FGS with increasing biotite down interval; becoming FGSBI 25cm above lower contact; with more sulphides. Lower contact sharp with AMPG that has high felsic content; biotite near lower contact could be chill margin on AMPG/igneous.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
370.60	**370.80**	**(AMPG) Amphibole Felsic Gneiss, ( )** Grey; green; f-cg AMPG with mod-strong felsic fg background and min-mod m-cg amphibole porphyroblasts. Unit is in contact with 'halos' of FGSBI; could be remnant chill margin.	B61590	370.55	370.85	0.3	0.011	AGAT_FAICP		
370.80	**372.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey; black; white; f-mg FGS with mod banded texture and variation of biotite; strongest felsic section at top to 371.1m and strongest biotite section between 371.8-372.3m; with high; mod sulphides and silica content. Minor patchy cm-scale mafic/amphibole bands and weak-mod boudinage qtz veining. Lower contact mod gradational to FGS.	B61591	370.85	371.73	0.88	0.06	AGAT_FAICP		
			B61593	371.73	372.54	0.81	0.137	AGAT_FAICP		
372.54	**374.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; white; black; f-mg FGS that has weak boring por texture and weak-mod folation/strain. No-trace sulphides; trace garnet unit is transitioning to GBFG and mostly uniform texture throughout. Lower contact sharp to GBFG.	B61594	372.54	373.25	0.71	0.053	AGAT_FAICP		
			B61595	373.25	373.93	0.68	0.019	AGAT_FAICP		
			B61596	373.93	374.75	0.82	0.035	AGAT_FAICP		
374.75	**376.08**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; green f-mg GBFG with weak banding of biottie; patchy trace garnet; trace-min patchy amphiboles; min sulphides and mod foliation. First occurence of weak/transitional GBFG. Lower contact sharp to AMP por.	B61597	374.75	375.3	0.55	0.623	AGAT_FAICP		
			B61599	375.3	376.08	0.78	1.05	AGAT_FAICP		
376.08	**377.69**	**(AMP) Amphibolite, ( )** Green; light green; grey; f-mg AMP with mod-strong mg por texture amphiboles throughout unit except near end from 377.42-377.69m. Mod ser/carb alteration between 376.5-376.9m. No sulphides; mod strain and lower contact sharp with GBFG.	B61600	376.08	376.9	0.82	2.97	AGAT_FAICP		
			B61601	376.9	377.69	0.79	7.05	AGAT_FAGRA		
377.69	**379.47**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; green; f-mg GBFG that is mostly fg; min mineral variability; trace garnet; min-mod sulphides mostly pyr and around larget QS vein at centre of unit with m-cg amphiboles; mod strain and sharp lower contact with similar AMP as above.	B61602	377.69	378.33	0.64	1.16	AGAT_FAICP		
			B61603	378.33	378.74	0.41	0.896	AGAT_FAICP		
			B61604	378.74	379.47	0.73	0.754	AGAT_FAICP		
379.47	**380.72**	**(AMP) Amphibolite, ( )** Green; light green; grey; f-mg AMP similar to previous; with mod-strong mg por texture amphiboles throughout unit; no sulphides; mod strain and lower contact sharp with GBFG.	B61605	379.47	380.72	1.25	0.066	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
380.72	**381.61**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, ( )** Pink; white; grey; black; f-cg pegmatite that is weak-mod partial melt texture and mod pegmatitic; surrounded by black; grey; fg FGSBI; which could be restites from partial melt. Lower contact sharp with AMP por.	B61607	380.72	381.61	0.89	0.144	AGAT_FAICP		
381.61	**383.04**	**(AMP) Amphibolite, ( )** Green; light green; grey; f-mg AMP similar to previous with mod-strong mg por texture amphiboles throughout unit except from 382.52-382.61m. No sulphides; mod strain and lower contact gradational over 5-10cm to FGG/PEG.	B61608	381.61	382.52	0.91	0.131	AGAT_FAICP		
			B61609	382.52	383.04	0.52	0.051	AGAT_FAICP		
383.04	**385.20**	**(FGG) Felsic Gneiss Granitic, ( )** Pink; grey; white; f-cg FGG with patchy musc; sil and larger; diffuse pegmatites. Mod-strong patchy pot alteration; min sulphides and min biotite. Lower contact gradational to FGS.	B61610	383.04	383.5	0.46	0.133	AGAT_FAICP		
			B61611	383.5	383.81	0.31	0.177	AGAT_FAICP		
			B61613	383.81	384.66	0.85	0.323	AGAT_FAICP		
			B61614	384.66	385.2	0.54	0.178	AGAT_FAICP		
385.20	**385.72**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; fg FGS in between similar FGG units. Min-mod sericite alteration; trace sulphides and QV2 vein cusp. Lower contact sharp to similar FGG.	B61615	385.2	385.72	0.52	0.427	AGAT_FAICP		
385.72	**387.71**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )** Pink; grey; beige; white; f-cg FGG with patchy; min-mod clotty musc and sill; min patchy ser alteration; two larger pegmatite veins which appear more as melts; between 385.95-386.3 and 387.23-387.58m. Unit has decreasing FGG texture; lower contact grading toward FGSMU.	B61616	385.72	386.3	0.58	0.632	AGAT_FAICP		
			B61617	386.3	387.23	0.93	0.091	AGAT_FAICP		
			B61619	387.23	387.71	0.48	0.057	AGAT_FAICP		
387.71	**389.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Grey; white; f-mg FGSMU with min patchy fg musc at top; increasing down interval; unit grading to FGG with sil increasing from 389.25m to end of interval. Lower contact is sharp to GBFG.	B61620	387.71	388.45	0.74	0.021	AGAT_FAICP		
			B61621	388.45	389.18	0.73	0.037	AGAT_FAICP		
389.18	**389.68**	**(FGG) Felsic Gneiss Granitic, ( )** Grey; white; f-cg FGG with patchy; min-mod clotty musc and sill; Unit has increasing FGG texture; lower contact sharp to GBFG.	B61622	389.18	389.68	0.5	0.069	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
389.68	**395.61**	**(GBFG, AMP) Garnet Biotite Felsic Gneiss, Amphibolite, ( )** Black; green; grey; fg GBFG with mod-strong variation between biotite and amphibole content; unit is continuously gradationing between GBFG/AMP; with sections between 10-20cm thick. Mod mm-banded patchy sulphides. Trace-no regular and smaller qtz veins and min carb veinelts. Lower contact sharp to FGG.	B61623	389.68	390.09	0.41	0.144	AGAT_FAICP		
			B61624	390.09	390.61	0.52	0.153	AGAT_FAICP		
			B61625	390.61	390.93	0.32	0.312	AGAT_FAICP		
			B61627	390.93	391.6	0.67	0.232	AGAT_FAICP		
			B61628	391.6	392.34	0.74	0.175	AGAT_FAICP		
			B61629	392.34	393.06	0.72	0.148	AGAT_FAICP		
			B61630	393.06	394.08	1.02	0.165	AGAT_FAICP		
			B61631	394.08	394.94	0.86	0.259	AGAT_FAICP		
			B61633	394.94	395.61	0.67	0.536	AGAT_FAICP		
395.61	**395.98**	**(FGG) Felsic Gneiss Granitic, ( )** Grey; white; pink; f-cg FGG with min patchy musc and sill thoughout interval; minor patchy localized melt texture; unit is small band between GBFGs. Lower contact is sharp to GBFG.	B61634	395.61	395.98	0.37	0.116	AGAT_FAICP		
395.98	**396.86**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** Black; green; fg GBFG that is similar to previous unit but with stronger GBFG content and minor amp within section. Mixed with folded/boudinaged QV1 between 396.1-396.33m that has mod sulphides; overall unit has min-mod sulphides and mod-strong strain. Lower contact sharp to FGSMU.	B61635	395.98	396.36	0.38	0.26	AGAT_FAICP		
			B61636	396.36	396.86	0.5	0.432	AGAT_FAICP		
396.86	**398.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU)** **Muscovite-rich FGS** Grey; white; pink; f-mg FGSMU with minor pink alteration; min patchy musc and consistent texture throughout. One massive QF; mod strain and min-mod variation in biotite. Lower contact sharp to GBFG/QV2 section.	B61637	396.86	397.57	0.71	0.136	AGAT_FAICP		
			B61639	397.57	397.87	0.3	0.07	AGAT_FAICP		
			B61640	397.87	398.7	0.83	0.075	AGAT_FAICP		
398.70	**400.83**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )** Black; grey; green; f-cg GBFG that is mostly fg; planar foliation/strain; mod-strong and min amphibole content; largest section between 400.16-400.34m; min patchy mm-banded sulphides. Unit has two larger QV2/PEG between 398.7-399.27m and 400.73-400.83m. Lower contact after PEG/QV2 vein; sharp to FGS.	B61641	398.7	399.27	0.57	0.09	AGAT_FAICP		
			B61642	399.27	400.08	0.81	0.387	AGAT_FAICP		
			B61643	400.08	400.39	0.31	0.458	AGAT_FAICP		
			B61644	400.39	400.83	0.44	0.924	AGAT_FAICP		
400.83	**401.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS with planar; mod foliation/strain; trace-no sulphides; boring usual unit; maybe close to FGSBI and possible trace qze texture. Lower contact sharp to DIOP1.	B61645	400.83	401.83	1	0.122	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
401.83	**402.25**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Grey; pink; f-mg DIOP1 with distinct; mg; pink 'phenocrysts'; some are stretched; mod strain; no sulphdies. Sharp; parallel contacts; lower with FGS qze.	B61647	401.83	402.25	0.42	0.013	AGAT_FAICP		
402.25	**402.56**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink; grey; white; f-cg FGS with min; patchy qze texture strongest near lower contact; strong pot alteration; slightly variable throughout and variable biotite; almost FGSBI at core. Lower contact sharp to AMP weak por.	B61648	402.25	402.56	0.31	0.03	AGAT_FAICP		
402.56	**403.06**	**(AMP) Amphibolite, ( )** Green; grey; f-mg AMP with weak por texture; 'phenos' do not exhibit strong stretch lineation; mod strain; minor patchy sulphides and mostly consistent texture. Lower contact sharp to GBFG fg/PEG.	B61649	402.56	403.06	0.5	0.26	AGAT_FAICP		
403.06	**404.40**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink; white; grey; f-cg PEG that has minor FGG; with mod-strong; patchy breccia; strongest between 403.85-403.98m and is mixed with black; grey; f-mg GBFG that is present from top to 403.30m and 403.98-404.21m; weak banding or folded and also contains weak-mod breccia. Lower contact at end of PEG to GBFG unit.	B61650	403.06	403.36	0.3	0.379	AGAT_FAICP		
			B61651	403.36	403.98	0.62	0.087	AGAT_FAICP		
			B61653	403.98	404.4	0.42	0.267	AGAT_FAICP		
404.40	**405.73**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; f-mg GBFG that has mod-strong variable foliation and strain and mg at top and become more planar and fg through interval. Mod variability in biotite content; no amphibole and min-mod sulphides. Lower contact weak/gradational to FGSBI.	B61654	404.4	405	0.6	0.955	AGAT_FAICP		
			B61655	405	405.73	0.73	0.573	AGAT_FAICP		
405.73	**410.48**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey; black; f-mg FGSBI that has variable biotite throughout; with minor-mod; patchy banding of minerals through interval. Min-mod sulphides and mod-strong strain; min massive QF veins/partial melts; lower contact at QF to FGSBI/FGG.	B61656	405.73	406.48	0.75	0.054	AGAT_FAICP		
			B61657	406.48	407.19	0.71	0.727	AGAT_FAICP		
			B61659	407.19	408	0.81	0.921	AGAT_FAICP		
			B61660	408	408.81	0.81	0.775	AGAT_FAICP		
			B61661	408.81	409.6	0.79	0.465	AGAT_FAICP		
			B61662	409.6	410.48	0.88	0.299	AGAT_FAICP		
410.48	**411.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	B61663	410.48	411.35	0.87	0.463	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Grey; white; pink; f-cg FGSMU that is transitioning from FGSBI to FGG with patchy biotite; patchy increasing muscovite and sillimanite. Mod-strong strain; min sulphides and trace garnets. Lower contact subjective with increase of sil and musc to FGG.	B61664	411.35	411.9	0.55	0.308	AGAT_FAICP		
411.90	**417.28**	**(FGG) Felsic Gneiss Granitic, ( )** Grey; white; pink; brown; f-cg FGG that has low patchy pot alteration; variable min biotite and min-mod clotty f-cg patchy/variable musc and sill. Unit has mod amount of QF veins with and without sulphides. Overall min sulphides; mostly near veins and mod-strong strain. Lower contact mod-sharp to GBFG.	B61665	411.9	412.51	0.61	0.781	AGAT_FAICP		
			B61667	412.51	413.12	0.61	0.401	AGAT_FAICP		
			B61668	413.12	413.61	0.49	0.273	AGAT_FAICP		
			B61669	413.61	414.41	0.8	0.192	AGAT_FAICP		
			B61670	414.41	415.32	0.91	0.25	AGAT_FAICP		
			B61671	415.32	415.74	0.42	0.092	AGAT_FAICP		
			B61673	415.74	416.5	0.76	0.137	AGAT_FAICP		
			B61674	416.5	417.28	0.78	0.242	AGAT_FAICP		
417.28	**418.57**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; white; pink; fg GBFG with mod variability of biotite throughout but least biotite at core of the unit. Min sulphides; associated with biottie and mod-strong planar strain. Lower cotnact at smaller QS veins with decrease of biotite to FGSMU.	B61675	417.28	417.91	0.63	0.251	AGAT_FAICP		
			B61676	417.91	418.5	0.59	0.837	AGAT_FAICP		
418.57	**418.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU)** **Muscovite-rich FGS** Grey; f-mg FGSMU with trace-minor f-mg musc; consistent planar mod strain; trace-min sulphides in lith and stronger in/near upper veins. Lower contact at QV1.	B61677	418.5	418.8	0.3	0.188	AGAT_FAICP		
418.80	**419.14**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT1)** **Quartz flooding +/- AM, PY, PO, etc** Mostly white; green; f-cg QV1 that is mod pegmatitic and contains mod-strong m-vcg sulphides. Unit is mixed with small chunk of FGSMU in the centre. Possibly weakly brecciated and mineralized. Lower contact sharp; highly irregular to FGSMU; similar to previous and unit in this interval.	B61679	418.8	419.14	0.34	0.1	AGAT_FAICP		
419.14	**419.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU)** **Muscovite-rich FGS** Grey; f-mg FGSMU similar to previous but with min f-cg musc; possible trace sill; borderline FGG. Consistent planar mod strain; trace-min sulphides in lith and stronger in/near upper QV1. Lower contact with increased banding to FGSBI.	B61680	419.14	419.8	0.66	0.593	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
419.80	**423.41**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey; black; white; f-mg FGSBI that has strong banded texture; which may be highly strained conglomerate. Unit has min sulphides; two massive QF boudins; minor variation in biotite; mm to cm-scale bands. Banding decreases gradationally to lower contact from 422.7m to FGS across regular vein.	B61681	419.8	420.55	0.75	0.368	AGAT_FAICP		
			B61682	420.55	421.4	0.85	0.871	AGAT_FAICP		
			B61683	421.4	422.25	0.85	1.26	AGAT_FAICP		
			B61684	422.25	422.8	0.55	1.21	AGAT_FAICP		
			B61685	422.8	423.41	0.61	0.553	AGAT_FAICP		
423.41	**423.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; pink; f-mg FGS with consistent texture over most of unit with 2-3cm pink halo around strong breccia with gouge infill from 423.79-423.83m and pink-grey highly altered afterward to lower sharp brecciated contact with UMD.	B61687	423.41	424.02	0.61	0.361	AGAT_FAICP		
423.90	**423.98**	**(UMD) UM\LAMP Dike, ( )** Pale green; beige vf-fg UMD with mod-strong breccia and intense gouge from 423.95-423.97m. Lower contact weak-mod obscured to FGSMU.								
423.98	**425.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Pink; grey; beige; f-mg FGSMU with mostly overprinted texture; minor muscovite visible; moderate breccia with mm-scale healed breccia fractures with different orientations throughout. Lower contact sharp to LAMPD.	B61688	424.02	424.48	0.46	0.205	AGAT_FAICP		
			B61689	424.48	425.12	0.64	0.131	AGAT_FAICP		
425.12	**426.43**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Black; grey; fg LAMPD with strong xenoliths throughout and mod-strong sub-cm scale carbonate veinlets. Min-mod patchy breccia related to upper fault in unit. Lower contact sharp and shunted to highly altered FGS.	B61690	425.12	425.75	0.63	0.016	AGAT_FAICP		
			B61691	425.75	426.43	0.68	0.024	AGAT_FAICP		
426.43	**430.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Red; pink; dark grey; black; fg FGS that is highly overprinted; with mod banding of light/dark unit; difficult to tell if FGS; with mod mm-scale healed breccia throughout. Thin UMD; possibly related to upper fault zone between 428.71-428.73m. Lower contact sharp to LAMPD.	B61693	426.43	427.5	1.07	0.569	AGAT_FAICP		
			B61694	427.5	428.5	1	1.22	AGAT_FAICP		
			B61695	428.5	429.5	1	0.883	AGAT_FAICP		
			B61696	429.5	430.5	1	0.219	AGAT_FAICP		
430.50	**431.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Black; grey; fg LAMPD similar to previous but with mod-strong magnetism and patchy mod xenoliths/inclusions some of which could be larger; highly altered sections of FGS. Lower contact sharp after carbonate veinlet to altered FGS.	B61697	430.5	431.7	1.2	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
431.70	**432.08**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey; black; fg FGS that is highly overprinted; difficult to tell if FGS; with min mm-scale veinlet. Lower contact fractured but appears sharp to LAMPD.	B61699	431.7	432.08	0.38	0.849	AGAT_FAICP		
432.08	**435.81**	**(UMD, GBFG) UM\LAMP Dike, Garnet Biotite Felsic Gneiss, (LAMPD) UMD - Lamprophyre Dyke** Black; grey; fg LAMPD with mod-strong patchy xenoliths and mod sub-cm scale carbonate veinlets. Unit is mixed with highly atlered; black; f-mg (dark black garnets?) most likely GBFG; between 433.5-433.65m; 434-434.45m and 435.4-435.5m that has minor remnant sulphides. Lower contact sharp and shunted to highly altered FGS.	B61700	432.08	433	0.92	0.294	AGAT_FAICP		
			B61701	433	433.95	0.95	0.216	AGAT_FAICP		
			B61702	433.95	434.9	0.95	0.272	AGAT_FAICP		
			B61703	434.9	435.81	0.91	0.01	AGAT_FAICP		
435.81	**436.39**	**(FGS) Felsic Gneiss Sedimentary, ( )** Red; pink; dark grey; black; fg FGS that is highly overprinted; similar to the one at 426.43m; with decreasing pot alteration with min-mod mm/cm-scale decreasing healed breccia/gouge near top; some filled with carb. Lower contact overprinted but sharp to distinct QFP.	B61704	435.81	436.25	0.44	0.429	AGAT_FAICP		
436.39	**436.50**	**(QFP) Quartz Feldspar Porphyry, ( )** Highly altered but distinct QFP texture thin unit between highly altered FGS.	B61705	436.25	436.55	0.3	0.158	AGAT_FAICP		
436.50	**436.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Possibly still QFP but appears similar to previous FGS althought with far less pot alteration. Lower contact sharp to LAMPD.								
436.55	**438.57**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Black; grey; fg LAMPD similar to previous with mod-strong patchy xenoliths and mod sub-cm scale carbonate veinlets. Lower contact after approx 5-10cm mod healed fault/breccia to highly altered GBFG	B61707	436.55	437.52	0.97	0.013	AGAT_FAICP		
			B61708	437.52	438.57	1.05	0.087	AGAT_FAICP		
438.57	**441.48**	**(GBFG, UMD) Garnet Biotite Felsic Gneiss, UM\LAMP Dike, ( )** Grey; black; f-mg GBFG that is highly altered and variable over the interval; difficult to tell if changes are from mineral composition or alteration. Stronger GBFG from top to 438.88; LAMPD that is mod breccia from 438.88-439.43; 'weaker' GBFG/FGSBI from 439.43-440.53m; followed by 'stronger' GBFG brecciated with PEG/QV to 440.82; small chunk of FGSBI/GBFG and strongest fault area near lower contact; mixed with PEG/QV. Min-mod patchy sulphides. Lower contact sharp to bleached UMD.	B61709	438.57	438.88	0.31	2.18	AGAT_FAICP		
			B61710	438.88	439.43	0.55	0.039	AGAT_FAICP		
			B61711	439.43	439.97	0.54	0.21	AGAT_FAICP		
			B61713	439.97	440.53	0.56	0.642	AGAT_FAICP		
			B61714	440.53	440.87	0.34	1.69	AGAT_FAICP		
			B61715	440.87	441.48	0.61	0.271	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
441.48	**441.54**	**(UMD) UM\LAMP Dike, ( )** Beige; pale green; grey; vf-fg UMD that has strong thin gouge/slickenside surface at upper contact. Unit is highly altered and the lower contact of large diffuse fault zone. Sharp mostly obscurred contact to lower GBFG.								
441.54	**442.77**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; green; moderately consistent GBFG except for bleached and/or FGS section from top to 441.65m and thin weak MAM-like band between 442.55-442.61m; or just thin AMP band. Lower contact sharp to QV2.	B61716	441.48	441.78	0.3	0.687	AGAT_FAICP		
			B61717	441.78	442.47	0.69	3.17	AGAT_FAICP		
			B61719	442.47	442.77	0.3	1.95	AGAT_FAICP		
442.77	**443.12**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Milky white; boring QV2 with weak partial melt; sulphides at subplanar contacts. Lower contact sharp to FGSBI.	B61720	442.77	443.12	0.35	0.022	AGAT_FAICP		
443.12	**443.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey; black; f-mg FGSBI borderline FGS with consistent mod strain/texture; min sulphides and sharp lower contact to GBFG.	B61721	443.12	443.42	0.3	0.308	AGAT_FAICP		
443.38	**445.18**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; maroon; f-cg GBFG with mod-strong subplanar foliation/strain; patchy trace-min regular sized grey QV1 and banding of m-cg garnet. Lower contact sharp to AMP por.	B61722	443.42	444.26	0.84	1.15	AGAT_FAICP		
			B61723	444.26	445.1	0.84	0.792	AGAT_FAICP		
445.18	**445.35**	**(AMP) Amphibolite, ( )** Green; f-mg AMP with wea-mod por texture and minor felsic content including carb veinlets. No sulphides and mod-strong strain. Lower contact sharp; same as top to similar GBFG.	B61724	445.1	445.4	0.3	0.332	AGAT_FAICP		
445.35	**449.20**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; maroon; f-cg GBFG; similar to previous but with weak-mod patchy banding of m-cg garnet and biotite. Trace-min regular sized grey QV1 and larger QV1/QV2 that are pegmatitic and boudinaged. Lower contact sharp to AMP por.	B61725	445.4	446.38	0.98	1.38	AGAT_FAICP		
			B61727	446.38	447.38	1	1.35	AGAT_FAICP		
			B61728	447.38	447.68	0.3	0.739	AGAT_FAICP		
			B61729	447.68	448.29	0.61	1.45	AGAT_FAICP		
			B61730	448.29	448.9	0.61	0.908	AGAT_FAICP		
			B61731	448.9	449.2	0.3	2.2	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
449.20	**449.32**	**(AMP) Amphibolite, ( )** Green; f-mg AMP that is similar to previous; with mod por texture and minor AMPG texture. Trace banded sulphides and mod-strong strain. Lower contact sharp; same as top to similar GBFG.								
449.32	**451.31**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; maroon; f-cg GBFG with mod-strong subplanar foliation/strain some trace signs of folding strongest at 450.78m and 451.05m QV; patchy trace-min regular sized grey QV1; min-mod sulphides and banding of m-cg garnet. Lower contact sharp to AMP por.	B61733	449.2	449.5	0.3	0.619	AGAT_FAICP		
			B61734	449.5	450.4	0.9	1.56	AGAT_FAICP		
			B61735	450.4	451.31	0.91	1.78	AGAT_FAICP		
451.31	**452.05**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; grey; green; white; f-cg GBFG that has min-mod amphibole content; starting as clotty in first 30cm going to weak-mod banding; weak MAM texture; min silica within interval. Lower contact mod sharp to GBFG with mod QV1 content.	B61736	451.31	452.05	0.74	2.35	AGAT_FAICP		
452.05	**452.70**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** Black; grey; f-mg GBFG with mod-strong regular-massive folded/boudinaged QV1 throughout interval and min-mod silica flooding. Contacts boudinaged; non-planar; mod-strong sulphides and strong strain. Lower contact sharp to larger QV1; heart of zone.	B61737	452.05	452.37	0.32	8.59	AGAT_FAGRA		
			B61739	452.37	452.7	0.33	2.83	AGAT_FAICP		
452.70	**453.65**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Grey; white; f-mg QV1 that has highly mixed/folded/boudinaged with GBFG; strong sulphides; strong strain and weak-mod pegmatitic throughout. High variability. Lower contact at decrease in silica to GBFG->QV1 dominant unit.	B61740	452.7	453.18	0.48	6.19	AGAT_FAGRA		
			B61741	453.18	453.65	0.47	1.06	AGAT_FAICP		
453.65	**454.12**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** Black; grey; f-mg GBFG with mod-strong regular-massive folded/boudinaged QV1 throughout interval and min-mod silica flooding; very similar to previous GBFG/QV1 unit but with mod pegmatitic texture and slightly less silica. Contacts planar; mod-strong sulphides and strong strain. Lower contact sharp to FGS junk.	B61742	453.65	454.12	0.47	9.7	AGAT_FAGRA		
454.12	**454.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; green; fg FGS that has strong reduction in silica; sulphides; strain and mineralization. Unit is in sharp contact with upper GBFG/QV1. Lower contact gradational over 1-5cm with increase of weak amphibole bands and silica to MAM-like unit.	B61743	454.12	454.48	0.36	1.3	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
454.48	**454.79**	**(QV, MAM) Quartz Vein, Mottled Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Grey; white; vf-fg silica flooding; QV1 pervasive through; green; grey; f-cg MAM that has mod-strong; variable banding. Unit has min-mod sulphides and mod-strong strain. Lower contact is gradational with decrease of amphibolite and silica.	B61744	454.48	454.79	0.31	2.96	AGAT_FAICP		
454.79	**459.01**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; green; black; f-mg FGS trash; with trace-mod cm-scale AMP bands; min-mod strain; trace-min sulphides; planar foliation; overall boring; min-mod patchy spider veinlets. Lower contact sharp to AMPFW.	B61745	454.79	456	1.21	0.241	AGAT_FAICP		
			B61747	456	457	1	0.076	AGAT_FAICP		
			B61748	457	458	1	0.063	AGAT_FAICP		
			B61749	458	459.01	1.01	0.07	AGAT_FAICP		
459.01	**462.41**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Green; grey; white; f-cg AMPFW with mod-strong variable banding and min-mod patchy por texture where banding lacking. Mod-strong sulphides; mod strain and minor carb veinelts. Lower contact sharp to LAMPD	B61750	459.01	460.13	1.12	0.741	AGAT_FAICP		
			B61751	460.13	461.29	1.16	0.321	AGAT_FAICP		
			B61753	461.29	462.41	1.12	0.897	AGAT_FAICP		
462.41	**463.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Black; vf-fg LAMPD with strong white/grey xenoliths/carb inclusions and minor carb veinlets parallel to contacts. Lower contact sharp to similar AMPFW.	B61754	462.41	463.65	1.24	0.025	AGAT_FAICP		
463.65	**463.97**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Green; grey; white; f-cg AMPFW similar to previous with mod-strong variable banding and min-mod patchy por texture where banding lacking. Mod sulphides; mod strain and trace carb veinelts. Lower contact sharp to FGS.	B61755	463.65	464	0.35	0.107	AGAT_FAICP		
463.97	**465.34**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS that has min-mod QF/pegmatite veins increasing down interval toward lower contact which is sharp to larger PEG.	B61756	464	464.67	0.67	0.065	AGAT_FAICP		
			B61757	464.67	465.34	0.67	0.022	AGAT_FAICP		
465.34	**465.93**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** White; pink; black; m-vcg pegmatitie with trace amounts of FGS content; highest toward contacts. Lower contact is sharp to similar FGS.	B61759	465.34	465.93	0.59	0.026	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
465.93	**468.76**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS that has min QF/pegmatite veins at top; min-mod carb veinelts; one AMPFW band between 466.87-467.05m similar to previous AMPFW and mod-strong contacts. Strain is min-mod; minor sulphides. Lower contact sharp to AMPFW.	B61760	465.93	466.63	0.7	0.042	AGAT_FAICP		
			B61761	466.63	466.93	0.3	0.034	AGAT_FAICP		
			B61762	466.93	467.84	0.91	0.039	AGAT_FAICP		
			B61763	467.84	468.76	0.92	0.02	AGAT_FAICP		
468.76	**473.46**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Green; grey; white; f-cg AMPFW similar to previous with mod-strong variable banding. Mod sulphides; mod strain and trace carb veinelts. One milky QV2 between 472.95-473.14m. Lower contact sharp to FGS.	B61764	468.76	469.81	1.05	0.098	AGAT_FAICP		
			B61765	469.81	470.85	1.04	0.031	AGAT_FAICP		
			B61767	470.85	471.9	1.05	0.059	AGAT_FAICP		
			B61768	471.9	472.95	1.05	0.037	AGAT_FAICP		
			B61769	472.95	473.4	0.45	0.038	AGAT_FAICP		
473.46	**473.84**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fg FGS pure joy; very consistent texture; min-mod strain; trace sulphides; minor amphiboles. Lower contact sharp to same AMPFW.	B61770	473.4	473.7	0.3	0.012	AGAT_FAICP		
473.84	**474.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Green; grey; white; f-cg AMPFW similar to previous; mod-strong variable banding. Mod sulphides; mod strain and trace carb veinelts. Small sliver before EOH=474m.	B61771	473.7	474	0.3	0.022	AGAT_FAICP		EOH sample; 474m

Newmont

Geological Description with Assays

Hole ID : **BL19-01074**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	5.254	Easting :	333625.8	Logged By :	Gordon.McFadden
Dip :	-77.963	Northing :	5302719.08	Logged By 2 :	Tyler.Compton
Length :	1183.6	Elevation :	443.732	Log Start :	2-Mar-2019
Drill Start :	13-Feb-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	1-Apr-2019
Drill Completed :	18-Mar-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Original collar attempt ended at 18mNW casing when casing broke during shoe bit change. 9mNW casing and a shoe bit lost downhole. Drill was realigned and 2nd attempt started. Gyro IN survey used. Hole logged by G. McFadden at 0-435m and 910m to EOH and T. Compton at 435-910m. Thick section of strong FGG at 888-1004m followed by GBFG with some quartz vein at 1004-1014m. This is followed by a thick diabase dike intruding where the ore zone likley would have been intercepted.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**49.60**	**(OB) Overburden, ( )**								
49.60	**50.00**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Abundant bands of biotie crystals.								
50.00	**51.00**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix.								
51.00	**59.10**	**(DIA) Diabase Dike, ( )**								
		Abundant 1-30 mm xenoliths.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

59.10 60.36 (FGS) Felsic Gneiss Sedimentary, ( )

Unit is DIOUN. Localized 1-3 cm thick pegmatites.

60.36 64.10 (FGC) Felsic Gneiss Conglomerate, ( )

Abundant bands of biotite and/or amphibole crystals. Localized sections of FGS.

64.10 66.28 (DIA) Diabase Dike, ( )

Grain size increases towards bottom of unit.

66.28 66.64 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

66.64 69.88 (DIA) Diabase Dike, ( )

Grain size decreases towards lower contact. Selvage of FGC at 68.7-68.9m.

69.88 78.00 (FGC) Felsic Gneiss Conglomerate, ( )

Abundant bands of biotite and/or amphibole. Localized sections of FGS. Localized 1-10 cm thick granitc pegmatites.

78.00 78.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

78.50 80.12 (FGC) Felsic Gneiss Conglomerate, ( )

Abundant bands of biotite and/or amphibole crystals. Localized sections of FGS. Diabase dike at 79.6-79.8m.

80.12 80.56 (DIA) Diabase Dike, ( )

Diabase dike.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

80.56 86.61 (FGC) Felsic Gneiss Conglomerate, ( )

Abundabt bands of biotite and/or amphibole crystals. Localized sections of FGS.

86.61 98.25 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN. Coarze grained quartz-feldspar crystals. Localized 1-3 cm thick pegmatites.

98.25 101.63 (FGC) Felsic Gneiss Conglomerate, ( )

Abundant bands of amphibole and/or biotite crystals. Localized 3-5 cm thick quartz veins.

101.63 102.11 (AMP) Amphibolite, ( )

Relativly homogenous unit. Possibly a large mafic clast or mafic layer within meta-conglomerate package.

102.11 105.74 (FGC) Felsic Gneiss Conglomerate, ( )

Abundant bands of amphibole and/or biotite crystals. Localized 3-5 cm thick quartz veins. Section of UM/LAMP dike at 104.85-105.10m. Lower unit contact obscured by alteration.

105.74 106.17 (QFP) Quartz Feldspar Porphyry, ( )

Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. Pervasive potassic alteration of unit; particularly of feldspar phenocrysts. Unit contacts obscured by alteration.

106.17 106.78 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Pervassive potassic alteration. Unit contacts are obscured by alteration.

106.78 108.59 (DIO) Diorite, ( )

Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. Pervasive potassic alteration of unit; particularly of feldspar phenocrysts. Unit contacts obscured by alteration. Possible QFP. Quartz rich granitic pegmatite at 107.98-108.20m. Abundant brecciated carbonate veinlets at 106.88-107.49m.

108.59 108.99 (AMP) Amphibolite, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Relativly homogenous unit. Localized 1 cm thick pegmatites clasts.										
108.99	**111.06**	**(DIO) Diorite, ( )**								
Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. Unit is possible QFP. Quartz vein (possible pegmatite) at 109.41-109.59m.										
111.06	**114.28**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized sections with varying grain size. Unit is possible DIOUN. Localized 5-10 cm thick sections of amphibolite. Localized 1-10 cm thick pegmatites.										
114.28	**117.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Abundant bands of medium-coarse grained biottie crystals. Unit is possible a FGC. Localized sections with varying grain size. Gradational upper contact.										
117.00	**120.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized sections with varying grain size. Unit is possible DIOUN. Localized 5-10 cm thick sections of amphibolite. Abundant sections with medium-coarse grained quartz-feldspar crystals.										
120.30	**120.81**	**(AMP) Amphibolite, ( )**								
Localized sections of FGS.										
120.81	**125.91**	**(QFP) Quartz Feldspar Porphyry, ( )**								
Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. Sections of amphibolite at 123.65-123.78m and 124.39-124.62m.										
125.91	**131.82**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized sections with varying grain size. Unit is possible DIOUN. Localized 5-10 cm thick sections of amphibolite. Abundant sections with medium-coarse grained quartz-feldspar crystals.										
131.82	**151.47**	**(FGS) Felsic Gneiss Sedimentary, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Localized sections with varying grain size. Localized sections with increased biotite.
Localized 1-10 cm thick granitic pegmatites.

151.47 152.83 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike. Abundant <1-10 cm thick xenoliths.

152.83 155.11 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized 1-5 cm thick granitic pegmatites.

155.11 156.25 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Selvage of FGS at 155.40-155.64m.

156.25 157.07 (FGS) Felsic Gneiss Sedimentary, ( )

Localized bands with varying grain size.

157.07 157.69 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Granitic pegmatite. Irregular upper contact.

157.69 159.86 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized 1-3 cm thick pegmatite bands. Quartz rich granitic pegmatite at 158.42-158.63m.

159.86 161.25 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

161.25 192.55 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN unit. Localized sections with varying grain size and amphibole percentage. Localized sections with coarse grained amphibole crystals with depleation halos. Localized 1-10 cm thick granitic pegmatites. Sections of pegmatite at 162.3-162.6m and 188.7-188.9m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
192.55	**197.20**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Medium-coarse grained; subhedral; quartz-feldspar phenocrysts and medium grained mphibole crystals within a fine-medium grained felsic matrix. Localized 1-3 cm thick pegmatites.								
197.20	**198.05**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic pegmatite.								
198.05	**199.95**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Unit is possible amphibole rich FGS. Healed fault gouge or UMD at 199.5-199.8m.								
199.95	**203.62**	**(FGS) Felsic Gneiss Sedimentary, ( )** Former DIOUN. Localized 1-5 cm thick pegmatites.								
203.62	**204.60**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Unit is possible amphibole rich FGS. Gradational upper contact.								
204.60	**205.05**	**(FGS) Felsic Gneiss Sedimentary, ( )** Former DIOUN.								
205.05	**206.13**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Possible amphibole rich FGS.								
206.13	**208.21**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. Former DIOUN. Localized 1 cm thick granitic pegmatites.								
208.21	**208.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Unit possible related to previous DIO units.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

208.65 226.56 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN. Localized sections with varying grain size. Localized 1-10 cm thick granitic pegmatites.

226.56 228.04 (DIO) Diorite, (DIOAM) Diorite with amphibole

Unit is possible amphibole rich FGS. Localized 1-5 cm thick granitic pegmatites.

228.04 228.72 (PEG) Pegmatite, ( )

Unit is likely a migmatite.

228.72 230.45 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN.

230.45 233.06 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Selvages of FGS at 232.20-232.35m and 232.45-232.60m.

233.06 236.94 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN. Localized 1-5 cm thick pegmatites.

236.94 237.96 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

237.96 238.92 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN. Localized 5-10 cm thick sections of granitic pegmatite.

238.92 239.27 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

239.27 240.03 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Former DIOUN.										

240.03 240.45 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Granitic pegmatite.

240.45 246.37 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN. Localized sections with varying grain size. Localized bands of coarse grained amphibole porphyroblasts with depleation halos.

246.37 247.69 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Abundant sections with varing grain size and amphibole precentage.

247.69 260.79 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN. Localized sections with varying grain size. Localized sections with coarse grained amphibole porphyroblasts with depleation halos. Localized 1-5 cm thick granitic pegmatites. Section of pegmatite at 253.92-254.08m.

260.79 261.13 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

261.13 263.52 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN. Localized sections with varying grain size and amphibole percentage. Localized 1-5 cm thick pegmatites.

263.52 264.21 (DIO) Diorite, (DIOAM) Diorite with amphibole

Unit is possilbe amphibole rich FGS or AMPIN. Localized vuggy sections.

264.21 264.66 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Granitic pegmatite.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

264.66 265.59 (DIO) Diorite, (DIOAM) Diorite with amphibole

Possible amphibole rich FGS or AMPIN. Localized secions wiht varying grain size. Localized 5 cm thick granitic pegmatites.

265.59 270.82 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN unit. Localized sections with varying grain size.

270.82 272.44 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike. Abundant xenoliths.

272.44 279.35 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN unit. Localized sections with varying grain size. Localized 1-2 cm thick granitic pegmatites. Sections of pegmatite at 273.64-273.80m; 274.10-274.31m; and 275.77-275.96m. UMD at 277.17-277.26m.

279.35 280.41 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Granitic pegmatites. Localized selveges of FGS.

280.41 293.22 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN unit. Localized sections with varying grain size and amphibole percentage. Sections with F2 folding in unoriented core.

293.22 293.57 (QFP) Quartz Feldspar Porphyry, ( )

Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium graines; biotite rich; felsic matrix.

293.57 294.14 (FGS) Felsic Gneiss Sedimentary, ( )

Former DIOUN unit. Localized sections with varying grain size. Section of granitic pegmatite at 294.00-294.14m.

294.14 301.83 (QFP) Quartz Feldspar Porphyry, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium graines; biotite rich; felsic matrix. Localized 5-10 cm thick granitic pegmatites.								
301.83	**302.73**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Former DIOUN unit. Localized sections with varying grain size and amphibole percentage.								
302.73	**305.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Alkalic dike.								
305.00	**307.35**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Localized sections of FGS (former DIOUN). Abundant cm scale; rounded; deformed; felsic clasts within a amphibole rich matrix.								
307.35	**308.87**	**(AMP) Amphibolite, ( )**								
		Localized thin felsic bands.								
308.87	**318.23**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium graines; biotite rich; felsic matrix. Localized 1-3 cm thick granitic pegmatites. Selvage of AMP at 309.07-309.27m.								
318.23	**320.32**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Selvege of FGS with folded contacts at 318.5-318.8m.								
320.32	**321.26**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium graines; biotite rich; felsic matrix. Upper contact is folded and sub-parallel to core axis.								
321.26	**323.29**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Unit is possible DIOAM or amphibole rich FGS. Localized sections with varying amphibole percentage. Weak to moderate potassic alteration with strong potassic alteration near lower unit contact. Fault zone at 323.10m to 323.29m and into the next unit.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

323.29 323.90 (QFP) Quartz Feldspar Porphyry, ( )

Very strong pervasive potassic alteration. Unit only identifyable via texture. Section of healed gouge at 323.7-323.9m.

323.90 327.30 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Localized sections with varying grain size and amphibole percentage. Section of granitic pegmatite at 324.2-324.5m.

327.30 327.65 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Granitic pegmatite.

327.65 328.08 (AMP) Amphibolite, ( )

Localized sections with varying grain size.

328.08 328.61 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Granitic pegmatite.

328.61 331.87 (AMP) Amphibolite, ( )

Localized 1 cm thick pegmatites.

331.87 333.18 (FGS) Felsic Gneiss Sedimentary, ( )

10 cm thick granitic pegmatite at upper unit contact.

333.18 334.16 (AMP) Amphibolite, ( )

Localized 1 cm thick pegmatites.

334.16 337.53 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Localized sections with varying grain size. Sections with F2 folds of an AMP contact. Localized sections with coarse grained amphibole crystals with felsic depleation halos. Healed fault gouge at 336.82-336.92m.										
337.53	**338.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Unit is possible DIOAM. Localized sections with varying grain size.										
338.25	**345.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized sections with varying grain size. Sections with F2 folds of an AMP contacts or amphibole porphyoblast bands. Localized sections with coarse grained amphibole crystals with felsic depleation halos.										
345.40	**345.85**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
Coase gained; ounded quatz cystals.										
345.85	**346.19**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Relativly homogenous unit.										
346.19	**346.71**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
Unit is possible AMPIN. Pervasive potassic alteration. Localized sections with varying grain size.										
346.71	**351.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized sections with varying grain size. Localized 1-3 cm thick pegmatites.										
351.80	**352.60**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
Unit is possilbe AMPIN. Localized sections with varying grain size.										
352.60	**353.41**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Localized selvages of FGS.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

353.41 355.09 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varing grain size. Unit is possilbe DIO. Localized 1-3 cm thick pegmatites.

355.09 357.14 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections of possible FGG.

357.14 357.89 (FGS) Felsic Gneiss Sedimentary, ( )

Biotite rich FGS.

357.89 368.52 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections of possible FGG. Localized biotite rich sections. Localized 1-5 cm thick granitic pegmatites. Pegmatite section at 366.66-366.90m.

368.52 369.51 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

369.51 377.62 (FGS) Felsic Gneiss Sedimentary, ( )

Abundant sections with varying grains size. Coarse grained sections are possible FGG or migmatites. Localized 1-5 cm thick granitic pegmatites.

377.62 378.73 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Unit is possible amphibole rich FGS or DIO. Localized sections with varying grain size.

378.73 379.61 (FGS) Felsic Gneiss Sedimentary, ( )

Localized 5-10 cm thick granitic pegmatites. 16 cm thick quartz vein at lower contact.

379.61 380.34 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Unit is possible amphibole rich FGS or DIO. Localized sections wiht varying grain size.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

380.34 393.21 (FGS) Felsic Gneiss Sedimentary, ( )

Localized section with varying grain size. Localized 1-10 cm thick granitic pegmatites.

393.21 398.36 (DIO) Diorite, (DIOAM) Diorite with amphibole

Unit is possible FGS (former DIOUN). Localized 1-10 cm thick quartz pegmatites.

398.36 402.92 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized 1-3 cm thick UMD's.

402.92 405.24 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Localized sections with varying grain size. Section of FGS at 404.68-404.90m.

405.24 406.52 (FGS) Felsic Gneiss Sedimentary, ( )

Relativly homogenous unit.

406.52 410.88 (AMP) Amphibolite, ( )

Localized sections of AMPIN and AMPUM. Localized sections with varying grain size.
Localized 1-5 cm thick pegmatites.

410.88 411.67 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Minor pegmatite sections with reaction rims on feldspar crystals.

411.67 413.60 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

413.60 414.56 (FGS) Felsic Gneiss Sedimentary, ( )

Localized 1-5 cm thick quartz veins.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

414.56 414.97 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Abundant selveges of FGS and AMPIN.

414.97 415.32 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Localized selveges of biotite rich FGS.

415.32 415.92 (FGS) Felsic Gneiss Sedimentary, ( )

Moderate to strong pervasive potassic alteration. Localized 3-5 cm thick UMD sections.

415.92 417.52 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Thin alkalik dike oriented sub-parallel to core axis. Abundant selveges of AMP.

417.52 419.04 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Unit composed of biotite and amphibole. Localized selveges of FGS.

419.04 422.64 (FGS) Felsic Gneiss Sedimentary, ( )

Localized secitons with varying grain size. Localized 1-3 cm thick pegmatites. Section of AMPUM at 419.27-419.49m.

422.64 423.05 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

423.05 427.97 (FGS) Felsic Gneiss Sedimentary, ( )

Localized secitons with varying grain size. Localized 1-5 cm thick pegmatites.

427.97 429.18 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Biotite; amphibole rock.

429.18 433.28 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Localized secitons with varying grain size. Localized 1-3 cm thick pegmatites.

433.28 435.58 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Biotite; amphibole rock.

435.58 450.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Porphyritic. Varying porph size; 1-5mm; mostly biot with increasing amp content downhole. Minor dissem epidote; content proportional to amp content. Biot is mostly euhedral; alignment imparts moderate to strong foliaiton. Apparent open F2 folds recorded in foliaiton. Porph size and content increases downhole; 5-15%. Trace sulfs: sub mm and dissem in groundmass; <2mm and anhedral in veins. Low vein density overall; 1% or less; mostly late discordant qz-cb veins with prominent K halos; <5mm. Rare cm to dm scale pegmatitic qz veins with trace sulfs. Rare dm scale patches of intense K alt assoc with increased microfrac/brx density; brx healed with green qz-cb-chl? cement.

450.70 451.18 (QV) Quartz Vein, ( )

Pegmatitic qz-kspar vein. Lower conact appears folded. Approx axial plane and fold axis measured. Mottled grey-white translucent qz with chaotic frac controlled Kspar alt (strong) and minor subhedral opq white plag. 3% angular biot aggregates; <1cm; <0.5mm xls; soft; granular. 2% subhedral black amphibole; <5mm; occasionally aggregated. Minor Py; organized into loose colonies; subhedral xls <5mm.

451.18 470.45 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous. Varying texture and grain size. Becomes increasingly silicious downhole; occasional dm scale segments of strong qz flooding. Porphyritic. Varying porph size; 1-5mm; mostly biot with increasing amp content downhole. Minor dissem epidote; content proportional to amp content. Biot is mostly euhedral; alignment imparts moderate to strong foliaiton. Minor sulfs but elevated relative to prev FGS: sub mm and dissem in groundmass; <2mm and anhedral in veins; rare segments <10cm of increased sulf content comprising loose colonies of very fine subhedral Py xls; assoc with qz flooding. Low vein density overall; 1% or less; mostly late discordant qz-cb veins with prominent K halos; <5mm. Rare cm to dm scale pegmatitic qz veins with trace sulfs. Rare dm scale patches of intense K alt assoc with increased microfrac/brx density; brx healed with green qz-cb-chl? cement.

470.45 471.07 (UM) Ultramafic, ( )

Planar UM dyke with dm scale contact halo. Dyke comprises fine dark brown matrix with round light blue (riebeckite?) porphs; <1cm; 25%. Margins are light green; very fine grained; also hosting porphs as present in dyke proper. No vis sulfs. Surrounding FGS host is strongly silicified with moderate to strong pervasive K alt.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

471.07 490.50 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Distinguished from prev FGS by elevated biot and amp present as elongate coarse porphs/aggs imparting foliation; ~25% combined biot-amp. Also characterized by abundant QZE; varying content; 0-15% in dm to m scale segments. QZE are round; <2cm; often K altered. Overall alt intensity increasing relative to prev intervals. Varying biot content; 5-20%; cm scale elongate aggs. Varying amp content; <10%; fine dissem and elongate mm scale aggs; amp content increasing relative to prev intervals. Strongly silicified throughout. Patchy K alt; locally strong; common throughout; elevated in assoc with chaotic microfracs. Fine dissem Py throughout; subhedral; mm scale anhedral clots in veins; <1% overall. Overall vein density increasing relative to prev intervals; comprising white to grey qz often with significant fspar; minor sulfs (Py; <1%); typically strongly deformed exhibiting moderately preserved folding.

490.50 496.53 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Strongly silicified FGS. Distinguished form prev FGS by lack of QZE; reduced amp and biot content; reduced size of porphs. Qz flooding in dm scale segments. 10% biot present as mm scale euhedral xls/aggs. Minor amp and cpx; 3%; anhedral; massive. Trace dissem Py throughout; locally elevated proximal to qz flooding/veining (up to 2% over 10cm). Strongly siliceous throughout. Patchy K alt; locally strong as vein/frac halos. 1-2% vein density overall; late planar qz-cb veins with K halos are most common; rare cm scale qz-fspar veins with minor biot-amp-cpx clots and no vis sulfs. Rare laminated tensionsal veinlets; <1cm; qz-cb with abundant green clay. Foliation is weak to moderately developed.

496.53 496.86 (QFP) Quartz Feldspar Porphyry, ( )

Gradational upper and lower contacts. Qz dominated with lesser Kspar and abundant cpx-amp clots (15%); cm scale; massive; comprising fine euhedral xls (<1mm). 3% Py present as coarse subhedral xls (<5mm) in aggs <2cm; appears assoc with cpx-amp clots. Occ angular biot clots; cm scale <2cm. Folded vein at lower contact.

496.86 504.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Gradational contact with upper unit. Same as previous FGS unit. Qz flooding in dm scale segments. 10% biot present as mm scale euhedral xls/aggs. Minor amp and cpx; 3%; anhedral; massive. Trace dissem Py throughout; locally elevated proximal to qz flooding/veining (up to 2% over 10cm). Strongly siliceous throughout. Patchy K alt; locally strong as vein/frac halos. 1-2% vein density overall; late planar qz-cb veins with K halos are most common; rare cm scale qz-fspar veins with minor biot-amp-cpx clots and no vis sulfs. Rare laminated tensionsal veinlets; <1cm; qz-cb with abundant green clay. Foliation is weak to moderately developed. Occasional cm scale amphibolite beds; <10cm. Well defined lower contact with amphibolite.

504.70 509.00 (AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Amphibolite Coarse grained foliated AMP. No visible qz or plag. 40% biot present as coarse porphs of euhedral xls <1cm; elongate and aligned imparting strong foliation. Remaining groundmass comprises amp-px-olivine. No vis sulfs. Low vein density; rare granitic peg; deformed; altered margins; no vis sulfs. Apparent F2 folding recorded in varying foliation attitude. Inaccurate naming relic; there is nothing felsic about this rock.							
509.00	**513.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Intermediate AMP. Banded; intercalated intermediate and mafic bands; dm scale; <25cm. No vis alt or sulfs. 15% biot present as aligned euhedral aggs; imparts foliation. Rare pegmatitic veins; <5cm; folded; no vis sulfs. Occ cpx-rich bands; planar; cm scale <10cm; fine grained and laminated; light green.							
513.40	**516.47**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS with pervasive K alt and 15% QZE. QZE are subround; <2cm; dissem. Moderate foliation development imparted by aligned biot porphs. 15% biot; euhedral mm scale xls and aggs; aligned. Trace Py; localized mm scale aggs comprising subhedral xls. Low vein density but dm scale granite peg at lower contact.							
516.47	**518.05**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Distinguished from previous AMPs by finer grain size; more equigranular. Weak to moderate foliation; low angle. Occasional porphyroblasic segments; cm scale <10cm. No vis sulfs. 15% biot; mm scale euhedral xls and aggs; aligned; imparts foliation. No vis alt. Low vein density; <1%; fined qz-Kspar veinlets; <5mm; foliaiton concordant.							
518.05	**518.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS grading into granitic PEG. 10% QZE; subround; dissem; <1cm. Very coarse; cm scale biot aggs; 20% overall content; hackly and chaotic. Pervasive K alt throughout. Minor sulfs; mm scale; subhedral Py in loose aggs.							
518.65	**520.82**	**(AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic Amphibolite** UM AMP with significant segments of granitic PEG and deformed veining. 5% veining including PEG; cm to dm scale; <20cm. No vis sulfs in AMP; trace Py in veining/PEG. 20% biot; euhedral xls in mm scale aggs. No vis alt. Inaccurate naming relic; there is nothing felsic about this rock.							

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
520.82	**521.87**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Massive FGS. Grey. Fine biot porphs in aphanitic siliceous groundmass. 20% biot; mm scale porphs; <5mm; random orientations. Trace fine dissem Py throughout; <1mm; anhedral. Folded pegmatitic qz veining at upper contact; 5% veining overall; occ discrete qz blebs elsewhere; round; <5cm. No vis alt. Weak to absent foliation.								
521.87	**527.71**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Intermediate AMP with minor dm scale segments of AMP UM. Weakly foliated. 30% biot; mm scale porphs <5mm; weakly aligned/elongate; imparts weak foliation. AMP UM distinguished by size of biot porphs; <1cm; olivine-cpx groundmass; no qz or fspar.. No vis sulfs. No veining. No vis alt. Strongly deformed felsic masses; rare; cm scale <5cm.								
527.71	**534.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Fine grained FGS with fine dissem biot porphs; 15%; <3mm; weakly aligned; imparts foliation. Moderately siliceous throughout. Localised Kalt assoc with chaotic healed fracturing; halos. 5% veining; pegmatitic; trace dissem Py; cm to dm scale; <20cm.								
534.45	**539.00**	**(AMPG) Amphibole Felsic Gneiss, (AMPUM) Ultramafic Amphibolite**								
		Very coarse grained UM AMP. No visible qz or fspar. Coarse hblend and biot euhedral poprhs (50%) in fine to medium grained olivine groundmass; euhedral. No vis sulfs or alt. Well developed foliation; exhibits strong folding F1/F2 and possible F3? Grades to AMP IN near lower contact. Inaccurate naming relic; there is nothing felsic about this rock.								
539.00	**544.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Gradational contact with uphole unit; grades from UM AMP to AMP IN to FGS. Mostly grey qz-plag with 15% very fine biot porphs; euhedral; <1mm. Significant Kspar alt localised in halos surrounding fine healed fracturing. Rare fine qz-cb veining; planar; <5mm. Rare PEG segment; dm scale <30cm; typical; granitic; trace Py; minor Py. No vis sulfs in litho.								
544.40	**545.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Typical UMD with light green aphanitic altered margins. Minor mm scale rounded porphs; collected near contacts; with assoc trace Py. Margins are strongly foliated.								
545.40	**555.00**	**(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

Moderately altered FGS with up to 15% QZE. Pervasive silcification. Varying K alt; mostly confined to frac/vein halos; locally strong. 20% biot; fine dissem xls and aggs; euhedral; <2mm; alignment imparts weak foliaiton. Texture varies on dm to m scale; massive-foliated-QZE rich. QZE are subround; dissem; <1cm. Trace Py dissem throughout; locally elevated in loose colonies; 2% over 10cm. Very low vein density comprising late qz-cb veinlets; planar; chaotic; <5mm.

555.00 555.40 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Upper contact is not preserved. Not typical UMD; resembles altered margins of typical dyke: light green aphanitic groundmass with sparse dark porphs; unknown comp; very soft; +/- hem. Soft throughout. No vis sulfs.

555.40 556.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Siliceous massive FGS. Massive. Same composition as previous. Minor dissem Py throuhgout; elevated relative to prev units; 1-2% overall; subhedral dissem xls <1mm. Moderate alteration as prev; silicified; K alt halos and patches. Low vein density; ~1%; mostly late qz-cb veinlets (planar; chaotic; K halos); rare deformed cm scale qz veins with mm scale Py clots (unidentified green alt halos); anhedral.

556.70 557.04 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Massive texture. Light green altered margins; aphanitic. No vis sulfs.

557.04 559.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Moderately altered FGS with elevated Py mineralization. 15% QZE; weakly elongate; <2cm. Moderately silicified; pervasive. Locally strong K alt in vein/frac halos. Gradational lower contact with PEG. 2% Py overall; locally 5% over 5cm; dissem; mm scale xls and microfrac controlled flakes. 20% biot; fine dissem euhedral xls; alignment imparts weak foliation. <1% vein density; chaotic qz-cb veinlets with K halos; planar.

559.70 560.60 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Typical granitic PEG; grades into FGS downhole. Biot increases downhole as Kspar decreases. Trace vis Py in PEG proper; becomes elevated downhole with gradation into FGS. 25% biot overall; hackly clots; mm to cm scale. Py dissem and clotty; mm scale <5mm; subhedral.

560.60 567.00 (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 Grey; fine grained FGS. 20% QZE; subround; <2cm; dissem; weakly elongate. 10% biot; dissem; <2mm; euhedral; weak alignment. Alignment of QZE and biot imparts moderately developed foliation. Minor Py; locally significant; up to 3% over 10cm. Minor Kspar alt as halos around veinlets and healed fracs. Negligible veining.								
567.00	**567.50**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Typical pegmatite. 60% qz; 40% fspar (mostly Kspar); with accessory biot (3-5%) present as mm scale clots. Trace Py; dissem; mm scale; anhedral.								
567.50	**580.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as previous. Grey; fine grained FGS. 20% QZE; subround; <2cm; dissem; weakly elongate. 10% biot; dissem; <2mm; euhedral; weak alignment. Alignment of QZE and biot imparts moderately developed foliation. Minor Py; locally significant; up to 3% over 10cm. Minor Kspar alt as halos around veinlets and healed fracs. Low vein density overall; 2%; occasional late qz-cb veinlets with K halos; <5mm; planar; chaotic. Zone of qz-fspar near mid-interval; pegmatitic texture; strongly deformed and segmented. Rare AMP lenses; cm scale.								
580.55	**582.79**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green-white AMP; 40% felsic groundmass. 30% biot; mm scale euhedral xls and aggs. Weak alignment imparts foliation. No vis sulfs.								
582.79	**584.72**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey FGS with aphanitic quartzose groundmass. Highly siliceous. 15% biot; mm scale <2mm; dissem; weak alignement imparts very weak foliation. Unit comprises minor AMP bed; <5cm true thick. Minor K alt present in vein/frac halos. Fine dissem Py throughout; 0.5%; <1mm; subhedral. Negligible veining.								
584.72	**585.69**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Intensely altered AMP; equigranular; weakly foliated. Composition is dominated by amp and biot with lesser qz and Fspar. Intensely K altered; pervasive pink colouration. No visible sulfs. Syenitic appearance.								
585.69	**595.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29%**	B73634	588	589	1	0.013	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	B73635	589	590	1	0.014	AGAT_FAICP		
		Grey; siliceous FGS with 25% QZE. QZE are cm scale <2cm; subround. 15% fine dissem biot; imparts weak foliation. Siliceous throughout. Minor K alt assoc with healed chaotic fracs and veinlets. Low vein density overall; ~1%; qz-fspar veins; cm scale <10cm; occ tightly folded; occ coarse amp clots. Fine dissem Py throughout; <1mm; anhedral. Amp content increases from 0 to 5% approaching lower contact; mm scale lenses; foliation aligned.	B73636	590	591	1	0.017	AGAT_FAICP		
			B73637	591	592	1	0.019	AGAT_FAICP		
			B73639	592	593	1	0.029	AGAT_FAICP		
			B73640	593	594	1	0.023	AGAT_FAICP		
			B73641	594	594.5	0.5	0.03	AGAT_FAICP		
			B73642	594.5	595.2	0.7	0.019	AGAT_FAICP		
595.20	**600.82**	**(DIA) Diabase Dike, ( )**	B73643	595.2	596	0.8	0.007	AGAT_FAICP		
		Massive; aphanitic diabase dyke; Discordant. Comprises m scale (apparent thickness) FGS xenolith. Xenolith is intensely altered; pervasive K alt; syenitic composition with 20% amp clots. Possibly incorporates minor AMP bed. Extreme localized sulfide mineralization; 30% Po-Py clots (cm to dm scale) over 20cm; dissem elsewhere; sulfs restricted to xenoliths. Overall unit is brecciated throuhgout; healed. Upper and lower contacts are sharp but lack contact alteration; mild K alt dissipates away from contacts.	B73644	596	597	1	0.005	AGAT_FAICP		
			B73645	597	598	1	0.065	AGAT_FAICP		
			B73647	598	598.5	0.5	1.23	AGAT_FAICP		
			B73648	598.5	599	0.5	0.018	AGAT_FAICP		
			B73649	599	600	1	0.024	AGAT_FAICP		
			B73650	600	600.82	0.82	0.005	AGAT_FAICP		
600.82	**608.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B73651	600.82	601.7	0.88	0.059	AGAT_FAICP		
		FGS with increasing biot-hblend-fspar content. Equigranular. Varying texture; mostly massive with well foliated segments. Qz content attenuates downhole; grades into mafic (amphibolite) unit. Minor qz flooded segments; cm scale; with assoc dissem Py (mm scale; subhedral; 3% over 20cm). 1% sulfide overall; dissem; subhedral; <1mm. Siliceous throughout. Minor K alt assoc with vein and healed fracs. Low vein density but elevated relative to prev units; 2%; mostly late qz-cb veinlets with K halos; rare cm to dm scale qz-fspar veins with mild K and epidote alt; no signif sulfs.	B73653	601.7	602.5	0.8	0.026	AGAT_FAICP		
			B73654	602.5	603.5	1	0.025	AGAT_FAICP		
			B73655	603.5	604	0.5	0.008	AGAT_FAICP		
			B73656	604	605	1	0.026	AGAT_FAICP		
			B73657	605	606	1	0.018	AGAT_FAICP		
			B73659	606	607	1	0.083	AGAT_FAICP		
			B73660	607	608	1	0.058	AGAT_FAICP		
			B73661	608	608.7	0.7	0.027	AGAT_FAICP		
608.70	**617.50**	**(AMP) Amphibolite, ( )**	B73662	608.7	610	1.3	0.145	AGAT_FAICP		
		Green; fine grained; equigranular; homogeneous. Varying composition but >70% amp with minor biot; interstitial fine plag with minor qz. Fine interbeds of more felsic material; <1cm; often folded. Occ cm to dm scale veining; pegmatitic; comprising white qz-plag with cm scale cpx clots and euhedral actinolite <5cm; 5% Po clots; mm to cm scale <3cm; angular. Cannot discern orientation of vein; appears discordant.	B73663	610	610.8	0.8	0.611	AGAT_FAICP		
			B73664	610.8	611.35	0.55	0.099	AGAT_FAICP		
			B73665	611.35	611.65	0.3	0.234	AGAT_FAICP		
			B73667	611.65	612.5	0.85	0.055	AGAT_FAICP		
			B73668	612.5	613	0.5	0.041	AGAT_FAICP		
			B73669	613	614	1	0.029	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B73670	614	615	1	0.019	AGAT_FAICP		
			B73671	615	616	1	0.057	AGAT_FAICP		
			B73673	616	616.6	0.6	0.455	AGAT_FAICP		
			B73674	616.6	617.5	0.9	0.135	AGAT_FAICP		
617.50	**621.90**	**(MAM) Mottled Amphibolite, ( )** Uncertain litho/protolith. Appears to be intensely qz flooded AMP. Comprises cm scale rounded amp porphs in white siliceous groundmass. Bulk composition: 30-60% mafic; 40-70% felsic. Decimeter scale segments of intense qz flooding with diffuse margins; likley vein; cannot discern orient; comprises coarse amp clots and hackly Po-Cpy aggs (cm scale; up to 30% of visible surface); mm scale sulf clots throughout.	B73675	617.5	618.3	0.8	0.023	AGAT_FAICP		
			B73676	618.3	619	0.7	0.664	AGAT_FAICP		
			B73677	619	619.75	0.75	0.257	AGAT_FAICP		
			B73679	619.75	620.35	0.6	0.528	AGAT_FAICP		
			B73680	620.35	621	0.65	0.179	AGAT_FAICP		
			B73681	621	621.9	0.9	0.136	AGAT_FAICP		
621.90	**628.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS with coarse amp-diopside porphs (mm to cm scale; overall 20%). Varying biot; overall 15%; fine dissem; alignment imparts weak foliation. Fine dissem Po throughout; <1mm; 2%. Characterized by qz banding; mm to cm scale; <2cm; opq white. Occ dm scale qz flooded segments comprising coarse rounded amp porphs; elevated sulfs (subhedral; <2mm). Occ late veinlets and healed fracs with K-silic halos.	B73682	621.9	623	1.1	0.054	AGAT_FAICP		
			B73683	623	624	1	0.063	AGAT_FAICP		
			B73684	624	625	1	0.045	AGAT_FAICP		
			B73685	625	626	1	0.027	AGAT_FAICP		
			B73687	626	627	1	0.137	AGAT_FAICP		
			B73688	627	628	1	0.009	AGAT_FAICP		
628.00	**630.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained; massive; dark brown. No vis sulfs or alt. Sparse; coarse felsic porphs; <1cm; hackly; concentrated near margins.	B73689	628	629	1	0.002	AGAT_FAICP		
630.25	**634.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey FGS with 20% green amp porphs. Porphs are dissem; <5mm; irregular; comingled with biot. No vis sulfs. Negligible veining. Strongly altered dyke contacts; pale green; uncertain mineralogy.								
634.65	**637.60**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** As previous. Fine grained; massive; dark brown. No vis sulfs or alt. Sparse; coarse felsic porphs; <1cm; hackly; concentrated near margins.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

637.60 643.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As previous. Grey FGS with 20% green amp porphs. Porphs are dissem; <5mm; irregular; comingled with biot. No vis sulfs. Negligible veining. Strongly altered dyke contacts; pale green; uncertain mineralogy. Weak K alt; patchy. Abundant blue irridescent "opaline" qz eyes; rounded; <3mm; dissem; 30%

643.00 645.35 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Massive; barren QV. Minor white fspar; clotty; cm scale. Rare amp and biot clots; <1cm; amorphous. Trace Kspar; diffuse; patchy. No vis sulfs. Foliation concordant.

645.35 650.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As previous. As previous. Grey FGS with 20% green amp porphs. Porphs are dissem; <5mm; irregular; comingled with biot. No vis sulfs. Negligible veining. Strongly altered dyke contacts; pale green; uncertain mineralogy. Weak K alt; patchy. Abundant blue irridescent "opaline" qz eyes; rounded; <3mm; dissem; 30%.

650.30 651.15 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained dark brown UMD. Pale green altered margins. Strongly magnetic. No vis sulfs. Sparse white plag porphs; <1cm; subround; 10%. 25% fine dissem biot.

651.15 692.75 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Massive to weakly foliated FGS. 20% amp; mm scale aggs; weakly elongate; <3mm. 15% biot; euhedral xls <2mm; weakly aligned. Biot and amp impart weak foliation. Negligible veining; <0.1%; late discordant planar veins <1cm; rare PEG <10cm; planar and discordant. Very low strain. No vis sulfs. 10% dissem "opaline" irridescent blue qz blebs; <3mm. Trace patchy K alt throughout; minor silicification throughout. Occ cm scale AMP clasts; elongate parallel to foliation.

692.75 693.07 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Pale green LAMPD. Massive. Aphanitic. Fine dark porphs; <2mm; subround; uncertain comp. No mag. No vis sulfs.

693.07 708.40 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Massive FGS as previous. Very low strain; poorly developed foliation resulting from weak alignment of amp and biot porphs. 20% amp porphs; mm scale <5mm; anhedral. 10% biot;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		dissem; euhedral; <2mm. Trace vis sulfs; fine dissem Po; assoc with tensional veins and AMP clasts. Very low vein density overall; <1%. Very fine late discordant veins are most common. Rare tensional veins; cm scale <10cm max thickness; opaque white qz with minor Kspar and amp-px clots <1cm. Abundant fine healed fracs with strong adularia halos; chaotic; late and discordant.								
708.40	**708.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Pale green LAMP as previous. Massive. Fine fspar porphs; <2mm; subround; 30%. Laminated margins. No vis sulfs.								
708.90	**713.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as previous. Massive FGS. Very low strain; poorly developed foliation resulting from weak alignment of amp and biot porphs. 20% amp porphs; mm scale <5mm; anhedral. 10% biot; dissem; euhedral; <2mm. Trace vis sulfs; fine dissem Po; assoc with tensional veins and AMP clasts. Very low vein density overall; <1%. Very fine late discordant veins are most common. Rare tensional veins; cm scale <10cm max thickness; opaque white qz with minor Kspar and amp-px clots <1cm. Abundant fine healed fracs with strong adularia halos; chaotic; late and discordant.								
713.50	**714.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Very fine grained dark green AMP. Equigranular. Subtle S0 contact with surrounding FGS. 40% amp; 30% biot; 30% felsic. No vis sulfs. No vis alt.								
714.10	**721.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as previous. Massive FGS. Very low strain; poorly developed foliation resulting from weak alignment of amp and biot porphs. 20% amp porphs; mm scale <5mm; anhedral. 10% biot; dissem; euhedral; <2mm. Occ late planar qz veins; <1cm; various orientations; barren; minor K alt. Abundant fine healed fracs with strong adularia halos; chaotic; late and discordant. Occ AMP clasts; cm scale; <5cm long axis. Moderate silicification throughout.								
721.00	**721.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark green LAMP dyke. 30% fine dark and light porphs; <2mm; subround; unknown comp; in aphanitic green matrix. No vis sulfs. discordant.								
721.30	**736.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as previous. Massive FGS. Very low strain; poorly developed foliation resulting from								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

weak alignment of amp and biot porphs. 20% amp porphs; mm scale <5mm; anhedral. 10% biot; dissem; euhedral; <2mm. Occ late planar qz veins; <1cm; various orientations; barren; minor K alt. Abundant fine healed fracs with strong adularia halos; chaotic; late and discordant. Occ AMP clasts; cm scale; <5cm long axis. Moderate silicification throughout. No vis sulfs.

736.40 737.20 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical LAMP with pale green altered margins. Fine plag porphs; anhedral; <2mm; 15%; in dark brown aphanitic groundmass. No vis sulfs. Strongly magnetic.

737.20 747.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Massive FGS. Very low strain; poorly developed foliation resulting from weak alignment of amp and biot porphs. 20% amp porphs; mm scale <5mm; anhedral. 10% biot; dissem; euhedral; <2mm. Occ late planar qz veins; <1cm; various orientations; barren; minor K alt. Occ AMP clasts; cm scale; <5cm long axis. . No vis sulfs. Occ folded veins; clear F1 axes visible; no vis sulfs. Occ cm to dm scale PEG and qz-Kspar veins; amorphous. PEGs comprise coarse amp-px clots; cm scale; rare sulfs Py-Po; occ comingled with Mag; mm scale. Overall weak alteration; minor silicification proximal to PEGs and veins. 15% blue labradorite dissem throghout; <3mm; anhedral to euhedral; formerly named "opaline" qz.

747.30 748.54 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained AMP with minor gradational FGS segments. Decimeter scale section of strongly altered AMP (pale green-pink; granular; original fabric preserved). No vis sulfs. Appears to be an amp-rich FGS; comprises labradorite.

748.54 759.10 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Massive FGS. Very low strain; poorly developed foliation resulting from weak alignment of amp and biot porphs. 20% amp porphs; mm scale <5mm; anhedral. 10% biot; dissem; euhedral; <2mm. Occ late planar qz veins; <1cm; various orientations; barren; minor K alt. Occ AMP clasts; cm scale; <5cm long axis. . No vis sulfs. Occ folded veins; clear F1 axes visible; no vis sulfs. Occ cm to dm scale PEG and qz-Kspar veins; amorphous. PEGs comprise coarse amp-px clots; cm scale; rare sulfs Py-Po; occ comingled with Mag; mm scale. Overall weak alteration; minor silicification proximal to PEGs and veins. 15% blue labradorite dissem throghout; <3mm; anhedral to euhedral; formerly named "opaline" qz.

759.10 759.37 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Intensely K altered AMP. Coarsely granular. ~50% fspar; mostly plag. No vis sulfs. Diffuse contacts with surrounding FGS. Elevated amp content relative to surroundings.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
759.37	**772.48**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Typical FGS. 20% amp; mm scale porphs; anhedral; occ cm scale elongate AMP clasts. 20% labradorite porphs; subround; <5mm; dissem. Rare cm scale AMP beds; planar. 10% biot; dissem; <2mm; occasionally aligned imparting weak foliation. 2% tensional pegmatitic qz-fsar veins/PEGs; strongly deformed; amorphous; trace sulfs Py-Po as mm scale clots (occ comingled with magnetite); cm scale amp-px clots. Moderate silicification proximal to veins/PEGs.								
772.48	**773.12**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical UMD. Dark brown; aphanitic with minor mm scale plag porphs near margins; 2%. Light green laminated margins. No vis sulfs. Magnetic.Low angle to core axis. Planar/undeformed.								
773.12	**789.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as previous. Typical FGS. 20% amp; mm scale porphs; anhedral; occ cm scale elongate AMP clasts. 20% labradorite porphs; subround; <5mm; dissem. Rare cm scale AMP beds; gently folded. 10% biot; dissem; <2mm; occasionally aligned imparting weak foliation. 2% tensional pegmatitic qz-fsar veins/PEGs; amorphous; trace sulfs Py-Po as mm scale clots (occ comingled with magnetite); cm scale amp-px clots. Moderate silicification proximal to veins/PEGs. Occ cm to dm scale qz veins; trace Py; opq white qz; minor Hem and Epi clots.								
789.60	**790.15**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Pale green. 10% mm scale rounded porphs; possible xenoliths. No vis sulfs.								
790.15	**811.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS with increasing amp content relative to previous. Overall alteration; strain; and sulfide content increasing relative to prev. 30% amp; mm scale porphs; anhedral; occ cm scale elongate AMP clasts; occ cm scale amp beds <5cm. 20% labradorite porphs; subround; <5mm; dissem. 15% biot; dissem; <2mm; alignment imparts moderate foliation; increased prevalence relative to prev. 2% tensional pegmatitic qz-fsar veins/PEGs; amorphous; trace sulfs Py-Po as mm scale clots; cm scale amp-px clots. Overall alteration increasing relative to prev; moderate silicification throughout; elevated proximal to LAMPs and veins. Fine dissem Py-Po proximal to LAMPs and veins; max 0.5% over 30cm.	B73690	800	801	1	0.033	AGAT_FAICP		
			B73691	801	802	1	0.018	AGAT_FAICP		
			B73693	802	803	1	0.008	AGAT_FAICP		
			B73694	803	803.6	0.6	0.008	AGAT_FAICP		
			B73695	803.6	804	0.4	0.021	AGAT_FAICP		
			B73696	804	805	1	0.011	AGAT_FAICP		
			B73697	805	806	1	0.006	AGAT_FAICP		
			B73699	806	807	1	0.008	AGAT_FAICP		
			B73700	807	808	1	0.007	AGAT_FAICP		
			B73701	808	809	1	0.044	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B73702	809	810	1	0.009	AGAT_FAICP		
			B73703	810	811.3	1.3	0.026	AGAT_FAICP		
811.30	**812.39**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP. Faulted upper contact. Faulted proximal to lower contact. Pale green altered margins. 20% porphs and xenoliths. No vis sulfs. Surrounding host is strongly silicified.	B73704	811.3	812.39	1.09	0.005	AGAT_FAICP		
812.39	**813.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Strongly silicified AMP. ~50% amp; gradational lower contact with FGS. 15% biot; fine dissem. 0.5% fine dissem Py-Po.	B73705	812.39	813.2	0.81	0.069	AGAT_FAICP		
813.20	**814.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Gradational upper contact with silicified AMP. Unit comprises healed fault brx; influenced by proximal LAMPs (strongly silicified; fabric destruction). Trace fine dissem Py-Po; <1mm. 10% biot. 15% amp. Both dissem; imparting weak foliation.	B73707	813.2	813.8	0.6	0.035	AGAT_FAICP		
			B73708	813.8	814.6	0.8	0.017	AGAT_FAICP		
814.60	**815.33**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP. 30% mm scale plag porphs; subround; <5mm. No vis sulfs. Pale green altered margins.	B73709	814.6	815.33	0.73	0.007	AGAT_FAICP		
815.33	**852.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to med grained FGS with varying amp content. Amp content varies between 5-15%; mm scale clots/aggs; anhedral. Strain intensity increasing overall as evidenced by foliation development; overall moderate but locally strong. Sulfide prevalence increased relative to previous interval; fine dissem Po-Py throughout; ~1%; locally elevated in veins; mm to cm scale hackly clots; up to 3% over 20cm. Moderate to strong silicification throughout. 1% qz veining; often deformed/folded; cm scale <5cm true thickness; concordant; low angle; typically carrying up to 3% sulfides. Diffuse qz banding is common; <5cm; often amp-rich (clots <1cm). Labradorite content attenuates downhole; only trace prevalence. Occ fine discordant qz-Fspar veins; planar; <3mm; strong pink-yellow K halos.	B73710	815.33	816	0.67	0.018	AGAT_FAICP		
			B73711	816	817	1	0.017	AGAT_FAICP		
			B73713	817	818	1	0.014	AGAT_FAICP		
			B73714	818	819	1	0.005	AGAT_FAICP		
			B73715	819	820	1	0.023	AGAT_FAICP		
			B73716	820	821	1	0.028	AGAT_FAICP		
			B73717	821	822	1	0.035	AGAT_FAICP		
			B73719	822	823	1	0.032	AGAT_FAICP		
			B73720	823	824	1	0.018	AGAT_FAICP		
			B73721	824	825	1	0.012	AGAT_FAICP		
			B73722	825	826	1	0.017	AGAT_FAICP		
			B73723	826	827	1	0.029	AGAT_FAICP		
			B73724	827	828	1	0.021	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B73725	828	828.3	0.3	0.028	AGAT_FAICP		
			B73727	828.3	829	0.7	0.024	AGAT_FAICP		
			B73728	829	830	1	0.028	AGAT_FAICP		
			B73729	830	831	1	0.043	AGAT_FAICP		
			B73730	831	831.88	0.88	0.048	AGAT_FAICP		
			B73731	831.88	832.18	0.3	0.026	AGAT_FAICP		
			B73733	832.18	833	0.82	0.032	AGAT_FAICP		
			B73734	833	834	1	0.03	AGAT_FAICP		
			B73735	834	835	1	0.035	AGAT_FAICP		
			B73736	835	836	1	0.053	AGAT_FAICP		
			B73737	836	837	1	0.042	AGAT_FAICP		
			B73739	837	838	1	0.057	AGAT_FAICP		
			B73740	838	839	1	0.034	AGAT_FAICP		
			B73741	839	840	1	0.038	AGAT_FAICP		
			B73742	840	840.3	0.3	0.027	AGAT_FAICP		
			B73743	840.3	841	0.7	0.042	AGAT_FAICP		
			B73744	841	842	1	0.034	AGAT_FAICP		
			B73745	842	843	1	0.026	AGAT_FAICP		
			B73747	843	844	1	0.016	AGAT_FAICP		
			B73748	844	845	1	0.014	AGAT_FAICP		
			B73749	845	846	1	0.01	AGAT_FAICP		
			B73750	846	847	1	0.02	AGAT_FAICP		
			B73751	847	848	1	0.01	AGAT_FAICP		
			B73753	848	849	1	0.011	AGAT_FAICP		
			B73754	849	850	1	0.02	AGAT_FAICP		
			B73755	850	851	1	0.019	AGAT_FAICP		
			B73756	851	851.75	0.75	0.025	AGAT_FAICP		
			B73757	851.75	852.05	0.3	0.018	AGAT_FAICP		
852.00	**858.18**	**(MAM) Mottled Amphibolite, ( )**	B73759	852.05	853	0.95	0.057	AGAT_FAICP		
Mineralized MAM-like litho. Mottled grey-green. Quartz groundmass (60%) with amorphous green bodies (amp; 35%); well developed foliation. Has appearance of a melted intermediate AMP with separation of amps and quartz into comingled lithons. Fine dissem Py-Po in localized loose colonies; 5% over 10cm. F2 folding is evident. 5% fine biot organized into loose bands.			B73760	853	854	1	0.038	AGAT_FAICP		
			B73761	854	855	1	0.024	AGAT_FAICP		
			B73762	855	856	1	0.015	AGAT_FAICP		
			B73763	856	857	1	0.049	AGAT_FAICP		
			B73764	857	858.18	1.18	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
858.18	**867.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B73765	858.18	859	0.82	0.033	AGAT_FAICP		
			B73767	859	860	1	0.033	AGAT_FAICP		
			B73768	860	861	1	0.025	AGAT_FAICP		
			B73769	861	861.85	0.85	0.022	AGAT_FAICP		
			B73770	861.85	862.4	0.55	0.015	AGAT_FAICP		
			B73771	862.4	863	0.6	0.011	AGAT_FAICP		
			B73773	863	864	1	0.015	AGAT_FAICP		
			B73774	864	865	1	0.024	AGAT_FAICP		
			B73775	865	866	1	0.029	AGAT_FAICP		
			B73776	866	867	1	0.014	AGAT_FAICP		
			B73777	867	867.55	0.55	0.02	AGAT_FAICP		
		Similar to previous FGS. Varying amp and biot content. 5-15% amp; clotty; elongate; imparts foliation. 10% biot overall; very fine; dissem; imparts foliation. Fine dissem Py-Po throughout; 1% overall; locally 5% over 10cm. Qz vein density is low; 1%; but strongly silicified and appears flooded in dm scale segments. Rare healed microfracs and late discordant veinlets; strong K alt halos. Labradorite is no longer present.								
867.55	**868.19**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73779	867.55	868.19	0.64	0.089	AGAT_FAICP		
		Typical LAMP. Cuts foliation at high angle. Appears to dip eastward. Fine dark brown groundmass with 30% mm scale porphs (possible monticellite; perovskite; various feldspars). No mag. No vis sulfs. Typical pale green altered margins. Lower contact is faulted.								
868.19	**871.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B73780	868.19	869	0.81	0.061	AGAT_FAICP		
			B73781	869	870	1	0.061	AGAT_FAICP		
			B73782	870	871	1	0.052	AGAT_FAICP		
			B73783	871	871.45	0.45	0.052	AGAT_FAICP		
		FGS characterized by intercalated qz and dark amp-rich bands; cm scale <3cm; imparts foliation. Trace very fine dissem Po-Py; anhedral; <0.5mm. 10% amp overall; banded. 10% biot overall; fine dissem xls and in amp bands. Moderately silicified throughout. Occ late discordant veinlets; <5mm; planar; K halos.								
871.45	**876.88**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B73784	871.45	872	0.55	0.027	AGAT_FAICP		
			B73785	872	873	1	0.031	AGAT_FAICP		
			B73787	873	874	1	0.023	AGAT_FAICP		
			B73788	874	875	1	0.021	AGAT_FAICP		
			B73789	875	876	1	0.027	AGAT_FAICP		
			B73790	876	876.88	0.88	0.031	AGAT_FAICP		
		Intensely siliceous FGS. Very minor biot; very fine dissem; amp appears absent. Strongly silicified. No vis sulfs. Minor Epi alt; diffuse cm scale bands. Occ minor pegmatitic bands; <10cm; diffuse margins. Occ healed fracs and veinlets with K halos. No visible fabric.								
876.88	**888.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B73791	876.88	878	1.12	0.027	AGAT_FAICP		
			B73793	878	879	1	0.025	AGAT_FAICP		
		Like previous FGS with minor amp. FGS characterized by intercalated qz and dark amp-rich								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
bands; cm scale <3cm; imparts foliation. Trace very fine dissem Po-Py; anhedral; <0.5mm. 5% amp overall; banded; reduced relative to prev FGS. 15% biot overall; fine to coarse dissem xls and in amp bands; elevated relative to previous FGS. Moderately silicified throughout. Occ late discordant veinlets; <5mm; planar; K halos. Amp contact and associated banding attenuates downhole.			B73794	879	880	1	0.033	AGAT_FAICP		
			B73795	880	881	1	0.028	AGAT_FAICP		
			B73796	881	882	1	0.027	AGAT_FAICP		
			B73797	882	883	1	0.02	AGAT_FAICP		
			B73799	883	884	1	0.037	AGAT_FAICP		
			B73800	884	885	1	0.031	AGAT_FAICP		
			B73801	885	886	1	0.019	AGAT_FAICP		
			B73802	886	887	1	0.073	AGAT_FAICP		
			B73803	887	888.12	1.12	0.063	AGAT_FAICP		
888.12	**889.00**	**(FGG) Felsic Gneiss Granitic, ( )**	B73804	888.12	889	0.88	0.12	AGAT_FAICP		
Grey-white felsic groundmass wiht 15% biot porphs; <3mm; imparts foliation. 10% muscovite; aligned with foliation. Trace dissem sulfs: <0.5mm; Py-Po?. Trace pale green epidote alt. Rare cm scale qz veins; concordant; barren; <3cm; planar.										
889.00	**889.85**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	B73805	889	890	1	0.072	AGAT_FAICP		
Pink-grey-green. Coarse equigranular texture. Cm scale qz blebs; remnants of vein; appears overgrown by PEG. Concordant with foliation. Vein remnants host coarse hackly Py-Po clots; cm scale; <2cm; appear frac controlled. 15% mm scale angular biot clots; dissem; <5mm. 10% amp clots; amorphous; dissem. Original fabric of host is weakly preserved.										
889.85	**891.20**	**(FGG) Felsic Gneiss Granitic, ( )**	B73807	890	890.55	0.55	0.024	AGAT_FAICP		
Distinguished from previous FGG by finer grain size. All else as previous.			B73808	890.55	891.2	0.65	0.019	AGAT_FAICP		
891.20	**891.65**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
See previous PEG. No vis sulfs.										
891.65	**897.18**	**(FGG) Felsic Gneiss Granitic, ( )**	B73809	891.2	892.4	1.2	0.055	AGAT_FAICP		
Grey fine grained groundmass with coarse musc porphs. 10% musc porphs; mm scale; dissem; equant. Very fine dissem biot; <1mm xls; 10%; imparts weak foliation. Strongly siliceous throughout. Rare dm scale veins; <15cm; pegmatitic; no vis sulfs; discordant.			B73810	892.4	893.07	0.67	0.016	AGAT_FAICP		
			B73811	893.07	894	0.93	0.028	AGAT_FAICP		
			B73813	894	895	1	0.054	AGAT_FAICP		
			B73814	895	896	1	0.042	AGAT_FAICP		
			B73815	896	897.18	1.18	0.066	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
897.18	**898.30**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine dark grey groundmass with granular qz and Kspar porphs; <1mm; rounded. Rare mm scale red garnets. Interstitial biot; fine; aligned; imparts foliation. Fine dissem hblend in groundmass. Patchy weak epidote alteration throughout; strong in veinlet halos. Trace vein density; comprises late discordant veinlets; <5mm; strong alt halos. Moderately silicified throughout. Trace dissem Py-Po; <0.5mm.	B73816	897.18	898.3	1.12	0.029	AGAT_FAICP		
898.30	**910.80**	**(FGG) Felsic Gneiss Granitic, ( )** Fine grained FGG with minor Musc and weakly developed foliation. 15% very fine dissem biot. 5% mm scale musc porphs; equant; <2mm. Occ dm scale patches of strong K alt; also present as strong vein/frac halos. Fine discordant veins/microfracs are common; chaotic; planar; K halos. Weak qz banding in dm scale segments; imparts moderate foliation. Trace dissem Py-Po; <0.5mm xls.	B73817	898.3	899	0.7	0.033	AGAT_FAICP		
			B73819	899	900	1	0.215	AGAT_FAICP		
			B73820	900	901	1	0.021	AGAT_FAICP		
			B73821	901	902	1	0.023	AGAT_FAICP		
			B73822	902	903	1	0.019	AGAT_FAICP		
			B73823	903	904	1	0.047	AGAT_FAICP		
			B73824	904	905	1	0.057	AGAT_FAICP		
			B73825	905	906	1	0.028	AGAT_FAICP		
			B73827	906	907	1	0.046	AGAT_FAICP		
			B73828	907	908	1	0.072	AGAT_FAICP		
			B73829	908	909	1	0.116	AGAT_FAICP		
			B73830	909	910	1	0.121	AGAT_FAICP		
			B73831	910	910.8	0.8	0.071	AGAT_FAICP		
910.80	**912.48**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Localized FGG sections. Localized 1-3 cm thick pegmatites. Section with moderate to strong potassic and sericitic alteration at 910.8-911.4m.	B73833	910.8	911.6	0.8	0.042	AGAT_FAICP		
			B73834	911.6	912.48	0.88	0.038	AGAT_FAICP		
912.48	**913.32**	**(FGG) Felsic Gneiss Granitic, ( )** Localized sections of FGS. Strong potassic alteration. Localized 2-3 cm thick pegmatites.	B73835	912.48	913.32	0.84	0.079	AGAT_FAICP		
913.32	**913.76**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Unit is possivle quartz vein with feldspar reminates. Plagioclase undergoing moderate to strong potassic alteration.	B73836	913.32	913.76	0.44	0.026	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
913.76	**918.27**	**(FGG) Felsic Gneiss Granitic, ( )** Localized sections of FGS. Fine-medium grained FGG with abundant bands of coarse grained alkali feldspar crystals. Moderate to strong potassic alteration. Localized 1-5 cm thick pegmatites. Section of pegmatite at 915.15-915.45m.	B73837	913.76	915	1.24	0.034	AGAT_FAICP		
			B73839	915	916	1	0.035	AGAT_FAICP		
			B73840	916	917	1	0.042	AGAT_FAICP		
			B73841	917	918.27	1.27	0.097	AGAT_FAICP		
918.27	**920.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Abundant biotite rich bands. Localized 1-2 cm thick; foliation parallel pegmatites. UMD at 919.49-919.62m.	B73842	918.27	919	0.73	0.078	AGAT_FAICP		
			B73843	919	920	1	0.056	AGAT_FAICP		
920.00	**920.94**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic pegmatite.	B73844	920	920.94	0.94	0.009	AGAT_FAICP		
920.94	**921.83**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium-coarse grained; subhedral; quartz-feldpsar phenocrysts within a fine-medium grained; biotite rich; intermediate matrix.	B73845	920.94	921.83	0.89	0.061	AGAT_FAICP		
921.83	**934.05**	**(FGG) Felsic Gneiss Granitic, ( )** Abundant bands with varying grain size and biotite percentage. Localized 1-5 cm thick pegmatites. Localized secions of FGS. Localized sections with strong potassic alteration.	B73847	921.83	923	1.17	0.073	AGAT_FAICP		
			B73848	923	924	1	0.117	AGAT_FAICP		
			B73849	924	925	1	0.159	AGAT_FAICP		
			B73850	925	926	1	0.281	AGAT_FAICP		
			B73851	926	927	1	0.182	AGAT_FAICP		
			B73853	927	928	1	0.113	AGAT_FAICP		
			B73854	928	929	1	0.273	AGAT_FAICP		
			B73855	929	930	1	0.26	AGAT_FAICP		
			B73856	930	931	1	0.271	AGAT_FAICP		
			B73857	931	932	1	0.222	AGAT_FAICP		
			B73859	932	933	1	0.24	AGAT_FAICP		
			B73860	933	934.05	1.05	0.115	AGAT_FAICP		
934.05	**935.21**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium-coarse grained; subhedral; quartz-feldpsar phenocrysts within a fine-medium grained; biotite rich; intermediate matrix. Very few porphyroclasts compared to previous QFP. Unit is possible DIO.	B73861	934.05	935.21	1.16	0.029	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
935.21	**936.65**	**(FGG) Felsic Gneiss Granitic, ( )**	B73862	935.21	936	0.79	0.716	AGAT_FAICP		
Unit is very silica rich; possible quartz flooding. Unit is possible FGSMU. Localized 1-3 cm thick pegmatites.			B73863	936	936.65	0.65	0.416	AGAT_FAICP		
936.65	**940.05**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73864	936.65	937.5	0.85	0.036	AGAT_FAICP		
			B73865	937.5	938	0.5	0.012	AGAT_FAICP		
Granitic pegmatite. Localized sections with varying alkali feldspar percentage.			B73867	938	939	1	0.086	AGAT_FAICP		
			B73868	939	939.5	0.5	0.03	AGAT_FAICP		
			B73869	939.5	940.05	0.55	0.148	AGAT_FAICP		
940.05	**941.00**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	B73870	940.05	941	0.95	0.522	AGAT_FAICP		
Sections of quartz vein and quartz flooded FGG.										
941.00	**941.61**	**(FGG) Felsic Gneiss Granitic, ( )**	B73871	941	941.61	0.61	0.325	AGAT_FAICP		
Silica rich FGG or FGS. Possible quartz flooding.										
941.61	**945.15**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73873	941.61	942.3	0.69	0.117	AGAT_FAICP		
			B73874	942.3	943	0.7	0.064	AGAT_FAICP		
Granitic pegmatite. Localized sections with varying alkali feldspar percentage. Localized sections with medium-coarse grained blebby sulphides.			B73875	943	944	1	0.141	AGAT_FAICP		
			B73876	944	944.6	0.6	0.259	AGAT_FAICP		
			B73877	944.6	945.15	0.55	0.502	AGAT_FAICP		
945.15	**946.40**	**(FGG) Felsic Gneiss Granitic, ( )**	B73879	945.15	945.85	0.7	1.61	AGAT_FAICP		
Silica rich unit. Quartz flooded FGG or FGS. Increased sulphides relative to other FGG units.			B73880	945.85	946.4	0.55	0.641	AGAT_FAICP		
946.40	**947.02**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73881	946.4	947.02	0.62	0.031	AGAT_FAICP		
Plagioclase rich granitc pegmatite.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
947.02	**947.41**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	B73882	947.02	947.41	0.39	0.178	AGAT_FAICP		
Quartz flooded FGG or FGS. Gradational contacts										
947.41	**950.28**	**(FGG) Felsic Gneiss Granitic, ( )**	B73883	947.41	948	0.59	0.335	AGAT_FAICP		
Localized sections with varying alkali feldspar percentage.			B73884	948	949	1	1.1	AGAT_FAICP		
			B73885	949	949.6	0.6	0.087	AGAT_FAICP		
			B73887	949.6	950.28	0.68	0.072	AGAT_FAICP		
950.28	**952.88**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	B73888	950.28	951	0.72	0.108	AGAT_FAICP		
Medium-corarse grained amphibole porphyroclasts within a fine-medium grained; intermediate matrix. Moderate potassic alteration of matrix.			B73889	951	952	1	0.02	AGAT_FAICP		
			B73890	952	952.88	0.88	0.058	AGAT_FAICP		
952.88	**956.95**	**(FGG) Felsic Gneiss Granitic, ( )**	B73891	952.88	953.5	0.62	0.053	AGAT_FAICP		
Localized 1-3 cm thick quartz rich pegmatites. Moderate potassic alteration of unit.			B73893	953.5	954	0.5	0.068	AGAT_FAICP		
			B73894	954	955	1	0.097	AGAT_FAICP		
			B73895	955	956	1	0.313	AGAT_FAICP		
			B73896	956	956.95	0.95	0.346	AGAT_FAICP		
956.95	**957.48**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	B73897	956.95	957.48	0.53	0.308	AGAT_FAICP		
Quartz vein with reminate feldspar crystals. Localized sulphide blebs.										
957.48	**958.48**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73899	957.48	958.48	1	0.005	AGAT_FAICP		
Alkalic dike with 1-10 mm thick xenoliths.										
958.48	**960.65**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	B73900	958.48	959	0.52	0.024	AGAT_FAICP		
Medium coarse grained; amphibole porphyroclasts within a fine-medium grained; intermediate matrix. Moderate to strong sericitic and potassic alteration. Abundant foliation parallel carbonate veinlets.			B73901	959	960	1	0.014	AGAT_FAICP		
			B73902	960	960.65	0.65	0.019	AGAT_FAICP		
960.65	**961.25**	**(UMD) UM\LAMP Dike, ( )**	B73903	960.65	961.25	0.6	0.012	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Possible healed fault gouge. Selveges of altered DIOP2. Abundant carbonate veinlets.										
961.25	**962.00**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	B73904	961.25	962	0.75	0.074	AGAT_FAICP		
Strongly potassically altered DIOP2. Localized reminate amphibole porphyroclasts. Abundant carbonate veinlets.										
962.00	**963.21**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73905	962	963.21	1.21	0.005	AGAT_FAICP		
Alkalic dike.										
963.21	**972.81**	**(FGG) Felsic Gneiss Granitic, ( )**	B73907	963.21	964	0.79	0.096	AGAT_FAICP		
Localized sections with varying grain size and alkali fledspar percentage. Localized 1-5 cm thick granitic pegmatites. 3-10 cm thick UMD at 965.4m; 966.1m; and969.1m. Section of granitic pegmatite at 964.0-964.2m.			B73908	964	965	1	0.129	AGAT_FAICP		
			B73909	965	966	1	0.222	AGAT_FAICP		
			B73910	966	967	1	0.152	AGAT_FAICP		
			B73911	967	968	1	0.214	AGAT_FAICP		
			B73913	968	969	1	0.16	AGAT_FAICP		
			B73914	969	970	1	0.237	AGAT_FAICP		
			B73915	970	971	1	0.436	AGAT_FAICP		
			B73916	971	972	1	0.305	AGAT_FAICP		
			B73917	972	972.81	0.81	0.134	AGAT_FAICP		
972.81	**973.63**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73919	972.81	973.63	0.82	0.137	AGAT_FAICP		
Localized selveges of FGG.										
973.63	**974.32**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73920	973.63	974.32	0.69	0.007	AGAT_FAICP		
Alkalic dike.										
974.32	**985.64**	**(FGG) Felsic Gneiss Granitic, ( )**	B73921	974.32	975	0.68	0.228	AGAT_FAICP		
Localized sections of FGS. Localized 1-10 cm thick granitic pegmatites. High alkali feldspar content. Coarse grained muscovite crystals. Localized sections with bundles of sillimanite. 3-10 cm thick UMD at 982.2m and 982.9m.			B73922	975	976	1	0.358	AGAT_FAICP		
			B73923	976	977	1	0.181	AGAT_FAICP		
			B73924	977	978	1	0.179	AGAT_FAICP		
			B73925	978	979	1	0.144	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B73927	979	980	1	0.098	AGAT_FAICP		
			B73928	980	981	1	0.104	AGAT_FAICP		
			B73929	981	982	1	0.113	AGAT_FAICP		
			B73930	982	983	1	0.053	AGAT_FAICP		
			B73931	983	984	1	0.049	AGAT_FAICP		
			B73933	984	985	1	0.087	AGAT_FAICP		
			B73934	985	985.64	0.64	0.124	AGAT_FAICP		
985.64	**985.94**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	B73935	985.64	985.94	0.3	0.016	AGAT_FAICP		
Alkalic dike.										
985.94	**990.78**	**(FGG) Felsic Gneiss Granitic, ( )**	B73936	985.94	986.5	0.56	0.085	AGAT_FAICP		
Localized sections with varying alkali feldspar percentage. Localized sections with sillimanite crystals.			B73937	986.5	987	0.5	0.075	AGAT_FAICP		
			B73939	987	988	1	0.324	AGAT_FAICP		
			B73940	988	989	1	0.094	AGAT_FAICP		
			B73941	989	990	1	0.156	AGAT_FAICP		
			B73942	990	990.78	0.78	0.244	AGAT_FAICP		
990.78	**991.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	B73943	990.78	991.12	0.34	0.31	AGAT_FAICP		
Biotite rich unit; possible DIO. Strong sericitic alteration.										
991.12	**993.66**	**(FGG) Felsic Gneiss Granitic, ( )**	B73944	991.12	992	0.88	0.115	AGAT_FAICP		
Localized sections with bundles of sillimanite crystals. Localized 5 cm thick granitic pegmatites. Pervasive potassic alteration towards lower contact.			B73945	992	993	1	0.142	AGAT_FAICP		
			B73947	993	993.66	0.66	0.177	AGAT_FAICP		
993.66	**995.00**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73948	993.66	994.4	0.74	0.005	AGAT_FAICP		
			B73949	994.4	995	0.6	0.007	AGAT_FAICP		
Strong pervasive potassic alteration.										
995.00	**996.64**	**(FGG) Felsic Gneiss Granitic, ( )**	B73950	995	996	1	0.051	AGAT_FAICP		
Pervasive potassic alterations. Bands of coarse grained alkali feldspar; possible migmatite.			B73951	996	996.64	0.64	0.134	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
996.64	**996.96**	**(UMD) UM\LAMP Dike, ( )** Unit is possible healed fault gouge.	B73953	996.64	996.96	0.32	0.011	AGAT_FAICP		
996.96	**998.66**	**(FGG) Felsic Gneiss Granitic, ( )** Pervasive potassic alterations. Bands of coarse grained alkali feldspar; possible migmatite. 10 cm thick section of FGS at lower contact.	B73954	996.96	997.8	0.84	0.177	AGAT_FAICP		
			B73955	997.8	998.66	0.86	0.067	AGAT_FAICP		
998.66	**1001.19**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Medium-coarse grained; euhedral to subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; intermediate matrix.	B73956	998.66	999.4	0.74	0.058	AGAT_FAICP		
			B73957	999.4	1000	0.6	0.033	AGAT_FAICP		
			B73959	1000	1000.6	0.6	0.023	AGAT_FAICP		
			B73960	1000.6	1001.19	0.59	0.066	AGAT_FAICP		
1001.19	**1002.36**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic pegmatite.	B73961	1001.19	1001.8	0.61	0.038	AGAT_FAICP		
			B73962	1001.8	1002.36	0.56	0.033	AGAT_FAICP		
1002.36	**1004.14**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Localized sections of FGG. Localized 1-3 cm thick pegmatites. Localized sections with abundant bundles of sillimanite crystals.	B73963	1002.36	1003	0.64	0.206	AGAT_FAICP		
			B73964	1003	1003.6	0.6	0.093	AGAT_FAICP		
			B73965	1003.6	1004.14	0.54	0.178	AGAT_FAICP		
1004.14	**1006.21**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Localized sections with varying biotite percentage. Localized 1-10 cm thick granitic pegmatites.	B73967	1004.14	1005	0.86	0.441	AGAT_FAICP		
			B73968	1005	1005.6	0.6	0.368	AGAT_FAICP		
			B73969	1005.6	1006.21	0.61	0.129	AGAT_FAICP		
1006.21	**1010.54**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Abundant porphyroclasts of garnet rimmed with sillimanite. Localized 1-2 cm thick quartz veins.	B73970	1006.21	1007	0.79	0.153	AGAT_FAICP		
			B73971	1007	1008	1	0.088	AGAT_FAICP		
			B73973	1008	1009	1	0.094	AGAT_FAICP		
			B73974	1009	1010	1	0.225	AGAT_FAICP		
			B73975	1010	1010.54	0.54	0.409	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1010.54	**1011.32**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	B73976	1010.54	1011.32	0.78	0.46	AGAT_FAICP		
		Strained and altered pegmatite. Possible migmatite.								
1011.32	**1013.37**	**(FGG) Felsic Gneiss Granitic, ( )**	B73977	1011.32	1012	0.68	0.68	AGAT_FAICP		
		Silica rich unit. Possible FGSMU or altered GBFG. Strong pervasive sericitic alteration. Localized sections wiht abundant bundles of sillimanite crystals.	B73979	1012	1013	1	2.18	AGAT_FAICP		
			B73980	1013	1013.37	0.37	0.919	AGAT_FAICP		
1013.37	**1014.00**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	B73981	1013.37	1014	0.63	1.5	AGAT_FAICP		
		Grey quartz vein with some feldspar selveges. Localized selveges of altered GBFG.								
1014.00	**1050.03**	**(DIA) Diabase Dike, ( )**	B73982	1014	1015.5	1.5	0.264	AGAT_FAICP		
		<1 to 5 cm white; plagioclase rich; xenoliths. Localized sections with abundant 1-3 cm thick carbonate veinlets. UMD at 1049.20-1049.45m.	B73983	1015.5	1017	1.5	0.009	AGAT_FAICP		
			B73984	1017	1018.5	1.5	0.003	AGAT_FAICP		
			B73985	1018.5	1020	1.5	0.002	AGAT_FAICP		
			B73987	1020	1021.5	1.5	0.019	AGAT_FAICP		
			B73988	1021.5	1023	1.5	0.002	AGAT_FAICP		
			B73989	1023	1024.5	1.5	0.004	AGAT_FAICP		
			B73990	1024.5	1026	1.5	0.002	AGAT_FAICP		
			B73991	1026	1027.5	1.5	0.002	AGAT_FAICP		
			B73993	1027.5	1029	1.5	0.003	AGAT_FAICP		
			B73994	1029	1030.5	1.5	0.007	AGAT_FAICP		
			B73995	1030.5	1032	1.5	0.001	AGAT_FAICP		
			B73996	1032	1033.5	1.5	0.004	AGAT_FAICP		
			B73997	1033.5	1035	1.5	0.001	AGAT_FAICP		
			B73999	1035	1036.5	1.5	0.003	AGAT_FAICP		
			B74000	1036.5	1038	1.5	0.003	AGAT_FAICP		
			B62830	1038	1039.5	1.5	0.005	AGAT_FAICP		
			B62831	1039.5	1041	1.5	0.002	AGAT_FAICP		
			B62833	1041	1042.5	1.5	0.008	AGAT_FAICP		
			B62834	1042.5	1044	1.5	0.002	AGAT_FAICP		
			B62835	1044	1045.5	1.5	0.001	AGAT_FAICP		
			B62836	1045.5	1047	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
			B62837	1047	1048.5	1.5	0.007	AGAT_FAICP		
			B62839	1048.5	1049.5	1	0.003	AGAT_FAICP		
			B62840	1049.5	1050.03	0.53	0.001	AGAT_FAICP		
1050.03	**1050.77**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Alkalic dike.	B62841	1050.03	1050.77	0.74	0.0005	AGAT_FAICP		
1050.77	**1082.90**	**(DIA) Diabase Dike, ( )** <1 to 5 cm white; plagioclase rich; xenoliths. Localized sections with abundant 1-3 cm thick carbonate veinlets. UMD at 1080.25-1080.50m.	B62842	1050.77	1051.5	0.73	0.001	AGAT_FAICP		
			B62843	1051.5	1053	1.5	0.002	AGAT_FAICP		
			B62844	1053	1054.5	1.5	0.002	AGAT_FAICP		
			B62845	1054.5	1056	1.5	0.002	AGAT_FAICP		
			B62847	1056	1057.5	1.5	0.003	AGAT_FAICP		
			B62848	1057.5	1059	1.5	0.002	AGAT_FAICP		
			B62849	1059	1060.5	1.5	0.002	AGAT_FAICP		
			B62850	1060.5	1062	1.5	0.002	AGAT_FAICP		
			B62851	1062	1063.5	1.5	0.002	AGAT_FAICP		
			B62853	1063.5	1065	1.5	0.001	AGAT_FAICP		
			B62854	1065	1066.5	1.5	0.002	AGAT_FAICP		
			B62855	1066.5	1068	1.5	0.002	AGAT_FAICP		
			B62856	1068	1069.5	1.5	0.001	AGAT_FAICP		
			B62857	1069.5	1071	1.5	0.001	AGAT_FAICP		
			B62859	1071	1072.5	1.5	0.001	AGAT_FAICP		
			B62860	1072.5	1074	1.5	0.023	AGAT_FAICP		
			B62861	1074	1075.5	1.5	0.002	AGAT_FAICP		
			B62862	1075.5	1077	1.5	0.001	AGAT_FAICP		
			B62863	1077	1078.5	1.5	0.001	AGAT_FAICP		
			B62864	1078.5	1080	1.5	0.001	AGAT_FAICP		
			B62865	1080	1081.5	1.5	0.002	AGAT_FAICP		
			B62867	1081.5	1082.9	1.4	0.002	AGAT_FAICP		
1082.90	**1083.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Alkalic dike.	B62868	1082.9	1083.2	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
1083.20	**1114.41**	**(DIA) Diabase Dike, ( )** <1 to 5 cm white; plagioclase rich; xenoliths. Localized sections with abundant 1-3 cm thick carbonate veinlets. UMD at 1113.86-1114.06m.	B62869	1083.2	1084.5	1.3	0.002	AGAT_FAICP		
			B62870	1084.5	1086	1.5	0.012	AGAT_FAICP		
			B62871	1086	1087.5	1.5	0.002	AGAT_FAICP		
			B62873	1087.5	1089	1.5	0.002	AGAT_FAICP		
			B62874	1089	1090.5	1.5	0.001	AGAT_FAICP		
			B62875	1090.5	1092	1.5	0.002	AGAT_FAICP		
			B62876	1092	1093.5	1.5	0.003	AGAT_FAICP		
			B62877	1093.5	1095	1.5	0.002	AGAT_FAICP		
			B62879	1095	1096.5	1.5	0.004	AGAT_FAICP		
			B62880	1096.5	1098	1.5	0.001	AGAT_FAICP		
			B62881	1098	1099.5	1.5	0.001	AGAT_FAICP		
			B62882	1099.5	1101	1.5	0.002	AGAT_FAICP		
			B62883	1101	1102.5	1.5	0.001	AGAT_FAICP		
			B62884	1102.5	1104	1.5	0.001	AGAT_FAICP		
			B62885	1104	1105.5	1.5	0.002	AGAT_FAICP		
			B62887	1105.5	1107	1.5	0.001	AGAT_FAICP		
			B62888	1107	1108.5	1.5	0.001	AGAT_FAICP		
			B62889	1108.5	1110	1.5	0.002	AGAT_FAICP		
			B62890	1110	1111.5	1.5	0.001	AGAT_FAICP		
			B62891	1111.5	1113	1.5	0.003	AGAT_FAICP		
			B62893	1113	1114.41	1.41	0.002	AGAT_FAICP		
1114.41	**1115.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Alkalic dike with abundant 1-20 mm xenoliths.	B62894	1114.41	1115.3	0.89	0.0005	AGAT_FAICP		
1115.30	**1117.27**	**(DIA) Diabase Dike, ( )** <1 to 5 cm white; plagioclase rich; xenoliths. Localized sections with abundant 1-3 cm thick carbonate veinlets.	B62895	1115.3	1116	0.7	0.001	AGAT_FAICP		
			B62896	1116	1117.27	1.27	0.002	AGAT_FAICP		
1117.27	**1117.62**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Alkalic dike.	B62897	1117.27	1117.62	0.35	0.001	AGAT_FAICP		
1117.62	**1158.89**	**(DIA) Diabase Dike, ( )** <1 to 5 cm white; plagioclase rich; xenoliths. Localized sections with abundant 1-3 cm thick	B62899	1117.62	1119	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
carbonate veinlets. UMD at 1146.93-11147.24m.			B62900	1119	1120.5	1.5	0.001	AGAT_FAICP		
			B62901	1120.5	1122	1.5	0.002	AGAT_FAICP		
			B62902	1122	1123.5	1.5	0.002	AGAT_FAICP		
			B62903	1123.5	1125	1.5	0.002	AGAT_FAICP		
			B62904	1125	1126.5	1.5	0.002	AGAT_FAICP		
			B62905	1126.5	1128	1.5	0.002	AGAT_FAICP		
			B62907	1128	1129.5	1.5	0.002	AGAT_FAICP		
			B62908	1129.5	1131	1.5	0.002	AGAT_FAICP		
			B62909	1131	1132.5	1.5	0.002	AGAT_FAICP		
			B62910	1132.5	1134	1.5	0.005	AGAT_FAICP		
			B62911	1134	1135.5	1.5	0.002	AGAT_FAICP		
			B62913	1135.5	1137	1.5	0.002	AGAT_FAICP		
			B62914	1137	1138.5	1.5	0.002	AGAT_FAICP		
			B62915	1138.5	1140	1.5	0.002	AGAT_FAICP		
			B62916	1140	1141.5	1.5	0.005	AGAT_FAICP		
			B62917	1141.5	1143	1.5	0.001	AGAT_FAICP		
			B62919	1143	1144.5	1.5	0.002	AGAT_FAICP		
			B62920	1144.5	1146	1.5	0.003	AGAT_FAICP		
			B62921	1146	1147.5	1.5	0.002	AGAT_FAICP		
			B62922	1147.5	1149	1.5	0.002	AGAT_FAICP		
			B62923	1149	1150.5	1.5	0.003	AGAT_FAICP		
			B62924	1150.5	1152	1.5	0.002	AGAT_FAICP		
			B62925	1152	1153.5	1.5	0.002	AGAT_FAICP		
			B62927	1153.5	1155	1.5	0.001	AGAT_FAICP		
			B62928	1155	1156.5	1.5	0.001	AGAT_FAICP		
			B62929	1156.5	1158	1.5	0.002	AGAT_FAICP		
			B62930	1158	1158.89	0.89	0.002	AGAT_FAICP		
1158.89	**1162.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B62931	1158.89	1160	1.11	0.005	AGAT_FAICP		
Relatively homogenous; amphibole rich FGS. Brecciated section with DIA infill matrix at 1158.89-1159.70m.			B62933	1160	1161	1	0.008	AGAT_FAICP		
			B62934	1161	1162.15	1.15	0.008	AGAT_FAICP		
1162.15	**1173.31**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B62935	1162.15	1163	0.85	0.006	AGAT_FAICP		
Localized sections wiht varying grain size. Abundant bands of medium-coarse grained amphibole porphyroblats with depleation halos. Localized 1-3 cm thick pegmatites.			B62936	1163	1164	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B62937	1164	1165	1	0.005	AGAT_FAICP		
			B62939	1165	1166	1	0.004	AGAT_FAICP		
			B62940	1166	1167	1	0.006	AGAT_FAICP		
			B62941	1167	1168	1	0.007	AGAT_FAICP		
			B62942	1168	1169	1	0.005	AGAT_FAICP		
			B62943	1169	1170	1	0.005	AGAT_FAICP		
			B62944	1170	1171	1	0.034	AGAT_FAICP		
			B62945	1171	1172	1	0.007	AGAT_FAICP		
			B62947	1172	1173.31	1.31	0.009	AGAT_FAICP		
1173.31	**1174.75**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B62948	1173.31	1174	0.69	0.004	AGAT_FAICP		
Coarse grained; quartz-feldspar crystals within a fine-medium grained FGS. Unit is possible DIO.			B62949	1174	1174.75	0.75	0.004	AGAT_FAICP		
1174.75	**1179.87**	**(FGS) Felsic Gneiss Sedimentary, ( )**	B62950	1174.75	1176	1.25	0.03	AGAT_FAICP		
Localized sections with varying grain size and biotite percentage. Localized sections with varying amphibole percentage. UMD at 1178.95-1179.15m.			B62951	1176	1177	1	0.02	AGAT_FAICP		
			B62953	1177	1178	1	0.004	AGAT_FAICP		
			B62954	1178	1178.9	0.9	0.003	AGAT_FAICP		
			B62955	1178.9	1179.87	0.97	0.004	AGAT_FAICP		
1179.87	**1183.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone**	B62956	1179.87	1181	1.13	0.008	AGAT_FAICP		
Localized sections with varying grain size. Localized section with varying amphibole percentage. Localized 1-10 cm thick pegmatites. EOH=1183.60m.			B62957	1181	1182	1	0.005	AGAT_FAICP		
			B62959	1182	1183	1	0.006	AGAT_FAICP		
			B62960	1183	1183.6	0.6	0.004	AGAT_FAICP		Last Sample.

Newmont

Geological Description with Assays

Hole ID : **BL19-01075**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	230.5	Easting :	331107.6574	Logged By :	William.Gerber
Dip :	-58.6	Northing :	5303587.405	Logged By 2 :	Brad.Clarke
Length :	372	Elevation :	437.0175	Log Start :	4-Mar-2019
Drill Start :	2-Mar-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	12-Mar-2019
Drill Completed :	6-Mar-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Sampled from about 200m. Run block error at 78m (corrected). Logged by W. Gerber to 0 to 118m. Ore zone is short and lacks significant silification. Within the ore zone GBFG in adjcent holes were logged within this hole as FGS bio as the units were often finer grained and contained minimal garnet. No visible gold observed. Minor (F2?) fold feature observed around 305-310m within a DIO unit.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**3.37**	**(OB) Overburden, ( )**								
3m casing.										
3.37	**10.51**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
Typical AMPG; mg-cg Bt+Amp POC in felsic matrix. Lower part looks more like AMP-UM. Moderate S1 is slightly crenulated. Composional layering S0 tightly folded by F1 (S1 axial planar of F1). Some late Cb veinlets. Upper and lower contacts are slightly convergent (probable tight F1 fold).										
10.51	**11.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Small FGS sleever probably tightly F1-folded within large AMPG unit. S0 compositional layering // S1. 0.5% Py. Small QzCb veinlet.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
11.20	**11.66**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
Small AMPG sleever between two FGS levels probably tightly F1-folded within large AMPG unit. Lower contact with FGS ondulates at low angle tca; // S1 (F1-folded).										
11.66	**12.18**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Small FGS sleever tightly F1-folded within large AMPG unit. Converging contacts (tight F1 folded).										
12.18	**26.60**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
Continuity of AMPG unit uphole. Weak compositional layering S0. Weak fracturation increasing toward main fault zone below; some late Cb veinlets oblique to S1.										
26.60	**29.50**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
Major fault zone (Swamp Fault 3) within AMPG. Several fault gouges and minor breccias (26.6-27.1m; 27.2-27.4m; approximate depths due to heavily broken core); moderate to strong fracturation.										
29.50	**32.43**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
Continuity of AMPG interval below the major fault zone. Weakly-moderately fractured.										
32.43	**33.74**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Large massive white QV2; rare sleevers of orangey FGS strongly Si-KFp-altered (with fg-mg Py blebs).										
33.74	**34.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Small sleever of orange Si-KFp-altered FGS within large white QV2.										
34.10	**34.41**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Lower end of large white QV2; upper contact with FGS is at very low angle.										
34.41	**40.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Large FGS-Qz Eyes interval is light pink/orange; strongly Si-KFp-altered (probable source is the major fault above); alteration obliterates S1 fabric (originally moderate S1 intensity);										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

mg-cg Qz grains are highlighted by alteration. Some very thin Qz-Cb veinlets (locally brecciated).

40.15 43.75 (DIA) Diabase Dike, ( )

Large DIA dyke (DIA 2 from modelling); dark grey; massive; moderately magnetic; fg; common thin Cb veinlets throughout; local blocky core (weak fracturation). Lower end is orange/pink (intense KFp-altered and Cb-veinlets filled above fault zone).

43.75 54.78 (FGS) Felsic Gneiss Sedimentary, ( )

FGS-Qz Eyes is intensively KFp-altered above fault breccia; alteration obliterates S1 fabric; mg-cg Qz eyes highlighted though; upper contact with DIA not obvious. Common Cb-filled veinlets approchaing the fault breccia below.

54.78 55.32 (FGS) Felsic Gneiss Sedimentary, ( )

FGS is strongly brecciated (fault) and intensively KFp-altered (orange).

55.32 59.44 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes intensively KFp-altered below fault breccia; alteration obliterates S1 fabric; mg-cg Qz eyes highlighted though. Some Cb-filled veinlets; some Qz veinlets.

59.44 59.95 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

Probable LAMP dyke interval with 45% FGS sleevers (orange; strongly KFp-altered). Probable LAMP is grey/green; masive; with mg-cg Bt phenocrystals; locally strongly magnetic (magnetite?). Looks like the Swamp Fault 2 dyke.

59.95 90.02 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of FGS-Qz Eyes uphole; orange to grey; strongly KFp-altered near upper contact with probable LAMP; then moderately to weakly KFp-altered (grey/slightly orange) down to 63.1m; local weak KFp-altered haloes throughout. Mg-cg Qz eyes texture; local fg levels (compositional layering); moderately foliated. Some very thin late Cb-filled veinlets with thin orange KFp-altered haloes; some QzPy veinlets (locally deformed by open folds); local thin QzFp veinlets. Local vuggy fractures. 0.25-0.5% Py throughout. 7cm wide FGS-Amp level at 65.64m.

90.02 96.33 (FGS) Felsic Gneiss Sedimentary, ( )

FGS is medium to dark grey; fg; moderately foliated; 0.5% Py (diss. blebs); some late thin

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		QzCb veinlets with thin orange KFp-altered haloes; 12cm thick light grey QzPy vein at 91.46m (slightly oblique to S1); few thin Qz veinlets // S1. Local Amp-rich level (compositional layering) are Py-richer (0.75%).								
96.33	**96.68**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS-mg level (previously logged as DIO) tightly folded within (and with) FGS fg interval. Lower contact shows tight F1 fold (S1 axial planar of F1; crosses S0).								
96.68	**97.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of dark grey FGS-fg interval 90.02-96.33m. 0.5% Py.								
97.30	**97.59**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small mg FGS similar to 96.33-96.68m; both levels are probably limbs of a tight F1 fold. Thin Amp-rich level // S1 (compositional layering S0) is similar to AMP-intremediate level below. Lower contact with AMP is tightly F1-folded (S1 is axial planar of fold).								
97.59	**98.95**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP-intermediate level tightly Fi-folded within FGS fg interval (both contacts are tightly F1-folded; S1 is axial planar of folds). Dark green; grey; 1% Py (disseminated); some Ep-rich levels with vuggy fractures. Some thin FGS bands tightly F1-folded with AMP.								
98.95	**103.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is dark grey; mostly fg with some diffuse mg levels (compositional layering); moderately foliated; 0.25% Py. Strong to moderate Ser+KFp altered interval from 101.6 to 102.65m (as beige/orange halo around late Cb veinlets).								
103.48	**104.55**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** UMD LAMP dyke; black/dark grey; massive; moderately foliated; vfg mesostase with fg-mg Cb. Few thin Cb veinlets.								
104.55	**107.44**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is dark grey; weakly to moderately foliated; tr. Amp; small fg level (compositional layering; ondulating contacts); small QzFpAmpChlEp veinlets (vuggy fractures). Some QzFp veinlets.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

107.44 107.79 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Small AMP-intermediate level within FGS unit. Some vuggy fractures; some QzFp veinlets.

107.79 110.60 (FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, ( )

FGS is similar to 104.55-107.44m interval (duplicated by F1 folds?); tr.Amp; dark grey; moderately foliated; fg-mg. ABout 10% QV2 as small Qz(Fp) irregular veins (<14cm wide).

110.60 113.60 (FGS) Felsic Gneiss Sedimentary, ( )

FGS is similar to 98.95-103.48m (not altered though); medium to dark grey; fg; moderately foliated; 0.25% Py.

113.60 113.94 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Small AMP-intermediate level within FGS; contacts are slightly wavy; possibly tightly F1-folded.

113.94 114.16 (FGS) Felsic Gneiss Sedimentary, ( )

Small fg FGS level.

114.16 115.70 (FGS) Felsic Gneiss Sedimentary, ( )

FGS is mg (previously logged as DIO); similar to ther mg FGS intervals uphole. Some Amp-Bt-rich small sleevers (probably tightly F1-folded with FGS). Few thin Qz veinlets. 0.25% Py.

115.70 116.88 (FGS) Felsic Gneiss Sedimentary, ( )

FGS fg (similar to other intervals uphole); dark grey; fg; moderately foliated; 0.25% Py.

116.88 117.42 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Small AMP-intermediate interval; dark green (Amp); grey; 1% Py; 2% Ep; similar to other AMP-Interm. uphole (possibly repeated by tight F1 folds?).

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

117.42 117.85 (FGS) Felsic Gneiss Sedimentary, ( )

Small FGS fg-mg interval (hosting the QV2 below); similar to 114.16-115.7m interval.

117.85 118.12 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Small QV2 vein within FGS mg. Barren; oblique to S1.

118.12 119.57 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained moderately foliated FGS with trace diss Py and local bands/patches containing minor amounts of medium grained biotite. Non magnetic.

119.57 120.54 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated biotite rich AMP with minor banding and tight folding. Minor Py.

120.54 121.10 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with gradational boundaries between the adjacent AMP units. Minor diss Py.

121.10 122.89 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated biotite rich AMP with minor diss Py and gradational contacts.

122.89 123.79 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with minor diss Py and gradational contacts.

123.79 124.68 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated biotite rich AMP with minor diss Py and gradational contacts.

124.68 125.16 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained moderately foliated FGS with minor diss Py and gradational contacts.								
125.16	**125.56**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained moderately foliated biotite rich AMP with minor diss Py and gradational contacts.								
125.56	**126.24**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated FGS with minor diss Py and gradational contacts.								
126.24	**127.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained moderately foliated biotite rich AMP with minor diss Py and gradational contacts.								
127.18	**128.92**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated FGS with short intervals/bands of AMPIN. Minor diss Py throughout. Gradational contacts.								
128.92	**131.93**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Medium to coarse grained weakly foliated porphyritic (plag) QFP with. No observed sulfides. Non magnetic. Sharp contacts.								
131.93	**132.31**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated FGS with minor diss Py and sharp contacts. Non magnetic.								
132.31	**133.49**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Medium to coarse grained weakly foliated porphyritic (plag) QFP with. No observed sulfides. Non magnetic. Sharp contacts.								
133.49	**149.88**	**(FGS) Felsic Gneiss Sedimentary, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained moderately foliated FGS with minor diss Py and gradational contacts.								
149.88	**150.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated biotite rich AMP with minor diss Py and gradational contacts.								
150.70	**161.97**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated FGS with minor diss Py. Several weak textures are observed with very gradual contacts; weak qtz eye; increased biotite; medium grained. Locally F2 folding is also observed. From 152.88m to 153.95m is an intensely folded QV. Several other small grey QVs observed.	A74782	161	161.85	0.85	0.191	AGAT_FAICP		
161.97	**162.17**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Short medium grained GBFG with medium grained biotite and garnets observed in a foliated matrix with elevated Py (2%). Sharp gradational contacts.	A74783	161.85	162.45	0.6	0.23	AGAT_FAICP		
162.17	**164.04**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with minor diss Py. Very weak qtz eye testure observed locally.	A74784	162.45	163	0.55	0.051	AGAT_FAICP		
			A74785	163	164	1	0.085	AGAT_FAICP		
164.04	**164.29**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated biotite rich AMP with minor diss Py and sharp gradational contacts.	A74787	164	164.3	0.3	0.13	AGAT_FAICP		
164.29	**167.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS with minor diss Py and sharp gradational contacts. Vugs are observed locally. Two QVs within section. One QV is folded.	A74788	164.3	165	0.7	0.047	AGAT_FAICP		
			A74789	165	166	1	0.064	AGAT_FAICP		
			A74790	166	167	1	0.029	AGAT_FAICP		
			A74791	167	167.7	0.7	0.034	AGAT_FAICP		
167.80	**168.05**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive white QV.	A74793	167.7	168.1	0.4	0.016	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
168.05	**172.07**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with minor diss cubic Py and sharp gradational contacts.	A74794	168.1	169	0.9	0.05	AGAT_FAICP		
			A74795	169	170	1	0.242	AGAT_FAICP		
			A74796	170	171	1	0.103	AGAT_FAICP		
			A74797	171	172.07	1.07	0.096	AGAT_FAICP		
172.07	**173.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS with minor diss Py and sharp gradational contacts. lower contact with a small QV contains patchy diss Py and Po.	A74799	172.07	173	0.93	0.217	AGAT_FAICP		
173.12	**173.24**	**(QV) Quartz Vein, ( )** Grey massive QV with semi massive Po and Py.	A74800	173	173.3	0.3	0.214	AGAT_FAICP		
173.24	**179.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with minor diss Py and sharp gradational contacts. Two Massive white QVs.	A74801	173.3	174	0.7	0.042	AGAT_FAICP		
			A74802	174	175	1	0.051	AGAT_FAICP		
			A74803	175	176	1	0.025	AGAT_FAICP		
			A74804	176	176.5	0.5	0.022	AGAT_FAICP		
			A74805	176.5	177	0.5	0.039	AGAT_FAICP		
			A74807	177	177.9	0.9	0.024	AGAT_FAICP		
			A74808	177.9	178.5	0.6	0.025	AGAT_FAICP		
			A74809	178.5	179	0.5	0.039	AGAT_FAICP		
179.10	**186.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS with minor diss Py and Po and gradational contacts. Amp content varies gradually within unit and associated with increased Po and Py. Two dark grey boundinaged QVs observed withing Amp rich areas.	A74810	179	179.9	0.9	0.069	AGAT_FAICP		
			A74811	179.9	181	1.1	0.056	AGAT_FAICP		
			A74813	181	182	1	0.194	AGAT_FAICP		
			A74814	182	183	1	0.02	AGAT_FAICP		
			A74815	183	184	1	0.023	AGAT_FAICP		
			A74816	184	185	1	0.033	AGAT_FAICP		
			A74817	185	186	1	0.057	AGAT_FAICP		
186.20	**186.36**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Short fine to medium grained garnet bearing GBFG with minor Po and Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
186.36	**187.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS with minor diss Py and Po and gradational contacts. Two dark grey boundinaged QVs observed.	A74819	186	187	1	0.026	AGAT_FAICP		
187.00	**188.07**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately foliated GBFG with increased Py and Po. Semi massive patches of Po and Py along a boudinaged QV within. Garnets are fine to medium grained.	A74820	187	188.07	1.07	0.408	AGAT_FAICP		
188.07	**189.22**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with weak to moderate qtz eye texture. Sharp but gradational contacts. Trace diss Py.	A74821	188.07	189.22	1.15	0.032	AGAT_FAICP		
189.22	**197.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS with minor diss Py and Po and gradational contacts. Locally biotite content decreases and weak qtz eye texture is observed. A large alteration halo is observed around a deformed/brecciated white QV. Conglomeratic texture observed locally as well but only minorly.	A74822	189.22	190	0.78	0.758	AGAT_FAICP		
			A74823	190	190.5	0.5	0.132	AGAT_FAICP		
			A74824	190.5	191	0.5	0.073	AGAT_FAICP		
			A74825	191	192	1	0.122	AGAT_FAICP		
			A74827	192	193	1	0.031	AGAT_FAICP		
			A74828	193	194	1	0.084	AGAT_FAICP		
			A74829	194	195	1	2.27	AGAT_FAICP		
			A74830	195	196	1	0.228	AGAT_FAICP		
			A74831	196	197	1	0.019	AGAT_FAICP		
			A74833	197	197.83	0.83	0.014	AGAT_FAICP		
197.83	**211.05**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Porphyritic FGS with coarse diss Amp porphyries. Matrix is consists of a consistent biotite rich FGS. Non magnetic and no observed sulfides.	A74834	197.83	199	1.17	0.205	AGAT_FAICP		
			A74835	199	200	1	0.009	AGAT_FAICP		
			A74836	200	201	1	0.091	AGAT_FAICP		
			A74837	201	202	1	0.007	AGAT_FAICP		
			A74839	202	203	1	0.027	AGAT_FAICP		
			A74840	203	204	1	0.45	AGAT_FAICP		
			A74841	204	204.54	0.54	0.016	AGAT_FAICP		
			A74842	204.54	205.3	0.76	0.043	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74843	205.3	206	0.7	0.036	AGAT_FAICP		
			A74844	206	207	1	0.042	AGAT_FAICP		
			A74845	207	208	1	0.327	AGAT_FAICP		
			A74847	208	209	1	0.052	AGAT_FAICP		
			A74848	209	210	1	0.054	AGAT_FAICP		
			A74849	210	211.05	1.05	0.022	AGAT_FAICP		
211.05	**218.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained weakly to moderately foliated intermediate AMP consisting of Amp>plag>bio>qtz. Trace diss Py. Gradational contact with upper unit. Several white veinlets.	A74850	211.05	212	0.95	0.02	AGAT_FAICP		
			A74851	212	213	1	0.06	AGAT_FAICP		
			A74853	213	214	1	0.001	AGAT_FAICP		
			A74854	214	215	1	0.036	AGAT_FAICP		
			A74855	215	216	1	0.083	AGAT_FAICP		
			A74856	216	217	1	0.042	AGAT_FAICP		
			A74857	217	218.2	1.2	0.029	AGAT_FAICP		
218.20	**218.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark grey black LAMP with spots of calcite. Magnetic. No sulfides. Fine to medium grained xeinoliths.	A74859	218.2	218.9	0.7	0.006	AGAT_FAICP		
218.90	**219.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained weakly to moderately foliated intermediate AMP consisting of Amp>plag>bio>qtz. Trace diss Py. Sharp contact with lower unit. Several white veinlets.	A74860	218.9	219.8	0.9	0.008	AGAT_FAICP		
219.80	**222.69**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately foliated FGS with trace to minor muscovite. Trace diss Py. Gradational contact with lower unit. Locally diss epidote. Non magnetic.	A74861	219.8	221	1.2	0.02	AGAT_FAICP		
			A74862	221	222	1	0.017	AGAT_FAICP		
			A74863	222	222.69	0.69	0.036	AGAT_FAICP		
222.69	**229.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately foliated FGS with minor Muscovite and trace diss py. Short gradational upper contact. Short lower contact.	A74864	222.69	224	1.31	0.031	AGAT_FAICP		
			A74865	224	225	1	0.027	AGAT_FAICP		
			A74867	225	226	1	0.033	AGAT_FAICP		
			A74868	226	227	1	0.013	AGAT_FAICP		
			A74869	227	228	1	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74870	228	229.05	1.05	0.016	AGAT_FAICP		
229.05	**230.48**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine grained biotite rich diorite with medium plag porphyries. Diss trace Py.	A74871	229.05	230	0.95	0.06	AGAT_FAICP		
			A74873	230	230.48	0.48	0.086	AGAT_FAICP		
230.48	**236.79**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately foliated FGS with minor Muscovite and trace diss py. Short gradational lower contact. Sharp upper contact. Grain size varies locally and verges locally to FGG.	A74874	230.48	231	0.52	0.261	AGAT_FAICP		
			A74875	231	232	1	0.106	AGAT_FAICP		
			A74876	232	233	1	0.103	AGAT_FAICP		
			A74877	233	234	1	0.056	AGAT_FAICP		
			A74879	234	235	1	0.152	AGAT_FAICP		
			A74880	235	236	1	0.03	AGAT_FAICP		
			A74881	236	236.79	0.79	0.046	AGAT_FAICP		
236.79	**241.66**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained FGS with minor biotite and trace diss Py. Contacts are short and gradational. Several small boundinaged QVs observed.	A74882	236.79	238	1.21	0.073	AGAT_FAICP		
			A74883	238	239	1	0.141	AGAT_FAICP		
			A74884	239	240	1	0.448	AGAT_FAICP		
			A74885	240	241	1	0.418	AGAT_FAICP		
			A74887	241	241.66	0.66	0.134	AGAT_FAICP		
241.66	**245.36**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained biotite rich FGS with trace diss Py. Grain size variation and biotite abundance varies and locally verges on GBFG without garnets.	A74888	241.66	242.5	0.84	0.089	AGAT_FAICP		
			A74889	242.5	243	0.5	0.133	AGAT_FAICP		
			A74890	243	244	1	0.191	AGAT_FAICP		
			A74891	244	244.5	0.5	0.481	AGAT_FAICP		
			A74893	244.5	245.36	0.86	0.212	AGAT_FAICP		
245.36	**248.34**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to coarse grained FGS with minor biotite and trace diss Py. Contacts are short and gradational. Several small boundinaged QVs observed. Sharp lower contact. Gradational upper contact.	A74894	245.36	246	0.64	1.14	AGAT_FAICP		
			A74895	246	246.5	0.5	0.159	AGAT_FAICP		
			A74896	246.5	247	0.5	0.272	AGAT_FAICP		
			A74897	247	248.34	1.34	0.342	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
248.34	**250.34**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained FGS with increased biotite and minor amounts of fine grained garnets. Sharp upper and lower contacts. weak compositional banding throughout. Trace diss Py. Non magnetic.	A74899	248.34	249	0.66	0.376	AGAT_FAICP		
			A74900	249	250.34	1.34	0.48	AGAT_FAICP		
250.34	**251.85**	**(AMP) Amphibolite, ( )** Fine grained dark and light green AMP with minor diss Py/Po and local tight folds. Light green patches are likely CPX. Gradational upper and lower contacts.	A74901	250.34	251	0.66	0.384	AGAT_FAICP		
			A74902	251	251.85	0.85	0.258	AGAT_FAICP		
251.85	**253.47**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained grey to dark grey biotite rich FGS with slight compositional banding. Minor diss Py. Non magnetic. Gradational upper and lower contacts.	A74903	251.85	252.5	0.65	0.367	AGAT_FAICP		
			A74904	252.5	253.47	0.97	0.216	AGAT_FAICP		
253.47	**256.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained grey and green moderately foliated intermidate AMP. Compositional banding observed as AMP and plag increase and decrease. Two QF veins observed semi parallel to foliation. Trace diss Py.	A74905	253.47	254	0.53	0.468	AGAT_FAICP		
			A74907	254	255	1	0.275	AGAT_FAICP		
			A74908	255	256.1	1.1	0.439	AGAT_FAICP		
256.10	**259.11**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium light grey moderately foliated qtz eye texture FGS. Minor diss Py.	A74909	256.1	257	0.9	0.059	AGAT_FAICP		
			A74910	257	258	1	0.095	AGAT_FAICP		
			A74911	258	259.04	1.04	0.105	AGAT_FAICP		
259.11	**259.61**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, (PEGGR) Granitic Pegmatite (<50% quartz)** Grey and white coarse PEG vein with bands of GBFG within the vein and along the contacts. Minor Py and Po.	A74913	259.04	259.61	0.57	0.204	AGAT_FAICP		
259.61	**260.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained green moderately foliated intermediate AMP. Trace diss Py. Compositional banding observed and gradational lower and upper contact observed.	A74914	259.61	260.5	0.89	0.314	AGAT_FAICP		
260.50	**261.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A74915	260.5	261.13	0.63	0.065	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Fine grained moderately foliated light grey FGS. No observed sulfides. Minor biotite.										
261.00	**261.13**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** White and grey PEG. Minor coarse biotite.								
261.13	**261.82**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated green intermediate AMP. Gradational upper and lower contacts as Amp decreases and qtz/plag/bio increase. Trace diss Py.	A74916	261.13	261.82	0.69	0.269	AGAT_FAICP		
261.82	**262.29**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained light grey moderately foliated qtz eye FGS. Sharp gradational upper contact. No sulfides observed.	A74917	261.82	262.29	0.47	0.067	AGAT_FAICP		
262.29	**262.82**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Grey and white coarse grained PEG with minor coarse biotite.	A74919	262.29	262.82	0.53	0.045	AGAT_FAICP		
262.82	**263.67**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with bands of biotite as well as diss biotite within matrix. No sulfides observed within the matrix but two semi massive Py veins are observed near the lower contact. Sharp upper and lower contact.	A74920	262.82	263.67	0.85	0.242	AGAT_FAICP		
263.67	**274.54**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated green intermediate AMP with slight compositional banding where AMP content increases to a more typical mafic AMP. Locally several thin qtz veins observed along foliation. Trace diss Py.	A74921	263.67	264.5	0.83	0.555	AGAT_FAICP		
			A74922	264.5	265	0.5	0.639	AGAT_FAICP		
			A74923	265	266	1	0.672	AGAT_FAICP		
			A74924	266	267	1	0.317	AGAT_FAICP		
			A74925	267	268	1	0.178	AGAT_FAICP		
			A74927	268	269	1	0.422	AGAT_FAICP		
			A74928	269	270	1	0.419	AGAT_FAICP		
			A74929	270	271	1	0.237	AGAT_FAICP		
			A74930	271	272	1	0.368	AGAT_FAICP		
			A74931	272	273	1	0.518	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74933	273	274	1	0.26	AGAT_FAICP		
			A74934	274	274.54	0.54	0.515	AGAT_FAICP		
274.54	**275.07**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass**	A74935	274.54	275.07	0.53	0.893	AGAT_FAICP		
Fine grained Dio with medium grained plag porphyries. Moderately foliated.										
275.07	**277.42**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A74936	275.07	276	0.93	0.502	AGAT_FAICP		
			A74937	276	276.5	0.5	0.276	AGAT_FAICP		
Fine to medium grained moderately foliated green intermediate AMP with slight compositional banding where AMP content increases to a more typical mafic AMP.			A74939	276.5	277.42	0.92	0.145	AGAT_FAICP		
277.42	**277.79**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74940	277.42	277.79	0.37	0.134	AGAT_FAICP		
Coarse grey and pink PEG with coarse biotite towards the contacts. No sulfides observed.										
277.79	**279.64**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A74941	277.79	278.6	0.81	1.11	AGAT_FAICP		
Porphyroblastic garnets within a fine to coarse moderately to strongly foliated GBFG with increased Amp content observed locally. Sharp gradational lower contact. Minor Py and Po.			A74942	278.6	279.64	1.04	1.27	AGAT_FAICP		
279.64	**280.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A74943	279.64	280.5	0.86	0.395	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS. Trace to minor Po and Py.										
280.50	**281.85**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74944	280.5	281.85	1.35	0.19	AGAT_FAICP		
Coarse grained white and grey PEG with coarse to medium grained biotite within the PEG and along contacts. Minor Po and Py.										
281.85	**284.42**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A74945	281.85	283	1.15	0.171	AGAT_FAICP		
			A74947	283	284	1	0.073	AGAT_FAICP		
Fine to medium moderately to strongly foliated grey FGS with minor Py and trace Po. Sharp upper and lower contacts.			A74948	284	284.42	0.42	0.13	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
284.42	**286.33**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass**	A74949	284.42	285.5	1.08	0.047	AGAT_FAICP		
			A74950	285.5	286.33	0.83	0.069	AGAT_FAICP		
		Fine grained biotite rich diorite with coarse plag porphyries. Trace Py.								
286.33	**287.28**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A74951	286.33	287.28	0.95	2.18	AGAT_FAICP		
		Fine to coarse GBFG with fine to medium garnets. Diss and patchy Po and Py.								
287.28	**287.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A74953	287.28	287.75	0.47	2.48	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS with minor to trace diss Py. Coarse biotite observed along lower contact.								
287.75	**288.89**	**(FGG) Felsic Gneiss Granitic, ( )**	A74954	287.75	288.89	1.14	1.04	AGAT_FAICP		
		Medium grained light grey pinkish FGG with medium euhedral biotite porphyries. Trace diss Py.								
288.89	**289.71**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )**	A74955	288.89	289.71	0.82	17.6	AGAT_FAGRA		
		Fine to coarse GBFG and two small boundinaged PEG/QF veins. Minor Po and Py.								
289.71	**290.26**	**(FGG) Felsic Gneiss Granitic, ( )**	A74956	289.71	290.26	0.55	1.15	AGAT_FAICP		
290.26	**290.90**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A74957	290.26	290.9	0.64	1.29	AGAT_FAICP		
		Fine to coarse grained black and grey moderately foliated GBFG with no observed garnets. Several small QV and QF veins within this unit. Minor patchy Po and Py.								
290.90	**291.42**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74959	290.9	291.42	0.52	0.966	AGAT_FAICP		
		Coarse grained white and grey PEG with bands of coarse biotite within vein and along contacts. Minor patchy Py and Po. Could be QV1?								
291.42	**293.24**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )**	A74960	291.42	292	0.58	0.956	AGAT_FAICP		
			A74961	292	292.6	0.6	2.6	AGAT_FAICP		
		Medium grained to coarse grained moderately to strongly foliated and deformed porphyrioblastic GBFG with several small PEG veins. Patchy minor Po and Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74962	292.6	293.24	0.64	1.27	AGAT_FAICP		
293.24	**293.45**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine grained foliated grey porphyritic dio. Plag porphs. Sharp upper and lower contacts. Trace to rare Py.								
293.45	**294.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately to strongly foliated grey FGS Bi with fine garnet porphyroblasts. One small deformed QV. Trace Py and Po.	A74963	293.24	294	0.76	1.44	AGAT_FAICP		
			A74964	294	294.6	0.6	0.979	AGAT_FAICP		
294.60	**295.10**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, ( )** Coarse grained PEG with bands and patches of GBFG.	A74965	294.6	295.1	0.5	0.264	AGAT_FAICP		
295.10	**296.22**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately to strongly foliated grey GBFG. Minor diss and patchy Po and Py.	A74967	295.1	296.22	1.12	3.29	AGAT_FAICP		
296.22	**296.60**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV with biotite Amp Po and Py.	A74968	296.22	296.6	0.38	4.72	AGAT_FAICP		
296.60	**297.45**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately to strongly foliated grey GBFG with minor Po and Py. Locally coarse biotites are observed. Sharp gradational lower contact.	A74969	296.6	297.45	0.85	3.11	AGAT_FAICP		
297.45	**298.80**	**(MAM) Mottled Amphibolite, (MAM) Mottled Amphibolite** Fine to medium grained moderately foliated banded scapolite rich AMP (maybe MAM?). Minor Po and Py. Moderately to strongly magnetic.	A74970	297.45	298	0.55	2.66	AGAT_FAICP		
			A74971	298	298.8	0.8	2.46	AGAT_FAICP		
298.80	**302.51**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately to strongly foliated grey FGS Bi (almost GBFG) with	A74973	298.8	299.4	0.6	1.49	AGAT_FAICP		
			A74974	299.4	299.7	0.3	0.914	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
minor Po and Py. Locally coarse biotites are observed. Sharp gradational upper contact. Sharp lower contact.			A74975	299.7	300.4	0.7	2.27	AGAT_FAICP		
			A74976	300.4	301	0.6	0.934	AGAT_FAICP		
			A74977	301	302	1	0.896	AGAT_FAICP		
			A74979	302	302.51	0.51	1.34	AGAT_FAICP		
302.51	**302.95**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74980	302.51	302.95	0.44	0.601	AGAT_FAICP		
Coarse white and grey PEG with GBFG bands separating several distinct QF veins. Minor diss Py and Po.										
302.95	**307.67**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass**	A74981	302.95	304	1.05	0.463	AGAT_FAICP		
			A74982	304	305	1	0.069	AGAT_FAICP		
			A74983	305	306	1	0.044	AGAT_FAICP		
Fine to medium grained biotite rich Dio matrix with medium to coarse plag phenocyrsts. Several small QVs parallel to foliation are observed and one large white massive QV is observed at 306.59m. No sulfides observed. After the large QV the foliation is fliped until 308m.			A74984	306	306.54	0.54	0.029	AGAT_FAICP		
			A74985	306.54	307	0.46	0.006	AGAT_FAICP		
			A74987	307	307.67	0.67	0.078	AGAT_FAICP		
307.67	**308.58**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A74988	307.67	308.58	0.91	0.533	AGAT_FAICP		
Medium to locally coarse grained moderately to strongly foliated grey and black GBFG with diss medium grained garnets within a medium to coarse biottie rich matrix. Several small QVs parallel to foliation observed. Sharp upper and lower contact.										
308.58	**311.05**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74989	308.58	309	0.42	0.079	AGAT_FAICP		
			A74990	309	309.5	0.5	0.604	AGAT_FAICP		
			A74991	309.5	310	0.5	0.223	AGAT_FAICP		
Light pink and grey coarse to very coarse PEG veins separated by short bands and sections of medium grained FGS and medium to coarse grained GBFG. Patchy Po and Py observed within biotite rich GBFG sections. Foliation is oriented back to the pervasive foliation observed within the hole.			A74993	310	310.5	0.5	0.406	AGAT_FAICP		
			A74994	310.5	311.05	0.55	0.332	AGAT_FAICP		
311.05	**312.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A74995	311.05	311.5	0.45	0.584	AGAT_FAICP		
			A74996	311.5	312	0.5	0.401	AGAT_FAICP		
Fine to medium grained moderately to strongly foliated grey FGS bi with local weak qtz eye texture along lower contact. Several medium sized QF and boundinaged QVs observed. Compositional banding is observed and verges on GBFG and AMPint locally. Trace to minor Po and Py.			A74997	312	312.65	0.65	0.189	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
312.65	**312.94**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)**	A74999	312.65	313	0.35	0.111	AGAT_FAICP		
		Several PEG veins separated by 1-2cm thick FGS bands. Biotite defines foliation. Trace diss Py within FGS.								
312.94	**314.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A75000	313	313.5	0.5	0.302	AGAT_FAICP		
			D59962	313.5	314.28	0.78	0.71	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite rich FGS with local weak qtz eye texture. Two small QF veins parallel to foliation observed. Trace Py and Po within matrix. Locally biotite and garnets are observed (nearly GBFG).								
314.28	**315.08**	**(MAM) Mottled Amphibolite, ( )**	D59963	314.28	315.08	0.8	0.291	AGAT_FAICP		
		Fine to medium grained moderately foliated compositionally banded grey green brown pink MAM unit with minor Local patches and veinlets of Po and trace Py. Magnetic. Minor silicification observed locally.								
315.08	**320.75**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D59964	315.08	316	0.92	0.441	AGAT_FAICP		
			D59965	316	317	1	0.618	AGAT_FAICP		
			D59967	317	318	1	0.425	AGAT_FAICP		
			D59968	318	319	1	0.971	AGAT_FAICP		
			D59969	319	320	1	0.766	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS with trace to nil sulfides. Local patches of medium to coarse biotite and Amp observed. Gradational upper and lower contacts. Several small QF veins observed.	D59970	320	320.75	0.75	0.473	AGAT_FAICP		
320.75	**321.80**	**(MAM) Mottled Amphibolite, ( )**	D59971	320.75	321.8	1.05	0.612	AGAT_FAICP		
		Fine to medium grained moderately foliated compositionally banded grey green brown pink MAM unit with minor Local patches and veinlets of Po and trace Py. Magnetic. Minor silicification observed locally.								
321.80	**325.80**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	D59973	321.8	322.4	0.6	1.44	AGAT_FAICP		
			D59974	322.4	323	0.6	0.881	AGAT_FAICP		
			D59975	323	324	1	2.14	AGAT_FAICP		
			D59976	324	325	1	1.19	AGAT_FAICP		
		Medium to coarse grained GBFG with medium grained garnet porphs. Minor Po and lesser amount Py as diss and patches.	D59977	325	325.8	0.8	0.98	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
325.80	**327.19**	**(FGS, GBFG) Felsic Gneiss Sedimentary, Garnet Biotite Felsic Gneiss, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D59979	325.8	327	1.2	0.516	AGAT_FAICP		
		Fine to medium grained moderately foliated FGS with gradational contacts with shorter less abundant GBFG units. Minor to Trace Py and Po. Gradational contacts.								
327.19	**330.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D59980	327	327.4	0.4	0.561	AGAT_FAICP		
		Fine to medium grained weakly to moderately foliated grey FGS with local qtz eye texture. Minor diss Po and Py.	D59981	327.4	328	0.6	0.624	AGAT_FAICP		
			D59982	328	329	1	0.734	AGAT_FAICP		
			D59983	329	330	1	0.71	AGAT_FAICP		
			D59984	330	330.85	0.85	1.29	AGAT_FAICP		
330.85	**331.17**	**(QFP) Quartz Feldspar Porphyry, ( )**	D59985	330.85	331.17	0.32	0.232	AGAT_FAICP		
		Fine grained QFP with coarse plag crystals. Biotite rich matrix.								
331.17	**331.50**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained AMP with gradational contacts with the surrounding QFP. Minor Po and trace Py.								
331.50	**331.70**	**(QFP) Quartz Feldspar Porphyry, ( )**	D59987	331.17	331.88	0.71	0.498	AGAT_FAICP		
		Fine grained QFP with coarse plag crystals. Biotite rich matrix.								
331.70	**331.88**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained green AMP. Minor Po trace Py.								
331.88	**336.55**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D59988	331.88	332.5	0.62	0.878	AGAT_FAICP		
		Fine to medium grained weakly to moderately foliated grey FGS with minor biotite and several small QF and Qz veins. Trace Po and Py. May have been logged as DIO in previous holes.	D59989	332.5	333	0.5	0.604	AGAT_FAICP		
			D59990	333	334	1	0.463	AGAT_FAICP		
			D59991	334	335	1	0.383	AGAT_FAICP		
			D59993	335	336	1	0.342	AGAT_FAICP		
			D59994	336	336.55	0.55	0.222	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
336.55	**337.25**	**(AMP) Amphibolite, ( )**	D59995	336.55	337.25	0.7	0.14	AGAT_FAICP		
Fine to coarse grained moderately foliated AMP. Locally coarse biotite is observed within a short section. Minor diss Po observed.										
337.25	**352.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D59996	337.25	338	0.75	0.197	AGAT_FAICP		
Fine to medium grained weakly to moderately foliated grey FGS with minor biotite and several small QF and Qz veins. Trace Po and Py. May have been logged as DIO in previous holes.			D59997	338	339	1	0.217	AGAT_FAICP		
			D59999	339	340	1	0.496	AGAT_FAICP		
			D60000	340	341	1	0.85	AGAT_FAICP		
			D60001	341	342	1	0.302	AGAT_FAICP		
			D60002	342	343	1	0.165	AGAT_FAICP		
			D60003	343	344	1	0.106	AGAT_FAICP		
			D60004	344	345	1	0.4	AGAT_FAICP		
			D60005	345	346	1	0.204	AGAT_FAICP		
			D60007	346	347	1	0.052	AGAT_FAICP		
			D60008	347	348	1	0.014	AGAT_FAICP		
			D60009	348	349	1	0.02	AGAT_FAICP		
			D60010	349	350	1	0.04	AGAT_FAICP		
			D60011	350	351	1	0.026	AGAT_FAICP		
			D60013	351	352.15	1.15	0.014	AGAT_FAICP		
352.15	**356.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D60014	352.15	353	0.85	0.002	AGAT_FAICP		
Large fine to medium grained dark grey magnetic LAMP with xeinoliths. Severals carb veinlets and spots. Light green altered contacts. No sulfides observed.			D60015	353	354	1	0.005	AGAT_FAICP		
			D60016	354	355	1	0.004	AGAT_FAICP		
			D60017	355	356	1	0.004	AGAT_FAICP		
356.00	**362.49**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D60019	356	357	1	0.01	AGAT_FAICP		
Fine to medium grained weakly to moderately foliated grey FGS with minor biotite and several small QF and Qz veins. Trace Po and Py. May have been logged as DIO in previous holes.			D60020	357	358	1	0.013	AGAT_FAICP		
			D60021	358	359	1	0.016	AGAT_FAICP		
			D60022	359	360	1	0.023	AGAT_FAICP		
			D60023	360	361	1	0.031	AGAT_FAICP		
			D60024	361	362	1	0.042	AGAT_FAICP		
			D60025	362	362.4	0.4	0.08	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
362.49	**362.68**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Coarse granitic PEG										
362.68	**363.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D60027	362.4	363.3	0.9	0.072	AGAT_FAICP		
Fine to medium grained weakly to moderately foliated grey FGS with minor biotite and several small QF and Qz veins. Trace Po and Py. May have been logged as DIO in previous holes. Gradational contact with lower PEG unit. Sharp upper contact.										
363.30	**364.13**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	D60028	363.3	364.13	0.83	0.025	AGAT_FAICP		
Coarse pink and white granitic PEG vein. Upper and lower contacts are gradational as coarse rounded AMP/Bio? crystal aggregates decrease away from contact.										
364.13	**368.03**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	D60029	364.13	365	0.87	0.068	AGAT_FAICP		
Footwall AMP with light green patches of CPX and trace to minor Po. Sharp upper and lower contacts.			D60030	365	366	1	0.096	AGAT_FAICP		
			D60031	366	367	1	0.048	AGAT_FAICP		
			D60033	367	368.03	1.03	0.295	AGAT_FAICP		
368.03	**370.22**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D60034	368.03	369	0.97	0.021	AGAT_FAICP		
Fine to medium grained weakly to moderately foliated grey FGS with minor biotite. Trace Po and Py. May have been logged as DIO in previous holes.			D60035	369	370.22	1.22	0.045	AGAT_FAICP		
370.22	**372.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	D60036	370.22	371	0.78	0.034	AGAT_FAICP		
Footwall AMP with light green patches of CPX and trace to minor Po. Sharp upper and lower contacts. EOH=372m			D60037	371	372	1	0.012	AGAT_FAICP		

Hole ID : **BL19-01076**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	221.7	Easting :	331104.7707	Logged By :	Colt.Meyer
Dip :	-57.5	Northing :	5303586.917	Logged By 2 :	Miguel.Ricardo
Length :	369	Elevation :	436.8665	Log Start :	10-Mar-2019
Drill Start :	7-Mar-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	16-Mar-2019
Drill Completed :	12-Mar-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Hole logged by Miguel Ricardo and Colt Meyer; no visible gold and small zone due to hole deviating from intended target area slightly; small lower MAM zone and GBFG intervals but no significant ore zone intersection; spot sampled at 156 and fully sampled from 233 m down; Miguel logged from 0 to 146.32 and Colt logged from 146.32 to EOH or 369 m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**3.30**	**(OB) Overburden, ( )**								
No recovery from 0-3m; cobble boulders from 3-3.3m; consisting of FGS and AMPG.										
3.30	**11.78**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
Green; grey; pink; f-cg AMPG with mod felsic background from 3.3-6.1m; becoming more mafic from 6.1-10.36m with minor irregular grey/pink felsic and green mafic banding/veining. Felsic-rich from 10.36-11.04m; with abundant grey background. Typical AMPG from 11.04 to end of interval with shallow TCA thin vein that follows core to lower contact which has similar orientation.										
11.78	**14.56**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey; minor black fg FGS with trace-minor biotite and massive texture. Contacts non-parallel with lower contact sharp to AMPG that has elevated pyrite in last 5-10cm.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

14.56 26.59 (AMPG) Amphibole Felsic Gneiss, ( )

Green; grey; f-cg AMPG very similar to previous unit; higher biotite in upper 40cm with finer grain size and min-mod pyrite; otherwise very uniform texture with minor regular qtz-carb veins. Lower contact sharp to FGS; near regular qtz vein.

26.59 27.13 (FGS) Felsic Gneiss Sedimentary, ( )

Pink; grey; f-mg FGS that has mod-strong pot alteration and mod breccia mostly beginning at 26.8m and increasing down interval. Unit is upper part of fault zone. Lower contact sharp; highly irregular and highly fractured/brecciated to AMPG.

27.13 33.12 (AMPG) Amphibole Felsic Gneiss, ( )

Green; grey; f-cg AMPG with abundant fracturing; mod; patchy gouge; healed faulting and min-mod breccia. Unit becomes more mafic and decreasing grain size in last 80cm; possibly AMP if necessary to split. Lower contact sharp to FGS qze.

33.12 44.70 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; pink; white; f-cg FGS with patchy; min-mod qze texture; min patchy biotite; patchy mod-strong pot alteration; min-mod fracturing; some mm-scale healed fractures filled with carb. Minor qtz/qtz sulphide veinlets-trace regular with patchy trace sulphide aggregates. Lower contact mod-sharp to AMPG-BB-fel2.

44.70 45.50 (AMPG) Amphibole Felsic Gneiss, ( )

Grey; green; f-cg AMPG with mod-strong grey felsic background and usual m-cg amphibole porphyroclasts. Contacts are weakly visible; obscurred by pot mod alteration. Lower unit similar FGS qze.

45.50 46.77 (FGS) Felsic Gneiss Sedimentary, ( )

Pink; grey; white; f-cg FGS wtih patchy min-mod qze texture and mod-strong patchy pot alteration.

46.77 47.46 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Highly irregular mostly white; grey; vf-fg QV2 mixed with pink FGS wallrock. No obvious structure to vein. Lower contact non-planar mixed to FGS qze.

47.46 51.59 (FGS) Felsic Gneiss Sedimentary, ( )

Pink; grey; white; f-cg FGS with patchy; min-mod qze texture similar to previous units; min

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

patchy biotite; patchy mod-strong pot alteration; min-mod fracturing; some mm-scale healed fractures filled with carb stronger toward lower contact; with larger healed fault between 51-51.59m. Lower contact sharp to DIA.

51.59 55.00 (DIA) Diabase Dike, ( )

Black; grey; vf-fg DIA that is non-magnetic; has mod-strong; patchy carbonate veinlets; strongest at top to 51.8m and 52.4-52.8m. Two possible cm-sized UMDs between 52.4-52.8m. Lower contact is not parallel to upper near carbonate veinlet and fractured to FGS; highly altered

55.00 56.05 (FGS) Felsic Gneiss Sedimentary, ( )

Pink; white; fg? FGS that has intense pot alteration and mod-strong; patchy carb veinelts/veins; mod healed faulting and breccia with carb infill. Lower contact sharp to DIA.

56.05 56.85 (DIA) Diabase Dike, ( )

Black; grey; fg DIA that is non-magnetic; has weak-mod; patchy carbonate veinlets and more evident salt and pepper texture. Lower contact is not parallel to upper near carbonate veinlet and fractured to FGS; altered with qze.

56.85 62.93 (FGS) Felsic Gneiss Sedimentary, ( )

Pink; white; grey; f-cg FGS with patchy; mod qze texture similar to previous units; patchy mod-strong pot alteration decreasing down interval; min patchy biotite; min-mod fracturing decreasing down interval; some mm-scale healed fractures filled with carb stronger toward upper contact; strongest between top and 58m. Lower contact weak to QV2 mixed into FGS.

62.93 63.33 (QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2)
Massive quartz vein

White; fg QV2 with min-mod pyrite; non-planar contacts; highly mixed with pink; grey; f-mg FGS that is the same as units above and below. Lower contact sharp to FGS qze.

63.33 64.36 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, ( )

Pale green; black; beige; vf-mg UMD dykes; four with patchy min-mod xenoliths/crystals; planar contacts intruding into pink; grey; f-mg FGS; similar to prevous unit.

64.36 79.00 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
79.00	**93.18**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; fg FGS; mostly fg with minor f-mg disseminated biotite; decreasing down interval; min patchy disseminated pyrite; foliation weak to massive in sections; minor vugs; trace-min xenoliths/clasts of increased mafic minerals and sulphides. Substantially decreased pot alteraiton; outside fault zone. Lower contact is not parallel to foliation to mixed QV2/FGS.								
93.18	**93.68**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2)** **Massive quartz vein** White; fg QV2 with min patchy m-cg pyrite and min feldspar; min vuggy and highly irregular angle to foliation and mixed with dark grey; grey; fg FGS; similar to upper and lower units. Lower contact irregular; non-planar but sharp to FGS.								
93.68	**99.58**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; fg FGS; very similar to previous; mostly fg with minor f-mg disseminated biotite; min patchy disseminated pyrite; patchy min vugs; foliation weak to massive in sections; one FGS por/DIO band between 97.2-97.4m. Lower contact is sharp to AMPG.								
99.58	**103.75**	**(AMPG) Amphibole Felsic Gneiss, ( )** Green; grey; f-cg AMPG very similar to units above; with mostly consistent texture throughout and folding of AMPG at both contacts; minor carb veinelts. Lower contact sharp; folded to FGS.								
103.75	**110.43**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS with consistent disseminated black f-mg biotite with minor variation; consistent white por texture throughout; trace bands/clots of increased biotite/amphibole. Lower contact sharp at QV2.								
110.43	**111.04**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2)** **Massive quartz vein** White; fg qtz vein with f-mg green amphibole and patchy trace sulphides. Mixed with Green; pink; f-mg FGS that is similar to units around but altered. Lower contact sharp to FGS.								
111.04	**114.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; black; f-mg FGS similar to previous with consistent disseminated black f-mg biotite with minor variation; consistent white por texture throughout; trace bands/clots of increased biotite/amphibole. Lower contact sharp at AMP/AMPIN.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

114.65 115.33 (AMP) Amphibolite, ( )

Green; grey; beige; f-mg AMP transitional to AMPIN; min vuggy texture and consistent por texture throughout; possibly transitional from AMPG texture; minor pot and min-mod chlor/epid alteration. Lower contact weakly gradational over 3-5cm to FGS.

115.33 119.25 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; black; white; f-mg FGS por; similar to other units; with consistent disseminated black f-mg biotite with min-mod variation; consistent white por texture throughout; trace bands/clots of increased biotite/amphibole. Lower contact sharp at AMP/AMPG.

119.25 122.14 (AMP) Amphibolite, ( )

Green; grey; beige; f-cg AMP very similar to previous but larger grain size; min vuggy texture and consistent pob texture throughout; possibly transitional from AMPG texture; minor pot and min-mod chlor alteration. Lower contact sharp to FGS.

122.14 122.45 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; black; white; f-mg FGS por; similar previous small band with min-mod variation; consistent white por texture throughout; trace bands/clots of increased biotite/amphibole. Lower contact sharp at AMP/AMPG.

122.45 125.90 (AMP) Amphibolite, ( )

Green; grey; beige; f-cg AMP very similar to previous but larger grain size; min vuggy texture and consistent pob texture with min-mod variability in lower 1-2m; possibly grading to AMPG texture; minor pot and min-mod chlor/epid alteration. Lower contact sharp to FGS.

125.90 126.18 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fg FGS with min variation; trace-min sulphides; min strain; trace bands/clots of increased biotite. Small band between AMP units; appears folded or AMP folded within FGS. Lower contact sharp at AMP/AMPG.

126.18 127.25 (AMP) Amphibolite, ( )

Green; grey; f-cg AMP very similar to previous but smaller grain size; min vuggy texture and patchy pob texture decreasing down interval; grading away from AMPG; min chlor alteration; folded upper contact with FGS. Lower contact gradational to AMP/FGS unit.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

127.25 128.24 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Green; grey; f-mg AMP with consistent amp texture that is banded/folded with grey; green; f-mg FGS that is between 5-10cm thick. Lower contact sharp to more consistent FGS texture.

128.24 129.92 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; f-mg FGS with trace-minor patchy 1-5cm bands of AMP with min-mod vugs. Minor variability in FGS with almost the same amount of biotite variability (as bands) as AMP banding; strongest in lower 50cm. Lower contact sharp to AMPG-Fel2-strainxt-burrito sauce.

129.92 132.10 (AMPG) Amphibole Felsic Gneiss, ( )

Grey; green; f-cg AMPG with mostly consistent texture; some grey felsic banding in upper metre; LAMPD between 131.31-131.41m; stronger felsic band between 131-83-131.97m and biotite-rich band (ultramafic?) from 131.97m to end of interval; which is at 2-3cm QF vein to FGS.

132.10 132.70 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; white; f-mg FGS that is mostly fg with patchy minor wisps/bands of f-mg FGS; folded/gradational grainsize increase? to lower unit which is QFP/FGS.

132.70 133.69 (QFP, FGS) Quartz Feldspar Porphyry, Felsic Gneiss Sedimentary, ( )

Garbage lith; one of best examples of QFP sediment so far; strongly banded with FGS; mod sharp sometimes gradational. Lower contact sharp to QV2.

133.69 134.15 (QV) Quartz Vein, (QZVT2) Massive quartz vein

White; fg qtz material with grey; green; f-mg strongly mixed at top with QFP/FGS material. Min-mod massive increasing down vein. Lower contact sharp to QFP.

134.15 134.30 (QFP) Quartz Feldspar Porphyry, ( )

Grey; white; pink; f-cg thin QFP band directly below QV2 with mod-strong contact; weak foliation and highly fractured. Lower contact gradational/obscured by pot alteration to FGS.

134.30 144.40 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; black; white; f-mg FGS with mostly consistent texture; minor banding of biotite and patchy disseminated/banded sulphides; with minor patchy massive QF veins; some planar

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
and boudinaged. Lower contact very sharp to LAMPD.										
144.40	**144.60**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Black; vf-fg LAMPD with minor xenoliths; carb inclusions. Lower contact very sharp; same orientation as top to same FGS.										
144.60	**146.32**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey; black; white; f-mg FGS similar to previous with mostly consistent texture; minor banding of biotite and patchy disseminated/banded sulphides; with trace patchy QF vein; minor pot/ser alteration at end of interval. Lower contact mod sharp and altered to LAMPD.										
146.32	**146.69**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
dark grey to black fine to medium-grained lamprohyre dykelet defined by abundant mm-scale carbonate phenocrysts and knife-sharp contacts; dyke influx noted by pulse separation										
146.69	**147.11**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
unit appears massive but very weak foliation is indicated by pyrite wisps; green and grey fine to medium-grained amphibolite										
147.11	**152.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
gradational and interactive upper contact; dark grey medium to coarse-grained unit composed primarily of quartz feldspar and biotite; small fluctuations in grain size and intermittent amphibolite bands; late crosscutting quartz-carbonate stringers with soft sericite alteration haloes; sporadic quartz and quartz-feldspar veinlets varying between concordant and discordant orientation										
152.40	**156.37**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
no alpha provided because upper contact is only a grain size and compositional separation; medium to coarse-grained quartz-feldspar-biotite unit with increased silicification as a result of localized reheating at low temperatures; mottled texture with interwoven quartz-feldspar patches and minor disseminated Py										
156.37	**157.05**	**(QV, AMP) Quartz Vein, Amphibolite, (QZVT2) Massive**	D60039	156.37	157.05	0.68	0.066	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz vein melt mingling at interactive upper contact so no alpha angle; massive grey quartz vein with substantial wallrock incorporation within 15 cm of contacts; late brittle quartz fracture infill outlined by red hematite and potassic alteration; patchy Py-Po mineralization and pink leucosomatic partial melt patches								
157.05	**160.62**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** high alpha angle as upper contact is defined by sharp vein alteration contact perpendicular to core long axis; medium-grained quartz-feldspar-biotite unit with disseminated Py throughout; massive grey quartz pods and crosscutting late quartz-carbonate stringers with soft sericite alteration haloes; some stringers also possess potassic alteration halo overgrown by sericite alt; dakrer bands and patches show increased amphibole and biotite abundance; biotite elongated parallel to foliation								
160.62	**161.10**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** light grey massive quartz-feldspar vein with sporadic blotches of pale green chlorite-epidote alteration; sharp contacts with moderate incorporation of remelted FGS hostrock; interwoven hotsrock bands near lower contact showing smooth integration with vein material								
161.10	**162.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** mid to dark grey moderately-foliated quartz-feldspar-biotite unit with intermittent quartzo-feldspathic bands parallel to foliation; minor disseminated Py; sporadic warped biotite lathes with 10 to 1 elongation; quartz vein from 161.57 to 161.82								
162.18	**162.66**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** gently undulating quartzo-feldspathic remelt with incorporated anastomosing bands of FGS wallrock; section of pink and grey interlocking quartz-feldspar alternate with more quartz-dominant melt sections; patchy blotches of translucent green chlorite-epidote alteration; very minor disseminated Py								
162.66	**163.84**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** intercalated bands of intermediate amphibolite and FGS; amphibolite is composed of dark alternating grey and green bands with minor disseminated Py throughout; FGS is a mid to dark grey banded unit with lower average Py abundance; four quartz-carbonate stringers with strong potassic and sericitic haloes								
163.84	**166.55**	**(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								
		medium-grained mid to dark grey FGS with sporadic patches of intermediate amphibolite; localized vuggy quartz bands and zone of elongated to tapered quartzose bands from 165.9 to 166.55 m depth								
166.55	**167.78**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		mid to dark green and grey intermediate amphibolite characterized by sharp tapered green wedges set in greyer groundmass; jagged pattern of alternating green wedge shapes and minor disseminated Py throughout								
167.78	**168.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		mid to dark grey fine to medium-grained FGS defined by thin biotite grains elongated parallel to foliation with roughly 4 to 1 elongation; localized narrow late quartz-carbonate stringers with thin sericitic and potassic alteration haloes; small quartz patch with coarse pyrrhotite mineralization								
168.52	**169.43**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		fine-grained green intermediate amphibolite with minor disseminated Py and relict quartz-carbonate bands; unit is relatively unaltered with well-defined concordant contacts								
169.43	**176.29**	**(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 intermittent crosscutting quartz-carbonate stringers; stringer have sericitic or sericitic and potassic alteration haloes; groundmass is unaltered and silicification is minimal; sporadic amphibolite intercepts with increase in Py abundance as a result of heightened iron and magnesium constituents								
176.29	**177.61**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		green and grey medium-grained intermediate amphibolite with intermittent FGS patches; minor to moderate Py disseminated and in stringers with minor associated Po; crosscutting quartz-carbonate stringers; sections of fine-grained equant amphibole grains and sections of coarse rhombohedral amphibole crystals with strong 60 120 cleavage; sporadic low abundance of almandine garnet lenses								
177.61	**181.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		medium to coarse-grained grey and green quartz-feldspar-biotite unit with intermittent patches and bands of amphibole enrichment; minor disseminated to banded Py sharing synchronous elevated abundance with amphibole; lower half of unit defined by abundant very fine-grained almandine garnet porphyroblasts								
181.60	**184.35**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite unit with intermittent Py-Po mineralization in bands and disseminations; fluctuating concentration of fine-grained almandine garnet porphyroblasts and localized patchy sericite alteration								
184.35	**185.74**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** medium-grained watery grey FGS with intermittent quartz-carbonate stringers highlighted by sericitic alteration haloes; low abundance of sporadic coarse almandine porphyroblasts; grey spherical quartz eyes near upper contact and localized narrow bands with amphibole and garnet infill								
185.74	**186.21**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** dark green medium-grained intermediate amphibolite with minor disseminated Py; opaque white leucosomatic melt bands near lower contact and intensely sericitized zone								
186.21	**187.59**	**(FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** light grey foliated coarse-grained FGS with watery patches of silicification; localized evidence of reheating and blotchy quartz throughout unit; soft sericitic alteration haloes on crosscutting quartz-carbonate microveinlets								
187.59	**191.62**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** alternating and intensely altered intermediate amphibolite and FGS unit; bands of potassic-altered pink and green coarse amphibolite separated by intensively silicified and watery grey FGS; alteration consist of potassic and sericitic bands								
191.62	**194.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** watery grey and entirely silicified FGS composed primarily of quartz and feldspar with minor biotite; sericitic and potassic alteration haloes on crosscutting quartz-carbonate stringers								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
194.54	**195.79**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** green coarse-grained intermediate amphibolite with sporadic small patches of grey quartz								
195.79	**209.60**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** grey and green coarse-grained intermediate amphibolite felsic gneiss; equigranular massive unit of disseminated grains with coarse amphibole crystals dispersed throughout and intense sericitic alteration haloes; gradational upper contact with intermediate amphibolite								
209.60	**212.90**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with sharp contacts and large green amphibole crystals; localized sericitic alteration								
212.90	**222.97**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to coarse-grained grey quartz-feldspar-biotite unit with c=varying degrees of moderate silicification and weak banding defined by increased strength in foliation; intense red potassic alteration haloes and moderate to strong sericitic alteration haloes on multiple generations of crosscutting quartz-carbonate stringers; intermittent narrow quartz-pyrite veinlets and quartzo-feldspathic melt bands; increased abundance of melt patches in silicified area near lower contact								
222.97	**223.93**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained grey and green intermediate amphibolite with intensive patches and bands of potassic alteration as well as moderate sericitic alteration; sharp upper and lower contact								
223.93	**230.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** grey and pink coarse-grained FGS with flecks of disseminated muscovite throughout; intermittent quartzofeldspathic budinaged melt bands and patchy potassic alteration associated with grain size increase; zones of small white leucosome pebbles indicative of higher degree melting; banding defined by fluctuation in concentrations of biotite								
230.00	**233.74**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60040	233.02	233.74	0.72	0.109	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		coarse-grained mid to light grey quartz-feldspar groundmass separated by intermittent bands of aligned biotite grains; quartz veinlets and melt bands throughout unit as well as sporadic quartz-carbonate stringers with trace sericite alteration haloes								
233.74	**237.18**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained grey and black unit defined by alternating bands of biotite-pyrite and quartz-feldspar; localized milky greyish quartz veins and late quartz-carbonate stringers	D60041	233.74	234.25	0.51	0.274	AGAT_FAICP		
			D60042	234.25	235	0.75	0.135	AGAT_FAICP		
			D60043	235	235.51	0.51	0.079	AGAT_FAICP		
			D60044	235.51	235.9	0.39	0.55	AGAT_FAICP		
			D60045	235.9	236.44	0.54	1.79	AGAT_FAICP		
			D60047	236.44	237.18	0.74	0.725	AGAT_FAICP		
237.18	**237.68**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** coarse-grained conformable grey quartz vein minimally deformed; contains incorporated bands of remelted metasedimentary hostrock and possesses sharp contacts with surrounding lithologies; pale tranlucent green chlorite alteration of some quartz grains	D60048	237.18	237.68	0.5	0.032	AGAT_FAICP		
237.68	**240.67**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained mid to light grey quartz-feldspar-biotite unit with zones of patchy banded silicification; milky light grey and white quartz melt bands throughout; well-defined foliation and very minor disseminated Py	D60049	237.68	238.6	0.92	0.163	AGAT_FAICP		
			D60050	238.6	239.56	0.96	4.31	AGAT_FAICP		
			D60051	239.56	240	0.44	0.065	AGAT_FAICP		
			D60053	240	240.67	0.67	0.04	AGAT_FAICP		
240.67	**248.92**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** green fine to medium-grained footwall amphibolite defined by alternating light and dark green bands as a function of fluctuations in amphibole concentration; thin quartz bands and patches of intense sericitic alteration	D60054	240.67	242	1.33	0.323	AGAT_FAICP		
			D60055	242	243.5	1.5	0.631	AGAT_FAICP		
			D60056	243.5	245	1.5	0.633	AGAT_FAICP		
			D60057	245	246.5	1.5	1.18	AGAT_FAICP		
			D60059	246.5	248	1.5	0.507	AGAT_FAICP		
			D60060	248	248.92	0.92	0.365	AGAT_FAICP		
248.92	**250.42**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** dark grey strongly silicified quartz-feldspar-biotite unit with well-defined banding accentuated by aligned biotite grains; weak sericitic and potassic alteration haloes on crosscutting quartz-carbonate stringers; minor disseminated Py	D60061	248.92	250	1.08	0.099	AGAT_FAICP		
			D60062	250	250.42	0.42	0.082	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
250.42	**251.00**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** increased amphibole abundance in silicified intermediate amphibolite and FGS material; localized potassic and sericitic alteration haloes on crosscutting quartz-carbonate stringers; disseminated Py	D60063	250.42	251	0.58	0.174	AGAT_FAICP		
251.00	**253.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained silicified FGS defined by wavy bands of aligned biotite grains separated by interwoven quartz-feldspar groundmass; intermittent and interactive quartzo-feldspathic melt bands with fragments of incorporated hostrock and conformable to gently undulating behaviour	D60064	251	251.6	0.6	0.047	AGAT_FAICP		
			D60065	251.6	252	0.4	0.074	AGAT_FAICP		
			D60067	252	252.8	0.8	0.036	AGAT_FAICP		
			D60068	252.8	253.54	0.74	0.045	AGAT_FAICP		
253.54	**254.25**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** light grey and white quartzofeldspathic melt band with wavy undulating habit and section of incorporated FGS wallrock; localized disseminated pyrite	D60069	253.54	254.25	0.71	0.021	AGAT_FAICP		
254.25	**255.56**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** siliceous quartz-feldspar-bitoite unit distinguished by pegmatitic quartzofeldspathic melt bands and pervasive patchy low temperature reheating; reheating characterized by blotches of quartz and minimal foliation; different from remelting as temperatures were not nearly high enough to yield leucosome formation ergo destruction of long term periodicity	D60070	254.25	254.91	0.66	0.075	AGAT_FAICP		
			D60071	254.91	255.56	0.65	0.103	AGAT_FAICP		
255.56	**256.59**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** transition from reheated FGS into quartz pegmatite into very coarse-grained granitic pegmatite melt with up to 10 cm by 3 cm euhedral feldspars; unit shows interaction of intrusive granitic pegmatite with wallrock at low temperature leading to melt separation into zones; zones are the biotite-bearing wallrock incorporation near the contact followed by localization of quartz only zones as well as the granitic pegmatite itself	D60073	255.56	256.59	1.03	0.03	AGAT_FAICP		
256.59	**258.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained grey and green unit with varying proportions of amphibole and biotite; dark and light green alternating bands and increased sulphide abundance compared to other units; localized crosscutting quartz-carbonate veinlet with strong sericitic alteration halo	D60074	256.59	256.9	0.31	0.527	AGAT_FAICP		
			D60075	256.9	257.42	0.52	0.45	AGAT_FAICP		
			D60076	257.42	258.2	0.78	0.335	AGAT_FAICP		
258.20	**259.50**	**(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	D60077	258.2	259.5	1.3	0.185	AGAT_FAICP		
		coarse-grained reheated FGS unit with strong silicification defined by splotches and pods of quartz; trace sericite alteration haloes on hairline crosscutting quartz-carbonate microveinlet but I mean not really much else to say here								
259.50	**260.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D60079	259.5	260	0.5	0.248	AGAT_FAICP		
		coarse-grained green and grey intermediate amphibolite characterized by fluctuating proportions of amphibole and biotite; blotchy dark and light green bands throughout and fine disseminated Py-Po mineralization								
260.00	**261.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60080	260	261.12	1.12	0.067	AGAT_FAICP		
		medium to coarse-grained quartz-feldspar-biotite unit that transitions from well-defined quartz-feldspar and biotite bands to disseminated quartz-feldspar-biotite to a remheated quartzose section with weak pale pink potassic alteration								
261.12	**270.32**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D60081	261.12	262	0.88	0.478	AGAT_FAICP		
		grey and green fine to medium-grained intermediate amphibolite defined by alternating greyish green and green bands; disseminated to wispy pyrhhotite and pyrite mineralization throughout in varying proportions; narrow milky grey quartz and quartz-carbonate veinlets throughout; trace to moderate sericitic alteration haloes on some quartz-carbonate veinlets	D60082	262	263	1	0.509	AGAT_FAICP		
			D60083	263	264	1	0.351	AGAT_FAICP		
			D60084	264	265	1	0.302	AGAT_FAICP		
			D60085	265	266.03	1.03	0.261	AGAT_FAICP		
			D60087	266.03	267	0.97	0.201	AGAT_FAICP		
			D60088	267	268	1	0.139	AGAT_FAICP		
			D60089	268	269	1	0.11	AGAT_FAICP		
			D60090	269	270.32	1.32	0.2	AGAT_FAICP		
270.32	**271.57**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60091	270.32	271.57	1.25	0.042	AGAT_FAICP		
		medium to coarse-grained dark grey siliceous FGS; patch of intense sericite and weak potassic alteration near lower contact								
271.57	**273.34**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D60093	271.57	271.95	0.38	0.376	AGAT_FAICP		
		green and grey medium-grained intermediate amphibolite with patches of strong sulhpide mineralization; patches of fine to medium-grained almandine garnet porphyroblasts near lower end of unit and dark grey patches of quartz	D60094	271.95	273	1.05	1.36	AGAT_FAICP		
			D60095	273	273.34	0.34	1.44	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
273.34	**273.87**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** coarse-grained equigranular quartz melt band with patches of milky pink feldspar and intertitial biotite clusters; interactive mingling contacts with incorporated pieces of wallrock and green chrysoberyl or chlorite alteration on quartz grains	D60096	273.34	273.87	0.53	0.067	AGAT_FAICP		
273.87	**274.94**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** mid to dark grey siliceous FGS with minor disseminated Py; weak to moderate foliation and crosscutting quartz-carbonate hairline stringers with moderate to strong sericite alteration haloes	D60097	273.87	274.94	1.07	0.087	AGAT_FAICP		
274.94	**275.24**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** fine to medium-grained grey and black garnet-barren GBFG with increased disseminated Py; localized patch of strong sericite alteration and sharp contacts	D60099	274.94	275.24	0.3	0.358	AGAT_FAICP		
275.24	**276.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** light grey siliceous quartz-feldspar-biotite unit with intermittent quartz-carbonate hairline stringers boasting potassic and sericitic alteration haloes; smudgy quartz eyes in places	D60100	275.24	276.23	0.99	0.044	AGAT_FAICP		
276.23	**276.60**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse to very coarse-grained quartzofeldspathic melt band transitioning from quartzose melt with wallrock interaction to equigrnaular groundmass of interlocking quartz and feldspar grains; deformed moderately and undulating	D60101	276.23	276.6	0.37	0.022	AGAT_FAICP		
276.60	**277.71**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** mid to dark grey quartz-feldspar-biotite unit with compositional banding characterized by abrupt change in biotite content and increased susceptibility to alteration; crosscutting quartz-carbonate stirngers with moderate potassic and strong sericitic alteration haloes; conformable granitic pegmatite band with sharp contacts partway through unit	D60102	276.6	277.71	1.11	0.057	AGAT_FAICP		
277.71	**278.18**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** grey and black quartz-feldspar-biotite unit defined by alternating fine-grained quartz-feldspar bands and medium-grained biotite-pyrite bands; thick sericitized contacts and increase pyrite abundance compared to average units	D60103	277.71	278.18	0.47	2.28	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
278.18	**279.98**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** light grey fine-grained quartz-feldspar groundmass with medium-grained disseminated amphibole crystals and medium to coarse-grained quartz eyes throughout unit; patchy weak potassic alteration and sharp contacts; localized cm-scale large quartz boudins	D60104	278.18	279	0.82	0.103	AGAT_FAICP		
			D60105	279	279.98	0.98	0.056	AGAT_FAICP		
279.98	**280.81**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained grey and black unit with well-defined banding distinguished by wavy biotite crenulation; banded interstitial pyrite and pegmatitic quartzofeldspathic melt bands with interstitial very coarse biotite lathes	D60107	279.98	280.81	0.83	1.36	AGAT_FAICP		
280.81	**281.62**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse to very coarse-grained pink and grey muddy pegmatitic quartz vein with trnasition from wallrock-incorporative quartz-feldspar-biotite FGS remelt to very coarse-grained quartz pegmatite with patchy floating pink feldspars; sharp conformable contacts	D60108	280.81	281.62	0.81	0.225	AGAT_FAICP		
281.62	**282.36**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained grey and black banded unit defined by alternating quartz-feldspar and biotite bands; disseminated pyrite throughout and sharp contacts; two to six centimetre apparent width pegmatitic quartz-feldspar melt bands with conformable sharp contacts; melt bands contain coarse interstitial biotite lathes and clusters	D60109	281.62	282.36	0.74	1.19	AGAT_FAICP		
282.36	**288.94**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** light grey and green quartzofeldspathic sediment with abundant quartz phenocrysts highlighting a dioritic fabric that persists all the way to 287.5 metres depth; greater amphibole and lesser biotite dot the groundmass between quartz and feldspar grains; weak potassic alteration bands and sericitic potassic vein envelopes on crosscutting quartz-carbonate veinlets; massive dark grey quartz veins occur sporadically and some localized red alteration occurs on one of them	D60110	282.36	283	0.64	0.053	AGAT_FAICP		
			D60111	283	284	1	0.027	AGAT_FAICP		
			D60113	284	285	1	0.088	AGAT_FAICP		
			D60114	285	286	1	0.066	AGAT_FAICP		
			D60115	286	287	1	0.029	AGAT_FAICP		
			D60116	287	288	1	0.326	AGAT_FAICP		
			D60117	288	288.94	0.94	0.446	AGAT_FAICP		
288.94	**290.39**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained granitic pegmatite melt with several centimetre wide muddy pink feldspars; patches of very coarse interstitial biotite clusters and sections of disseminated coarse biotite scavenged from surrounding wallrock; very coarse and thick patch of biotite near lower contact with grain boundaries outlined by sericite alteration	D60119	288.94	290.39	1.45	0.598	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
290.39	**291.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** medium to coarse-grained quartz-feldspar groundmass segregated by reoccurring bands of aligned biotite grains; singular quartz-carbonate stringer with moderate potassic and sericitic alteration envelope; small patch of almandine garnet porphyroblasts with specks of white opaque leucosomatic melt assumed to be reach of partial melting from underlying mottled amphibolite unit	D60120	290.39	291.2	0.81	0.674	AGAT_FAICP		
291.20	**292.56**	**(MAM) Mottled Amphibolite, ( )** fine to medium-grained green and beige partial melt defined by sweeping bands of scapolite-rich material alternating with light and dark green amphibole-rich bands; speckled leucosomatic material between some bands and patches of medium-grained almandine garnet porphyroblasts; disseminated pyrite and pyrrhotite as well as localized patches of very coarse pyrite and pyrrhotite; small crosscutting extensional quartz-feldspar gashes	D60121	291.2	291.51	0.31	3.17	AGAT_FAICP		
			D60122	291.51	291.95	0.44	4.13	AGAT_FAICP		
			D60123	291.95	292.25	0.3	2.66	AGAT_FAICP		
			D60124	292.25	292.56	0.31	2.21	AGAT_FAICP		
292.56	**294.84**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained grey and black almandine garnet-porphyroblastic unit with intermittent quartzofeldspathic melt bands; disseminated Py in groundmas and patchy coarse Py-Po in veins; extensive bluish green intensely-chloritized section from 293.14 to 293.86 metres depth	D60125	292.56	293	0.44	1.58	AGAT_FAICP		
			D60127	293	293.41	0.41	1.37	AGAT_FAICP		
			D60128	293.41	294	0.59	4.23	AGAT_FAICP		
			D60129	294	294.54	0.54	1.04	AGAT_FAICP		
			D60130	294.54	294.84	0.3	0.529	AGAT_FAICP		
294.84	**295.64**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** fine-grained quartzofeldspathic unit defined by quartz and plagioclase phenocrysts as well as disseminated medium-grained amphibole crystals; sharp sericitized contacts	D60131	294.84	295.64	0.8	0.287	AGAT_FAICP		
295.64	**298.69**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** grey and black medium-grained GBFG composed primarily of quartz-feldspar bands alternating with biotite-rich bands; sporadic patches of low abundance almandine garnet porphyroblasts; localized quartzofeldspathic melt bands with sharp conformable contacts and evenly spaced 2 to 3 cm wide blue chlorite alteration bands	D60133	295.64	296.06	0.42	0.353	AGAT_FAICP		
			D60134	296.06	297	0.94	0.645	AGAT_FAICP		
			D60135	297	297.75	0.75	0.332	AGAT_FAICP		
			D60136	297.75	298.15	0.4	0.308	AGAT_FAICP		
			D60137	298.15	298.69	0.54	0.221	AGAT_FAICP		
298.69	**301.22**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (Bl, AM)** fine to medium-grained grey and green diorite with a gorundmass defined by amphibole and biotite needles aligned parallel to foliation; quartz and plagioclase phenocrysts with some feldspars opaque and white due to breakdown to clay minerals; trace sericitic alteration haloes on crosscutting hairline quartz-carbonate stringers; thin potassic alteration envelope on localized quartz pods; gradational lower contact with FGS and well-defined upper contact with GBFG	D60139	298.69	300	1.31	0.061	AGAT_FAICP		
			D60140	300	301.22	1.22	0.046	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
301.22	**302.00**	**(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** moderately foliated coarse-grained quartz-feldspar-biotite FGS with intermittent conformable quartzofeldspathic melt bands near contact with lower and stronger heat signature evidenced by melt percentage; low temperature reheating has fractionated some quartz and feldspar into defiend bands between biotite-enriched sections; minor disseminated Py	D60141	301.22	302	0.78	0.7	AGAT_FAICP		
302.00	**304.33**	**(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** interesting melt relationship with a very sharp lower contact and gradational banded incorporation of roof material at upper contact; suggests elongated bands of FGS wallrock were heated and dropped down into the melt below along the foliation plane of weakness resulting in bandlike appearance of remnant FGS wallrock in coarse to pegmatitic fractionated quartzofeldspathic melt below; pink and grey zoned coarse to pegmatitic quartz-feldspar material separated by thin bands and fragments of quartz-feldspar-biotite	D60142	302	303.5	1.5	0.068	AGAT_FAICP		
			D60143	303.5	304.33	0.83	0.136	AGAT_FAICP		
304.33	**306.19**	**(FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** fine-grained grey to dark grey quartz-feldspar-biotite unit with gradational variation in biotite percentage; patchy zones with occasional quartz eyes and zones of biotite enrichment with pyrite kickup; minor disseminated Py and intermittent quartzofeldspathic melt bands consisting of altered quartz and feldspar with interstitial bitoite bands; melt bands are conformable and undeformed	D60144	304.33	305.7	1.37	0.308	AGAT_FAICP		
			D60145	305.7	306.19	0.49	0.127	AGAT_FAICP		
306.19	**306.50**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse to very coarse-grained grey and pink quartz vein with intermittent patches oif milky pink feldspar; sharp deformed contacts and minor disseminated pyrites	D60147	306.19	306.5	0.31	0.053	AGAT_FAICP		
306.50	**307.89**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** quartz-feldspar-biotite banded unit defined by white spekcled leucosomatic partial melt and abundant disseminated almandine garnet porphyroblasts; intermittent interactive melt bands	D60148	306.5	306.93	0.43	0.578	AGAT_FAICP		
			D60149	306.93	307.4	0.47	0.619	AGAT_FAICP		
			D60150	307.4	307.89	0.49	0.807	AGAT_FAICP		
307.89	**308.55**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine-grained green intermediate amphibolite gneiss; strongly banded with sharp lower and gradational upper contact; white leucosome formation near lower contact suggests partial melting	D60151	307.89	308.55	0.66	0.865	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
308.55	**313.48**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** fine to medium-grained mid to light grey quartz-feldspar-biotite unit with intermittent crosscutting quartz-carbonate stringers boasting sericitic and potassic alteration envelopes; localized thin amphibole-rich bands and one to four cm quartzofeldspathic melt bands	D60153	308.55	310	1.45	0.852	AGAT_FAICP		
			D60154	310	311.5	1.5	0.762	AGAT_FAICP		
			D60155	311.5	313	1.5	0.971	AGAT_FAICP		
			D60156	313	313.48	0.48	0.578	AGAT_FAICP		
313.48	**314.38**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained black massive lamprophyre dyke with knife-sharp sericitized and chloritized contacts as well as separate pulses distinguishable; carbonate-phenocrystic aphanitic groundmass	D60157	313.48	314.38	0.9	0.061	AGAT_FAICP		
314.38	**320.35**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** grey and black GBFG to be described at a later time	D60159	314.38	315.4	1.02	0.745	AGAT_FAICP		
			D60160	315.4	316.03	0.63	2.01	AGAT_FAICP		
			D60161	316.03	317.25	1.22	0.523	AGAT_FAICP		
			D60162	317.25	317.68	0.43	1.1	AGAT_FAICP		
			D60163	317.68	319	1.32	0.771	AGAT_FAICP		
			D60164	319	320.35	1.35	2	AGAT_FAICP		
320.35	**332.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** fine to medium-grained dark grey quartz-feldspar-biotite unit with intermittent intermediate amphibolite bands five to fifteen cm apparent width and crosscutting quartz-carbonate veinlets with sericitic alteration haloes	D60165	320.35	321	0.65	3.08	AGAT_FAICP		
			D60167	321	322.5	1.5	1.21	AGAT_FAICP		
			D60168	322.5	324	1.5	0.857	AGAT_FAICP		
			D60169	324	325.5	1.5	0.816	AGAT_FAICP		
			D60170	325.5	327	1.5	0.939	AGAT_FAICP		
			D60171	327	328.5	1.5	1.01	AGAT_FAICP		
			D60173	328.5	330	1.5	0.62	AGAT_FAICP		
			D60174	330	331.5	1.5	0.847	AGAT_FAICP		
			D60175	331.5	332.54	1.04	1.01	AGAT_FAICP		
332.54	**333.48**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained banded itnermediate amphibolite characterized by alternating dark greenish grey and pale green bands; quartz-feldspar and amphibole-biotite composition; sharp lower contact and gradational upper contact	D60176	332.54	333.48	0.94	0.887	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
333.48	**336.32**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained dark grey siliceous quartz-feldspar-biotite unit with trace foliation; localized hairline fractures with potassic and sericitic envelope; sharp unaltered upper and lower contacts	D60177	333.48	334	0.52	0.127	AGAT_FAICP		
			D60179	334	335.5	1.5	0.186	AGAT_FAICP		
			D60180	335.5	336.32	0.82	0.128	AGAT_FAICP		
336.32	**340.36**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with minor disseminated Py and localized pink pegmatitic melt with sharp contacts	D60181	336.32	337	0.68	0.237	AGAT_FAICP		
			D60182	337	338	1	0.364	AGAT_FAICP		
			D60183	338	339	1	0.553	AGAT_FAICP		
			D60184	339	340.36	1.36	0.228	AGAT_FAICP		
340.36	**342.14**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained FGS with a low abundance of amphibole in groundmass; equigranular with crosscutting sets of hairline quartz-carbonate veinlets boasting sericitic alteration envelopes; moderate potassic alteration in selvages at lower contact; upper contact is not true angle since it is at a pegmatitic melt intersection	D60185	340.36	341	0.64	0.176	AGAT_FAICP		
			D60187	341	342.14	1.14	0.115	AGAT_FAICP		
342.14	**342.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** dark green coarse-grained intermediate amphibolite defined by quartzofeldspathic melt dissecting unit; small swarm of hairline quartz-carbonate veinlets cutting across unit with trace sericitic alteration haloes; altered upper contact so no alpha angle	D60188	342.14	342.65	0.51	0.217	AGAT_FAICP		
342.65	**343.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey fine-grained amphibole-bearing FGS with trace foliation; quartz-carbonate fracture infill with extensive sericite alteration halo	D60189	342.65	343.3	0.65	0.135	AGAT_FAICP		
343.30	**344.63**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** dark green coarse to very coarse-grained intermediate amphibolite with sporadic narrow quartz-carbonate veinlets	D60190	343.3	344.63	1.33	0.133	AGAT_FAICP		
344.63	**357.98**	**(DIO) Diorite, (DIOUNO) Diorite to granodiorite unit** medium to coarse-grained grey and green diorite with a groundmass containing amphibole and biotite; intermittent quartzofeldspathic melt bands sometimes exhibiting pegmatitic	D60191	344.63	346	1.37	0.261	AGAT_FAICP		
			D60193	346	347.5	1.5	0.391	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		texture; grain size and composition nears granodioritic appearance in some sections; sporadic amphibolite bands less than twenty cm in apparent width noticeable; abundant quartz phenocrysts throughout entire unit	D60194	347.5	349	1.5	0.293	AGAT_FAICP		
			D60195	349	350.5	1.5	0.03	AGAT_FAICP		
			D60196	350.5	352	1.5	0.026	AGAT_FAICP		
			D60197	352	353.5	1.5	0.037	AGAT_FAICP		
			D60199	353.5	355	1.5	0.023	AGAT_FAICP		
			D60200	355	356.5	1.5	0.015	AGAT_FAICP		
			D60201	356.5	357.98	1.48	0.013	AGAT_FAICP		
357.98	**358.85**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** pink and grey coarse to very coarse-grained quartzofeldspathic melt band composed of equigranular quartz and pink feldspar; gradual incorporative contacts	D60202	357.98	358.85	0.87	0.017	AGAT_FAICP		
358.85	**360.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey FGS composed of equigranular quartz-fedlsapr-biotite-amphibole; increasing amphibole abundance with proximity to gradational lower contact; small localized massive quartz veinlets and crosscutting quartz-carbonate vein with intense sericitic alteration envelope	D60203	358.85	360	1.15	0.068	AGAT_FAICP		
			D60204	360	360.52	0.52	0.378	AGAT_FAICP		
360.52	**362.23**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** patchy and heavily altered green amphibolite with relict cpx clusters and patchy sericitic alteration; gradational upper contact and sharp lower contact	D60205	360.52	361.78	1.26	0.193	AGAT_FAICP		
			D60207	361.78	362.23	0.45	0.042	AGAT_FAICP		
362.23	**362.69**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained grey siliceous FGS with strong patches of sericitic alteration around fractures	D60208	362.23	362.69	0.46	0.075	AGAT_FAICP		
362.69	**363.69**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** fine to coarse-grained green and brownish-purple footwall amphibolite defined by strongly banded amphibolite separated by pale green aphanitic patches and tapered lenses of relict reaction-rimmed clinopyroxene	D60209	362.69	363.69	1	0.067	AGAT_FAICP		
363.69	**364.98**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey weakly foliated FGS with strong sericitic alteration of crosscutting quartz-carbonate veinlets	D60210	363.69	364.98	1.29	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
364.98	**369.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	D60211	364.98	366	1.02	0.04	AGAT_FAICP		
		medium to coarse-grained banded footwall amphibolite with patchy to bespeckled leucosomatic partial melting and strong fracturing with quartz-carbonate infill and strong sericitic alteration; wormy networks of hairline quartz-carbonate infilled microfractures with some showing cm-scale displacement; angular frgaments and patches of relict reaction-rimmed clinopyroxene; EOH at 369 m depth	D60213	366	367.5	1.5	0.104	AGAT_FAICP		
			D60214	367.5	369	1.5	0.019	AGAT_FAICP		EOH at 369 metres depth

Newmont

Geological Description with Assays

Hole ID : **BL19-01077**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	214.722	Easting :	331104.5344	Logged By :	Colt.Meyer
Dip :	-60.687	Northing :	5303587.329	Logged By 2 :	
Length :	366	Elevation :	436.9795	Log Start :	16-Mar-2019
Drill Start :	14-Mar-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	21-Mar-2019
Drill Completed :	17-Mar-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

stronger ore zone than in 01076 with silica flooded GBFG as well as a small upper and lower MAM unit with; localized sulphide kickup but no visible gold noticed; several diorites and amphibolites complicate zone; some spot sampling between 123 and 211 followed by compelte sampling from 211 m to EOH. Missing core photos from 43m-85m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**2.80**	**(OB) Overburden, ( )**								
no recovery from 0 to 2.7 metres depth; cobbles of potassic altered FGS and AMPG from 2.7 to 2.8 m										
2.80	**13.31**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
coarse-grained green and grey amphibole-porphyroclastic amphibolite with trace patches of potassic alteration										
13.31	**15.00**	**(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 lacking defined foliation with only trace sericitic alteration on a hairline quartz-carbonate veinlet; lower contact at 18 degrees with AMPG										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
15.00	**26.38**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green and grey amphibole-porphyroclastic amphibolite gneiss with increased quartz-carbonate infilled fracturing near lower contact in proximity to fault zone; patchy potassic alteration near lower contact								
26.38	**28.09**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained and intensely fractured pink and grey FGS; quartz-feldspar-biotite unit with extensive potassic staining and chlorite-infilled network of hairline fractures; unit borders top of swamp fault								
28.09	**28.70**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** pink and green coarse-grained amphibole-porphyroclastic unit broken down by intense faulting; majority of unit is fault zone mud and sand but small fragments are intact and have strong potassic alteration								
28.70	**29.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** pink and grey quartz-feldspar-biotite unit with abundant dark grey quartz eyes and intense potassic alteration; fault zone still strong and most core is ground up or displaced; mineral abundance not possible to determine								
29.00	**33.56**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** green and grey coarse-grained amphibole-porphyroclastic intermediate amphibolite with occasional hairline carbonate veinlets and pervasive pink potassic alteration near upper faulted contact								
33.56	**44.49**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey quartzofeldspathic unit with intense pinkish red potassic alteration throughout; alteration largely focused around hairline quartz-carbonate fractures and unit also contains varying proportions of small dark grey quartz eyes; bow white quartz pod at 38.2 metres depth								
44.49	**45.74**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		coarse-grained green amphibole-porphyroclastic unit with pervasive pink potassic alteration of groundmass; localized quartz-carbonate veinlets and strong potassic alteration masking angle of lower contact								
45.74	**53.41**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained quartz-feldspar-biotite unit defined by intense reddish-pink potassic alteration and varying abundance of coarse dark grey quartz eyes; intermittent light grey quartz veins and multiple generations of crosscutting carbonate veins; potassic alteration overprints entire groundmass and increases in strength towards lower contactfrom 51.3 metres down where entire interval is red opaque potassic alteration; cloudy strong sericite alteration zone at lower contact with DIA								
53.41	**55.91**	**(DIA) Diabase Dike, ( )** very fine to fine-grained massive black diabase dyke with intense carbonate stockwork down to 53.78 metres depth; intermittent crosscutting carbonate veinlets throughout unit after pervasive stockwork; from 55 to 55.91 metres depth strong potassic-sericitic alteration and resorbed dyke fragments suggest a possible contact with the FGS unit but this is not possible to confirm through the guise of potassic staining; thus the contact has been extended to the end of this alteration zone								
55.91	**57.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained light red quartz-feldspar-biotite unit entirely overprinted by intense red potassic alteration; small intervals where unit composition can be identified through the potassing staining are limited; small quartz-carbonate veinlets throughout and lower contact defined by 42 cm wide mat of sericitic and potassic alteration with algal texture of cloudy silty alteration								
57.83	**58.41**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite band with sharp lower contact marked by red potassic staining; upper contact is narrow swarm of carbonate veinlets marked by sericitic alteration envelope; strong potassic alteration on quartz-carbonate veinlets within unit								
58.41	**64.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey quartzofeldspathic FGS characterized by varying abundances of grey quartz eyes and strong red potassic alteration								
64.90	**65.32**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		medium to coarse-grained massive dark grey and black lamprophyre dyke with sharp sericitized contacts and abundant carbonate phenocrysts								
65.32	**100.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey and pink quartzofeldspathic unit with marked decrease in strength of potassic alteration noted in previous intervals; abundant dark grey quartz eyes throughout; crosscutting quartz-carbonate stringer with strong potassic and bright red hematitic alteration haloes; weak to moderate sericitic alteration also noted on some stringers								
100.18	**101.97**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with sharp contacts and intermittetn small bands of FGS less than 30 cm wide								
101.97	**102.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** very fine to fine-grained grey FGS with no defined foliation; intermittent intermediate amphibolite bands cut across the unit with no visible alteration at contacts; moderate potassic alteration envelope on crosscutting hairline quartz-carbonate veinlet								
102.70	**106.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green and grey intermediate amphibolite; relatively unaltered except for trace sericitic alteration around hairline quartz-carbonate veinlets								
106.00	**109.87**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey and green quartzofeldspathic unit with both amphibole and biotite present; dioritic fabric due to abundant quartz grains that stand out from darker groundmass; thin potassic halo on hairline quartz-carbonate veinlet and localized discontinuous quartz vein with pyrite inside								
109.87	**110.74**	**(AMP, QV) Amphibolite, Quartz Vein, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with massive light grey quart vein bisecting it; vein contacts show interaction with amphibolite wallrock; patchy strong pink potassic alteration near lower contact								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
110.74	**113.74**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey quartzofeldspathic unit with a dioritic fabric due to abundant quartz grains that stand out from darker surrounding biotite; relatively unaltered less one hairline quartz-carbonate veinlet with a trace sericitic alteration envelope								
113.74	**114.43**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with weak foliation and an altered quartz-feldspar vein that has incorporated sections of wallrock; disseminated pyrite throughout unit								
114.43	**123.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey quartzofeldspathic unit with dioritic fabric from abundant grey coarse grains that stand out from matrix; dioritic fabric increases and decreases with parallel in grain size change sometime appearing like granodiorite due to the equigranular composition; weak patches of potassic alteration and sericitic alteration haloes on hairline quartz-carbonate veinlets; lower sectio near contact is medium-grained and silicified with no apparent dioritic texture	D60215	123	123.52	0.52	0.017	AGAT_FAICP		
123.52	**124.32**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite defined by alternating light and dark green bands; amphibole-rich and strongly silicified with minor disseminated Py	D60216	123.52	124	0.48	0.052	AGAT_FAICP		
			D60217	124	124.32	0.32	0.072	AGAT_FAICP		
124.32	**125.48**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** silicified quartzofeldspathic unit of fine-grained silicified quartzose material and medium-grained intermittent amphibole-biotite-feldspar bands; sections of less silicified equigranular medium-grained quartz-feldspar-biotite also apparent	D60219	124.32	125	0.68	0.097	AGAT_FAICP		
			D60220	125	125.48	0.48	0.061	AGAT_FAICP		
125.48	**127.56**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite defined by alternating light and dark green bands; amphibole-rich and strongly silicified with minor disseminated Py; weak foliation defined by elongated aligned amphibole crystals	D60221	125.48	126	0.52	0.088	AGAT_FAICP		
			D60222	126	126.37	0.37	0.034	AGAT_FAICP		
127.56	**131.21**	**(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 fine-grained dark grey silicified FGS with small section of vuggy amphibole weathering near lower contact with AMPG; unit almost entirely quartz replaced; minor disseminated Py and weak sericitic alteration haloes on hairline quartz-carbonate veinlets								
131.21	**133.21**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibole felsic gneiss with intermittent weak sericite alteration haloes on hairline quartz-carbonate veinlets								
133.21	**135.62**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** weakly foliated fine to medium-grained quartz-feldspar-biotite unti with weak sericitic alteration haloes on crosscutting hairline quartz-carbonate veinlets; lower contact marked by deformed coarse to very coarse-grained quartz-feldspar vein								
135.62	**136.60**	**(DIO) Diorite, (DIOUNO) Diorite to granodiorite unit** coarse-grained dioritic to granodioritic unit defined by equigranular quartz-feldspar-biotite and coarse quartz phenocrysts; weak to moderate potassic and sericitic alteration haloes on quartz-carbonate veinlets; seaweed-green lamprophyre dykelet from 136.09 to 136.16 metres depth								
136.60	**138.58**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained and weakly foliated to massive quartz-feldspar-biotite unit with intermittent quartzofeldspathic melt bands; moderate potassic and sericitic envelope on thin quartz/carbonate veinlets								
138.58	**138.93**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** coarse to very coarse-grained massive light grey quartz vein melt with patchy milky pink feldspars and minor interstitial biotite in places; deformed and undulating sharp contacts with surrounding units	D60223	138.58	138.93	0.35	0.01	AGAT_FAICP		
138.93	**140.07**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained moderately foliated quartz-feldspar-biotite unit sharing unconformable lower contact with QV; weak sericitic alteration halo on crosscutting quartz-carbonate veinlet and intermittent massive grey quartz melt bands								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
140.07	**140.40**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** coarse-grained bow white quartz vein with unconformable deformed sharp contacts; homogeneous melt band with no other entrapped mineral phases	D60224	140.07	140.4	0.33	0.003	AGAT_FAICP		
140.40	**149.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** mid to dark grey quartz-feldspar-biotite unit with localized intermediate amphibolite bands less than 30 cm apparent width and grain size variation between fine medium and coarse throughout unit; weak sericitic and potassic alteration haloes on thin quartz-carbonate veinlets								
149.23	**150.18**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine-grained grey and black massive carbonate-phenocrystic lamprophyre dyke with knife-sharp chilled contacts; no visible alteration on contacts although this is in line with the minimal alteration seen in proximal units								
150.18	**150.78**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained grey and green intermediate amphibolite with weak foliation and minimal alteration; minor disseminated Py								
150.78	**151.17**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained dark grey siliceous FGS with weak foliation and low biotite content; intermittent small ovular lenses of amphibole-rich material								
151.17	**151.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** green equigranular massive intermediate amphibolite with compositional banding characterized by sharp contact between medium-grained and coarse-grained band within unit; sharp contacts with surrounding units								
151.65	**158.88**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to coarse-grained metasediment consisting of alternating quartz-feldspar and biotite bands; localized set of two quartz-carbonate veinlets with moderate potassic and sericitic alteration envelope; foliation more noticeable as grain size increases; one small intermediate amphibolite band just before 157 metres depth								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
158.88	**159.46**	**(AMP, GBFG) Amphibolite, Garnet Biotite Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** massive intermediate green amphibolite that grades into increased grain size and feldspar breakdown to clays; unit appears to be transition from amphibolite to GBFG based on biotite abundance and texture but could simply be a result of the increased grain size or greater alteration near lower contact; lower contact marked by twelve cm apparent width boudinaged quartz vein								
159.46	**175.97**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** light to dark grey quartzofeldspathic metasediment with varying biotite abundance along with both fine and coarse-grained sections; intermittent crosscutting quartz-carbonate stringers with weak to strong potassic and sericitic alteration envelopes; zones of cloudy mottled silicification and occasional dark green coarse-grained amphibolite bands; sporadic areas with very low abundance of fine almandine garnet porphyroblasts; unit also contains intermittent massive quartz veins with some containing chrysoberyl								
175.97	**177.46**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green intermediate amphibolite with apparent strain and boudinaged smoky grey quartz pods; sigmoidal quartz clasts and occasional small smoky grey veinlets; elevated presence of pyrite compared to previous units	D60225 D60227	176.22 176.53	176.53 177.46	0.31 0.93	0.085 0.136	AGAT_FAICP AGAT_FAICP		
177.46	**185.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained FGS with varying proportions of amphibole and biotite; intermittent amphibolite bands and crosscutting quartz-carbonate stringers with potassic and sericitic alteration haloes								
185.18	**186.19**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite with increased abundance of disseminated to banded sulphides								
186.19	**187.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained quartz-feldspar-biotite unit with early signs of reheating evidenced by blotchy silicification and patchy quartzofeldspathic melt; one crosscutting quartz-carbonate veinlet with moderate potassic and weak sericitic alteration haloes; sharp contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
187.10	**188.89**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** altered unit composed of reheated and partly silicified amphibole and FGS bands; sericitic and potassic alteration bands and haloes throughout unit								
188.89	**192.31**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained heavily altered grey quartzofeldspathic rock with pink potassic alteration and associated sericite alteration on network of hairline quartz-carbonate stringers; zones of watery grey silicification in lower half of unit and quartzofeldspathic melt bands throughout								
192.31	**213.01**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained equigranular quartz-feldspar unit with equal proportions of biotite and amphibole; dull pinkish patches of potassic alteration throughout and long quartz-carbonate stringers that run along core at low angles; quartz-carbonate stringers have moderate to strong sericitic and potassic alteration envelopes; intermittent grey quartz veinlets and quartzofeldspathic melt patches	D60228	211.86	213.01	1.15	0.019	AGAT_FAICP		
213.01	**217.02**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey FGS absent of amphibole seen in previous unit; weakly to moderately foliated quartz-feldspar-biotite with intermittent sericitic and potassic alteration envelopes on crosscutting quartz-carbonate veinlets	D60229	213.01	214	0.99	0.026	AGAT_FAICP		
			D60230	214	215	1	0.016	AGAT_FAICP		
			D60231	215	216	1	0.01	AGAT_FAICP		
			D60233	216	217.02	1.02	0.025	AGAT_FAICP		
217.02	**217.63**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained altered intermediate amphibolite consisting of alternating green amphibole-rich and pink potassic alteration bands; sharp contacts and small FGS band within unit	D60234	217.02	217.63	0.61	0.008	AGAT_FAICP		
217.63	**224.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained quartz-feldspar-biotite unit with moderate to strong foliation and banding defined by aligned biotite grains; intermittent massive quartz and quartz-feldspar melt bands with generally conformable contacts and patchy potassic alteration; quartz-carbonate veinlets with weak sericitic and potassic alteration haloes	D60235	217.63	218.58	0.95	0.02	AGAT_FAICP		
			D60236	218.58	219.48	0.9	0.074	AGAT_FAICP		
			D60237	219.48	220.51	1.03	0.077	AGAT_FAICP		
			D60239	220.51	220.82	0.31	0.016	AGAT_FAICP		
			D60240	220.82	221.45	0.63	0.251	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60241	221.45	222	0.55	0.166	AGAT_FAICP		
			D60242	222	223	1	0.036	AGAT_FAICP		
			D60243	223	224	1	0.044	AGAT_FAICP		
			D60244	224	224.7	0.7	0.076	AGAT_FAICP		
224.70	**230.09**	**(FGG) Felsic Gneiss Granitic, ( )**	D60245	224.7	225.33	0.63	0.128	AGAT_FAICP		
coarse-grained pink and grey banded quartzofeldspathic unit with visible muscovite content differentiating it from previous units; zones of very coarse muscovite grains along with sections of silicification and strong potassic alteration; intermittent quartz and quartz-feldspar veins			D60247	225.33	226	0.67	0.092	AGAT_FAICP		
			D60248	226	227	1	0.045	AGAT_FAICP		
			D60249	227	228	1	0.281	AGAT_FAICP		
			D60250	228	229	1	0.058	AGAT_FAICP		
			D60251	229	230.09	1.09	0.155	AGAT_FAICP		
230.09	**232.91**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	D60253	230.09	231	0.91	0.327	AGAT_FAICP		
coarse-grained grey quartz-feldspar-biotite unit with patchy disseminated muscovite grains; although the muscovite abundance is below 5 percent it is rich compared to other FGS intervals where none is present; moderate to strong foliation and minor disseminated biotite; unit ends in nineteen cm apparent width massive quartz vein with sharp contacts; patchy weak to moderate potassic alteration			D60254	231	232	1	0.15	AGAT_FAICP		
			D60255	232	232.91	0.91	0.131	AGAT_FAICP		
232.91	**234.64**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60256	232.91	234	1.09	0.108	AGAT_FAICP		
coarse-grained grey quartz-feldspar-biotite unit with moderately silicified sections and intermittent quartz veins			D60257	234	234.64	0.64	0.1	AGAT_FAICP		
234.64	**235.16**	**(GBFG, AMP) Garnet Biotite Felsic Gneiss, Amphibolite, ( )**	D60259	234.64	235.16	0.52	0.612	AGAT_FAICP		
coarse-grained grey and black banded GBFG defined by alternating quartz-feldspar and biotite bands; intermittent bands of green intermediate amphibolite between GBFG bands; sharp contacts										
235.16	**241.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60260	235.16	236	0.84	0.065	AGAT_FAICP		
coarse-grained grey banded quartz-feldspar-biotite unit with strong silicification; intermittent massive grey quartz veins with sharp conformable contacts			D60261	236	237	1	0.2	AGAT_FAICP		
			D60262	237	237.53	0.53	0.052	AGAT_FAICP		
			D60263	237.53	238.13	0.6	0.093	AGAT_FAICP		
			D60264	238.13	239	0.87	0.14	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60265	239	240	1	0.081	AGAT_FAICP		
			D60267	240	241	1	0.142	AGAT_FAICP		
			D60268	241	241.75	0.75	0.025	AGAT_FAICP		
241.75	**249.46**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite defined by alternating dark grey and green bands; sharp contacts and disseminated to banded pyrite-pyrrhotite mineralization; intensely sericitized crosscutting quartz-carbonate veinlets	D60269	241.75	242.53	0.78	0.465	AGAT_FAICP		
			D60270	242.53	243	0.47	0.762	AGAT_FAICP		
			D60271	243	243.98	0.98	0.527	AGAT_FAICP		
			D60273	243.98	245	1.02	0.271	AGAT_FAICP		
			D60274	245	245.36	0.36	0.234	AGAT_FAICP		
			D60275	245.36	246.5	1.14	0.328	AGAT_FAICP		
			D60276	246.5	247.43	0.93	0.246	AGAT_FAICP		
			D60277	247.43	248	0.57	0.631	AGAT_FAICP		
			D60279	248	249	1	0.612	AGAT_FAICP		
			D60280	249	249.46	0.46	0.584	AGAT_FAICP		
249.46	**249.84**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained dark grey siliceous FGS with weak to moderate banding defined by quartz-feldspar and biotite layers; massive grey quartz vein with pyrhhotite and pyrite mineralization; sharp contacts	D60281	249.46	249.84	0.38	0.163	AGAT_FAICP		
249.84	**250.71**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite defined by alternating green and dark grey bands; narrow bands of pyrite-pyrrhotite mineralization and sharp contacts; sericitic alteration band	D60282	249.84	250.71	0.87	0.325	AGAT_FAICP		
250.71	**256.01**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained quartz-feldspar-biotite unit with heating evidenced by siliceous banding and numerous folded quartz melt bands throughout unit; grain coarsening commonly associated with heating in similar units; two or three small amphibolite bands near lower contact with you guessed it amphibolite	D60283	250.71	251.04	0.33	0.044	AGAT_FAICP		
			D60284	251.04	251.5	0.46	0.081	AGAT_FAICP		
			D60285	251.5	252.5	1	0.07	AGAT_FAICP		
			D60287	252.5	253	0.5	0.058	AGAT_FAICP		
			D60288	253	253.3	0.3	0.066	AGAT_FAICP		
			D60289	253.3	254.22	0.92	0.063	AGAT_FAICP		
			D60290	254.22	254.7	0.48	0.192	AGAT_FAICP		
			D60291	254.7	255.37	0.67	0.052	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60293	255.37	255.7	0.33	0.031	AGAT_FAICP		
			D60294	255.7	256.01	0.31	0.133	AGAT_FAICP		
256.01	**257.60**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** intercalated medium to coarse-grained green intermediate amphibolite and fine-grained FGS	D60295	256.01	256.67	0.66	0.722	AGAT_FAICP		
			D60296	256.67	257.6	0.93	0.622	AGAT_FAICP		
257.60	**259.74**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained silcieous quartz-felddspar-biotite unit with weak banding as a reheating texture and intermittent massive quartz and pegmatitic quartzofeldspathic melt bands; sporadic crosscutting quartz-carbonate veinlets with weak sericitic alteration haloes; minor disseminated Py	D60297	257.6	258.6	1	0.066	AGAT_FAICP		
			D60299	258.6	259	0.4	0.076	AGAT_FAICP		
			D60300	259	259.74	0.74	0.086	AGAT_FAICP		
259.74	**260.33**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** very coarse-grained dark grey massive quartz vein defined by jigsaw texture between light and dark grey quartz grains as well as crustiform texture at upper contact due to mingling and interaction with wallrock; upper contact crust transitions from medium to coarse-grained equigranular quartz-feldspar-biotite melt to very coarse quartz flakes to massive dark grey quartz jigsaw pattern	D60301	259.74	260.33	0.59	0.036	AGAT_FAICP		
260.33	**269.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained banded green intermediate amphibolite with intermittent sulphide-bearing massive quartz veins and sharp contacts; massive grey quartz vein with interstitial amphibolite selvages containing abundant pyrrhotite from 261.14 to 261.37 metres depth; grey massive quartz vein from 257.98 to 258.06 metres depth	D60302	260.33	261.14	0.81	0.431	AGAT_FAICP		
			D60303	261.14	261.48	0.34	0.252	AGAT_FAICP		
			D60304	261.48	262	0.52	0.415	AGAT_FAICP		
			D60305	262	263	1	0.371	AGAT_FAICP		
			D60307	263	264	1	0.395	AGAT_FAICP		
			D60308	264	265.5	1.5	0.746	AGAT_FAICP		
			D60309	265.5	267	1.5	0.304	AGAT_FAICP		
			D60310	267	267.78	0.78	0.259	AGAT_FAICP		
			D60311	267.78	268.22	0.44	0.138	AGAT_FAICP		
			D60313	268.22	269	0.78	0.133	AGAT_FAICP		
269.00	**269.63**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained green and grey quartz-feldspar groundmass with disseminated amphibole and biotite in equal proportions; defined by sparse quartz eyes demonstrating a slight dioritic fabric; sharp unaltered contacts; minor diseeminated Py	D60314	269	269.63	0.63	0.158	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
269.63	**274.44**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with strong alteration and abundant Py-Po mineralization in bands and disseminated; patches of abundant almandine garnet porphyroblasts; massive disconformable quartz and crustiform quartz-feldspar veins occur intermittent;y containing pyrite and pyrrhotite; patchy reddish potassic alteration in places	D60315	269.63	270	0.37	0.262	AGAT_FAICP		
			D60316	270	271	1	0.114	AGAT_FAICP		
			D60317	271	271.38	0.38	0.303	AGAT_FAICP		
			D60319	271.38	272	0.62	0.355	AGAT_FAICP		
			D60320	272	272.43	0.43	0.565	AGAT_FAICP		
			D60321	272.43	272.84	0.41	0.515	AGAT_FAICP		
			D60322	272.84	273.14	0.3	0.226	AGAT_FAICP		
			D60323	273.14	274	0.86	0.242	AGAT_FAICP		
			D60324	274	274.44	0.44	0.613	AGAT_FAICP		
274.44	**274.82**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey pegmatitic quartzofeldspathic melt composed of anhedral interlocking grains and remnant thin sericitized bands of GBFG; sharp contacts	D60325	274.44	274.82	0.38	0.081	AGAT_FAICP		
274.82	**276.09**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** medium-grained dark grey smokey quartz flooding in discontinuous lenses amd veinlets surrounded by GBFG; strongly-banded unit of alternating quartz-feldspar and biotite-pyrite bands; sharp contacts	D60327	274.82	275.14	0.32	1.43	AGAT_FAICP		
			D60328	275.14	275.46	0.32	1.91	AGAT_FAICP		
			D60329	275.46	276.09	0.63	1.47	AGAT_FAICP		
276.09	**276.48**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** deformed and undulating light grey quartz flooding zone containing patches of GBFG and amphibolite wallrock as well as small section of medium-grained specular feldspar	D60330	276.09	276.48	0.39	0.499	AGAT_FAICP		
276.48	**276.82**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained grey and black weakly-banded quartz-feldspar-biotite-pyrite unit with sharp contacts; no quartz veining or flooding in this interval	D60331	276.48	276.82	0.34	0.921	AGAT_FAICP		
276.82	**278.26**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained and weakly foliated quartz-feldspar-biotite unit with intermittent quartzofeldspathic melt bands and quartz melt patches; sharp conformable upper contact and sharp undulating lower contact	D60333	276.82	277.33	0.51	0.477	AGAT_FAICP		
			D60334	277.33	277.9	0.57	0.094	AGAT_FAICP		
			D60335	277.9	278.26	0.36	0.307	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
278.26	**279.02**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** very coarse-grained pegmatitic cloudy quartzofeldspathic melt with sharp undulating contacts; incoroporated bands and fragments of remnant FGS and GBFG material floating in vein	D60336	278.26	278.7	0.44	0.109	AGAT_FAICP		
			D60337	278.7	279.02	0.32	0.735	AGAT_FAICP		
279.02	**279.36**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained moderately-foliated quartz-feldspar-biotite unit with sharp contacts; narrow quartzofeldspathic melt band in middle of unit	D60339	279.02	279.36	0.34	0.116	AGAT_FAICP		
279.36	**279.87**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** fine to medium-grained quartz-feldspar-biotite-amphibole groundmass with coarse plagioclase and quartz phenocrysts; banding emphasized by 3 to 5 mm wide potassic alteration bands; patchy sericite alteration associated with potassic bands	D60340	279.36	279.87	0.51	0.063	AGAT_FAICP		
279.87	**280.17**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** coarse-grained deformed and disconformable undulating massive grey quartz vein	D60341	279.87	280.17	0.3	0.046	AGAT_FAICP		
280.17	**282.10**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** medium to coarse-grained heavily altered diorite defined by a mix of fine quartz phenocrysts along with patches of plagioclase phenocrysts and some small red altered feldspar phenocrysts; quartz-feldspar-biotite-amphibole groundmass in equigranular fashion with patchy sericitic and potassic alteration throughout	D60342	280.17	280.6	0.43	0.034	AGAT_FAICP		
			D60343	280.6	281	0.4	0.351	AGAT_FAICP		
			D60344	281	281.3	0.3	0.97	AGAT_FAICP		
			D60345	281.3	281.66	0.36	0.709	AGAT_FAICP		
			D60347	281.66	282.1	0.44	1.14	AGAT_FAICP		
282.10	**282.42**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** very fine to fine-grained massive pale green amphibolite with patchy sericitized contacts; altered unit with wispy pyrite bands	D60348	282.1	282.42	0.32	1.43	AGAT_FAICP		
282.42	**283.47**	**(FGS, GBFG) Felsic Gneiss Sedimentary, Garnet Biotite Felsic Gneiss, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained grey weakly foliated FGS with an interval of garnet-bearing GBFG from 283.29 to 283.47 metres depth; small medium-grained amphibolite band from 283.05 to 283.14 metres depth	D60349	282.42	282.91	0.49	0.745	AGAT_FAICP		
			D60350	282.91	283.47	0.56	2.21	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
283.47	**286.56**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained grey and black almandine garnet-porphyroblastic banded unit with intermittent undulating quartz flooding zones and veins; boudinage exhibited in some veins	D60351	283.47	283.96	0.49	0.409	AGAT_FAICP		
			D60353	283.96	284.32	0.36	0.943	AGAT_FAICP		
			D60354	284.32	284.7	0.38	7.69	AGAT_FAICP		
			D60355	284.7	285	0.3	1.52	AGAT_FAICP		
			D60356	285	285.37	0.37	1.16	AGAT_FAICP		
			D60357	285.37	285.7	0.33	1.04	AGAT_FAICP		
			D60359	285.7	286.2	0.5	0.916	AGAT_FAICP		
			D60360	286.2	286.56	0.36	3.01	AGAT_FAICP		
286.56	**286.86**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained mid grey modertaely to strongly foliated quartz-feldspar-biotite unit with abundant quartz phenocrysts and sharp contacts	D60361	286.56	286.86	0.3	0.33	AGAT_FAICP		
286.86	**290.38**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** almandine garnet-porphyroblastic grey and black quartz-feldspar and biotite banded unit; intermittent boudinaged and or undulating deformed quartz and quartz-feldspar veins; some veins carry patches and bands of wallrock while some are quartz-feldspar melt or dark grey quartz flooding; GBFG unit contains both high strain coarse-grained intervals with coarse to very coarse biotite lathes and veining as well as fine to medium-grained banded quartz-feldspar-biotite equigranular sections with much lower strain and no veining but garnet present between bands	D60362	286.86	287.36	0.5	0.613	AGAT_FAICP		
			D60363	287.36	288	0.64	0.654	AGAT_FAICP		
			D60364	288	288.4	0.4	0.817	AGAT_FAICP		
			D60365	288.4	288.7	0.3	1.02	AGAT_FAICP		
			D60367	288.7	289	0.3	0.708	AGAT_FAICP		
			D60368	289	289.55	0.55	0.643	AGAT_FAICP		
			D60369	289.55	290.38	0.83	3.44	AGAT_FAICP		
290.38	**293.25**	**(MAM) Mottled Amphibolite, ( )** fine to medium-grained green and brown unit of alternating strongly banded amphibole and scapolite; patchy sulphide mineralization and strong to intense sericitic-potassic alteration zone near lower contact	D60370	290.38	290.7	0.32	2.62	AGAT_FAICP		
			D60371	290.7	291.15	0.45	2.69	AGAT_FAICP		
			D60373	291.15	291.67	0.52	1.25	AGAT_FAICP		
			D60374	291.67	292.15	0.48	2.86	AGAT_FAICP		
			D60375	292.15	292.6	0.45	3.33	AGAT_FAICP		
			D60376	292.6	292.9	0.3	2.94	AGAT_FAICP		
			D60377	292.9	293.25	0.35	2.2	AGAT_FAICP		
293.25	**297.48**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained grey and black almandine garnet-porphyroblastic banded unit with	D60379	293.25	293.76	0.51	1.56	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		intermittent quartz-feldspar melt bands; potassic and sericitic alteration haloes on crosscutting quartz-carbonate veinlets; sharp contacts and minimal quartz flooding compared to other GBFG intervals	D60380	293.76	294.16	0.4	1.09	AGAT_FAICP		
			D60381	294.16	294.72	0.56	0.905	AGAT_FAICP		
			D60382	294.72	295.26	0.54	2.12	AGAT_FAICP		
			D60383	295.26	295.77	0.51	1.26	AGAT_FAICP		
			D60384	295.77	296.26	0.49	1.17	AGAT_FAICP		
			D60385	296.26	297	0.74	0.971	AGAT_FAICP		
			D60387	297	297.48	0.48	1.29	AGAT_FAICP		
297.48	**302.87**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)**	D60388	297.48	298	0.52	0.529	AGAT_FAICP		
		medium-grained plagioclase and quartz porphyritic diorite with a groundmass defined by aligned eloingated amphibole and biotite grains; sharp contacts and localized quartz vug infill; quartz boudins with strong dilation and tight boudin necks trending generally east west listed in point structures tab	D60389	298	299	1	0.406	AGAT_FAICP		
			D60390	299	300	1	0.028	AGAT_FAICP		
			D60391	300	300.3	0.3	0.112	AGAT_FAICP		
			D60393	300.3	301	0.7	0.009	AGAT_FAICP		
			D60394	301	301.79	0.79	0.02	AGAT_FAICP		
			D60395	301.79	302.11	0.32	0.004	AGAT_FAICP		
			D60396	302.11	302.87	0.76	0.056	AGAT_FAICP		
302.87	**305.40**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, ( )**	D60397	302.87	304	1.13	0.268	AGAT_FAICP		
		extensive coarse to very coarse-grained quartzofeldspathic melt segmented by wavy incorporated FGS and GBFG wallrock bands; conformable layering along stratigraphy with minimal deformation; low temperature and pressure movement with no destruction of grain structure; less coarse sections of intercalated FGS and quartz-feldspar bands along with very coarse pegmatitic secitons of greenish altered quartz and pink feldspar with sporadic floating biotite clusters	D60399	304	304.7	0.7	0.305	AGAT_FAICP		
			D60400	304.7	305.4	0.7	0.244	AGAT_FAICP		
305.40	**306.12**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZV) Quartz Vein Undifferentiated**	D60401	305.4	305.76	0.36	0.607	AGAT_FAICP		
		deformed section of melt with strong variations in foliation from 85 degrees to as low as 35 degrees; strongly deformed dark grey quartz flooding as well as pegmatitic quartz-feldspar sections and less coarse FGS pink and grey melting near lower contact; patchy fragments and bands of coarse to very coarse GBFG between melts	D60402	305.76	306.12	0.36	0.255	AGAT_FAICP		
306.12	**309.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60403	306.12	306.79	0.67	0.779	AGAT_FAICP		
		medium to coarse-grained quartz-feldspar groundmass with variable proportions of biotite and amphibole; moderately to strongly foliated with gradational lower contact and deformed sharp upper contact	D60404	306.79	307.4	0.61	0.213	AGAT_FAICP		
			D60405	307.4	307.77	0.37	0.174	AGAT_FAICP		
			D60407	307.77	308.25	0.48	0.335	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60408	308.25	308.86	0.61	0.564	AGAT_FAICP		
			D60409	308.86	309.4	0.54	0.396	AGAT_FAICP		
309.40	**310.34**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine-grained green intermediate amphibolite with massive quartz tension veins; weakly banded with disseminated Po and Py	D60410	309.4	309.7	0.3	0.43	AGAT_FAICP		
			D60411	309.7	310	0.3	0.201	AGAT_FAICP		
			D60413	310	310.34	0.34	0.34	AGAT_FAICP		
310.34	**311.02**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** coarse-grained cloudy light grey massive quartz vein with very coarse patchy pyrhhotite	D60414	310.34	311.02	0.68	0.136	AGAT_FAICP		
311.02	**311.39**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and grey banded and foliated intermediate amphibolite with sharp contacts and alternating grey to green bands	D60415	311.02	311.39	0.37	0.957	AGAT_FAICP		
311.39	**311.84**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** weakly to moderately banded and foliated quartz-feldspar-biotite unit; sharp contacts and relatively unaltered	D60416	311.39	311.84	0.45	0.483	AGAT_FAICP		
311.84	**312.28**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** coarse-grained massive light grey quartz vein with patchy pyrite-pyrrhotite near upper contact and fragments to bands of incorporated wallrock	D60417	311.84	312.28	0.44	0.247	AGAT_FAICP		
312.28	**316.37**	**(FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** medium to coarse-grained mid to dark grey strongly foliated FGS defined by alternating quartz-feldspar and biotite bands; occasional low abundance of almandine garnet porphyroblasts; sericitic alteration haloes on quartz-carbonate veinlets; amphibolite bands between 314 and 315 m depth	D60419	312.28	313	0.72	0.709	AGAT_FAICP		
			D60420	313	314	1	1.06	AGAT_FAICP		
			D60421	314	315	1	0.792	AGAT_FAICP		
			D60422	315	315.3	0.3	0.245	AGAT_FAICP		
			D60423	315.3	315.69	0.39	1.1	AGAT_FAICP		
			D60424	315.69	316.37	0.68	0.75	AGAT_FAICP		
316.37	**319.85**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	D60425	316.37	317	0.63	1.39	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 grey and black banded unit of quartz-feldspar and biotite-pyrite layers; sporadic almandine garnet porphyroblasts in low abundance and small quartz-feldspar melt bands with sharp contacts; dark grey silica flooding largely absent but low abundance of localized boudinaged quartz veins present; unit is less strained and flooded than ore zone garnet biotite units	D60427	317	317.7	0.7	2.06	AGAT_FAICP	
			D60428	317.7	318.3	0.6	1.11	AGAT_FAICP	
			D60429	318.3	318.6	0.3	0.819	AGAT_FAICP	
			D60430	318.6	319.3	0.7	2.03	AGAT_FAICP	
			D60431	319.3	319.85	0.55	1.17	AGAT_FAICP	
319.85	**324.98**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60433	319.85	320.52	0.67	0.514	AGAT_FAICP	
		grey medium to coarse-grained unit of alternating quartz-feldspar and biotite bands; minor disseminated Py; moderate to strong potassic and weak sericitic alteration envelopes on quartz-carbonate veinlets; gradational lower contact with amphibolite	D60434	320.52	321	0.48	0.669	AGAT_FAICP	
			D60435	321	322	1	1.2	AGAT_FAICP	
			D60436	322	323	1	0.767	AGAT_FAICP	
			D60437	323	323.38	0.38	0.675	AGAT_FAICP	
			D60439	323.38	324	0.62	0.625	AGAT_FAICP	
			D60440	324	324.98	0.98	1.77	AGAT_FAICP	
324.98	**326.42**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D60441	324.98	325.47	0.49	0.428	AGAT_FAICP	
		green and grey intermediate amphibolite with sections of coarse amphibole crystals and sections with fine-grained amphibole-rich matrix; heavily altered greyish opaque quartzofeldspathic vein with incorporated frgaments of amhpibolite from 325.07 to 325.36 metres depth not broken out as separate unit; no angle on upper or lower contacts due to gradational and diffuse nature	D60442	325.47	325.83	0.36	0.319	AGAT_FAICP	
			D60443	325.83	326.42	0.59	1.33	AGAT_FAICP	
326.42	**327.00**	**(QFP) Quartz Feldspar Porphyry, ( )**	D60444	326.42	327	0.58	0.91	AGAT_FAICP	
		coarse-grained grey quartzofeldspathic groundmass with minor amphibole and coarse to very coarse quartz phenocrysts with a variety of subrounded and subangular shapes; deformed and undulating contact difficult to discern orientiation on							
327.00	**328.18**	**(MAM) Mottled Amphibolite, ( )**	D60445	327	327.3	0.3	0.646	AGAT_FAICP	
		green and beigish-purple strongly banded mottled amphibolite melt with localized quartz patches although no orientation possible; amphibole-rich and scapolite-rich bands along with intermediate amphibolite sections near upper and lower contact; lower contact gradational over 20 cm with underlying FGS	D60447	327.3	327.6	0.3	0.933	AGAT_FAICP	
			D60448	327.6	328.18	0.58	2.2	AGAT_FAICP	
328.18	**359.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60449	328.18	329	0.82	0.441	AGAT_FAICP	
		dark grey fine to coarse-grained quartz-feldspar unit with abundant quartz phenocrysts and minor plagioclase phenocrysts that vary in intensity and presence; moderate to strong	D60450	329	329.53	0.53	0.323	AGAT_FAICP	
			D60451	329.53	331	1.47	0.366	AGAT_FAICP	

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
potassic and sericitic alteration haloes on crosscutting quartz-carbonate veinlets; intermittent quartzofeldspathic conformable melt bands delineated in veining tab; fluctuating proportions of biotite and amphibole as outlined below; unit is FGS biotite with little to no amphibole or dioritic fabric from 328.18 to 338 metres depth; unit is FGS biotite with dioritic fabric from 338 to 345.6 metres depth; dioritic fabric intensifies and amphibole in equal or greater amounts than biotite becomes present as well as amphibole porphyroclasts from 345.6 to 348.5 metres depth; diorite fabric weakens slightly and amphibole presence drops off from 348.5 to 359.05 metres depth		D60453	331	332.5	1.5	0.843	AGAT_FAICP		
			D60454	332.5	333.4	0.9	0.368	AGAT_FAICP		
			D60455	333.4	334	0.6	0.418	AGAT_FAICP		
			D60456	334	335.28	1.28	0.507	AGAT_FAICP		
			D60457	335.28	336	0.72	0.199	AGAT_FAICP		
			D60459	336	337.5	1.5	0.435	AGAT_FAICP		
			D60460	337.5	339	1.5	0.139	AGAT_FAICP		
			D60461	339	340.5	1.5	0.056	AGAT_FAICP		
			D60462	340.5	342	1.5	0.021	AGAT_FAICP		
			D60463	342	343.5	1.5	0.012	AGAT_FAICP		
			D60464	343.5	345	1.5	0.034	AGAT_FAICP		
			D60465	345	346.5	1.5	0.017	AGAT_FAICP		
			D60467	346.5	348	1.5	0.009	AGAT_FAICP		
			D60468	348	349.5	1.5	0.032	AGAT_FAICP		
			D60469	349.5	351	1.5	0.017	AGAT_FAICP		
			D60470	351	352.5	1.5	0.012	AGAT_FAICP		
			D60471	352.5	354	1.5	0.014	AGAT_FAICP		
			D60473	354	355	1	0.01	AGAT_FAICP		
			D60474	355	355.51	0.51	0.011	AGAT_FAICP		
			D60475	355.51	357	1.49	0.01	AGAT_FAICP		
			D60476	357	358	1	0.018	AGAT_FAICP		
			D60477	358	359.05	1.05	0.025	AGAT_FAICP		
359.05	**363.23**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	D60479	359.05	360	0.95	0.148	AGAT_FAICP		
medium to coarse-grained mottled bands and patches of reaction-rimmed clinopyroxene clusters and amphibole; sharp contacts and small quartz patches with minor sulphides			D60480	360	361.32	1.32	0.46	AGAT_FAICP		
			D60481	361.32	362.5	1.18	0.382	AGAT_FAICP		
			D60482	362.5	363.23	0.73	0.226	AGAT_FAICP		
363.23	**364.34**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D60483	363.23	364.34	1.11	0.011	AGAT_FAICP		
medium to coarse-grained quartz-feldspar-biotite unit defined by abundant quartz phenocrysts; sharp contacts and weak sericitic alteration envelopes on quartz-carbonate veinlets										
364.34	**366.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	D60484	364.34	365	0.66	0.01	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 mottled bands and patches of reaction-rimmed clinopyroxene clusters and amphibole; sharp contacts and small quartz patches with minor sulphides; EOH at 366 metres depth	D60485	365	366	1	0.007	AGAT_FAICP		EOH at 366 m depth

Hole ID : **BL19-01078**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	17.512	Easting :	333137.28	Logged By :	Brad.Clarke
Dip :	-64.888	Northing :	5302583.65	Logged By 2 :	
Length :	906	Elevation :	435.239	Log Start :	27-Mar-2019
Drill Start :	19-Mar-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	8-Apr-2019
Drill Completed :	7-Apr-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Due to site conditions; moved ~10m south of proposed location. Typical footwall lithologies are observed at beginning of the hole but quickly the drill intersects a very thick (from ~175m to ~520m) weakly foliated medium to coarse grained DioAm unit (often referrred to as a porph FGS) which is intruded frequently by LAMP dykes. DioAm unit logged as FGS in adjcent holes and shares similar descriptions. Below 700m S1 is at a low angle to core axis. QV at 800m has several small visible gold fakes throughout the vein. EOH=906m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**9.20**	**(OB) Overburden, ( )**								
9.20	**20.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated FGS. Quartz eyes throughout. Minor pyrite. Uneven contact.								
20.20	**24.37**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with amphibole and coarse grained quartz/feldspar. Weakly to moderately foliated. K/HM alteration associated with veins and fractures.								
24.37	**26.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with quartz eyes. Weakly to moderately foliated. Gouge near								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
upper contact within broken core; healed fractures near gouge and near lower contact. Common K/HM alteration associated with veins and fractures.										
26.00	**30.16**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse Grained FGS with diorite texture. Weakly to moderately foliated. Minor amphibole. Fractures as well as breccia and gouge.								
30.16	**32.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with amphibole. Diorite texture								
32.70	**33.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with quartz eyes. Weakly to moderately foliated.								
33.40	**34.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained amphibolite intermediate. Moderately well to well foliated.								
34.10	**34.46**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with quartz eyes. Weakly to moderately foliated.								
34.46	**36.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained amphibolite intermediate. Moderately well to well foliated.								
36.00	**44.57**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with quartz eyes. Massive to weakly foliated. Narrow breccia at upper contact. MELT texture 39.85-544.57.								
44.57	**45.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained FGS with diorite texture. Massive to weakly foliated.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
45.50	**46.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained FGS with quartz eyes. Massive to weakly foliated. Narrow breccia at upper contact. Weakly developed MELT texture. Altered by lamprophyre below.										
46.60	**50.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Green Lamprophyre dyke. Phenocrysts are dominantly mafic.										
50.10	**55.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to coarse grained FGS with diorite texture. Weakly to moderately foliated. K/HM Alteration associated with veinlets and healed fractures. Minor amphibole throughout is occasionally concentrated in bands.										
55.60	**56.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
PEG with PY. Rare healed fractures.										
56.30	**81.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained FGS with coarse grained quartz eyes. Common K/HM alteration associated with veinlets and fractures. AMP looks like F2 fold 63-63.35 (no OL). Lamprophyre 69.9-70.04m.										
81.00	**81.60**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Lamprophyre dike dominantly has felsic phenocrysts.										
81.60	**92.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained FGS with coarse grained quartz eyes. Common K/HM alteration associated with veinlets and fractures.										
92.60	**93.15**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z38711	92.6	93.15	0.55	0.039	AGAT_FAICP		
Red and pink/grey coarse to very coarse PEG with medium to coarse biotite sparely observed between the grain boundaries. No sulfides observed. Non magnetic. Sharp contacts.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
93.15	**106.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weak to moderately foliated grey FGS with QE present in varying amounts throughout the unit. Pink and K alteration observed locally as halos around small white randomly orientated veinlets. Trace Py.								
106.65	**107.15**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately to strongly foliated black and grey GBFG. Fine to medium garents observed within the foliated matrix throughout. Amp present as well within the biotite qtz plag matrix. Minor diss Py observed. Sharp contacts.	Z38713	106.65	107.15	0.5	0.059	AGAT_FAICP		
107.15	**113.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weak to moderately foliated grey FGS with QE present in varying amounts throughout the unit. Pink and K alteration observed locally as halos around small white randomly orientated veinlets. Trace Py. Portion of the unit is red in colour where several small and medium veinlets are observed.								
113.00	**115.92**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Medium grained moderately foliated bio and Amp rich diorite unit. Sharp low angle contacts with the surrounding FGS. Amp and bio present within matrix. Plag porphs. Trace Py.								
115.92	**123.62**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weak to moderately foliated grey FGS with QE present in varying amounts throughout the unit. Pink and K alteration observed locally as halos around small white randomly orientated veinlets and fractures. Trace Py.								
123.62	**123.94**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained pink red and grey PEG vein with minor amounts of biotite.								
123.94	**132.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weak to moderately foliated grey FGS with weak QE texture present locally. Pink and K alteration observed locally as halos around small white randomly orientated veinlets. Trace Py. Section containing significant brecciation and fracturing likely to be a fault which is slightly healed in some places. Few white carb veinlets are observed to have sericite alteration halos. Sharp gradational contacts with the lower unit.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
132.80	**133.48**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z38714	132.8	133.48	0.68	0.135	AGAT_FAICP		
Foliated Augen textured? banded qtz flooded FGS. Not enough to be a QV. Not enough feldspar to be PEG. Banding and Amp and biotite present similar to surrounding FGS but the matrix is mainly fine qtz. Biotite rich bands associated with increased Py content. Minor diss Py. Fluid interaction or melt feature?										
133.48	**134.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained weak to moderately foliated grey FGS with weak to moderate QE texture. Trace diss py. Non magnetic. Several small veinlets near paralell to foliation with small weak K alteration halos. Sharp upper and lower contact.										
134.85	**135.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Fine grained green and dark grey xeinolith rich LAMP with sharp low angle contacts. Non magnetic. No sulfides.										
135.00	**139.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained weak to moderately foliated grey FGS with weak to moderate QE texture observed locally. Trace diss py. Non magnetic. Sharp upper and lower contact. Irregular patches of Amp rich sections observed randomly throughout.										
139.85	**141.07**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Fine grained dark grey magnetic LAMP with fine to coarse xeinoliths throughout. Contacts have light green altered sharp contacts. No sulfides.										
141.07	**141.43**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Coarse to very coarse grained pink and grey PEG vein with medium grained biotite between larger qtz and feldspar crystals. Sharp contacts. Non magnetic. Trace Py observed.										
141.43	**141.96**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained moderately foliated grey FGS between two PEG veins. FGS contains trace Py and minor biotite throughout.										
141.96	**142.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Coarse to very coarse grained pink and grey PEG vein with medium grained biotite between										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

larger qtz and feldspar crystals. Sharp contacts. Non magnetic. Trace Py observed.

142.50 153.23 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained moderately foliated FGS with QE texture observed locally. Texture and grain size varies gradually throughout the section. Trace to minor diss Py. Medium grained Amp observed within the matrix locally. Several white veinlets with weak K alteration halos.

153.23 157.18 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermediate AMP with local F2 folding observed. Py and Po observed as diss crystals and fine crystal aggregates. Py to Po ratio 3:1. Locally strongly magnetic and pervasively weakly to moderately magnetic. Epidote and CPX observed.

157.18 157.70 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained dark grey LAMP with medium grained xeinoliths along contacts. Upper contact is sharp and linear while the lower contact it low angle and undulating. Magnetic throughout. No sulfides.

157.70 163.06 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated green and grey intermediate AMP. Minor diss Py and Po. F2 folding observed folding the foliations. Sharp lower contact. Compositional banding observed parallel to foliation.

163.06 176.74 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated FGS with moderate to strong QE texture. Trace diss Py. Several fractures with slight brecciation observed at 171m. Many small veinlets with weak K alteration halos. Sharp upper contact. Non magnetic.

176.74 193.00 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic.

193.00 193.50 (UMD) UM\LAMP 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 grey LAMP with numerous small xeinoliths and several very large fragments of the host rock (FGS) along the contacts. Non magnetic. No sulfides.										
193.50	**193.87**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic.										
193.87	**195.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Dark grey black fine grained magnetic LAMP with numerous white carbonate spots. Numerous small to medium xeinoliths along contacts. No sulfides.										
195.00	**196.46**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic.										
196.46	**198.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Green and dark grey fine grained magnetic LAMP with numerous xeinoliths within and along contacts. Severl small white veinlets. No sulfides observed.										
198.30	**208.20**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Small PEG at 206m and small LAMP at 206.7m.										
208.20	**208.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Fine grained dark grey magnetic LAMP with large angular xeinoliths within.										
208.65	**213.40**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Few very small LAMP veins.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

213.40 213.75 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained dark grey lower angle LAMP with numerous xeinoliths along contacts. Magnetic. No sulfides.

213.75 214.70 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic.

214.70 218.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained dark grey magnetic LAMP with abundant xeinoliths throughout. A small section of FGS observed within which may be a large xeinolith. No sulfides. Numerous small white carb veinlets.

218.80 219.70 (DIO, UMD) Diorite, UM\LAMP Dike, (DIOAM) Diorite with amphibole

DIoAM with a small section of LAMP that dips into the core and is part of the low angle LAMP unit above.

219.70 221.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained dark grey magnetic LAMP with abundant small xeinoliths. Spots of carbonate observed. No sulfides.

221.50 227.27 (DIO, UMD) Diorite, UM\LAMP Dike, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Few small parallel LAMP veins.

227.27 229.10 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained dark grey magnetic LAMP with abundant xeinoliths. No sulfides. Low angle.

229.10 230.30 (DIO) Diorite, (DIOAM) Diorite with amphibole

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Equiganular. Non magnetic. Small LAMP dyke at the top parallel to upper LAMP unit.								
230.30	**232.74**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained biotite rich AMP. 70% bio. Trace diss py. Several small white qtz-carb veinlets. Irregulard upper contact (folded?).								
232.74	**234.70**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
		Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Equiganular. Non magnetic.								
234.70	**236.50**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**								
		Fine to medium grained biotite rich AMP. 70% bio. Trace diss py. Several small white qtz-carb veinlets.								
236.50	**299.00**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
		Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Several small qtz veins and patches observed locally with minor Py.								
299.00	**300.00**	**(UMD, DIO) UM\LAMP Dike, Diorite, (LAMPD) UMD - Lamprophyre Dyke**								
		Fractured DioAm with LAMP within fractures and as an irregular dyke containing xeinoliths of foreign clasts and larger angular DioAm clasts. Some fractures either have HEM or K spar filling.								
300.00	**301.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Dark grey fine to medium grained magnetic LAMP with abundant xeinoliths. Angular clasts of the surrounding DioAm. Red HEM or K spar alteration observed locally. Carbonate veinlets observed throughout.								
301.30	**337.00**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
		Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Several small qtz veins and patches observed locally with minor Py.

337.00 337.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained dark grey magnetic LAMP with abundant xeinoliths. No sulfides.

337.30 339.80 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Equiganular. Non magnetic.

339.80 340.32 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained dark grey magnetic LAMP with abundant xeinoliths. No sulfides.

340.32 346.03 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Equiganular. Non magnetic.

346.03 346.64 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained dark grey magnetic LAMP with abundant xeinoliths. No sulfides.

346.64 347.90 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Equiganular. Non magnetic

347.90 348.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Magnetic LAMP wit xeinoliths. Maybe folded but more likely just irregular in form.

348.30 353.15 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Several small veinlets with very weak alteration halos. Equiganular. Non magnetic.

353.15 355.15 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Magnetic LAMP with xeinoliths.

355.15 357.18 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Irregular patch of coarse grain biotite Amp and feldspars along the lower contact. Non magnetic

357.18 357.75 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Magnetic LAMP wit xeinoliths.

357.75 366.78 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Few small LAMP dykes within unit parallel to contacts of adjcent LAMP units.

366.78 370.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Magnetic LAMP with xeinoliths.

370.00 483.92 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly foliated DioAm. Trace diss anhedral and euhedral Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Few small QVs observed. Several small gradational variations are observed in grain size; Amp rich patch abundance and size; strain intensity; and vein abundance but no contacts are observed and the composition and texture remains consitent throughout the unit. Slight increase in strain near the lower part of the unit.

483.92 484.94 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

A dark greenish grey magnetic fine grained LAMP dyke with xeinoliths. Several places places show brecciation with dye and along upper contact. The majority of the dyke is broken and crumbled as result of a possible fault gauge.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

484.94 508.25 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained moderately foliated DioAm. Trace diss Py. Numerous Amp rich patches and spots/aggregates. Granodioritic in composition and texture. Several small veinlets with very weak alteration halos. Equiganular. Non magnetic. Strain intensity varies but is much more developed than DioAm observed above.

508.25 510.18 (UMD) UM\LAMP Dike, ( )

Fine grained green ultamafic dyke (LAMP?) with numerous fractures and qtz-carbveinlets. Throughout the dyke brecciation is observed forming angular clasts within black and dark red filled fractures. Non magnetic unlike all previous LAMP dykes. Contacts are sharp and slightly oblique to S1. No sulfides observed.

510.18 514.67 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained weakly to moderately foliated DioAm. Trace diss Py. Numerous Amp rich patches and porphs. Non magnetic. Grain size variation and local compositional banding observed. More strain observed than the more massive DioAm unit intersected above.

514.67 519.85 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS with sharp upper and lower contacts parallel to folition. Several randomly foliated white veinslets with weak alteration halos. Trace diss Py. One small QF vein within unit.

519.85 520.77 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained moderately foliated DioAm. Trace diss Py. Numerous Amp rich patches and porphs. Non magnetic. Sharp upper contact and gradual compositional banded lower contact.

520.77 522.60 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated pinkish grey FGS. Compositional banding at the upper contact is observed as it gradually becomes a more typical fine to medium grained non-porphyritic FGS. Fine diss trace Py. Short gradational lower contact.

522.60 525.20 (DIO) Diorite, (DIOAM) Diorite with amphibole

Medium to coarse grained moderately foliated DioAm. Trace diss Py. Numerous Amp rich patches and porphs. Non magnetic. Grain size variation and local compositional banding observed. Short gradational upper and lower contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
525.20	**525.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Short unit with short gradual contacts. Trace diss Py.								
525.60	**531.30**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Medium to coarse grained moderately foliated DioAm. Trace diss Py. Numerous Amp rich patches and porphs. Non magnetic. Grain size variation and local compositional banding observed. Short gradational upper and lower contacts.								
531.30	**539.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated pinkish grey FGS with compositional banding and locally coarse Amp porphs. K alterationis pervasive and moderate along thin white veinlets. Gradational lower and upper contact. Trace diss Py. At 534.75m a large 15cm patch of Amp (CPX) is observed. QF vein at 535.5m. Foliation is variable as texture varies. Locally weak Qtz eye texture observed.								
539.36	**540.34**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Short porphyrtic medium grained moderately foliated grey and black DioAm. Short diffuse contacts. Trace diss Py. No alteration.								
540.34	**569.58**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated pinkish grey FGS with gradational compositional banding. Numerous small qtz carb veinlets observed with moderate small alteration halos. QF veining observed at 549 to 549.5m. Trace diss Py. Short gradational contacts. Locally weak Qtz eye texture observed. Minor Musc observed locally.	Z38715	560	560.5	0.5	0.04	AGAT_FAICP		
			Z38716	560.5	561	0.5	0.005	AGAT_FAICP		
			Z38717	561	562	1	0.011	AGAT_FAICP		
			Z38719	562	563	1	0.02	AGAT_FAICP		
			Z38720	563	564	1	0.009	AGAT_FAICP		
			Z38721	564	565	1	0.009	AGAT_FAICP		
			Z38722	565	566	1	0.011	AGAT_FAICP		
			Z38723	566	567	1	0.009	AGAT_FAICP		
			Z38724	567	568	1	0.009	AGAT_FAICP		
			Z38725	568	569	1	0.006	AGAT_FAICP		
			Z38727	569	569.5	0.5	0.014	AGAT_FAICP		
569.58	**569.90**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated**	Z38728	569.5	570	0.5	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Pink and white low angle QF vein. Semi parallel to foliation. Undulating upper and lower contact. No sulfides. Minor Musc.								
569.90	**572.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Medium grained moderately foliated grey FGS with local K alteration observed where veining and veinlets are observed. Musc observed in minor amounts. Trace diss py. Non magnetic. Gradational lower contact with FGG.	Z38729	570	571	1	0.02	AGAT_FAICP		
			Z38730	571	572	1	0.025	AGAT_FAICP		
			Z38731	572	572.75	0.75	0.012	AGAT_FAICP		
572.75	**573.84**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately to strongly foliated light grey FGG with gradational contacts. Medium and coarse muscovite and fine aggregates of wispy silliminite are observed pervasively. Fine trace Py.	Z38733	572.75	573.84	1.09	1.41	AGAT_FAICP		
573.84	**575.81**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately to strongly foliated pink FGG with gradational contacts. Musco and silliminite not observed. Feldspars are almost entirely kspar resulting in the pink colour. White spots thought to be a clay mineral observed in minor amounts throughout this unit. Fine trace Py.	Z38734	573.84	575	1.16	1.83	AGAT_FAICP		
			Z38735	575	575.81	0.81	1.4	AGAT_FAICP		
575.81	**576.60**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately to strongly foliated light grey FGG with gradational contacts. Medium and coarse muscovite and fine aggregates of wispy silliminite are observed pervasively. Few small melt? PEG ? patches observed locally. Fine trace Py.	Z38736	575.81	576.6	0.79	1.52	AGAT_FAICP		
576.60	**576.92**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** Completely altered section of FGG as a result of three Qtz carb veins and their associated alteration halos. Sericite and K alteration banding is observed with red/pink K alteration around the veins and sericite alteration further from the veins. No sulfides non magnetic.	Z38737	576.6	576.92	0.32	0.136	AGAT_FAICP		
576.92	**585.79**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately to strongly foliated light grey FGG with gradational contacts. Medium and coarse muscovite and fine aggregates of wispy silliminite are observed pervasively. Few small melt? PEG ? patches observed locally. Slight grain size variation and gradational compositonal banding observed. Fine trace Py.	Z38739	576.92	578	1.08	0.531	AGAT_FAICP		
			Z38740	578	579	1	0.684	AGAT_FAICP		
			Z38741	579	580	1	0.512	AGAT_FAICP		
			Z38742	580	581	1	0.3	AGAT_FAICP		
			Z38743	581	582	1	0.498	AGAT_FAICP		
			Z38744	582	583	1	0.15	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z38745	583	584	1	0.144	AGAT_FAICP		
			Z38747	584	585	1	0.125	AGAT_FAICP		
			Z38748	585	585.79	0.79	0.113	AGAT_FAICP		
585.79	**589.30**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38749	585.79	587	1.21	0.168	AGAT_FAICP		
Medium to coarse grained moderately to strongly foliated light grey and pink FGG with melt/PEG patches? Medium and coarse muscovite and fine aggregates of wispy silliminite are observed locally where K alteration is minimal. Most of the section is completely altered (pink) especially where the melt/peg patches are observed. Within the altered portions white spots observed thoughout to be a clay mineral. Fine trace Py in unaltered and weakly altered areas.			Z38750	587	588	1	0.504	AGAT_FAICP		
			Z38751	588	589.3	1.3	0.423	AGAT_FAICP		
589.30	**591.45**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38753	589.3	590	0.7	0.423	AGAT_FAICP		
Medium to coarse grained moderately to strongly foliated light grey FGG with gradational contacts. Medium and coarse muscovite and fine aggregates of wispy silliminite are observed pervasively. Fine trace Py.			Z38754	590	591	1	0.159	AGAT_FAICP		
			Z38755	591	591.45	0.45	0.017	AGAT_FAICP		
591.45	**592.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z38756	591.45	592	0.55	0.354	AGAT_FAICP		
Fine to coarse magnetic dark grey LAMP with numerous xeinoliths and calcite spots. Sharp altered contacts. No sulfides.										
592.00	**595.22**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38757	592	593	1	0.361	AGAT_FAICP		
Medium to coarse grained moderately to strongly foliated light grey FGG with sharp LAMP contacts. Medium and coarse muscovite and fine aggregates of wispy silliminite are observed locally. Few small melt? PEG ? patches observed locally. Fine trace Py. Lower contact with a large LAMP dyke has moderate K alteration which decreases gradually away from the contact.			Z38759	593	594	1	0.092	AGAT_FAICP		
			Z38760	594	595.22	1.22	0.111	AGAT_FAICP		
595.22	**596.84**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z38761	595.22	596	0.78	0.031	AGAT_FAICP		
Fine grained magnetic LAMP with large rounded xeinoliths and sharp low angle contacts.			Z38762	596	596.84	0.84	0.002	AGAT_FAICP		
596.84	**599.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z38763	596.84	598	1.16	0.075	AGAT_FAICP		
Fine to medium grained moderately foliated FGS with diss bi within a mainly qtz matrix. Minor musc observed pervasively. Fine trace py. Sharp upper and lower contacts.			Z38764	598	599	1	0.085	AGAT_FAICP		
			Z38765	599	599.7	0.7	0.127	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
599.90	**600.15**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse grained pink and white PEG vein parallel to foliation.	Z38767	599.7	600.3	0.6	0.06	AGAT_FAICP		
600.15	**613.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated FGS with diss bio within a qtz feld matrix. Locally grain size increases gradually. Severl very small veinlets with weak small alteration halos. Weak pink K alteration observed localy. Sharp upper and lower contacts. Trace diss py. Minor musc.	Z38768	600.3	601	0.7	0.07	AGAT_FAICP		
			Z38769	601	602	1	0.107	AGAT_FAICP		
			Z38770	602	603	1	0.046	AGAT_FAICP		
			Z38771	603	604	1	0.023	AGAT_FAICP		
			Z38773	604	605	1	0.016	AGAT_FAICP		
			Z38774	605	606	1	0.019	AGAT_FAICP		
			Z38775	606	607	1	0.043	AGAT_FAICP		
			Z38776	607	608	1	0.033	AGAT_FAICP		
			Z38777	608	609	1	0.042	AGAT_FAICP		
			Z38779	609	610	1	0.029	AGAT_FAICP		
			Z38780	610	611	1	0.026	AGAT_FAICP		
			Z38781	611	612	1	0.035	AGAT_FAICP		
			Z38782	612	613	1	0.028	AGAT_FAICP		
613.00	**614.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained moderately foliated biotite rich dark grey FGS. Diss trace py. May be a Amp rich fine grained dio or a biotite rich amp.	Z38783	613	614	1	0.052	AGAT_FAICP		
			Z38784	614	614.5	0.5	0.014	AGAT_FAICP		
614.50	**615.15**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated pinkish light grey FGS. Minor musc. Fine trace diss py.	Z38785	614.5	615.15	0.65	0.025	AGAT_FAICP		
615.15	**618.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium grained moderately foliated dark grey very biotite rich FGS. Trace diss py. Non-magnetic. Coarse Bio defines foliation. Several very small veinlets with weak alteration halos. One clear QV with minor Py.	Z38787	615.15	616	0.85	0.025	AGAT_FAICP		
			Z38788	616	617	1	0.022	AGAT_FAICP		
			Z38789	617	617.5	0.5	0.003	AGAT_FAICP		
			Z38790	617.5	618	0.5	0.013	AGAT_FAICP		
			Z38791	618	618.5	0.5	0.004	AGAT_FAICP		
618.50	**631.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium grained moderately foliated grey FGS rich in biotite. Biotite content and grain size varies gradually and slightly throughout the section. Locally coarse (fluid melt?) diffuse foliation parallel medium to coarse QF veins are observed. Muscovite observed in minor amounts. Sharp defined upper and lower contacts. Several small veinlets with weak alteration halos are unevenly distributed. Minor diss Py.	Z38793	618.5	619	0.5	0.029	AGAT_FAICP		
			Z38794	619	620	1	0.014	AGAT_FAICP		
			Z38795	620	621	1	0.022	AGAT_FAICP		
			Z38796	621	622	1	0.013	AGAT_FAICP		
			Z38797	622	623	1	0.029	AGAT_FAICP		
			Z38799	623	624	1	0.027	AGAT_FAICP		
			Z38800	624	625	1	0.029	AGAT_FAICP		
			Z38801	625	626	1	0.031	AGAT_FAICP		
			Z38802	626	627	1	0.044	AGAT_FAICP		
			Z38803	627	628	1	0.008	AGAT_FAICP		
			Z38804	628	629	1	0.005	AGAT_FAICP		
			Z38805	629	630	1	0.014	AGAT_FAICP		
			Z38807	630	631	1	0.026	AGAT_FAICP		
631.85	**632.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium grained moderately foliated dark grey very biotite rich FGS. Trace diss py. Non-magnetic. Coarse Bio defines foliation.	Z38809	631.84	632.3	0.46	0.016	AGAT_FAICP		
632.30	**634.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately to strongly foliated grey FGS rich in biotite. Gradational upper contact and sharp lower contact. Trace diss py. Several small veinlets with weak alteration halos.	Z38810	632.3	633	0.7	0.007	AGAT_FAICP		
			Z38811	633	634.2	1.2	0.015	AGAT_FAICP		
634.20	**636.36**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** Medium to coarse grained moderately to strongly foliated grey and black DioP2 with Amp porphs. No sulfides observed. Non magnetic. Moderate to strong alteration halos observed along upper and lower contacts.	Z38813	634.2	635	0.8	0.063	AGAT_FAICP		
			Z38814	635	636.36	1.36	0.007	AGAT_FAICP		
636.36	**638.13**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately to strongly foliated grey FGS with biotite defining foliation. Diffuse lower contact with an altered PEG vein. Trace diss py. Variation in grain size and biotite content is observed.	Z38815	636.36	637	0.64	0.032	AGAT_FAICP		
			Z38816	637	638.09	1.09	0.149	AGAT_FAICP		
638.13	**639.00**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z38817	638.09	639	0.91	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
An irregular PEG section with diffuse and undulating contacts and strong K alteration in the form of Kspar.										
639.00	**639.44**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately to strongly foliated grey FGS with minor compositional banding as biotite varies. Trace diss py.	Z38819	639	639.44	0.44	0.045	AGAT_FAICP		
639.44	**639.78**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained moderately to strongly foliated pink and grey FGG with short gradual upper and lower contacts. Trace diss py.	Z38820	639.44	639.78	0.34	0.031	AGAT_FAICP		
639.78	**641.23**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated grey FGS. Biotite defines foliation. Upper and lower contacts are diffuse but short. Minor diss Py.	Z38821	639.78	640.7	0.92	0.043	AGAT_FAICP		
			Z38822	640.7	641.23	0.53	0.023	AGAT_FAICP		
641.23	**641.48**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Medium to coarse PEG vein with diffuse contacts. Could be a melt patch or vein? Biotite parallel to foliation observed within the vein. Trace diss py.	Z38823	641.23	641.53	0.3	0.048	AGAT_FAICP		
641.48	**643.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to coarse grained moderately FGS with variable amount of biotite within the unit. Variablity is gradational within the unit. Trace diss Py and Po.	Z38824	641.53	642	0.47	0.032	AGAT_FAICP		
			Z38825	642	643	1	0.053	AGAT_FAICP		
			Z38827	643	643.54	0.54	0.106	AGAT_FAICP		
643.54	**643.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained magnetic LAMP with calcite spots and xeinoliths.	Z38828	643.54	643.84	0.3	0.005	AGAT_FAICP		
643.80	**648.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to coarse grained moderately FGS with variable amount of biotite within the unit. Variablity is gradational within the unit. Trace diss Py and Po.	Z38829	643.84	645	1.16	0.016	AGAT_FAICP		
			Z38830	645	646	1	0.018	AGAT_FAICP		
			Z38831	646	647	1	0.026	AGAT_FAICP		
			Z38833	647	648	1	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
648.00	**649.48**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z38834	648	649	1	0.002	AGAT_FAICP		
Fine to medium grained dark grey magnetic LAMP with carb veinlets and spots. Small altered contacts above and below.			Z38835	649	649.48	0.48	0.005	AGAT_FAICP		
649.48	**657.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z38836	649.48	650	0.52	0.037	AGAT_FAICP		
Fine to medium grained strongly to moderately foliated FGS with biotite and AMP porphs. Fine trace diss py. Drill core was redrilled or something around 650m.			Z38837	650	651	1	0.04	AGAT_FAICP		
			Z38839	651	652	1	0.017	AGAT_FAICP		
			Z38840	652	653	1	0.015	AGAT_FAICP		
			Z38841	653	654	1	0.014	AGAT_FAICP		
			Z38842	654	655	1	0.016	AGAT_FAICP		
			Z38843	655	656	1	0.015	AGAT_FAICP		
			Z38844	656	657.1	1.1	0.015	AGAT_FAICP		
657.10	**658.46**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	Z38845	657.1	658.46	1.36	0.016	AGAT_FAICP		
Dio P2 with Amp porphs. The unit is altered pervasively resulting in a pink colour within the grey and black matrix. Upper and lower contacts have weak alteration halos. No sulfides observed. Non magnetic.										
658.46	**664.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z38847	658.46	659	0.54	0.019	AGAT_FAICP		
Fine to medium grained moderately foliated greg FGS with slighlt compositional banding as biotite content varies gradually through the unit. Several large and small PEG and Qtz veins within the unit parallel to foliation. Minor diss py. Gradual upper and lower contacts. At 660m the drill has grinded and broken the core.			Z38848	659	660	1	0.041	AGAT_FAICP		
			Z38849	660	661	1	0.06	AGAT_FAICP		
			Z38850	661	662	1	0.102	AGAT_FAICP		
			Z38851	662	662.5	0.5	0.141	AGAT_FAICP		
			Z38853	662.5	662.8	0.3	0.177	AGAT_FAICP		
			Z38854	662.8	663.1	0.3	0.091	AGAT_FAICP		
			Z38855	663.1	664	0.9	0.065	AGAT_FAICP		
664.00	**666.40**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38856	664	665	1	0.104	AGAT_FAICP		
Medium grained moderately to strongly foliated FGG with muscovite and silliminite. Minor diss Py and Po. Few QF veins within parallel to foliation.			Z38857	665	666	1	0.154	AGAT_FAICP		
			Z38859	666	666.4	0.4	0.081	AGAT_FAICP		
666.40	**667.05**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )**	Z38860	666.4	667.05	0.65	0.075	AGAT_FAICP		
Low angle undulating PEG vein comes in and out of the core making up 50% of the this section. FGG is same as previous unit.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
667.05	**667.67**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained massive pink and grey PEG vein with sharp contacts. Few large biotite crystals observed within the vein. Trace sulfides.	Z38861	667.05	667.67	0.62	0.056	AGAT_FAICP		
667.67	**667.86**	**(FGG) Felsic Gneiss Granitic, ( )** Short medium grained moderately to strongly foliated FGG with musc and sill. Minor Po and Py.	Z38862	667.67	668	0.33	0.1	AGAT_FAICP		
667.86	**668.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Large PEG vein with green pink and grey crystals. Minor Py.	Z38863	668	668.4	0.4	0.126	AGAT_FAICP		
668.40	**669.23**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium grained GBFG with qtz plag and biotite making up the matrix. Small garnets observed locally. Minor diss Py and trace Po observed. Compositional banding observed as biotite content varies.	Z38864	668.4	669.23	0.83	0.353	AGAT_FAICP		
669.23	**669.56**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** A QV with bands of coarse biotite and minor feldspars. Large patches of Po and Py observed within vein.	Z38865	669.23	669.56	0.33	0.514	AGAT_FAICP		
669.56	**670.03**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained moderately to strongly foliated grey and black GBFG with minor fine garnets observed locally. Minor diss Po and Py. Coarse biotite defines foliation.	Z38867	669.56	670.03	0.47	0.388	AGAT_FAICP		
670.03	**671.68**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained moderately to strongly foliated greenish grey FGG. Musc Sill Po and Py pervasive. Locally white spots thought to be clay minerals are observed. One small QV observed.	Z38868 Z38869	670.03 671	671 671.68	0.97 0.68	0.268 0.544	AGAT_FAICP AGAT_FAICP		
671.68	**672.00**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%**	Z38870	671.68	672	0.32	0.226	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz)								
		Coarse massive pink and grey PEG vein. Muscovite Py and Po observed within vein.								
672.00	**672.64**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38871	672	672.64	0.64	0.702	AGAT_FAICP		
		Medium grained moderately to strongly foliated greenish grey FGG. Musc Sill Po and Py pervasive. Sharp upper and lower contacts. One small qtz carb vein observed.								
672.64	**673.42**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z38873	672.64	673.42	0.78	0.176	AGAT_FAICP		
		Coarse to very coarse massive pink and white PEG vein. No sulfides. Minor bio.								
673.42	**673.64**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38874	673.42	673.72	0.3	0.728	AGAT_FAICP		
		Medium grained moderately to strongly foliated greenish grey FGG. Musc Sill Po and Py pervasive.								
673.64	**675.91**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z38875	673.72	674.5	0.78	1.28	AGAT_FAICP		
		Medium to coarse moderately to strongly foliated GBFG with fine garnets observed locally. Po and Py pervasive throughout. Minor compositional banding observed as biotite increases and decreases locally. Muscovite pervasive as well.	Z38876	674.5	675	0.5	0.677	AGAT_FAICP		
			Z38877	675	675.91	0.91	1.11	AGAT_FAICP		
675.91	**682.20**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38879	675.91	677	1.09	1.24	AGAT_FAICP		
		Medium grained moderately to strongly foliated greenish grey FGG. Musc Sill Po and Py pervasive. Locally white spots thought to be clay minerals are observed.	Z38880	677	678	1	0.18	AGAT_FAICP		
			Z38881	678	679	1	0.24	AGAT_FAICP		
			Z38882	679	680	1	1.2	AGAT_FAICP		
			Z38883	680	681	1	0.595	AGAT_FAICP		
			Z38884	681	681.5	0.5	0.577	AGAT_FAICP		
			Z38885	681.5	682.2	0.7	0.812	AGAT_FAICP		
682.20	**682.80**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38887	682.2	682.8	0.6	0.625	AGAT_FAICP		
		Medium to coarse grained moderately to strongly foliated pink FGG. Musc Sill Po and Py pervasive but K alteration overprints much of this section. Locally white spots thought to be clay minerals are observed. Minor sulfides observed.								
682.80	**684.30**	**(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)	Z38888	682.8	683.5	0.7	0.112	AGAT_FAICP		
		Coarse to very coarse massive pink and white PEG vein. Minor coarse biotite observed locally.	Z38889	683.5	684.3	0.8	0.061	AGAT_FAICP		
684.30	**686.52**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38890	684.3	685	0.7	0.256	AGAT_FAICP		
		Medium to coarse moderately to strongly foliated grey FGG. Medium to coarse diss musc and small patches of sill observed pervasively. Minor Py observed pervasively but several locations show increased Py content. Locally Po is observed.	Z38891	685	686	1	0.443	AGAT_FAICP		
			Z38893	686	686.52	0.52	0.275	AGAT_FAICP		
686.52	**686.84**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	Z38894	686.52	686.84	0.32	0.345	AGAT_FAICP		
		Grey QV with very coarse biotite crystals observed along the contacts and minor musc and Py observed also.								
686.84	**694.90**	**(FGG) Felsic Gneiss Granitic, ( )**	Z38895	686.84	688	1.16	0.359	AGAT_FAICP		
		Medium to coarse moderately to strongly foliated grey FGG. Medium to coarse diss musc and bio. Small patches of sill observed pervasively. Minor Py observed pervasively but several locations show increased Py content. Locally Po is observed. A massive 30cm Py vein observed at 689m. Several small PEG and QF veins observed.	Z38896	688	688.8	0.8	0.296	AGAT_FAICP		
			Z38897	688.8	689.18	0.38	0.849	AGAT_FAICP		
			Z38899	689.18	690	0.82	0.381	AGAT_FAICP		
			Z38900	690	690.5	0.5	0.414	AGAT_FAICP		
			Z38901	690.5	691	0.5	3.4	AGAT_FAICP		
			Z38902	691	691.5	0.5	0.719	AGAT_FAICP		
			Z38903	691.5	692.2	0.7	0.611	AGAT_FAICP		
			Z38904	692.2	693	0.8	0.684	AGAT_FAICP		
			Z38905	693	694	1	0.592	AGAT_FAICP		
			Z38907	694	694.9	0.9	0.562	AGAT_FAICP		
694.90	**695.30**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	Z38908	694.9	695.3	0.4	0.269	AGAT_FAICP		
		Grey QV filled with fine to medium Py ~40%.								
695.30	**697.80**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	Z38909	695.3	696	0.7	0.044	AGAT_FAICP		
		Massive white QV with minor biotite and py.	Z38910	696	697	1	0.004	AGAT_FAICP		
			Z38911	697	697.8	0.8	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
697.80	**703.10**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )**	Z38913	697.8	698.48	0.68	0.12	AGAT_FAICP		
medium to coarse grained moderately to strongly foliated GBFG. Trace fine garnets. Minor Py and lesser amounts Po. Several small PEG veins observed along the foliation. Coarse biotite defines foliation.			Z38914	698.48	699	0.52	0.5	AGAT_FAICP		
			Z38915	699	700	1	0.416	AGAT_FAICP		
			Z38916	700	701	1	0.512	AGAT_FAICP		
			Z38917	701	702	1	0.285	AGAT_FAICP		
			Z38919	702	703.1	1.1	0.339	AGAT_FAICP		
703.10	**705.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z38920	703.1	704	0.9	0.183	AGAT_FAICP		
Fine grained magnetic dark grey LAMP with xeinoliths and calcite spots. Low angle contacts.			Z38921	704	705	1	0.003	AGAT_FAICP		
705.00	**711.03**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z38922	705	706	1	0.014	AGAT_FAICP		
Porphyritic QFP with large subhedral qtz porphs. Trace Py.			Z38923	706	707	1	0.044	AGAT_FAICP		
			Z38924	707	708	1	0.264	AGAT_FAICP		
			Z38925	708	709	1	0.289	AGAT_FAICP		
			Z38927	709	710	1	0.447	AGAT_FAICP		
			Z38928	710	711.03	1.03	1.52	AGAT_FAICP		
711.03	**711.50**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z38929	711.03	711.37	0.34	0.335	AGAT_FAICP		
Medium to coarse strongly to moderately foliated grey and black GBFG. Fine to medium grained garnets dispersed unevenly within unit. Minor diss Po and Py. Upper contact is a grey boudinaged QV.										
711.50	**711.76**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z38930	711.37	711.77	0.4	0.2	AGAT_FAICP		
Fine grained dark grey magnetic LAMP.										
711.76	**716.58**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z38931	711.77	712.5	0.73	0.442	AGAT_FAICP		
Medium to coarse strongly to moderately foliated grey and black GBFG. Fine to medium grained garnets dispersed unevenly within unit. Minor diss Po and Py. Several boudinaged and deformed QVs observed. Massive Py and Po observed at 716.2-716.6m. Several Qtz carb veins have strong sericitic alteration halos.			Z38933	712.5	713	0.5	0.426	AGAT_FAICP		
			Z38934	713	714.16	1.16	0.378	AGAT_FAICP		
			Z38935	714.16	715	0.84	0.396	AGAT_FAICP		
			Z38936	715	716	1	0.534	AGAT_FAICP		
			Z38937	716	716.58	0.58	0.565	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
716.58	**717.00**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive white QV with irregular high angle undulating contacts. Massive Py and Po along upper contact.	Z38939	716.58	717	0.42	0.021	AGAT_FAICP		
717.00	**717.90**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse strongly to moderately foliated grey and black GBFG. Fine to medium grained garnets dispersed unevenly within unit. Minor diss Po and Py. Low angle lower contact.	Z38940	717	717.9	0.9	0.392	AGAT_FAICP		
717.90	**721.27**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Foliated fine to medium grained grey DIO with low angle contacts. One irregular deformed QV within the unit.	Z38941	717.9	719	1.1	0.01	AGAT_FAICP		
			Z38942	719	720	1	0.019	AGAT_FAICP		
			Z38943	720	721.27	1.27	0.022	AGAT_FAICP		
721.27	**722.60**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium grained moderately foliated black and grey GBFG. Minor Po and Py pervasively. Little to no garnets observed. Sharp upper and lower contacts.	Z38944	721.27	722	0.73	0.43	AGAT_FAICP		
			Z38945	722	722.6	0.6	0.597	AGAT_FAICP		
722.60	**729.57**	**(DIO, UMD) Diorite, UM\LAMP Dike, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine porphyritic foliated dark grey Dio P1 unit with a LAMP which is parallel to core axis. LAMP undulates within and along the core untill 726m. No sulfides observed.	Z38947	722.6	723	0.4	0.071	AGAT_FAICP		
			Z38948	723	724	1	0.074	AGAT_FAICP		
			Z38949	724	725	1	0.039	AGAT_FAICP		
			Z38950	725	726	1	0.032	AGAT_FAICP		
			Z38951	726	727	1	0.071	AGAT_FAICP		
			Z38953	727	728	1	0.098	AGAT_FAICP		
			Z38954	728	729	1	0.071	AGAT_FAICP		
			Z38955	729	729.57	0.57	0.026	AGAT_FAICP		
729.57	**732.14**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** Medium to coarse grained foliated grey and black GFBG with fine to medium garnets within or along a qtz vein or quartz rich PEG that contains coarse biotite and Amp. Sulfides are pervasive but unevenly distributed. The drill is unfortunately drilling at a low angle to foliation and contacts so where GBFG is observed on the top the underside of the core is most often QV. The QV section has a PEG texture locally.	Z38956	729.57	730	0.43	0.393	AGAT_FAICP		
			Z38957	730	730.5	0.5	4.08	AGAT_FAICP		
			Z38959	730.5	731	0.5	1.8	AGAT_FAICP		
			Z38960	731	731.5	0.5	0.386	AGAT_FAICP		
			Z38961	731.5	732.14	0.64	0.172	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
732.14	**733.75**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Foliated fine to medium grained grey DIO with low angle contacts. Lower contact with LAMP. Low angle sharp upper contact. No sulfides.	Z38962	732.14	733	0.86	0.019	AGAT_FAICP		
			Z38963	733	733.6	0.6	3.49	AGAT_FAICP		
733.75	**733.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive smallmagnetic LAMP dyke.	Z38964	733.6	733.95	0.35	0.304	AGAT_FAICP		
733.95	**736.30**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained moderately foliated GBFG with fine to medium garents. Low sharp contacts. Biotite caries slightly in abundance. Upper contact with LAMP is a small QV. Minor Po and Py pervasively.	Z38965	733.95	734.25	0.3	0.442	AGAT_FAICP		
			Z38967	734.25	735	0.75	0.928	AGAT_FAICP		
			Z38968	735	735.5	0.5	0.622	AGAT_FAICP		
			Z38969	735.5	736.3	0.8	0.535	AGAT_FAICP		
736.30	**747.10**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Foliated fine to medium grained grey DIO with low angle contacts. Lower contact with LAMP. Low angle sharp upper contact. No sulfides.	Z38970	736.3	737	0.7	0.057	AGAT_FAICP		
			Z38971	737	738	1	0.062	AGAT_FAICP		
			Z38973	738	739	1	0.058	AGAT_FAICP		
			Z38974	739	740	1	0.079	AGAT_FAICP		
			Z38975	740	741	1	0.031	AGAT_FAICP		
			Z38976	741	742	1	0.034	AGAT_FAICP		
			Z38977	742	743	1	0.032	AGAT_FAICP		
			Z38979	743	744	1	0.041	AGAT_FAICP		
			Z38980	744	745	1	0.281	AGAT_FAICP		
			Z38981	745	746	1	0.034	AGAT_FAICP		
			Z38982	746	747.1	1.1	0.047	AGAT_FAICP		
747.10	**747.50**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Coarse grained moderately foliated black and grey GBFG. Unit is composed of 50:50 coarse biotite and coarse qtz. No garnets observed. Coarse grained text makes foliation difficult to measure. Upper contact with dio is low angle and long. Lower contact is high angle and sharp. Minor to trace Po and Py.	Z38983	747.1	747.5	0.4	0.036	AGAT_FAICP		
747.50	**748.10**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Massive white Qtz vein containing local very coarse biotite packets and minor Po and Py. Upper contact is sharp and high angle. Lower contact is very low angle and the core	Z38984	747.5	748.1	0.6	0.098	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		gradually becomes GBFG as a folded section of GBFG widens. Lower contact is folded but caotic making measuring anything difficult.								
748.10	**749.82**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Coarse to very coarse grey and black GBFG consisting of coarse to very coarse biotite and qtz with minor garnets. Minor Po and Py pervasively. Upper contact with QV is low angle and folded. Caotic nature of the folding and the low angle makes measurements difficult. Lower contact is low angle with a dio unit. Contact is placed where Dio becomes the majority of the core but the unit continues almost entirely through the dio unit as a very thin sliver on the back side of the core.	Z38985	748.1	748.5	0.4	0.392	AGAT_FAICP		
			Z38987	748.5	749	0.5	0.289	AGAT_FAICP		
			Z38988	749	749.7	0.7	0.296	AGAT_FAICP		
749.82	**751.00**	**(DIO, GBFG) Diorite, Garnet Biotite Felsic Gneiss, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine to medium grained strongly foliated DioP1 unit. Due to the low angle of the upper and lower contacts much of this unit contains a small sliver of GBFG as the core is intersecting the contact. No sulfides observed within the unit. Minor Po and Py observed within the sliver of GBFG.	Z38989	749.7	750.25	0.55	0.099	AGAT_FAICP		
			Z38990	750.25	751	0.75	0.006	AGAT_FAICP		
751.00	**751.44**	**(GBFG, DIO) Garnet Biotite Felsic Gneiss, Diorite, ( )** A short unit where the core intersects the very low angle contact between the upper Dio unit and the lower GBFG unit. The GFBG unit increases down hole to where it becomes completely GBFG. Minor Po and Py observed in the GBFG unit.	Z38991	751	751.44	0.44	0.058	AGAT_FAICP		
751.44	**752.22**	**(DIO, GBFG) Diorite, Garnet Biotite Felsic Gneiss, (DIOP1) Porphyritic diorite with finer grained ground mass** Dio unit with a sliver of GBFG as the drill intersects the contact between the two units resulting in a unit composed of 90% dio and 10% GBFG. Could be a open folded contact or a undulating contact body. Po and Py observed within GBFG portion.	Z38993	751.44	751.81	0.37	0.31	AGAT_FAICP		
			Z38994	751.81	752.22	0.41	0.1	AGAT_FAICP		
752.22	**752.80**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Coarse grained GBFG unit composed entirely Qtz and biotite. Upper contact is lower angle and GBFG doesn't end but becomes just a sliver of upper dio unit. Lower contact sharp and not very shallow. Minor Py and Po observed pervasively.	Z38995	752.22	752.8	0.58	0.115	AGAT_FAICP		
752.80	**753.88**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Massive white QV with minor amounts of coarse biotite and trace sulfides randomly distributed within and minor amounts along contacts.	Z38996	752.8	753.4	0.6	0.097	AGAT_FAICP		
			Z38997	753.4	753.88	0.48	0.019	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
753.88	**754.53**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coare grained moderately foliated GBFG composed entirely of biotite qtz and minor Po and Py. Contacts are irregular and gradual.	Z38999	753.88	754.53	0.65	0.288	AGAT_FAICP		
754.53	**755.40**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, ( )** Massive white QV with trace po and PY and minor coarse diss bio. One small band of biotite dominate GBFG is observed within the first third of the vein. Gradual contacts.	Z39000	754.53	755	0.47	0.107	AGAT_FAICP		
			Z39001	755	755.4	0.4	0.027	AGAT_FAICP		
755.40	**756.30**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Coarse to very voarse GBFG unit composed entirely of qtz and bio with minor Po and Py. Irregular and gradual contacts.	Z39002	755.4	756	0.6	0.393	AGAT_FAICP		
			Z39003	756	756.3	0.3	0.708	AGAT_FAICP		
756.30	**756.83**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Massive white QV with a low angle upper contact and a sharp high angle lower contact with a LAMP dyke. Upper contact is gradual and irregular. Trace Po and Py and minor bio.	Z39004	756.3	756.83	0.53	0.029	AGAT_FAICP		
756.83	**757.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Xeinolith magnetic LAMP dyke.								
757.00	**757.23**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Massive white QV with few local patches of massive Po and Py. Sharp upper contact with LAMP and gradual low angle lower contact with GBFG.	Z39005	756.83	757.23	0.4	0.274	AGAT_FAICP		
757.23	**757.56**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Coarse to very coarse banded GBFG unit composed entirely of qtz and coarse biotite with minor Po and Py.	Z39007	757.23	757.56	0.33	0.383	AGAT_FAICP		
757.56	**760.66**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, ( )** Massive white QV with coarse diss bio and minor to trace diss Po and Py. Few local bands of biotite are within the large vein. Several local patches of massive Po are observed and a lesser amount Py. Lower contact is low angle and sharp. Upper contact is irrgular in form and gradual.	Z39008	757.56	758.06	0.5	0.285	AGAT_FAICP		
			Z39009	758.06	758.5	0.44	0.025	AGAT_FAICP		
			Z39010	758.5	759	0.5	0.073	AGAT_FAICP		
			Z39011	759	759.5	0.5	0.171	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39013	759.5	760	0.5	0.162	AGAT_FAICP		
			Z39014	760	760.66	0.66	0.231	AGAT_FAICP		
760.66	**768.85**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse moderately to strongly foliated grey and black GBFG composed almost enirely of biotite and qtz. Minor Po and Py pervasively. Grain size and sulfide content varies slightly. Sharp lower contact. Very low angle irregular upper contact.	Z39015	760.66	761	0.34	0.28	AGAT_FAICP		
			Z39016	761	761.5	0.5	0.6	AGAT_FAICP		
			Z39017	761.5	762	0.5	0.343	AGAT_FAICP		
			Z39019	762	762.5	0.5	0.432	AGAT_FAICP		
			Z39020	762.5	763	0.5	0.168	AGAT_FAICP		
			Z39021	763	764	1	0.513	AGAT_FAICP		
			Z39022	764	765	1	0.88	AGAT_FAICP		
			Z39023	765	766	1	0.294	AGAT_FAICP		
			Z39024	766	767	1	0.093	AGAT_FAICP		
			Z39025	767	768	1	0.141	AGAT_FAICP		
			Z39027	768	768.85	0.85	0.277	AGAT_FAICP		
768.85	**769.34**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive white QV with few diss coarse biotite within the vein. Few medium massive Po/Py patches observed along contacts. WG comment (20190518): more likely a Qz-rich PEG tension gash; opened at high angle to S1. **This was originally coded as a PEG despite it being described as a QV here and marked as a QV on the core. Updated 16Jan2020.	Z39028	768.85	769.34	0.49	0.101	AGAT_FAICP		
769.34	**770.04**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Coarse grained strongly foliated GBFG with medium to coarse garnets pervasively. First GBFG unit in a while with abundant garnets. Sharp upper and lower contacts with QV. Passive folding along contacts. Minor Py and Po.	Z39029	769.34	770.04	0.7	0.332	AGAT_FAICP		
770.04	**771.17**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)** Massive white QV with local coarse biotite within vein and patches of Po and Py along contacts. Slight pink colour observed within vein. Sharp contacts. WG comment (20190518): more likely a Qz-rich PEG tension gash; opened at high angle to S1.	Z39030	770.04	770.55	0.51	0.042	AGAT_FAICP		
			Z39031	770.55	771.17	0.62	0.042	AGAT_FAICP		
771.17	**773.18**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse strongly foldiated GBFG with slight compositional banding. Medium to coarse garnets throughout. Sharp upper contact. Gradational lower contact. Minor Po and Py.	Z39033	771.17	771.73	0.56	0.39	AGAT_FAICP		
			Z39034	771.73	772.5	0.77	0.126	AGAT_FAICP		
			Z39035	772.5	773.18	0.68	0.075	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
773.18	**774.36**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS. (Adjacent holes show MAM here). Gradual upper contact. Minor Po and Py.	Z39036	773.18	773.68	0.5	0.016	AGAT_FAICP		
			Z39037	773.68	774.36	0.68	0.058	AGAT_FAICP		
774.36	**774.70**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Small greenish white low angle PEG vein. No sulfides.	Z39039	774.36	774.7	0.34	0.181	AGAT_FAICP		
774.70	**784.50**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Compositionally banded fine to coarse strongly to moderately folaited grey and black GBFG. Fine to medium grained diss garnets pervasive. Two strongly carbonate altered halos around smal pinkish white carb veins. Minor Py and lesser Po.	Z39040	774.7	775.43	0.73	0.172	AGAT_FAICP		
			Z39041	775.43	776	0.57	0.207	AGAT_FAICP		
			Z39042	776	777	1	0.051	AGAT_FAICP		
			Z39043	777	778	1	0.051	AGAT_FAICP		
			Z39044	778	779	1	0.075	AGAT_FAICP		
			Z39045	779	780	1	0.153	AGAT_FAICP		
			Z39047	780	781	1	0.191	AGAT_FAICP		
			Z39048	781	781.4	0.4	0.223	AGAT_FAICP		
			Z39049	781.4	782	0.6	0.399	AGAT_FAICP		
			Z39050	782	783	1	0.288	AGAT_FAICP		
			Z39051	783	783.5	0.5	0.169	AGAT_FAICP		
			Z39053	783.5	784	0.5	0.162	AGAT_FAICP		
			Z39054	784	784.5	0.5	0.106	AGAT_FAICP		
784.50	**789.09**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated green AMP unit with two large carbonate alteration halos around several small pinkish white carb veins. Ample garnets pervasively from fine to very coarse. Py and Po unevenly distributed throughout the section. Gradational upper and lower contact.	Z39055	784.5	784.81	0.31	0.103	AGAT_FAICP		
			Z39056	784.81	785.12	0.31	0.059	AGAT_FAICP		
			Z39057	785.12	785.9	0.78	0.036	AGAT_FAICP		
			Z39059	785.9	787	1.1	0.065	AGAT_FAICP		
			Z39060	787	788	1	0.101	AGAT_FAICP		
			Z39061	788	789.09	1.09	0.096	AGAT_FAICP		
789.09	**791.19**	**(AMP) Amphibolite, ( )** medium to coarse grained strongly foliated porphyritic green AMP unit. Porphs are streched along foliation plane. Minor Po and Py pervasive. Gradational contacts. Two medium sized	Z39062	789.09	789.8	0.71	0.12	AGAT_FAICP		
			Z39063	789.8	790.1	0.3	0.118	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
carb alteration halos around several small pinkish greenish carb veins.			Z39064	790.1	790.5	0.4	0.078	AGAT_FAICP		
			Z39065	790.5	791.19	0.69	0.185	AGAT_FAICP		
791.19	**791.73**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z39067	791.19	791.73	0.54	0.079	AGAT_FAICP		
Medium to coarse grained moderately foliated black and grey GBFG. Minor Po and Py. Gradational upper and lower contacts.										
791.73	**793.60**	**(AMP) Amphibolite, ( )**	Z39068	791.73	792.5	0.77	0.102	AGAT_FAICP		
Fine to medium grained moderately foliated green AMP. Minor garnets pervasively from fine to medium. Py and Po unevenly distributed throughout the section. Gradational upper and lower contact.			Z39069	792.5	793	0.5	0.068	AGAT_FAICP		
			Z39070	793	793.6	0.6	0.116	AGAT_FAICP		
793.60	**798.25**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z39071	793.6	794	0.4	0.181	AGAT_FAICP		
Fine to coarse grained weakly to moderately foliated grey and black GBFG. Biotite grain size and garnet content varies drasically but gradually within the unit. Upper contact is gradational and not obvious. Lower contact is sharp. Po and Py observed pervasively.			Z39073	794	794.4	0.4	0.231	AGAT_FAICP		
			Z39074	794.4	795	0.6	0.135	AGAT_FAICP		
			Z39075	795	795.62	0.62	0.141	AGAT_FAICP		
			Z39076	795.62	795.92	0.3	0.0567	AGAT_FAICP		
			Z39077	795.92	796.5	0.58	0.202	AGAT_FAICP		
			Z39079	796.5	797	0.5	0.13	AGAT_FAICP		
			Z39080	797	797.5	0.5	0.246	AGAT_FAICP		
			Z39081	797.5	798.25	0.75	0.183	AGAT_FAICP		
798.25	**800.90**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	Z39082	798.25	798.75	0.5	0.0809	AGAT_FAICP		
Large clear greenish grey Qtz flooded section containing Amp Bio and fine Po and Py. Several small veinlets within and parallel to the core have patches of Po and Py along it. Contacts are sharp but gradational.			Z39083	798.75	799.15	0.4	0.0641	AGAT_FAICP		
			Z39084	799.15	799.5	0.35	0.067	AGAT_FAICP		
			Z39085	799.5	800	0.5	0.158	AGAT_FAICP		
			Z39087	800	800.5	0.5	0.07	AGAT_FAICP		
			Z39088	800.5	800.9	0.4	0.0431	AGAT_FAICP		
800.90	**801.90**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z39089	800.9	801.5	0.6	0.114	AGAT_FAICP		
Fine to coarse GBFG with minor garnet and Amp. Sharp upper contact and gradual lower contact. Foliation not well defined within coarse biotite. Minor Po and Py.			Z39090	801.5	801.9	0.4	0.249	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
801.90	**802.85**	**(AMP) Amphibolite, ( )** Small fine grained moderately to weakly foliated green AMP unit. Trace to minor Po and Py. Gradational very low angle upper and lower contacts. Lower contact difficult to determine.	Z39091	801.9	802.85	0.95	0.189	AGAT_FAICP		
802.85	**804.46**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately folaited weakly siliceous GBFG. Minor to trace Po and Py. Gradational upper and lower contacts.	Z39093	802.85	803.5	0.65	0.216	AGAT_FAICP		
			Z39094	803.5	804	0.5	0.269	AGAT_FAICP		
			Z39095	804	804.46	0.46	0.059	AGAT_FAICP		
804.46	**812.80**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** Fine to medium grained strongly foliated porphyritic DioP2 (AMP?). Coarse Amp porphs. Trace sulfides. Gradational upper and lower contacts. S1 near parallel to core axis. Several small boundinaged QVs. Few small carb veinlets with very weak alteration halos.	Z39096	804.46	805	0.54	0.0389	AGAT_FAICP		
			Z39097	805	806	1	0.885	AGAT_FAICP		
			Z39099	806	807	1	1.13	AGAT_FAICP		
			Z39100	807	808	1	0.445	AGAT_FAICP		
			Z39101	808	809	1	0.269	AGAT_FAICP		
			Z39102	809	810	1	0.0903	AGAT_FAICP		
			Z39103	810	811	1	0.0116	AGAT_FAICP		
			Z39104	811	812	1	0.0052	AGAT_FAICP		
			Z39105	812	812.8	0.8	0.0788	AGAT_FAICP		
812.80	**813.94**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Coarse grained GBFG unit with gradational contact and local alteration halos around qtz-carb veinlets at each contact. Minor Po and Py.	Z39107	812.8	813.5	0.7	0.551	AGAT_FAICP		
			Z39108	813.5	813.94	0.44	0.666	AGAT_FAICP		
813.94	**815.45**	**(DIO) Diorite, ( )** Porphyritic medium to coarse foliated DioP2 unit. Gradational upper and lower contacts. No sulfides observed.	Z39109	813.94	815	1.06	0.0368	AGAT_FAICP		
			Z39110	815	815.45	0.45	0.0242	AGAT_FAICP		
815.45	**815.74**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse foliated GBFG with no observed garnets. Minor Po and Py. Gradational upper contact and sharp lower contact with PEG vein.								
815.74	**816.09**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained massive pink and white PEG vein crosscutting the GBFG unit. No sulfides observed. Minor bio and amp within vein.	Z39111	815.45	816.09	0.64	0.0326	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
816.09	**818.82**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately to strongly foliated green grey AMP. Minor Po and Py pervasively. Local F2 folding. Compositional banding observed. Sharp upper and lower contacts.	Z39113	816.09	817	0.91	0.0798	AGAT_FAICP		
			Z39114	817	818	1	0.436	AGAT_FAICP		
			Z39115	818	818.82	0.82	1.28	AGAT_FAICP		
818.82	**820.40**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Potentially a QV1 or a completely qtz flooded AMP unit. Fine to medium grained Amp and Bio observed pervasively. Po and Py observed within qtz and as small sulfide patches.	Z39116	818.82	819.3	0.48	0.394	AGAT_FAICP		
			Z39117	819.3	819.7	0.4	0.309	AGAT_FAICP		
			Z39119	819.7	820	0.3	0.59	AGAT_FAICP		
			Z39120	820	820.4	0.4	0.865	AGAT_FAICP		
820.40	**822.15**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse grained moderately foliated GBFG with several QVs/qtz flooding area. Sharp upper and lower contacts. Minor Po and Py pervasive.	Z39121	820.4	821	0.6	0.916	AGAT_FAICP		
			Z39122	821	821.3	0.3	0.476	AGAT_FAICP		
			Z39123	821.3	821.7	0.4	1.01	AGAT_FAICP		
			Z39124	821.7	822.15	0.45	1.17	AGAT_FAICP		
822.15	**831.21**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated compositionally banded green AMP. Locally scapolite and feldspar alteration observed vergining on MAM. Several small white barren veins observed within the section as well. Silicification increases within a meter of the lower contact. Minor diss and patchy Po and Py observed pervasively.	Z39125	822.15	822.5	0.35	1.87	AGAT_FAICP		
			Z39127	822.5	822.88	0.38	0.597	AGAT_FAICP		
			Z39128	822.88	823.5	0.62	6.3	AGAT_FAGRA		
			Z39129	823.5	824	0.5	3.65	AGAT_FAICP		
			Z39130	824	824.5	0.5	1.82	AGAT_FAICP		
			Z39131	824.5	825	0.5	4.79	AGAT_FAICP		
			Z39133	825	825.5	0.5	9.03	AGAT_FAGRA		
			Z39134	825.5	826	0.5	63	AGAT_FAGRA		
			Z39135	826	826.5	0.5	4.94	AGAT_FAICP		
			Z39136	826.5	827	0.5	0.667	AGAT_FAICP		
			Z39137	827	827.5	0.5	1.42	AGAT_FAICP		
			Z39139	827.5	828	0.5	2.57	AGAT_FAICP		
			Z39140	828	828.5	0.5	1.89	AGAT_FAICP		
			Z39141	828.5	829	0.5	3.26	AGAT_FAICP		
			Z39142	829	829.5	0.5	2.21	AGAT_FAICP		
			Z39143	829.5	830	0.5	5.96	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39144	830	830.5	0.5	1	AGAT_FAICP		
			Z39145	830.5	830.8	0.3	0.889	AGAT_FAICP		
			Z39147	830.8	831.21	0.41	15.9	AGAT_FAGRA		
831.21	**831.95**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Slightly massive light grey clear QV1 vein with minor to trace fine Amp Po and Py. Section contains 2 VG flecks. Sharp upper and lower contacts.	Z39148	831.21	831.61	0.4	20.2	AGAT_FAGRA	Yes	
			Z39149	831.61	831.95	0.34	25.6	AGAT_FAGRA	Yes	
831.95	**833.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained massive magnetic LAMP with several small carb veinlets and carb spots. Xeinoliths pervasive. No sulfides.	Z39150	831.95	832.5	0.55	0.125	AGAT_FAICP		
			Z39151	832.5	833.25	0.75	0.054	AGAT_FAICP		
833.25	**839.12**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Slightly massive QV1 vein with a small section that is biotite rich (qtz rich GBFG). A total of 16 VG flecks observed. Fine diss Po and Py pervasively. Sharp upper and gradational lower contact. A continuation of the upper QV unit.	Z39153	833.25	833.65	0.4	12.5	AGAT_FAGRA	Yes	
			Z39154	833.65	833.95	0.3	16.1	AGAT_FAGRA		
			Z39155	833.95	834.25	0.3	21.6	AGAT_FAGRA		
			Z39156	834.25	834.6	0.35	11.7	AGAT_FAGRA	Yes	
			Z39157	834.6	835	0.4	52.1	AGAT_FAGRA	Yes	
			Z39159	835	835.47	0.47	7.85	AGAT_FAGRA		
			Z39160	835.47	835.84	0.37	19.1	AGAT_FAGRA	Yes	
			Z39161	835.84	836.33	0.49	6.21	AGAT_FAGRA		
			Z39162	836.33	836.7	0.37	15.9	AGAT_FAGRA		
			Z39163	836.7	837	0.3	20.6	AGAT_FAGRA		
			Z39164	837	837.39	0.39	22.1	AGAT_FAGRA		
			Z39165	837.39	837.75	0.36	19.4	AGAT_FAGRA	Yes	
			Z39167	837.75	838.15	0.4	49.2	AGAT_FAGRA	Yes	
			Z39168	838.15	838.5	0.35	3.06	AGAT_FAICP	Yes	
			Z39169	838.5	838.8	0.3	2.56	AGAT_FAICP		
			Z39170	838.8	839.12	0.32	3.12	AGAT_FAICP	Yes	

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
839.12	**841.50**	**(MAM) Mottled Amphibolite, (MAM) Mottled Amphibolite**	Z39171	839.12	839.5	0.38	6.79	AGAT_FAGRA		
Medium grained moderately foliated qtz flooded MAM unit. Upper contact with mineralized QV is diffuse as qtz flooding and veining gradually decreases verging on AMP at the lower contact. Minor Po and Py pervasive. More Po than Py. Banded scapolite alteration. One PEG vein within this section parallel to foliation.			Z39173	839.5	840	0.5	5.85	AGAT_FAGRA		
			Z39174	840	840.35	0.35	6.19	AGAT_FAGRA		
			Z39175	840.35	840.75	0.4	3.01	AGAT_FAICP		
			Z39176	840.75	841.15	0.4	3.83	AGAT_FAICP		
			Z39177	841.15	841.5	0.35	1.17	AGAT_FAICP		
841.50	**853.66**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z39180	841.5	842	0.5	1.06	AGAT_FAICP		
Fine to medium grained strongly foliated green AMP. Biotite and plag content varies resulting compositional banding. Several small random veinlets with weak to moderate alteration halos throughout the section. Sharp lower contact. Gradational upper contact. Minor Po and trace Py.			Z39181	842	842.5	0.5	1.16	AGAT_FAICP		
			Z39182	842.5	843	0.5	1.57	AGAT_FAICP		
			Z39183	843	843.5	0.5	0.636	AGAT_FAICP		
			Z39184	843.5	844	0.5	0.308	AGAT_FAICP		
			Z39185	844	844.5	0.5	0.385	AGAT_FAICP		
			Z39187	844.5	845	0.5	0.534	AGAT_FAICP		
			Z39188	845	845.5	0.5	1.11	AGAT_FAICP		
			Z39189	845.5	846	0.5	0.169	AGAT_FAICP		
			Z39190	846	846.5	0.5	1.18	AGAT_FAICP		
			Z39191	846.5	847	0.5	0.717	AGAT_FAICP		
			Z39193	847	847.5	0.5	0.493	AGAT_FAICP		
			Z39194	847.5	848	0.5	3.41	AGAT_FAICP		
			Z39195	848	849	1	0.748	AGAT_FAICP		
			Z39196	849	850	1	0.397	AGAT_FAICP		
			Z39197	850	851	1	2.42	AGAT_FAICP		
			Z39199	851	852	1	1.43	AGAT_FAICP		
			Z39200	852	853	1	0.654	AGAT_FAICP		
			Z39201	853	853.66	0.66	0.642	AGAT_FAICP		
853.66	**855.42**	**(DIA) Diabase Dike, ( )**	Z39202	853.66	854.5	0.84	0.085	AGAT_FAICP		
Massive fine grained Diabase. Weakly plag porphs are observed. Sharp contacts. No sulfides. Magnetic.			Z39203	854.5	855.42	0.92	0.008	AGAT_FAICP		
855.42	**859.42**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained strongly foliated green AMP. Biotite and plag content varies resulting compositional banding. Several small random veinlets with weak to moderate alteration halos throughout the section. Sharp upper contact. Gradational lower contact. Minor Po and trace Py.	Z39204	855.42	856	0.58	0.474	AGAT_FAICP		
			Z39205	856	857	1	0.174	AGAT_FAICP		
			Z39207	857	858	1	0.303	AGAT_FAICP		
			Z39208	858	859	1	0.461	AGAT_FAICP		
859.42	**866.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z39210	859.42	860.5	1.08	0.109	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS unit with coarse qtz eye texture. Trace diss sulfides. Several small PEG and white massive QVs. Sharp upper and lower contacts.	Z39211	860.5	861	0.5	0.178	AGAT_FAICP		
			Z39213	861	862	1	0.228	AGAT_FAICP		
			Z39214	862	863	1	0.154	AGAT_FAICP		
			Z39215	863	864	1	0.219	AGAT_FAICP		
			Z39216	864	865	1	0.1	AGAT_FAICP		
			Z39217	865	866	1	0.055	AGAT_FAICP		
			Z39219	866	866.9	0.9	0.883	AGAT_FAICP		
866.90	**868.40**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z39220	866.9	868	1.1	0.331	AGAT_FAICP		
		Fine to medium grained strongly foliated green AMP. Biotite and plag content varies resulting compositional banding. Several small random veinlets with weak to moderate alteration halos throughout the section. Sharp upper contact. Gradational lower contact. Minor Po and trace Py.	Z39221	868	868.4	0.4	0.327	AGAT_FAICP		
868.40	**873.25**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z39222	868.4	869	0.6	0.096	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS unit with coarse qtz eye texture. Trace diss sulfides. Several small PEG and white massive QVs. Sharp upper and lower contacts.	Z39223	869	870	1	0.408	AGAT_FAICP		
			Z39224	870	871	1	0.161	AGAT_FAICP		
			Z39225	871	872	1	0.173	AGAT_FAICP		
			Z39227	872	873.25	1.25	0.158	AGAT_FAICP		
873.25	**875.42**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z39228	873.25	874	0.75	0.354	AGAT_FAICP		
		Fine to medium grained strongly foliated green AMP. Biotite and plag content varies resulting compositional banding. Several small random veinlets with weak to moderate alteration halos throughout the section. Sharp upper and lower contact. Minor Po and trace Py.	Z39229	874	875	1	0.359	AGAT_FAICP		
			Z39230	875	875.42	0.42	3.41	AGAT_FAICP		
875.42	**878.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z39231	875.42	876	0.58	0.19	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS with trace diss Po and Py. Sharp upper and lower contacts.	Z39233	876	877	1	0.032	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39234	877	878	1	0.034	AGAT_FAICP		
			Z39235	878	878.6	0.6	0.076	AGAT_FAICP		
878.60	**879.43**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Fine to medium grained strongly foliated green AMP. Biotite and plag content varies resulting compositional banding. Several small random veinlets with weak to moderate alteration halos throughout the section. Sharp upper and lower contact. Minor Po and trace Py.	Z39236	878.6	879.43	0.83	1.48	AGAT_FAICP		
879.43	**897.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS with trace diss Po and Py. Sharp upper and lower contacts. Two small LAMP dykes observed at 883.5m and 890.7m.	Z39237	879.43	880	0.57	0.342	AGAT_FAICP		
			Z39239	880	881	1	0.138	AGAT_FAICP		
			Z39240	881	882	1	0.117	AGAT_FAICP		
			Z39241	882	883	1	1.57	AGAT_FAICP		
			Z39242	883	884	1	0.076	AGAT_FAICP		
			Z39243	884	885	1	0.067	AGAT_FAICP		
			Z39244	885	886	1	0.033	AGAT_FAICP		
			Z39245	886	887	1	0.301	AGAT_FAICP		
			Z39247	887	888	1	0.36	AGAT_FAICP		
			Z39248	888	889	1	0.948	AGAT_FAICP		
			Z39249	889	890	1	0.949	AGAT_FAICP		
			Z39250	890	891	1	0.088	AGAT_FAICP		
			Z39251	891	892	1	0.213	AGAT_FAICP		
			Z39253	892	893	1	0.156	AGAT_FAICP		
			Z39254	893	894	1	0.145	AGAT_FAICP		
			Z39255	894	895	1	0.517	AGAT_FAICP		
			Z39256	895	896	1	0.303	AGAT_FAICP		
			Z39257	896	897	1	0.439	AGAT_FAICP		
			Z39259	897	897.7	0.7	0.87	AGAT_FAICP		
897.70	**898.42**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** White and grey PEG vein with contacts parallel to S1. Melt? Minor Po and Py within vein.	Z39260	897.7	898.42	0.72	0.128	AGAT_FAICP		
898.42	**906.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS with trace diss Po and Py. Few PEG/	Z39261	898.42	899	0.58	0.252	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
melt patches. EOH=906m			Z39262	899	900	1	0.032	AGAT_FAICP		
			Z39263	900	901	1	0.037	AGAT_FAICP		
			Z39264	901	902	1	0.09	AGAT_FAICP		
			Z39265	902	903	1	0.017	AGAT_FAICP		
			Z39267	903	904	1	0.029	AGAT_FAICP		
			Z39268	904	905	1	0.01	AGAT_FAICP		
			Z39269	905	906	1	0.081	AGAT_FAICP		EOH

Newmont

Geological Description with Assays

Hole ID : **BL19-01079A**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	5.012	Easting :	333624	Logged By :	Colt.Meyer
Dip :	-77.817	Northing :	5302722	Logged By 2 :	
Length :	179	Elevation :	443	Log Start :	12-Apr-2019
Drill Start :	19-Mar-2019	UTM Grid :	NAD83_UTMZ17N_GPS	Log Completed :	13-Apr-2019
Drill Completed :	22-Mar-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

issues with overburden and attempted use of tricone; casing to 53 metres; hole had to be abandoned at 179 metres; van ruth plug set at 51 metres and casing pulled; hexagonal stabilization; cuttings containment and casing left with cap and hole ID; unoriented hole abandoned long before reaching target; hole contains numerous diabase and lamprophyre dyke intersections as well as FGS intervals with fluctuations in quartz-dioritic fabric; metasediment units possess intense potassic alteration but no noticeable mineralization; strongly stretched conglomerate intervals near top of hole and one silicified MAM unit with minor disseminated Py; quartz veins encountered are QV2 barren massive or QzFpV quartzofeldspathic to pegmatitic; occasional amphibolite bands; some spot sampling accidentally performed

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**52.16**	**(OB) Overburden, ( )** core loss and overburden; casing to 53 metres								
52.16	**53.18**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse-grained greyish conglomerate that appears storngly banded due to clast elongation near perpendicular to core long axis; greenish mafic clasts and grey siliceous clasts	Z39668	52.16	53.18	1.02	0.034	AGAT_FAICP		
53.18	**66.30**	**(DIA) Diabase Dike, ( )** very fine to fine-grained massive black diabase dyke with sporadic beige subrounded xenoliths throughout; moderate to strong sericitic alteration haloes on crosscutting quartz-carbonate veinlets	Z39669	53.18	53.7	0.52	0.002	AGAT_FAICP		
			Z39670	53.7	54	0.3	0.027	AGAT_FAICP		
			Z39671	54	55	1	0.005	AGAT_FAICP		
			Z39673	55	56.5	1.5	0.003	AGAT_FAICP		
			Z39674	56.5	58	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
			Z39675	58	58.6	0.6	0.015	AGAT_FAICP		
			Z39676	58.6	59.2	0.6	0.027	AGAT_FAICP		
			Z39677	59.2	60	0.8	0.004	AGAT_FAICP		
			Z39679	60	61	1	0.003	AGAT_FAICP		
			Z39680	61	62.5	1.5	0.004	AGAT_FAICP		
			Z39681	62.5	64	1.5	0.002	AGAT_FAICP		
			Z39682	64	65.5	1.5	0.006	AGAT_FAICP		
			Z39683	65.5	66.3	0.8	0.021	AGAT_FAICP		
66.30	**69.10**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z39684	66.3	66.6	0.3	0.013	AGAT_FAICP		
grey and green medium to coarse-grained polymictic conglomerate with pseudobanding as a result of strongly elongated clasts; no alpha angle due to low angle undulating contact; unit ends in 40 cm pink and grey quartz-rich granitic pegmatite			Z39685	66.6	68	1.4	0.022	AGAT_FAICP		
			Z39687	68	69.1	1.1	0.031	AGAT_FAICP		
69.10	**69.46**	**(DIA) Diabase Dike, ( )**	Z39688	69.1	69.46	0.36	0.005	AGAT_FAICP		
massive black very fine-grained relatively unaltered intrusive diabase dyke with no alpha angle due to undulating irregular upper contact; beige to whitish grey xenoliths throughout										
69.46	**71.88**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z39689	69.46	70.51	1.05	0.033	AGAT_FAICP		
medium to coarse-grained banded conglomerate grading into quartz-feldspar-biotite FGS; potassic altered quartzofeldspathic vein from 70.58 to 70.81 metres depth; includes a limited time offer lamprophyre dykelet from 71.15 to 71.4 metres depth			Z39690	70.51	70.81	0.3	0.006	AGAT_FAICP		
			Z39691	70.81	71.47	0.66	0.003	AGAT_FAICP		
			Z39693	71.47	71.88	0.41	0.003	AGAT_FAICP		
71.88	**74.48**	**(DIA) Diabase Dike, ( )**								
massive black very fine-grained intrusive diabase dyke with sharp irregular contacts showing little to no alteration; low abundance of sporadic beige to whitish felsic xenoliths throughout unit										
74.48	**75.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
altered medium to coarse-grained pink and grey FGS unit with potassic-altered quartz vein in centre; likely localized effects of reheating from diabase intrusion										
75.00	**75.46**	**(UMD) UM\LAMP 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 black massive carbonate-phenocrystic intrusive lamprophyre dykelet with knife-sharp contacts at a low angle to core long axis								
75.46	**77.07**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained pink and grey banded strongly-foliated quartz-feldspar-biotite unit with abundant crosscutting potassic and sericitic alteration envelopes on quartz-carbonate veinlets; one small massive grey barren quartz vein								
77.07	**82.90**	**(MAM) Mottled Amphibolite, ( )** siliceous and strongly-banded grey and green mottled amphibolite with minor disseminated pyrite mienralization between bands at some places; quartz-carbonate veinlets with moderate potassic and weak sericitic alteration haloes								
82.90	**83.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** massive dark grey intrusive lamprophyre dyke with green sericitized and chloritized contacts; defined by abundant fine carbonate phenocrysts								
83.90	**94.93**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** foliated quartz-porphyritic quartz-feldspar-biotite unit with intermittent potassic and sericitic alteration envelopes on hairline quartz-carbonate veinlets; potassic altered massive white barren quartz vein from 92.15 m to 92.4 metres depth; undulating irregular upper contact with lamprophyre intrusive								
94.93	**102.87**	**(FGC) Felsic Gneiss Conglomerate, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS replaced with FGC by WG on 20190720. Dark grey strongly-banded unit of alternating quartz-feldspar and biotite layers; intermittent bands separated by potassic and sericitic alteration envelopes on quartz-carbonate veinlets								
102.87	**105.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained massive quartz-feldspar-biotite unit with potassic alteration overprinting; much wow								
105.12	**105.50**	**(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)								
		fine-grained green massive intermediate amphibolite dyke or band with sharp contacts								
105.50	**107.29**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		coarse-grained grey foliated quartz-feldspar-biotite unit defined by intermittent pink potassic alteration and abundant coarse-grained quartz that stands out from groundmass with quartz eye or porphyritic texture; sporadic massive grey quartz veinlets with potassic alteration focused at margins								
107.29	**114.06**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		mid-grey medium to coarse-grained FGS defined by alternating quartz-feldspar and biotite bands; intermittent quartz and quartzofeldspathic veins and strong sericitic-potassic haloes on quartz-carbonate veinlets								
114.06	**117.33**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		coarse-grained grey quartz-eye porphyritic FGS unit with moderate to strong foliation and pale pink potassic alteration of quartz grains; strong red potassic and weak beige sericitic alteration envelopes on crosscutting quartz-carbonate veinlets								
117.33	**117.64**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		medium to coarse-grained green intermediate amphibolite dyke or band with sharp contacts hosting weak sericitic to chloritic alteration								
117.64	**120.34**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		coarse-grained grey quartz-eye porphyritic FGS unit with moderate to strong foliation and pale pink potassic alteration of quartz grains; strong red potassic and weak beige sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; one small massive barren QV2 less than 10 cm wide								
120.34	**120.81**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		medium-grained green intermediate amphibolite dyke or band with sharp unaltered contacts; less than 3 cm wide pink quartzofeldspathic band cuts through unit								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
120.81	**132.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey quartz-eye porphyritic FGS unit with moderate to strong foliation and pale pink potassic alteration of quartz grains; strong red potassic and weak beige sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; intermittent patches of strong to intense potassic alteration; quartz-eye fabric not apparent from 123.58 m to 124 m depth or from 129 m to 131.6 m depth; intrusive black massive very fine-grained diabase dyke from 131.27 m to 131.53 m depth								
132.05	**132.57**	**(DIA) Diabase Dike, ( )** very fine-grained black massive intrusive diabase dyke with knife-sharp unaltered contacts and a small amount of beigish-white xenoliths throughout								
132.57	**133.09**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey medium-grained and moderately foliated quartz-feldspar-biotite unit with diffuse bands highlighted by alignnment of biotite grains; small massive barren quartz vein with patchy potassic alteration and minor pyrite mineralization								
133.09	**136.39**	**(DIA) Diabase Dike, ( )** very fine-grained black massive intrusive diabase dyke with knife-sharp unaltered contacts and a small amount of beigish-white xenoliths throughout								
136.39	**168.56**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey and pink quartz-feldspar-biotite unit with sections of weak to moderate banding defined by both biotite grain alignment and pale to deep pink potassic alteration; occasional grey massive barren quartz veins less than 15 cm wide with patchy potassic alteration; intermittent sericitic and potassic alteration envelopes on quartz-carbonate veinlets cutting perpendicular to dominant foliation; strong to intense potassic patches wane after 154 metres depth; green intermediate amphibolite band from 151.6 m to 151.92 m depth								
168.56	**169.75**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** dark grey and bluish fine to medium-grained massive intrusive lamprophyre dyke with sharp altered contacts and abundant carbonate phenocrysts; section where two dyke pulses meet strewn with coarse cm-scale brecciated fragments of altered bluish rock								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
169.75	**176.15**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey moderately-foliated quartz-feldspar-biotite unit with intermittent quartz and quartzofeldspathic veins less than 10 cm wide; weak sericitic and potassic alteration envelopes on hairline quartz-carbonate veinlets								
176.15	**177.14**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained dark grey massive carbonate-phenocrystic lamprophyre intrusive dyke with sharp bluish-green sericitized and chloritized contacts								
177.14	**179.00**	**(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 quartzofeldspathic veinlets less than 5 cm wide; EOH at 179 metres depth								

Newmont

Geological Description with Assays

Hole ID : **BL19-01080**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	15.324	Easting :	333621.42	Logged By :	Brad.Clarke
Dip :	-78.108	Northing :	5302722.21	Logged By 2 :	Mike.Schweinberger
Length :	1050	Elevation :	444.063	Log Start :	31-Mar-2019
Drill Start :	23-Mar-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	19-Apr-2019
Drill Completed :	7-Apr-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Logged by Brad C.; Mike S.; Dan R.; Colt M.; William G.. Thick boulder moraine; casing very difficult to set in; tricone used. Mineralized interval: from 745.54 to 765.9m; GBFG with minor silicified levels (QV1) and minor mineralization (Po; Py). Target probbaly located too much up dip of mineralized shoot. Needs additional sampling near mineralization before it can be included in the model.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**51.00**	**(OB) Overburden, ( )**								
OB. 51m casing.										
51.00	**51.95**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
Fine to medium grained moderately to strongly foliated FGC. Trace Py along fractures and foliations. Sharp lower contact. Non magnetic.										
51.95	**63.98**	**(DIA) Diabase Dike, ( )**								
Massive fine grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Few Qtz carb veins with small moderate alteration halos. Large very coarse white rounded sub rounded plag xeinoliths distributed sparsely throughout.										
63.98	**67.79**	**(FGC) Felsic Gneiss Conglomerate, ( )**								

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 FGC. Trace Py along fractures and foliations. Sharp lower and upper contact. Non magnetic.										
67.79	**68.56**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Fine grained magnetic dark grey LAMP with sharp low angle contacts and xeinoliths.										
68.56	**72.38**	**(FGC, PEG) Felsic Gneiss Conglomerate, Pegmatite, ( )**								
Fine to medium grained moderately to strongly foliated FGC. Trace Py along fractures and foliations.Non magnetic. Within the FGC unit several PEG/QF veins are observed. Fractures and brecciation observed throughout the unit in both the FGC and PEG veins. Passive folding is observed and crosscut by a small QF vein which may be a tension vein. Below this unit F2 folding observed so it unit is structrually deformed and complex.										
72.38	**73.90**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
Fine to medium grained moderately to strongly foliated FGC. Trace Py along fractures and foliations. Sharp lower contact. Non magnetic. F2 folding observed within this section as foliation flips. The location of the hinge of the fold has a small unit of PEG.										
73.90	**74.05**	**(DIA) Diabase Dike, ( )**								
Massive small Diabase dyke.										
74.05	**74.83**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
Fine to medium grained moderately to strongly foliated FGC. Trace Py along fractures and foliations. Sharp lower contact. Non magnetic. A clast lineation is observed. Additionally a small LAMP dyke crosscuts another small Diabase dyke at 75.5m										
74.83	**76.13**	**(DIA) Diabase Dike, ( )**								
Fine grained black magnetic Dia.										
76.13	**80.58**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
Fine to medium grained moderately to strongly foliated FGC. Trace Py along fractures and foliations. Sharp lower and upper contact. Non magnetic.										
80.58	**81.50**	**(UMD) UM\LAMP 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 magnetic LAMP.										

81.50 83.18 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated FGC. Trace Py along fractures and foliations. Sharp upper contact. Non magnetic. Lower contact is diffuse as the texture changes.

83.18 94.87 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained porphyritic grey moderately foliated FGS. Unit historically labeled as a diorite. Medium biotite defines foliation. Few small QF veins observed cross cutting foliation. Trace to nil Py. Several small fractures and veins have weak alteration halos; a few fol parallel QF stringers up to 6cm thick

94.87 102.69 (FGC) Felsic Gneiss Conglomerate, ( )

well banded conglo with very flattended clasts; greenish-grey; weakly to mod fol; frequ fine to med mm to cm-tick fol parallel bands of fine to med am; scattered localized gar; weak fine to med bio; very weak dissem anh fine py; rock weakly to mod mag; upper contact is sharp; 17 cm thick fol parallel med to coarse AMP band at 98.70-98.87 and band of por FGS as above unit at 99.27-99.32

102.69 103.15 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med por light grey weakly to mod fol FGS; weak fine to med bio; traces of fine to med am; upper contact grad; weak to mod fine dissem anh py

103.15 104.86 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med Ksp alt FGS with med to coarse qtz eyes; pinkish grey; weakly to mod fol; weak fine to med bio; some minor fine to med am; weak dissem to wispy fine to med anh py; upper contact grad

104.86 105.27 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med por light pikish grey KSP alt weakly to mod fol FGS; weak fine to med bio; traces of fine to med am; upper contact grad; weak to mod fine dissem anh py

105.27 105.62 (AMP) Amphibolite, ( )

med green wealy fol AMP; upper contact sharp; stong med am; weak fine to med bio; no sulphides

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

105.62 109.88 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med pinkish grey por weakly to mod fol FGS; weak fine to med bio and am; a few QF stringers mostly fol parallel up to 1cm thick; weak fine dissem anh py; upper contact sharp; weakly to mod Ksp alt mostly as haloes

109.88 110.58 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

pikish white coarse to very coarse peg with weak to mod med to coarse bio; upper contact grad

110.58 113.54 (FGS) Felsic Gneiss Sedimentary, ( )

por pinkish grey partly KSp alt weakly to mod fol fine to med FGS; weak bio and am; weak dissem fine anh py; upper contact grad; rock mod mag

113.54 114.10 (AMP) Amphibolite, ( )

fine to med green wealy fol AMP; upper contact sharp; stong med am; weak fine to med bio; traces of very fine dissem anh py

114.10 121.06 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse pinkish grey QFP; qtz and fsp por that are med to coarse; weak to mod fin to med am and bio; weak fine dissem anh py; upper contact sharp; frequ Ksp haloes along qtz and qtz-carb stringers; 6cm thick greenish lamp band at 119.39-119.43

121.06 121.50 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

fine to med weakly fol green AMP; mod fine to med am; weak fine to med bio; weak fine dissem py; upper contact sharp

121.50 124.54 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse pinkish grey QFP; qtz and fsp por that are med to coarse; weak to mod fin to med am and bio; weak fine dissem anh py; upper contact sharp; frequ Ksp haloes along qtz and qtz-carb stringers; 6cm thick greenish lamp band at 119.39-119.43

124.54 126.62 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		multiple alternationg dm-thick section of por and non-por FGS; weak to mod fol; fine to med; grey pinkish; weak fine to med bio and am; weak dissem py; upper contact sharp								
126.62	**127.16**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		coarse to very coarse pink PEG; upper contact sharp								
127.16	**128.52**	**(DIA) Diabase Dike, ( )**								
		fine mas DIA with multiiple white carb stringer with whitish haloes; sharp upper contact								
128.52	**131.86**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med weakly fsp por light grey weakly to mod fol FGS; weak fine to med bio and am; weak dissem fine anh py; upper contact sharp								
131.86	**132.38**	**(DIA) Diabase Dike, ( )**								
		fine mas DIA; upper conact sharp								
132.38	**134.08**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		fine to coarse pinkish grey QFP; qtz and fsp por that are med to coarse; weak to mod fin to med am and bio; weak fine dissem anh py; upper contact sharp; some Ksp haloes along qtz and qtz-carb stringers; with a 21cm bol parallel band of FGS at upper contact from 132.38-132.59								
134.08	**136.36**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		very weakly to weakly fsp por FGS with localized dm-scale patches that contain qtz eyes; pinkish grey; fine to med; freq KSp haloes along carb and qtz stringers; semi-frequ mm- to dm thick generally fol parallel QF and QV bands and patches; weak fine to med bio; traces of fine to med am; weak to mod fine dissem anh py; upper contact sharp; thin lamp band at 134.38-134.42								
136.36	**180.04**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Coarse grained FGS contains a moderate to strong dioritic fabric with poorly formed QTZ phenocrysts ranging from 0.1-6.0 mm’s. Moderate to strong potassic alteration via high angled bands/pervasive flooding/halos and dissemination. Weak to moderate sericitic alteration is also present via stringers and dissemination. Numerous QV2 veins present with moderate sulphide content in addition to massive amp and cpx. Short pegmatites and pegmatitic veins throughout. Moderately low sulphide content with pyrite as the dominant								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

variety Py 90 / Po 10. Short amphibolite sections. Background amphibole content is highly variable ranging from 2-6% with specimens ranging from very fine to medium grained massive examples. Sporadic patches of quartz eyes which are more apparent in higher potassic altered areas. Moderate foliation fabric is consistent. Short amphibolite present from 154.20 – 154.32 with an upper contact of 78/238.

180.04 180.67 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Short pegmatite with weak sulphide content with pyrite being the dominant variety Py95/Po5. Strong k-spar presence.

180.67 184.45 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS contains a moderate to strong dioritic fabric with phenocrysts ranging from 0.1 - 6.0 mm's in size. Phenocrysts are mainly QTZ with subrounded structure. Background amphibole is low but observable. Sulphide content is moderately low with pyrite as the dominant variety Py 85/Po 15. Moderate to strong potassic alteration via sporadic strings/halos/pervasive flooding. Numerous short pegmatitic and a couple QV2 veins crosscut the unit but are barren (see veining tab for details). Strain intensity is moderate throughout

184.45 184.90 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Pegmatite contains strong k-spar presence. Slivers of FGS contained within unit. Sulphide content is low with pyrite as the main constituent. Weak amphibole presence but observable. Numerous K-Spar specimens are poorly formed which may point to the unit as being a QV/partial melt.

184.90 189.30 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS with a slight increase in background amphibole content from previous FGS. Low sulphide content with pyrite as the main constiuent. Moderate to strong potassic alteration via high angled veinlets/pervasive flooding. Short UM contained from 186.57 - 186.79m's with an upper contact of 70/175. One large QV2 vein is contained from 185.15-185.41m's as well as a short pegmatitic vein 185.70-185.80 (see veining tab).

189.30 190.72 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyric dyke contains large (up to 10 cm) sections of surrounding FGS units. Numerous medium grained xenoliths and vesicles. Many of the brecciated clasts contain perthitic (unmixing) texture. Low sulphide content.

190.72 195.14 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Coarse grained FGS (may of previously been refered to as DIOAM) contains a moderate to strong porphyritic texture. Phenocrysts range from 0.1 - 6.0 mm's in size and are mainly subrounded. Sulphide content is moderately low with pyrite as the dominant species Py90/Po10. Background amphibole content is low but observable. Moderate to strong potassic alteration via high angled stringers and pervasive flooding.								
195.14	**196.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a moderate to strong dioritic fabric. Background amphibole content is moderate to strong. Low sulphide content with pyrite as main variety. A few high angled veinlets carrying moderate to strong potassic alteration crosscut the unit. One large QV2 contained from 195.70 - 195.96 m's (see veining tab).								
196.25	**206.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS with weak to moderate background amphibole content throughout. Moderately low sulphide content with pyrite as the main variety Py90/Po10. Numerous thin pegmatitic veins crosscut the unit but are barren. Moderate to strong potassic alteration via stringers/pervasive flooding. Ocassional cpx observable in quartz flooded areas. A few thin lamprophyres are present with the largest one contained from 198.80-198.86 with an upper contact of 14/275.								
206.10	**207.96**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Lamprophyric dyke contains fine to medium grained xenoliths and vesicles. Very low sulphide content.								
207.96	**208.85**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** White quartz vein contains moderate sulphide content with the majority being contained within a couple massive pyrite examples. Poorly formed k-spar throughout. Minor chloritic alteration around k-spar rims.	C69896	207.96	208.85	0.89	0.094	AGAT_FAICP		White/Bull Quartz vein with massive sulphide
208.85	**213.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS with weak background amphibole content throughout. Weak to strong potassic alteration via dissemination and high angled veinlets to core axis. Low sulphide content. Moderate strain intensity.								
213.10	**214.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained lamprophyre with low xenolith content.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

214.80 225.92 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS contains moderate to strong potassic alteration via stringers/dissemination/high angled veinlets. Weak to moderate sericitic alteration is also present via stringers. Low sulphide content with pyrite as the main constiuent. Background amphibole content is weak to moderate throughout. A series of thin ultramafic veinelts crosscut the unit from 219.00 - 219.40 correlating to intense potassic alteration. Folation fabric is moderate. Numerous pegmatitic veins throughout which are more likely to be partial melts due to the fine grained nature and poorly formed k-spar.

225.92 228.30 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Pegmatite is transitional with coarser material in the mid portion of unit. Upper and lower sections appear to be more likely partial melts. Low sulphide content overall with pyrite as the dominant variety. Strong to intense potassic alteration via stringers and pervasive flooding.

228.30 229.05 (FGS) Felsic Gneiss Sedimentary, ( )

Very fine grained FGS with a moderate siliceous content. Weak to moderate sericitic alteration via moderate angled veinlets. Low sulphide content with pyrite as the dominant species. Foliation fabric is moderate throughout.

229.05 229.65 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Unit has a pegmatitic texture but is likely to be a partial melt/QV2. Very low sulphide content. Minor amphibole present.

229.65 232.08 (FGS) Felsic Gneiss Sedimentary, ( )

Moderate background amphibole content with fine grained aggregates throughout. Moderate potassic alteration via high angled veinlets and pervasive. Moderate sulphide content with pyrite as the dominant variety.

232.08 234.34 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained amphibolite with felsic background. Increase in sulphide content with pyrite as the main constituent Py85/Po15 %. Very low cpx. Moderate foliation fabric. Thin pegmatitic veins crosscut the unit but are barren. Weak to moderate potassic alteration via pervasive flooding. Short section of coarse grained FGS contained 233.30-233.48m's with strong potassic pervasive alteration.

234.34 236.95 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Coarse grained FGS with moderate amphibole background content. Short potassic pegmatitic veins crosscut the unit but are barren. Moderate to strong potassic alteration via halos and pervasive flooding. Weak to moderate foliation fabric.								
236.95	**241.03**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP is highly gradational with poorly defined upper and lower contacts. Unit also lacks the strong background biotite content than typical QFP units contain. Background amphibole content is moderate throughout with some medium grained specimens. Moderate to strong potassic alteration via sporadic stringers/pervasive flooding and halos. Sulphide content is low. Weak to moderate foliation fabric present.								
241.03	**241.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Amphibolite contains moderate to strong potassic alteration via pervasive flooding. Weak sericitic alteration via stringers. Low sulphide content with pyrite as the main constituent.								
241.70	**243.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains moderate foliation fabric. Weak sulphide content. Weak background amphibole content. Moderate to strong potassic alteration via pervasive flooding and halos.								
243.00	**248.35**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Amphibolite contains a weak to moderate felsic background. Weak to moderate epidote alteration. Numerous F1 folded pegmatitic/partial melt veins with pyrite and weak pyrrhotite. Weak to moderate potassic alteration via pervasive flooding/dissemination in proximity to veins. Moderate sulphide content throughout with pyrite as the dominant species. Moderate foliation fabric.	C69897	245.77	246.51	0.74	0.113	AGAT_FAICP		
			C69899	246.51	247.27	0.76	0.159	AGAT_FAICP		
			C69900	247.27	248.02	0.75	0.081	AGAT_FAICP		
			C69901	248.02	248.35	0.33	0.123	AGAT_FAICP		
248.35	**248.90**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** Quartz vein contains moderate sulphide content with pyrite as the dominant variety. Quartz vein is generally milky/white with the ocassional glassy/translucent area. Moderate amphibole presence ranging from fine to medium grained massive examples. Moderate chloritic and potassic alteration via patches/veins.	C69902	248.35	248.9	0.55	0.087	AGAT_FAICP		
248.90	**249.74**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a moderate to strong folation fabric. Low sulphide content minus one patch with a sharp increase due to a thin felsic quartz vein.	C69903	248.9	249.74	0.84	0.035	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
249.74	**250.74**	**(MAM, FGS) Mottled Amphibolite, Felsic Gneiss Sedimentary, ( )**	C69904	249.74	250.74	1	0.105	AGAT_FAICP		
		Unit contains an moderate amount of quartz flooding and a sharp increase in sulphide content. Pyrite is the dominant sulphide variety with pyrrhotite being scarce. Weak to moderate potassic alteration via pervasive flooding. Moderate chloritic alteration present via dissemination. Large patches of epidote.								
250.74	**254.62**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Very low sulphide content. Minor quartz flooding in addition to patches of amphibole present throughout. Short pegmatitic veins with no significant sulphide content observable. Weak to moderate potassic alteration via pervasive flooding and high angled veinlets. Background amphibole content is moderate. Moderate to strong foliation fabric.								
254.62	**257.55**	**(DIO) Diorite, ( )**								
		Fine to medium grained qtz phenocrysts are moderately formed. Very low sulphide content with pyrite as the dominant variety. Moderate amphibole background content.								
257.55	**258.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Amphibolite contains weak to moderate felsic background. Low sulphide content. Moderate strain intensity. Minor F1 folding near a thin barren felsic vein. Short quartz vein at lower contact with no significant sulphide content and massive amphiboles								
258.60	**259.59**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Very low sulphide content. Thin barren quartz veins with weak potassic alteration and massive amphibole. High angled veinlets with moderate sericitic alteraiton crosscut the unit.								
259.59	**265.15**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine grained amphibolite is highly variable between AMP/FGS. Moderate strain intensity is consistent throughout unit. Sulphide content is weak to moderate with pyrite as the dominant variety. Numerous F1 folding signatures contained. Moderate epidote content ranging from disseminated to large patches/aggregates. Moderate potassic/chloritic alteration via halos/pervasive flooding.								
265.15	**269.71**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C69905	269	269.71	0.71	0.013	AGAT_FAICP		
		Very fine grained FGS with low sulphide content. Moderate strain intensity. Moderate angled veinlets crosscut the unit with weak to moderate sericitic alteration. Moderate to strong potassic alteration via halos/bands/veinlets. Short barren pegmatitic quartz veins.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Ocassional quartz eye										
269.71	**271.06**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein** milky white massive QV2 with dm-thick sections of FGS as described above; QV has a few pink Fsps partic on contacts and along internal fractures; coarse to very coarse; upper contact somwhat irreg (average orient messured here); no sulphides	C69907 C69908	269.71 270.28	270.28 271.06	0.57 0.78	0.006 0.003	AGAT_FAICP AGAT_FAICP		
271.06	**276.94**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey mod fol FGS with frequ qtz eyes; weak fine to med bio; weak fine to med dissem anh py; upper contact sharp	C69909	271.06	272	0.94	0.01	AGAT_FAICP		
276.94	**282.19**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** pink whitish coarse to very coarse massive PEG with dm-thick section of FGS as described above; minor roundish patches of py scattered throughout; upper contact irreg								
282.19	**293.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med mod fol light grey FGS; weak fine to med bio; ocassional ser/ksp haloes along qtz-carb hairline stringers; traces of fine anh dissem py; upper contact is diffuse; from 291.71 to end of interval strongy ksp alt and flt-fracs with pseudotachylite								
293.10	**294.80**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coare pink PEG with cm- to dm- thick irreg slivers of pink fine to med FGS; some very coarse booklets of bio in PEG; both strongly KSp alt; part of flt-fract zone; upper contact sharpish along one of the pseudotachyl fracs; minor roundish patches of py up to 0.8cm in size								
294.80	**316.05**	**(FGS) Felsic Gneiss Sedimentary, ( )** light grey weakly to mod fol gine to med FGS with some patches and stringers of whitish QF that are often fol parallel; weak fine to med bio; upper contact sharp on one of the fract of the fracuture zone above this unit; weak fine dissem anh py								
316.05	**319.95**	**(QFP) Quartz Feldspar Porphyry, ( )** fine to coarse mod fol strongly por pink-grey QFP; mod to stronly perv KSp alt; very freq coarse qtz and fsp por; mod med bio and weak fine to med am; traces of fine dissem anh py;								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
upper contact is sharp; roughly fol parallel AMP band at 319.22-319.42										
319.95	**320.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
pink with some white coarse to very coarse PEG; some patches irreg of Py and Po up to 1.2 cm in size; minor coarse bookletts of bio; upper contact sharp										
320.30	**322.63**	**(QFP) Quartz Feldspar Porphyry, ( )**								
fine to coarse mod fol strongly por pink-grey QFP; mod to stronly perv KSp alt; very freq coarse qtz and fsp por; mod med bio and weak fine to med am; traces of fine dissem anh py; upper contact is sharp										
322.63	**323.12**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine dark grey lamp with 1-2cm light greenish margins at contact; frequ mm-sized semi-angular carb patches; upper contact sharp										
323.12	**324.00**	**(QFP) Quartz Feldspar Porphyry, ( )**								
fine to coarse mod fol strongly por pink-grey QFP; mod to stronly perv KSp alt; very freq coarse qtz and fsp por; mod med bio and weak fine to med am; traces of fine dissem anh py; upper contact is sharp										
324.00	**325.31**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine dark grey lamp with 2-3cm light greenish margins at contact; frequ mm-sized semi-angular carb patches; upper contact sharp										
325.31	**335.38**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C69910	334.8	335.38	0.58	0.022	AGAT_FAICP		
FGS; fine to med; weakly to mod fol; stronger fol below 331; weak to mod qtz eye tex also stronger below 331; mostly light grey but relative freq pink Ksp alt haloes; weak fine to med bio; weak fine dissem anh py; upper contact is sharp										
335.38	**336.24**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein**	C69911	335.38	336.24	0.86	0.01	AGAT_FAICP		
white coarse to very coarse mas QV2 with some pink fsp at margins and along internal fract; cm-sized/thick slivers of FGS as described above; minor med irreg py										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
336.24	**351.48**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C69913	336.24	337	0.76	0.031	AGAT_FAICP		
fine to med mod fol light grey to slightly pinkish FGS; qtz eyes partic above 339; pinkish where there are KSP haloes throughtout; weak fine to med bio and am; weak fine dissem anh py; upper contact sharp; rare QF patches and stringers; mod to strong ser alt at 338.5 to 339.5			C69914	337	337.7	0.7	0.022	AGAT_FAICP		
351.48	**353.75**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Continuation of previous FGS unit. Strong sericitic alteration via shallow angled veinlet from 354.90 - 353.00m's. Low sulphide content with pyrite as the main constituent. Variable background amphibole content.										
353.75	**354.10**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Milky white barren QV2 with poorly formed k-spar. Weak amphibole. Very low sulphide content										
354.10	**370.57**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Coarse grained FGS with numerous quartz eyes observable. Very low sulphide content with pyrite as the main variety. Variable background amphibole content ranges from 0.5 - 1.5 %. Moderate to strong potassic alteration via stringers and halos. Weak to moderate sericitic alteration via sporadic veinlets. Weak to moderate foliation fabric. Short QV2 contained from 359.98 - 360.17 with a few massive pyrite specimens (nothing too exciting see veining tab).										
370.57	**372.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Lamprophyre contains fine to medium grained xenoliths and vesicles. Short chill margins at upper and lower contacts.										
372.30	**394.24**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS contains moderate to strong potassic alteration via sporadic stringers/veinlets/bands/halos and dissemination. Weak to moderate sericitic alteration is also present in the form of moderate angled veinlets. Very low sulphide content. Variable background amphibole content ranging from fine grained dissemination to large aggregates. Foliation fabric is weak to moderate throughout unit. Minor quartz flooding in some areas but no increase in sulphides. Quartz eyes are common.										
394.24	**419.66**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
fine to med weakly to mod fol FGS with qtz eyes; light grey; weak fine to med bio; weak variable fine to med am with sections of higher am content such as 406.45-411; weak fine dissem anh py; continuation of unite above; more or less KFsp haloes along Qtz and qtz-carb stringers and fractures with stronger devellped sections at 394.76-402.43 and										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
408.3-411; weak fracture/brx zone at 396.15-396.38										
419.66	**422.49**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**								
am por DIO? or FGS; mod frequ med am por; weak fine to med bio; weakly to mod fol; grey; minor KSsp haloes; upper contact weak but seems to be sharp alon fol; weak dissem anh py										
422.49	**426.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
fine to med weakly to mod fol FGS with qtz eyes; light grey; weak fine to med bio; weak variable fine to med am; weak fine dissem anh py; weak alteration by KFsp haloes along Qtz and qtz-carb stringers and fractures; upper contact weak but seems to be sharp and slightly shallower than fol										
426.80	**427.10**	**(UMD) UM\LAMP Dike, ( )**								
fine mas dark grey lamp with freq semi-angular carb patches up to 0.8cm in size; upper contact sharp										
427.10	**438.66**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
fine to med weakly to mod fol FGS with qtz eyes; light grey; weak fine to med bio; weak variable fine to med am; weak fine dissem anh py; weak alteration by KFsp haloes along Qtz and qtz-carb stringers and fractures; upper contact sharp										
438.66	**441.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine massive dark grey lamp with freq semiang to irreg carb patches; upper contact sharp										
441.40	**445.41**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
fine to med weakly to mod fol FGS with qtz eyes; light grey; weak fine to med bio; weak variable fine to med am; weak fine dissem anh py; upper contact sharp; upper zone from 441.40 to 442.84 with abund fol parallel slivers of Lamp from mm-thickness up to 5cm thick										
445.41	**445.77**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
fine massive dark grey lamp with freq semiang to irreg carb patches; upper contact sharp										
445.77	**457.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
fine to med weakly to mod fol FGS with qtz eyes; light grey; weak fine to med bio; weak										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
variable fine to med am; weak fine dissem anh py; upper contact sharp										
457.60	**458.58**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
fine to coarse greenish weakly to mod fol weakly porphyroblastic AMPIN; med to coarse POBI weak fine to med bio; upper contact sharp; weak dissem anh fine py										
458.58	**459.55**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained FGS with variable background amphibole content. Barren QV2 contained at upper contact (see veining tab). Partial melt patches present. Low sulphide content throughout. Moderate to strong chloritic alteration at upper contact with barren QV2. Weak to moderate foliation fabric.										
459.55	**459.85**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
QV2 contains moderate sulphide content with several massive pyrites present. Massive amphibole specimens also present. Weak riebeckite presence. Minor CPX.										
459.85	**467.77**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS contains variable background amphibole content ranging from low disseminated amp to large amphibolite pods/aggregates. May of been classified as a DIOAM historically. Moderately low sulphide content with pyrite as the main constiuent. Small sections of partial melts present without increase in sulphide content. Thin high angled bands of weak to moderate potassic alteration crosscut the unit. Weak to moderate chloritic alteration via dissemination. Foliation fabric is weak to moderate throughout. Weak to moderate F1 (tight) folding signatures.										
467.77	**468.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
UMD-Lamprophyre with fine to medium sized xenoliths and vesicles. Upper and lower chill margins present.										
468.70	**473.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS contains variable background amphibole content ranging from low disseminated amp to large amphibolite pods/aggregates. May of been classified as a DIOAM historically. Moderately low sulphide content with pyrite as the main constiuent. Small sections of partial melts present without increase in sulphide content. Thin high angled bands of weak to moderate potassic and sericitic alteration crosscut the unit. Weak to moderate chloritic alteration via dissemination. Foliation fabric is weak to moderate throughout. Weak to moderate F1 (tight) folding signatures. Thin lamprophyre contained at 471.50.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

473.90 474.92 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre contains fine to medium grained xenoliths and vesicles. Upper and lower chill margins contain moderate to strong chloritic and riebeckite alteration

474.92 475.36 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse grained pegmatite Qtz50%/K-spar30%/Bio10%. Low sulphide content overall with a couple medium grained pyrite specimens. Weak to moderate chloritic alteration via veinlets/dissemination from proximal UMD.

475.36 483.50 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains variable background amphibole content ranging from low disseminated amp to large amphibolite pods/aggregates. May of been classified as a DIOAM historically. Moderately low sulphide content with pyrite as the main constiuent. Small sections of partial melts present without increase in sulphide content. Thin high angled bands of weak to moderate potassic alteration crosscut the unit. Weak to moderate chloritic alteration via dissemination. Foliation fabric is weak to moderate throughout.

483.50 485.22 (DIO) Diorite, (DIOAM) Diorite with amphibole

Unit contains moderately formed qtz phenocrysts with a moderate background amphibole content. Phenocrysts range from 0.1 - 3.5 mm's in size and are mainly sub rounded. Unit is gradational throughout. Overall unit appears as a coarse FGS with moderate amphibole but with sharp upper and lower contacts it increases its potential as an intrusive. Unit still lacks pristine phenocrysts and homogenous texture.

485.22 486.66 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains numerous quartz eyes. Very low sulphide content. Strong potassic alteration 484.60-484.95 via pervasive/dissemination types. Weak to moderate sericitic alteration via high angled veinlets.

486.66 487.07 (PEG, AMP) Pegmatite, Amphibolite, (PEGQZ) Quartz Pegmatite (>90% quartz)

Intermixed quartz rich pegmatite with amphibolite. Quartz is opaque to translucent with weak sulphide content. Pyrite is the dominant sulphide present. Weak K-spar content.

487.07 501.90 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains several QV2 veins (see veining tab). Background amphibole content is highly variable throughout unit with ocassional amphibole aggregates. Weak to moderate sericitic

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

alteration via moderate angled veinlets. Moderate to strong potassic alteration via halos and veinlets. Sulphide content is weak with pyrite as the main constituent. Foliation fabric ranges from weak to moderate.

501.90 510.50 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Fine grained FGS. Very fine biot porphs; 5-10%; dissem; <1mm. Varying amp content; porphyroblastic to nebulous texture; 0-10%. Trace fine dissem sulfs: Py>Po; <1mm xls; subhedral; up to 2% locally. Minor K halos surrounding late high-angle qz-cb veinlets; planar; <1cm.

510.50 511.60 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Very fine grained AMP. Nebulous/melt texture. Dark green with abundant light green epidote patches; cm scale <5cm; amorphous. Elevated sulfs relative to enclosing units. Overall 3% Py-Po; very fine clots and dissem xls; <2mm. Assymetric contacts; weakly deformed; gradational.

511.60 515.27 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Siliceous. Coarse cm scale amp blebs in aphanitic quartzose groundmass. 15% amp. Trace biot. Trace Py-Po in loose localized colonies; locally 1% over 5cm. Appears silicified.

515.27 557.40 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Massive. Med to coarse grained. Dark mm scale amp-biot porphs in light grey groundmass. 5% dissem blue labradorite. Combined 30% biot>amp; subhedral xls and aggregates; mm scale. Minor subhedral muscovite; 2%; <3mm. Trace Py; dissem; very fine grained. Patchy K alt throughout; locally strong over dm scale segments. Occasional dm scale massive qz-fspar veins with significant Kspar alt; concordant; gently folded; overall <2%. Significant intersitial and mycelial cpx in strongly K altered segments; often frac controlled.

557.40 558.20 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Aphanitic dark green-grey UMD. Pale green altered margins. No vis sulfs. Occasional carb veinlets.

558.20 602.58 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Upper contact not oriented. Same as prev FGS. Massive to weakly foliated; locally moderately foliated. Med to coarse grained. Dark mm scale amp-biot porphs in light grey

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

groundmass. 5% dissem blue labradorite; <3mm; subround. Combined 30% biot>amp; subhedral xls and aggregates; mm scale. Minor subhedral muscovite; 2%; <3mm. Trace Py; dissem; very fine grained. Patchy K alt throughout; cm scale amorphous patches; more commonly as minor halos surrounding veinlets and microfracs. Occasional cm scale qz-fspar veins <3cm true thickness; tightly folded; overall <1%; trace Py. Occasional AMP clasts throughout; equant to strongly elongate; cm scale <10cm.

602.58 603.24 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Aphanitic dark brown groundmass hosting fine plag porphs (<2mm; anhedral; 10%) and occasional coarse xenos (host rock composition; angular; <2cm). Aphanitic pale green altered margins. No vis sulfs.

603.24 609.25 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous. Massive to weakly foliated; locally moderately foliated. Med to coarse grained. Dark mm scale amp-biot porphs in light grey groundmass. 5% dissem blue labradorite; <3mm; subround. Combined 30% biot>amp; subhedral xls and aggregates; mm scale. Minor subhedral muscovite; 2%; <3mm. Trace Py; dissem; very fine grained. Patchy K alt throughout; cm scale amorphous patches; more commonly as minor halos surrounding veinlets and microfracs. Occasional cm scale qz-fspar veins <3cm true thickness; tightly folded; overall <1%; trace Py. Occasional AMP clasts throughout; equant to strongly elongate; cm scale <10cm.

609.25 610.02 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Massive qz-plag vein with intense patchy/selective pink K alteration througout. Qz is translucent grey. Minor fie biot; frac controlled; euhedral xls <5mm. No vis sulfs.

610.02 610.55 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

See previous FGS.

610.55 610.95 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Aphanitic dark brown groundmass hosting fine plag porphs (<2mm; anhedral; 10%) and occasional coarse xenos (host rock composition; angular; <2cm). Aphanitic pale green altered margins. No vis sulfs.

610.95 613.65 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Fine grained; strongly silicified; massive FGS. Fine grained to aphanitic groundmass hosting 10% fine biot porphs (subhedral); dissem; and <5% fine amp porphs (anhedral; <5mm). No

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

vis sulfs. Faint patchy K alt throughout. <1% vein density; late; planar; discordant; qz-cb; <5mm.

613.65 614.35 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

Porphyroblastic UMD with a minor interval of pegmatitic FGS. UMD is dark grey-green; aphanitic groundmass with 20% fine plag porphs (<2mm) and 5% dark subround xenos near lower contact. Intervening FGS "xenolith" is strongly altered; coarsely equigranular <3mm xls; amalgam of qz-plag-Kspar-amp-biot. No vis sulfs throughout..

614.35 632.07 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Moderately silicified. Fine grey groundmass with fine biot-amp porphs; combined 15%; <2mm; subhedral. Trace vis sulfs; Py; <1mm; subhedral; slightly elevated proximal to qz veins. Patchy; diffuse K alt throughout. Low vein density; ~1%; <3cm true thickness; often tightly folded to ptygmatic; suggests larger scale fold hinge. Foliation development intensifies downhole; highlighted by pink-yellow K alt assoc with microfracs. Apparent strain intensity increased realtive to prev intervals.

632.07 632.40 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Massive opaque white qz vn with minor Kspar. Aphanitic. No vis sulfs.

632.40 639.82 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS. As previous. Fine grey groundmass with fine biot-amp porphs; combined 15%; <2mm; subhedral. Trace vis sulfs; Py; <1mm; subhedral; slightly elevated proximal to qz veins. Patchy; diffuse K alt throughout. Low vein density; ~2%; <5cm true thickness; qz-kspar; often pegmatitic; typically foliation concordant; planar to moderately deformed.

639.82 643.10 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Orientation lost. Grey FGS with 20% subround QZE; <5mm; dissem; occasionally weakly elongated parallel to foliation. 15-20% fine biot; mm scale; alignment imparts moderate foliaiton. Dissem amp; mm scale; dissem; green; 5%. Trace fine dissem Py; subhedral; <1mm. Moderate to strong silicification; pervasive. No veining.

643.10 643.55 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown aphanitic groundmass. Numerous fractures healed with white carb. No vis sulfs. Strongly magnetic. Pale green altered margins.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

643.55 644.80 (FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone

As previous. Strongly silicified. Weakly bleached. Grey FGS with 20% subround QZE; <5mm; dissem; occasionally weakly elongated parallel to foliation. 15-20% fine biot; mm scale; alignment imparts moderate foliaiton. Dissem amp; mm scale; dissem; green; 5%. Trace fine dissem Py; subhedral; <1mm. Moderate to strong silicification; pervasive. No veining.

644.80 645.67 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD as previous. Weakly brecciated; healed with dark cement; uncertain comp. No vis sulfs. Carbonate veinlets as prev. Strongly magnetic. Pale green altered margins.

645.67 649.88 (FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone

FGS as previous. Amp content weakly elevated relative to previous FGS; present as mm scale porphs and occasional cm scale clasts. Grey FGS with 20% subround QZE; <5mm; dissem; occasionally weakly elongated parallel to foliation. 15-20% fine biot; mm scale; alignment imparts moderate foliaiton. Dissem amp; mm scale; dissem; green; 10%. Trace fine dissem Py; subhedral; <1mm. Moderate to strong silicification; pervasive. No veining.

649.88 652.05 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark grey-brown aphanitic groundmass with 10% fine plag porphs; anhedral; dissem. No vis sulfs. Weakly magnetic. Contact halo is missing; pale green margins are absent.

652.05 653.17 (FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone

FGS mostly as previous; lacks QZE. Occaisonal bleached segments; <20cm. All else as previous FGS

653.17 653.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Aphanitic dark brown groundmass with 30% plag porphs; <5mm; subround. Laminated margins; weakly altered pale green-brown. No vis sulfs.

653.50 663.50 (FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone

Grey FGS with 20% subround QZE; <5mm; dissem; occasionally weakly elongated parallel to foliation. 15-20% fine biot; mm scale; alignment imparts moderate foliaiton. Dissem amp;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		mm scale; green; 10%; present as mm scale porphs and as cm scale AMP clasts. Trace fine dissem Py; subhedral; <1mm. Moderate to strong silicification; pervasive. 1% qz vein density; cm scale <5cm; often deformed/discontinuous; no vis sulfs; minor fspar and biot. Chaotic microfracs are common; with narrow pink-green alt halos. Silicification becomes intense downhole.								
663.50	**667.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Gradational contact with uphole FGS. Very fine grained FGS. Minor fine biot-amp porphs in aphanitic siliceous groundmass. Intensely silicified. Elevated sulfide content relative to previous FGS. 0.5% Py; dissem; <1mm; subhedral. Minor to moderate K alt present as narrow pink-yellow halos surrounding veins and microfracs; also as fine foliation aligned stringers. 2% vein density; pegmatitic; cm scale <5cm; deformed; diffuse margins.								
667.45	**667.92**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical UMD. Aphanitic dark grey-brown groundmass with minor interstitial carb; 20% fine porphs (undetermined comp) subangular. Pale green altered margins. No vis sulfs.								
667.92	**678.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Very fine grained FGS. Minor fine biot-amp porphs in aphanitic siliceous groundmass. 0.5% Py; dissem; <1mm; subhedral. Moderate to strong K alt present as narrow pink-yellow halos surrounding veins and microfracs; also as fine foliation aligned stringers; locally intense alt nebulae in dm scale smokey qz veins. 2% vein density; pegmatitic; cm to dm scale <30cm; planar to weakly deformed. Minor diffuse patchy epidote alt approaching lower contact.	C69915	674	675	1	0.018	AGAT_FAICP		
			C69916	675	676	1	0.06	AGAT_FAICP		
			C69917	676	677	1	0.014	AGAT_FAICP		
			C69919	677	678	1	0.014	AGAT_FAICP		
678.00	**683.83**	**(FGG) Felsic Gneiss Granitic, ( )** Siliceous aphanitic grey groundmass with very fine dissem biot; 10%; <1mm. Minor amp poprhs; dissem; <1mm. 10% fine musc; dissem; <1mm; subhedral. Local cm scale. Strongly silicified throghout. Localy intense pink K alt; cm scale; <10cm; comingled with green patches (possible cpx?). Minor diffuse patchy epidote alt thorughout; elevated proximal to veins. Narrow yellow-pink halos surrounding microfracs and late planar qz-cb veinlets. Low vein density overall; 2%; comprises cm scale amorphous qz-plag masses and mm scale chaotic planar veinlets. Trace dissem Py throughout; <1mm; subbhedral. Weakly to modeately foliated.	C69920	678	679	1	0.026	AGAT_FAICP		
			C69921	679	680	1	0.015	AGAT_FAICP		
			C69922	680	681	1	0.015	AGAT_FAICP		
			C69923	681	681.45	0.45	0.013	AGAT_FAICP		
			C69924	681.45	682.2	0.75	0.005	AGAT_FAICP		
			C69925	682.2	683	0.8	0.012	AGAT_FAICP		
			C69927	683	683.83	0.83	0.014	AGAT_FAICP		
683.83	**684.51**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical UMD. Aphanitic dark grey-brown groundmass with 10% mm scale round plag porphs. Pale green altered margins. No vis sulfs.	C69928	683.83	684.51	0.68	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
684.51	**691.40**	**(FGG) Felsic Gneiss Granitic, ( )** Siliceous aphanitic grey groundmass with very fine dissem biot; 10%; <1mm. Minor amp poprhs; dissem; <1mm. 20% fine to coarse musc; dissem; <5mm; subhedral. Coarseness of musc distinguishes this interval from prec FGG. Strongly silicified throghout. Locally strong pink K alt; cm scale; <10cm. Narrow yellow-pink halos surrounding microfracs and late planar qz-cb veinlets. Low vein density overall; 2%; comprises cm scale amorphous qz-plag masses and mm scale chaotic planar veinlets. Trace dissem Py throughout; <1mm; subbhedral. Weakly to moderately foliated. Occasional pegmatitic segments comprising comingled cm scale blebs of qz and pink Kspar with significant coarse muscovite.	C69929	684.51	685	0.49	0.037	AGAT_FAICP		
			C69930	685	686	1	0.027	AGAT_FAICP		
			C69931	686	687	1	0.019	AGAT_FAICP		
			C69933	687	688	1	0.006	AGAT_FAICP		
			C69934	688	689	1	0.012	AGAT_FAICP		
			C69935	689	690	1	0.025	AGAT_FAICP		
			C69936	690	690.69	0.69	0.014	AGAT_FAICP		
			C69937	690.69	691.4	0.71	0.022	AGAT_FAICP		
691.40	**691.98**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Aphanitic dark brown-grey groundmass with 10% very fine hem porphs; possible altered magnetite; magnetism restricted to this portion; remainder of UMD is pale green and non-magnetic. Thick pale green upper contact. No vis sulfs.	C69939	691.4	691.98	0.58	0.005	AGAT_FAICP		
691.98	**701.62**	**(FGG) Felsic Gneiss Granitic, ( )** Fine grained FGG. Moderate foliation development. Fine dissem musc; 10%; <1mm discrete xls. Trace fine dissem Po-Py; subhedral; <2mm xls/aggs; localized in loose colonies. Decimeter scale bleached segments; apparently foliation controlled. 10% fine dissem biot; <1mm xls. Trace to absent amp; <1mm. Occ microfracs with narrow yellow-pink K alt halos. No significant veining. Occasional dm scale pegmatitic segments; equigranular; silicious; comingled qz-plag-Kspar with minor coarse dissem biot.	C69940	691.98	693	1.02	0.033	AGAT_FAICP		
			C69941	693	694	1	0.011	AGAT_FAICP		
			C69942	694	695	1	0.008	AGAT_FAICP		
			C69943	695	696	1	0.012	AGAT_FAICP		
			C69944	696	697	1	0.011	AGAT_FAICP		
			C69945	697	698	1	0.021	AGAT_FAICP		
			C69947	698	699.12	1.12	0.022	AGAT_FAICP		
			C69948	699.12	700	0.88	0.024	AGAT_FAICP		
			C69949	700	700.58	0.58	0.032	AGAT_FAICP		
			C69950	700.58	701.62	1.04	0.044	AGAT_FAICP		
701.62	**702.20**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Intensely K altered qz-fspar vein. Centimeter scale xls. 60% smokey qz; 40% fspar. Diffuse gradational contacts. Trace subhedral Py. Trace dissem musc.	C69951	701.62	702.2	0.58	0.196	AGAT_FAICP		
702.20	**706.58**	**(FGG, FGG) Felsic Gneiss Granitic, Felsic Gneiss Granitic, ( )** Apparent partial melting of FGG resulting in comingled FGG and pseudo-pegmatitic segment. Foliation weakly preserved in pegmatitic segments. Strong K alt and silicification throughout. 20% coarse musc; mm scale aggs <1cm. 10% blebby plag; <1cm; subround; anhedral. Very fine dissen biot; <1mm; 10%. Sulfs mostly absent but coarse dissem Po-Py present proximal to lower contact with major qz vein.	C69953	702.2	703.23	1.03	0.048	AGAT_FAICP		
			C69954	703.23	704	0.77	0.082	AGAT_FAICP		
			C69955	704	705	1	0.056	AGAT_FAICP		
			C69956	705	706	1	0.074	AGAT_FAICP		
			C69957	706	706.58	0.58	0.083	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
706.58	**707.06**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive pegmatitic qz-fspar vein with deformed contacts. Strong K alt proximal to upper contact. Mostly translucent smokey qz with minor epidote and opaque white plag. Very coarse biot aggs; cm scale; lenticular; 15%. Frac controlled hackly Po-Py masses; mm scale; 2%.	C69959	706.58	707.06	0.48	0.057	AGAT_FAICP		
707.06	**709.70**	**(FGG, FGG) Felsic Gneiss Granitic, Felsic Gneiss Granitic, ( )** FGG as previous. Very coarse musc aggs; cm scale <2cm; lenticular; 20%. Strong K alt and silic throughout. Minor blebby white plag throughout. Minor diffuse patchy epidote throughout. Localized loose colonies subhedral Po-Py xls; <2mm; 3% over 10cm; trace overall.	C69960	707.06	708	0.94	0.19	AGAT_FAICP		
			C69961	708	709	1	0.196	AGAT_FAICP		
			C69962	709	709.7	0.7	0.269	AGAT_FAICP		
709.70	**711.29**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained foliated FGS. Intense yellow-pink K alt bands; distinct contacts; foliation concordant; also present as narrow halos surrounding occasional microfracs. No vis sulfs. 5% barren foliaiton concordant veining. Strong silicification assoc with K alt banding. 20% fine dissem biot.	C69963	709.7	710.7	1	0.24	AGAT_FAICP		
			C69964	710.7	711.29	0.59	0.06	AGAT_FAICP		
711.29	**713.00**	**(FGG) Felsic Gneiss Granitic, ( )** FGG as previous. Very coarse musc aggs; cm scale <2cm; lenticular; 20%. Strong K alt and silic throughout. Minor blebby white plag throughout. Minor diffuse patchy epidote throughout. Localized loose colonies subhedral Po-Py xls; <2mm; 3% over 10cm; trace overall.	C69965	711.29	712	0.71	0.199	AGAT_FAICP		
			C69967	712	713	1	0.279	AGAT_FAICP		
713.00	**714.47**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained FGS with fine elongate biot porphs. 20% biot; mm scale; alignment imparts foliation; mostly <1mm with lesser elongate porphs. Py trace to absent; very fine grained; dissem. Weakly silicified.	C69968	713	714	1	0.135	AGAT_FAICP		
			C69969	714	714.47	0.47	0.124	AGAT_FAICP		
714.47	**720.20**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Qz-rich PEG with cm scale euhedral Kspar and biot megacrysts (<5cm). Occasional dm scale barren qz segments. Minor occurrence of unidentified laminated "clasts"; angular; cm scale; cherty. Trace isolated Py blebs; anhedral; mm scale. Musc/clay alteration rims surrounding biot.	C69970	714.47	715	0.53	0.043	AGAT_FAICP		
			C69971	715	716	1	0.019	AGAT_FAICP		
			C69973	716	717	1	0.055	AGAT_FAICP		
			C69974	717	718	1	0.006	AGAT_FAICP		
			C69975	718	719	1	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69976	719	719.7	0.7	0.006	AGAT_FAICP		
			C69977	719.7	720.2	0.5	0.004	AGAT_FAICP		
720.20	**721.42**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Intensely altered FGS. Pervasive yellow-pink K alt and silicification. Dissem mm scale amp porphs; elongate; aligned; 20%. No vis sulfs.	C69979	720.2	721	0.8	0.015	AGAT_FAICP		
			C69980	721	721.42	0.42	0.008	AGAT_FAICP		
721.42	**723.61**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained FGS with fine elongate biot porphs. 20% biot; mm scale; alignment imparts foliation; mostly <1mm with lesser elongate mm scale porphs. Py trace to absent; very fine grained; dissem. Weakly silicified. Alteration (K; silic) intensifies near lower contact.	C69981	721.42	722	0.58	0.546	AGAT_FAICP		
			C69982	722	723	1	0.109	AGAT_FAICP		
			C69983	723	723.61	0.61	1.23	AGAT_FAICP		
723.61	**745.54**	**(FGG) Felsic Gneiss Granitic, ( )** Heterogeneous FGG. Varying texture: fine grained and massive to porphyritic. Numerous cm to dm scale "pegmatitic" segments comprising comingled qz-plag-Kspar with minor biot-musc; xls/aggs <1cm; primary texture is preserved; contacts are gradational and foliation concordant. Typical FGG segments comprise 20% fine dissem biot in apahnitic siliceous groundmass. Varying musc content throughout; 5-20%; dissem; fine to coarse grained; <1cm. Trace sulfs dissem throughout; rare loose colonies of hackly Po aggs; up to 5% over 5cm. Rare cm to dm scale veins; barren; opaque white qz; concordant and discordant examples; occaisonal epidote rims; 2% overall vein density. Overall strong alteration; pervasive silic and patchy/selective pink-yellow K alt. Weak to moderate foliation throughout.	C69984	723.61	724.45	0.84	0.32	AGAT_FAICP		
			C69985	724.45	725.22	0.77	0.159	AGAT_FAICP		
			C69987	725.22	726	0.78	0.195	AGAT_FAICP		
			C69988	726	726.9	0.9	0.207	AGAT_FAICP		
			C69989	726.9	727.7	0.8	0.209	AGAT_FAICP		
			C69990	727.7	728.3	0.6	0.065	AGAT_FAICP		
			C69991	728.3	729	0.7	0.055	AGAT_FAICP		
			C69993	729	730	1	0.088	AGAT_FAICP		
			C69994	730	731	1	0.035	AGAT_FAICP		
			C69995	731	731.9	0.9	0.037	AGAT_FAICP		
			C69996	731.9	732.38	0.48	0.064	AGAT_FAICP		
			C69997	732.38	733	0.62	0.028	AGAT_FAICP		
			C69999	733	733.7	0.7	0.044	AGAT_FAICP		
			C70000	733.7	734.2	0.5	0.048	AGAT_FAICP		
			C64001	734.2	735	0.8	0.124	AGAT_FAICP		
			C64002	735	736	1	0.061	AGAT_FAICP		
			C64003	736	737	1	0.034	AGAT_FAICP		
			C64004	737	738	1	0.057	AGAT_FAICP		
			C64005	738	739	1	0.032	AGAT_FAICP		
			C64007	739	740	1	0.015	AGAT_FAICP		
			C64008	740	741	1	0.035	AGAT_FAICP		
			C64009	741	742	1	1.25	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64010	742	742.5	0.5	0.069	AGAT_FAICP		
			C64011	742.5	743	0.5	0.19	AGAT_FAICP		
			C64013	743	743.73	0.73	0.043	AGAT_FAICP		
			C64014	743.73	744.05	0.32	0.053	AGAT_FAICP		
			C64015	744.05	745	0.95	0.146	AGAT_FAICP		
			C64016	745	745.54	0.54	0.064	AGAT_FAICP		
745.54	**758.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64017	745.54	746	0.46	0.476	AGAT_FAICP		
Characterized by intense foliaiton imparted by alignment of coarse desnely packed euhedral biot xls. Occ cm scale qz boudin/augen; exhibiting minor apparent rotation. Several dm scale segmentst comprising strong qz flooding and K-albite-sericite alteration. Local intense Po-Py mineralization forming mm scale lenticular fol concordant stringers; 7% over 10cm. Dissem plag porphs; <1cm; subround to elongate. Biot forms dense fol-concordant stringers; also coarse and dissem. Varying garnet; subhedral; <5mm; absent to dense colonies comprising 40% over 5cm. No vis amp.			C64019	746	746.5	0.5	0.246	AGAT_FAICP		
			C64020	746.5	747	0.5	1.62	AGAT_FAICP		
			C64021	747	747.5	0.5	0.034	AGAT_FAICP		
			C64022	747.5	748	0.5	0.264	AGAT_FAICP		
			C64023	748	748.5	0.5	0.455	AGAT_FAICP		
			C64024	748.5	749	0.5	0.131	AGAT_FAICP		
			C64025	749	750	1	0.044	AGAT_FAICP		
			C64027	750	751	1	0.046	AGAT_FAICP		
			C64028	751	752	1	0.041	AGAT_FAICP		
			C64029	752	753	1	0.094	AGAT_FAICP		
			C64030	753	754	1	1.19	AGAT_FAICP		
			C64031	754	755	1	0.033	AGAT_FAICP		
			C64033	755	756	1	0.015	AGAT_FAICP		
			C64034	756	757	1	0.026	AGAT_FAICP		
			C64035	757	758	1	0.019	AGAT_FAICP		
758.00	**759.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64036	758	759	1	0.009	AGAT_FAICP		
Gradational contact with GBFG above. Interval likely represents gradation (coarsening downhole) of sedimentary protolith (GBFG>FGS>QFP = argillite>psammite>conglom). Significant attenuation of biot; 10-15%; dissem; <1mm. Moderately foliated throughout. Fine dissem Po-Py throughout; <1mm; subhedral. No significant veining. Gradational lower contact with QFP.			C64037	759	759.3	0.3	0.034	AGAT_FAICP		
759.30	**762.98**	**(QFP) Quartz Feldspar Porphyry, ( )**	C64039	759.3	760	0.7	0.018	AGAT_FAICP		
coarse-grained dark grey quartz-phenocrystic quartz-feldspar-biotite unit with intermittent sericitized patches and alteration envelopes on quartz-carbonate veinlets; localized reheating evidenced by irregular quartz veins and patches with sericite altered margins			C64040	760	760.7	0.7	0.009	AGAT_FAICP		
			Z22300	762	762.98	0.98	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z22301	761.6	762	0.4	0.006	AGAT_FAICP		
			Z22302	760.7	761.6	0.9	0.01	AGAT_FAICP		
762.98	**763.29**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** altered wallrock-incorporative quartzofeldspathic melt with interstitial biotite-rich wallrock bands and minor disseminated pyrite; sericitized contacts; first 60 cm of following GBFG unit could be classified as quartz vein but is irregular patchy melt with no sensible orientation so included in GBFG instead	Z22299	762.98	763.29	0.31	0.458	AGAT_FAICP		
763.29	**765.10**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** grey and black coarse-grained GBFG defined by increased strain shown through elongated biotite grains and banding; minor disseminated Py and low abundance of sporadic almandine garnet porphyroblasts; tiny hairline quartz-carobnate veinlets less than 1 mm wide spread across parts of unit with trace sericitic alteration haloes	Z22294	764.5	765.1	0.6	0.209	AGAT_FAICP		
			Z22295	764	764.5	0.5	0.069	AGAT_FAICP		
			Z22296	763.61	764	0.39	0.167	AGAT_FAICP		
			Z22297	763.29	763.61	0.32	0.143	AGAT_FAICP		
765.10	**765.90**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** coarse-grained intense sericite and chlorite alteration zone in GBFG; moderate to strong strain with alternating greenish-grey and beige bands; intrusive granitic pegmatite distorting strain orientation in centre of altered section	Z22293	765.1	765.9	0.8	0.448	AGAT_FAICP		
765.90	**772.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained moderately-foliated quartz-feldspar groundmass with elongated amphibole and biotite crystals defining the foliation; fluctuation in quartz grain recrystallization left waxing and waning porphyritic fabric that comes and goes; patch of small emerald-green epidote grains; moderate to strong invasive sericitic and potassic alteration envelopes on meandering quartz-carbonate veinlets	Z22284	772	772.6	0.6	0.009	AGAT_FAICP		
			Z22285	771	772	1	0.007	AGAT_FAICP		
			Z22287	770	771	1	0.009	AGAT_FAICP		
			Z22288	769	770	1	0.015	AGAT_FAICP		
			Z22289	767.5	769	1.5	0.019	AGAT_FAICP		
			Z22290	767	767.5	0.5	0.006	AGAT_FAICP		
			Z22291	765.9	767	1.1	0.036	AGAT_FAICP		
772.60	**773.28**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** massive watery light grey quartz vein with interstitial pink feldspar grains marking quartz grain boundaries; diffuse wallrock-incorporative contacts over 10 cm with surrounding units	Z22283	772.6	773.28	0.68	0.01	AGAT_FAICP		
773.28	**779.87**	**(QFP) Quartz Feldspar Porphyry, ( )** coarse-grained grey low-temperature quartz regrowth phenocrysts separated by interwoven	Z22275	779	779.87	0.87	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		foliated bands of elongate amphibole and biotite crystals; diffuse siliceous quartz and wall-rock blended upper transitional contact over 33 cm with overlying quartz-feldspar vein; trace potassic and weak sericitic alteration haloes on hairline quartz-carbonate veinlets; intense potassic-sericitic alteration patch from 776.9 m to 777.44 m depth not included in alteration tab	Z22276	778	779	1	0.009	AGAT_FAICP		
			Z22277	777	778	1	0.011	AGAT_FAICP		
			Z22279	775.5	777	1.5	0.006	AGAT_FAICP		
			Z22280	774	775.5	1.5	0.006	AGAT_FAICP		
			Z22281	773.62	774	0.38	0.166	AGAT_FAICP		
			Z22282	773.28	773.62	0.34	0.292	AGAT_FAICP		
779.87	**781.17**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z22273	780.5	781.17	0.67	0.002	AGAT_FAICP		
		medium-grained dark grey and greenish-beige intrusive lamprophyre dyke with abundant sub-angular xenoliths and carbonate-rich matrix; sharp greenish sericitized contacts	Z22274	779.87	780.5	0.63	0.007	AGAT_FAICP		
781.17	**796.63**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z22257	795.5	796.63	1.13	0.01	AGAT_FAICP		
		coarse-grained moderate to strongly-foliated quartz-phenocrystic groundmass separated by interstitial elongated amphibole and biotite grains defining foliation; strong patchy potassic and sericitic alteration throughout unit as well as potassic and sericitic alteration around quartz-carbonate veinlets; small lamprophyre dykelet with greenish sericiized and chloritized sharp contacts from 794.13 m to 794.35 metres depth with an alpha-beta orientation of 41-292	Z22259	794.4	795.5	1.1	0.013	AGAT_FAICP		
			Z22260	794	794.4	0.4	0.007	AGAT_FAICP		
			Z22261	793	794	1	0.008	AGAT_FAICP		
			Z22262	791.5	793	1.5	0.009	AGAT_FAICP		
			Z22263	790	791.5	1.5	0.008	AGAT_FAICP		
			Z22264	788.5	790	1.5	0.007	AGAT_FAICP		
			Z22265	787	788.5	1.5	0.005	AGAT_FAICP		
			Z22267	785.5	787	1.5	0.031	AGAT_FAICP		
			Z22268	784	785.5	1.5	0.036	AGAT_FAICP		
			Z22269	782.5	784	1.5	0.04	AGAT_FAICP		
			Z22270	782	782.5	0.5	0.023	AGAT_FAICP		
			Z22271	781.17	782	0.83	0.008	AGAT_FAICP		
796.63	**805.52**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z39694	796.63	797.48	0.85	0.065	AGAT_FAICP		
		medium to coarse-grained green and grey banded unit composed of felsic and mafic clasts; clasts have been reheated at low temperature evidenced by some amalagamation into bands and incorporation of small equant amphibole-rich blebs blebs of wallrock in stretched out clasts; some appearance of double teardrop shape as a result of ductile stretching and tapered clasts edges seen in places; occasional sericitized and chloritized bands as well as minor disseminated pyrite	Z39695	797.48	798	0.52	0.04	AGAT_FAICP		
			Z39696	798	798.6	0.6	0.03	AGAT_FAICP		
			Z39697	798.6	799.64	1.04	0.028	AGAT_FAICP		
			Z39699	799.64	800.35	0.71	0.054	AGAT_FAICP		
			Z39700	800.35	801	0.65	0.072	AGAT_FAICP		
			Z39701	801	802	1	0.062	AGAT_FAICP		
			Z39702	802	803	1	0.103	AGAT_FAICP		
			Z39703	803	804	1	0.202	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39704	804	805	1	0.051	AGAT_FAICP		
			Z39705	805	805.52	0.52	0.139	AGAT_FAICP		
805.52	**809.43**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey and green foliated quartz-phenocrystic groundmass separated by interstitial elongate amphibole and minor biotite grains along foliation; intermittent quartz-carobnate veinlets with moderate potassic and sericitic alteration envelopes	Z22253	809	809.43	0.43	0.017	AGAT_FAICP		
			Z22254	808	809	1	0.005	AGAT_FAICP		
			Z22255	807	808	1	0.005	AGAT_FAICP		
			Z22256	805.52	807	1.48	0.006	AGAT_FAICP		
809.43	**829.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey and green weakly to moderately-foliated quartz-feldspar unit with fluctuating proportions of amphibole and biotite; amphibole abundance seems to decrease with distance from phenocrystic sections; occasional small bands of quartzose melt and intermittent potassic-sericitic alteration haloes on quartz-carbonate veinlets; no alpha beta on upper contact as contact is only gradational marker for loss of phenocrystic quartz; quartz-phenocrystic section starts again at 813.6 m depth and goes to 829 m depth; from 823.47 m to 824.45 m depth the unit is quartz-rich and reheated at low temperatures	Z22231	828	829	1	0.01	AGAT_FAICP		
			Z22233	826.5	828	1.5	0.013	AGAT_FAICP		
			Z22234	825	826.5	1.5	0.075	AGAT_FAICP		
			Z22235	824.1	825	0.9	0.083	AGAT_FAICP		
			Z22236	823.47	824.1	0.63	0.101	AGAT_FAICP		
			Z22237	822	823.47	1.47	0.065	AGAT_FAICP		
			Z22239	820.5	822	1.5	0.014	AGAT_FAICP		
			Z22240	819.5	820.5	1	0.008	AGAT_FAICP		
			Z22241	819	819.5	0.5	0.016	AGAT_FAICP		
			Z22242	817.5	819	1.5	0.014	AGAT_FAICP		
			Z22243	817	817.5	0.5	0.018	AGAT_FAICP		
			Z22244	816	817	1	0.105	AGAT_FAICP		
			Z22245	815	816	1	0.188	AGAT_FAICP		
			Z22247	814	815	1	0.06	AGAT_FAICP		
			Z22248	812.5	814	1.5	0.026	AGAT_FAICP		
			Z22249	811	812.5	1.5	0.022	AGAT_FAICP		
			Z22250	810	811	1	0.013	AGAT_FAICP		
			Z22251	809.43	810	0.57	0.009	AGAT_FAICP		
829.00	**830.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained dark grey massive quartz-feldspar-biotite unit; variably silcified with less biotite than similar units; weak sericitic alteration envelopes on crosscutting quartz-carobnate veinlets and 20 cm massive barren white quartz vein from 829.47 m to 829.67 m depth; very minor amount of scattered muscovite beginning to appear	Z22228	829.76	830.35	0.59	0.012	AGAT_FAICP		
			Z22229	829.46	829.76	0.3	0.018	AGAT_FAICP		
			Z22230	829	829.46	0.46	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
830.35	**846.36**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey weakly to moderately foliated quartz-feldspar-biotite unit defined by coarse whitish grey quartz phenocrysts biotite grains elongated to foliation direction; wide patches of strong sericite and chlorite alteration around quartz-carbonate vein sets; intermittent white massive quartz vein melts with some boasting wallrock incorporation; occasional small compositional bands where phenocrystic fabric is lost and FGS is finer-grained	Z22209	846	846.36	0.36	0.086	AGAT_FAICP		
			Z22210	845	846	1	0.122	AGAT_FAICP		
			Z22211	844	845	1	0.122	AGAT_FAICP		
			Z22213	843.7	844	0.3	0.156	AGAT_FAICP		
			Z22214	843	843.7	0.7	2.4	AGAT_FAICP		
			Z22215	842	843	1	0.281	AGAT_FAICP		
			Z22216	840.5	842	1.5	0.141	AGAT_FAICP		
			Z22217	839	840.5	1.5	0.187	AGAT_FAICP		
			Z22219	838	839	1	0.115	AGAT_FAICP		
			Z22220	837	838	1	0.213	AGAT_FAICP		
			Z22221	836	837	1	0.063	AGAT_FAICP		
			Z22222	834.5	836	1.5	0.649	AGAT_FAICP		
			Z22223	833.5	834.5	1	0.058	AGAT_FAICP		
			Z22224	832	833.5	1.5	0.04	AGAT_FAICP		
			Z22225	831	832	1	0.051	AGAT_FAICP		
			Z22227	830.35	831	0.65	0.021	AGAT_FAICP		
846.36	**846.77**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained dark grey quartz-feldspar-biotite unit with section of thin 5 mm wide watery grey quartz bands near upper contact; sharp unaltered contacts	Z22208	846.36	846.77	0.41	0.099	AGAT_FAICP		
846.77	**851.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained dark grey quartz-feldspar-biotite unit with moderate foliation defined by abundant quartz phenocrysts; crosscutting quartz-carbonate veinlets with moderate sericitic alteration envelopes; altered green and grey irregular quartz vein with patchy pyrite and clinopyroxene broken out in veining tab	Z22203	851	851.75	0.75	0.196	AGAT_FAICP		
			Z22204	849.5	851	1.5	0.203	AGAT_FAICP		
			Z22205	848	849.5	1.5	0.288	AGAT_FAICP		
			Z22207	846.77	848	1.23	0.063	AGAT_FAICP		
851.75	**855.41**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** dark grey to black fine to medium-grained quartz-feldspar-biotite unit with minimal foliation fabric; discontinuous diffuse quartz bands trail through apparition-like through sections of unit and pinkish beige sericitic-potassic alteration envelopes around quartz-carbonate veinlets are outlined by deep green chlorite alteration; patchy amphibole also found throughout unit	Z22199	855	855.41	0.41	0.054	AGAT_FAICP		
			Z22200	854	855	1	0.072	AGAT_FAICP		
			Z22201	853	854	1	0.081	AGAT_FAICP		
			Z22202	851.75	853	1.25	0.115	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
855.41	**859.44**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey quartz-phenocrystic characterized unit with phenocrysts separated by interstitial elongate biotite grains aligned with a weak to moderate foliation; small amount of quartz-carbonate veinlets with weak potassic-sericitic alteration haloes and minor disseminated pyrite	Z22194	858	859.44	1.44	0.132	AGAT_FAICP		
			Z22195	857	858	1	0.031	AGAT_FAICP		
			Z22196	856	857	1	0.014	AGAT_FAICP		
			Z22197	855.41	856	0.59	0.036	AGAT_FAICP		
859.44	**859.84**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained quartz-feldspar-biotite unit with weak foliation and sharp unaltered contacts; amphibole also disseminated throughout unit and coarse quartz low-temperature melt patch at upper contact	Z22193	859.44	859.84	0.4	0.02	AGAT_FAICP		
859.84	**862.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey quartz-feldspar-biotite unit defined by abundant quartz phenocrysts; intense chloritic and sericitic alteration patches around some quartz-carbonate veinlets	Z22190	861	862.05	1.05	0.122	AGAT_FAICP		
			Z22191	859.84	861	1.16	0.028	AGAT_FAICP		
862.05	**866.04**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained dark grey to black massive quartz-feldspar-biotite unit with sparse amphiboles and wide patches of bright green chlorite alteration with undertones of potassic and sericitic alteration as well as diffuse blended boundaries; white sets of thin quartz-carbonate veinlets apparent with no alteration throughout unit; from 865.4 m depth to lower contact biotite abundance quickly decreases	Z22184	865	866.04	1.04	0.212	AGAT_FAICP		
			Z22185	864.1	865	0.9	0.046	AGAT_FAICP		
			Z22187	863.8	864.1	0.3	0.028	AGAT_FAICP		
			Z22188	863	863.8	0.8	0.028	AGAT_FAICP		
			Z22189	862.05	863	0.95	0.045	AGAT_FAICP		
866.04	**867.97**	**(FGC) Felsic Gneiss Conglomerate, ( )** grey medium-grained quartz-feldspar-biotite unit with wavy bands of varying biotite proportions and patchy to banded quartzofeldsapthic melt; weak sericitic alteration haloes on quartz-carbonate veinlets; massive whitish-grey irregular quartz melt patch with very coarse-grained incorporated fragments of partly sericitized biotite wallrock from 866.04 m to 866.36 m depth. WG comment (20190418): felsic clasts from 866.5 to end of interval so more likely FGC.	Z22183	866.04	866.6	0.56	0.171	AGAT_FAICP		
			Z39707	866.6	867	0.4	0.275	AGAT_FAICP		
			Z39708	867	867.97	0.97	0.299	AGAT_FAICP		
867.97	**869.91**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, ( )** medium to coarse-grained remnant bands of FGS wallrock with minor pyrite surrounded by invasive low-temperature quartzofeldspathic melt; trace sericitic alteration haloes on hairline quartz-carbonate veinlets near lower contact and small patches of fine to medium-grained yellow mineral assumed to be epidote; grain coarsening in biotite-rich melted sections	Z39709	867.97	869	1.03	0.148	AGAT_FAICP		
			Z39710	869	869.91	0.91	0.217	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
869.91	**870.91**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** invasive quartz-rich and minor quartzofeldspathic low-temperature melt bands and patches breaking apart remnant frgaments and bands of coarse-grained biotite-rich GBFG wallrock; small patches and bands of disseminated pyrite as well as moderate intensity sericitic alteration haloes on quartz-carbonate veinlets	Z39711	869.91	870.91	1	0.972	AGAT_FAICP		
870.91	**871.31**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** pink and grey coarse-grained equigranular quartzofeldspathic low-temperature melt with sharp contacts and minimal alteration	Z39713	870.91	871.31	0.4	0.111	AGAT_FAICP		
871.31	**872.54**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine-grained massive black carbonate-phenocrystic ultramafic intrusive lamprophyre dyke with knife-sharp sericitized contacts	Z39714	871.31	872.54	1.23	0.02	AGAT_FAICP		
872.54	**874.77**	**(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained massive grey and pink quartz-feldspar-biotite unit with patchy to banded quartzofeldspathic melt bands as well as abundant strong potassic and sericitic alteration haloes on crosccutting quartz-carbonate veinlets and intense serciticized patches of wallrock	Z39715	872.54	873	0.46	0.166	AGAT_FAICP		
			Z39716	873	874.3	1.3	0.137	AGAT_FAICP		
			Z39717	874.3	874.77	0.47	0.021	AGAT_FAICP		
874.77	**878.00**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** medium to coarse-grained banded quartz-feldspar-biotite melt pervaded by patchy to banded pink and grey quartzofeldspathic melt material; fine-grained quartz-feldspar pave to coarse-grained pegmatitic equant quartz and feldspar; sections of blotchy quartzofeldspathic melt with wispy bands and fragments of disseminated biotite-rich wallrock in parts; patchy fine to medium-grained garnet lamprophyre dykelet from 877.29 m to 877.42 m depth with an alpha beta measurement of 43-178; no beta on upper contact due to irregular melt interaction. WG comment (20190418): felsic clasts at 875m so more likely a FGC injected with QzFp veins.	Z39719	874.77	876	1.23	0.237	AGAT_FAICP		
			Z39720	876	877.19	1.19	0.261	AGAT_FAICP		
			Z39721	877.19	877.49	0.3	0.123	AGAT_FAICP		
			Z39722	877.49	878	0.51	0.201	AGAT_FAICP		
878.00	**878.74**	**(FGC) Felsic Gneiss Conglomerate, ( )** WG comment (20190418): felsic clasts so more likely a FGC.	Z39723	878	878.74	0.74	0.211	AGAT_FAICP		
878.74	**879.17**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coarse-grained pink and grey quartzofeldspathic vein with equigranular groundmass of blocky subrounded stubby quartz and whitish to pink feldspar crystals. WG	Z39724	878.74	879.17	0.43	0.272	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
comment (20190418): PEG-GR										
879.17	**880.20**	**(FGC) Felsic Gneiss Conglomerate, ( )** medium to coarse-grained grey and black siliceous GBFG with fine to medium-grained quartzofeldspathic veins cutting across it; moderate sericitic alteration haloes on crosscutting quartz-carbonate veinlets throughout unit. WG comment (20190418): felsic clasts so more likely a FGC.	Z39725	879.17	880.2	1.03	0.264	AGAT_FAICP		
880.20	**880.74**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine-grained siliceous massive grey quartz-feldspar-biotite unit with quartz-rich remelt at upper contact and weak sericitic alteration envelopes on diffuse and narrow quartz-carbonate veinlets. WG comment (20190418): felsic clasts so more likely a FGC.	Z39727	880.2	880.74	0.54	0.114	AGAT_FAICP		
880.74	**885.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained black massive intrusive lamprophyre dyke with disseminated carbonate phenocrysts	Z39728	880.74	882.18	1.44	0.004	AGAT_FAICP		
			Z39729	882.18	883.61	1.43	0.002	AGAT_FAICP		
			Z39730	883.61	884.5	0.89	0.003	AGAT_FAICP		
			Z39731	884.5	885.3	0.8	0.002	AGAT_FAICP		
885.30	**886.90**	**(QFP, UMD) Quartz Feldspar Porphyry, UM\LAMP Dike, ( )** coarse to very coarse-grained quartzofeldspathic rock with interstitial elongate biotite and amphibole separated by coarse pink and grey quartz-feldspar phenocrysts; separted from porphyritic FGS intervals based on different groundmass and altered large feldspar phenocrysts; some grading into FGS-like units suggests mechanical sorting of immature quartzofeldspathic material into finer-grained sandstones	Z22180	886.27	886.9	0.63	0.016	AGAT_FAICP		
			Z22181	885.95	886.27	0.32	0.01	AGAT_FAICP		
			Z22182	885.3	885.95	0.65	0.025	AGAT_FAICP		
886.90	**887.29**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained carbonate-phenocrystic massive black intrusive lamprophyre dyke with aphanitic quenched knife-sharp margins	Z22179	886.9	887.29	0.39	0.003	AGAT_FAICP		
887.29	**888.50**	**(QFP) Quartz Feldspar Porphyry, ( )** coarse to very coarse-grained grey and pink unit of biotite and amphibole grains separated by coarse to very coarse quartz and feldspar phenocrysts; weak sericitic alteration haloes on meandering hairline quartz-carbonate veinlets	Z22177	887.29	888.5	1.21	0.013	AGAT_FAICP		
888.50	**891.62**	**(UMD, QFP) UM\LAMP Dike, Quartz Feldspar Porphyry, (**	Z22174	891	891.62	0.62	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	Z22175	890	891	1	0.003	AGAT_FAICP		
		intrusive massive grey carbonate-phenocrystic lamprophyre dyke with aphanitic massive section and medium-grained zones rich in carbonate phenocrysts; knife-sharp sericitized and chloritized contacts with surrounding units	Z22176	888.5	890	1.5	0.003	AGAT_FAICP		
891.62	**892.70**	**(QFP, UMD) Quartz Feldspar Porphyry, UM\LAMP Dike, ( )**	Z22173	891.62	892.7	1.08	0.009	AGAT_FAICP		
		coarse-grained pink and grey quartz-feldspar phenocrystic unit with interstitial biotite and amphibole grains; pervasive potassic alteration shadowing parts of unit along with associated weak to moderate sericite alteration; lamprophyre dyke at lower contact of unit from 892.46 m to 892.7 m depth								
892.70	**895.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z22169	895	895.35	0.35	0.007	AGAT_FAICP		
			Z22170	893.5	895	1.5	0.007	AGAT_FAICP		
		coarse to very coarse-grained grey quartz-feldspar-biotite unit with an equigranularity that imparts a granodioritic fabric to the unit; abundant thin quartz-carbonate veinlets throughout unit with weak potassic and sericitic alteration envelopes	Z22171	892.7	893.5	0.8	0.01	AGAT_FAICP		
895.35	**896.15**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	Z22168	895.35	896.15	0.8	0.012	AGAT_FAICP		
		medium to coarse-grained massive to weakly foliated quartz-feldspar-amphibole unit with pervasive potassic alteration; one or two quartz-carbonate veinlets with potassic and sericiitc envelopes								
896.15	**912.32**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z22150	911	912.32	1.32	0.013	AGAT_FAICP		
			Z22151	909.5	911	1.5	0.006	AGAT_FAICP		
			Z22153	909	909.5	0.5	0.005	AGAT_FAICP		
			Z22154	908	909	1	0.006	AGAT_FAICP		
			Z22155	906.5	908	1.5	0.007	AGAT_FAICP		
			Z22156	905	906.5	1.5	0.006	AGAT_FAICP		
			Z22157	904.57	905	0.43	0.008	AGAT_FAICP		
			Z22159	904.27	904.57	0.3	0.005	AGAT_FAICP		
			Z22160	903	904.27	1.27	0.011	AGAT_FAICP		
			Z22161	902	903	1	0.009	AGAT_FAICP		
			Z22162	901	902	1	0.018	AGAT_FAICP		
			Z22163	900	901	1	0.006	AGAT_FAICP		
			Z22164	898.5	900	1.5	0.01	AGAT_FAICP		
			Z22165	897	898.5	1.5	0.019	AGAT_FAICP		
		coarse-grained pink and grey quartz-feldspar-biotite unit with some amphibole present as well; coarse to very coarse-grained porphyritic quartz separated by interstitial elongate biotite and stubby amphibole along foliation; intermittent moderate to strong potassic and sericitic alteration envelopes on quartz-carbonate veinlets; ultamafic lamprophyre dykelets at following locations; from 904.32 to 904.56 m depth with alpha-beta of 25-298; next dyke from 909.09 to 909.36 m depth with alpha-beta of 24-298; amphibolite dyke or band with patchy sericite-chlorite alteration from 909.5 to 909.68 m with an alpha-beta of 48-220									

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z22167	896.15	897	0.85	0.007	AGAT_FAICP		
912.32	**912.78**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** fine-grained massive whitish barren quartz vein with small pink interstitial flecks of pink feldspar floating in quartz matrix; one small band of incorporated FGS wallrock near lower contact	Z22149	912.32	912.78	0.46	0.095	AGAT_FAICP		
912.78	**923.58**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** weakly to moderately foliated grey and pink quartz-feldspar-biotite unit with intermittent potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; some finer-grained bands apparent in parts of unit; completely sericitized patch with associated potassic alteration from 916.2 m to 916.5 m depth; sections of unit are variably silicified	Z22137	923	923.58	0.58	0.008	AGAT_FAICP		
			Z22139	922	923	1	0.012	AGAT_FAICP		
			Z22140	921	922	1	0.016	AGAT_FAICP		
			Z22141	919.5	921	1.5	0.016	AGAT_FAICP		
			Z22142	918	919.5	1.5	0.006	AGAT_FAICP		
			Z22143	916.5	918	1.5	0.005	AGAT_FAICP		
			Z22144	915.8	916.5	0.7	0.005	AGAT_FAICP		
			Z22145	915.5	915.8	0.3	0.007	AGAT_FAICP		
			Z22147	914	915.5	1.5	0.005	AGAT_FAICP		
			Z22148	912.78	914	1.22	0.011	AGAT_FAICP		
923.58	**926.60**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained intrusive ultramafic lamprophyre dyke with abundant carbonate phenocrysts and sharp sericitized contacts; where dyke contact cuts core long axis at a low angle FGS material can be seen along edge of dyke	Z22131	925.87	926.6	0.73	0.001	AGAT_FAICP		
			Z22133	925.4	925.87	0.47	0.004	AGAT_FAICP		
			Z22134	924.8	925.4	0.6	0.001	AGAT_FAICP		
			Z22135	924.3	924.8	0.5	0.003	AGAT_FAICP		
			Z22136	923.58	924.3	0.72	0.003	AGAT_FAICP		
926.60	**927.26**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey weakly-foliated quartz-feldspar-biotite unit with a couple quartz-carbonate veinlets showcasing serictic and potassic alteration haloes you could shake a stick at	Z22130	926.6	927.26	0.66	0.014	AGAT_FAICP		
927.26	**940.76**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained carbonate-phenocrystic massive dark grey intrusive lamprophyre dyke meandering across core long axis at a low angle so as to show extensive contact zones with interwoven FGS; FGS is a pink and grey medium to coarse-grained moderately	Z22115	939.5	940.76	1.26	0.001	AGAT_FAICP		
			Z22116	938	939.5	1.5	0.0005	AGAT_FAICP		
			Z22117	937	938	1	0.002	AGAT_FAICP		
			Z22119	935.82	937	1.18	0.021	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		banded quartz-feldspar-biotite unit with very minor flecks of muscovite in sections; FGS banding is defined by preferential potassic and sericitic alteration	Z22120	935	935.82	0.82	0.003	AGAT_FAICP		
			Z22121	934	935	1	0.002	AGAT_FAICP		
			Z22122	932.5	934	1.5	0.001	AGAT_FAICP		
			Z22123	931.3	932.5	1.2	0.002	AGAT_FAICP		
			Z22124	930	931.3	1.3	0.017	AGAT_FAICP		
			Z22125	929.6	930	0.4	0.008	AGAT_FAICP		
			Z22127	929.18	929.6	0.42	0.006	AGAT_FAICP		
			Z22128	928	929.18	1.18	0.044	AGAT_FAICP		
			Z22129	927.26	928	0.74	0.002	AGAT_FAICP		
940.76	**957.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z22100	956	957.28	1.28	0.009	AGAT_FAICP		
		medium to coarse-grained dark grey weakly to moderately-foliated quartz-feldspar groundmass with equal parts biotite and amphibole defining the foliation; quartz-phenocrystic sections apparent as well as intense potassic and sericitic alteration envelopes around quartz-carbonate veinlets; dark green chlorite alteration associated with these envelopes in some cases; intermittent pink and grey quartzofeldspathic melt bands with deformed undulating melt contacts; minor disseminated pyrite	Z22101	954.5	956	1.5	0.008	AGAT_FAICP		
			Z22102	953	954.5	1.5	0.026	AGAT_FAICP		
			Z22103	951.5	953	1.5	0.012	AGAT_FAICP		
			Z22104	950	951.5	1.5	0.018	AGAT_FAICP		
			Z22105	949	950	1	0.012	AGAT_FAICP		
			Z22107	947.5	949	1.5	0.014	AGAT_FAICP		
			Z22108	947.2	947.5	0.3	0.007	AGAT_FAICP		
			Z22109	946	947.2	1.2	0.012	AGAT_FAICP		
			Z22110	945	946	1	0.011	AGAT_FAICP		
			Z22111	943.5	945	1.5	0.007	AGAT_FAICP		
			Z22113	942	943.5	1.5	0.012	AGAT_FAICP		
			Z22114	940.76	942	1.24	0.015	AGAT_FAICP		
957.28	**958.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	Z22099	957.28	958.25	0.97	0.01	AGAT_FAICP		
		dark green and grey coarse-grained moderately to strongly foliated quartz-feldspar-amphibole unit with some biotite elongated along foliation plane as well as thin quartzofeldspathic melt band towards middle of unit								
958.25	**959.53**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z22097	958.25	959.53	1.28	0.009	AGAT_FAICP		
		medium to coarse-grained grey moderately foliated quartz-feldspar-biotite unit with weak diffuse sericitic alteration envelopes on late thin quartz-carbonate veinsets; small less than 10 cm wide quartzofeldspathic coarse-grained melt veins with coarse patchy pyrite and biotite clusters; one quartz-carbonate veinlet has moderate to strong chlorite halo while some boast moderate to strong potassic alteration								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
959.53	**964.02**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse-grained high-strain conglomerate with alternating stretched mafic and felsic clasts; some clast remelting evidenced by stubby blebs of mafic material incorporated in light grey felsic clasts; patch of strong potassic and chloritic alteration with background sericite alteration seen from 963.2 to 963.5 m depth	Z22093	963	964.02	1.02	0.038	AGAT_FAICP		
			Z22094	962	963	1	0.08	AGAT_FAICP		
			Z22095	961	962	1	0.077	AGAT_FAICP		
			Z22096	959.53	961	1.47	0.019	AGAT_FAICP		
964.02	**966.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey coarse-grained massive to weakly-foliated quartz-feldspar-biotite unit with patchy variant amounts of amphibole and very coarse-grained pink granitic pegmatite from 966.23 to 966.47 m depth; patchy quartzofeldspathic melt with incorporated wallrock bands	Z22088	966.51	966.85	0.34	0.006	AGAT_FAICP		
			Z22089	966.21	966.51	0.3	0.003	AGAT_FAICP		
			Z22090	965	966.21	1.21	0.004	AGAT_FAICP		
			Z22091	964.02	965	0.98	0.007	AGAT_FAICP		
966.85	**971.83**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse-grained grey and green conglomerate that appears storngly banded due to elongation of clasts; alternating felsic and mafic clasts as well as meandering potassic and sericitic alteration envelopes on quartz-carbonate veinlets; gradational diffuse contacts with surrounding metasediments	Z22082	971	971.83	0.83	0.275	AGAT_FAICP		
			Z22083	970	971	1	0.057	AGAT_FAICP		
			Z22084	968.5	970	1.5	0.139	AGAT_FAICP		
			Z22085	968	968.5	0.5	0.057	AGAT_FAICP		
			Z22087	966.85	968	1.15	0.078	AGAT_FAICP		
971.83	**975.36**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey equigranular massive quartz-feldspar-biotite unit with pinkish background potassic alteration of quartzofeldspathic component in groundmass; strong potassic and sericitic alteration haloes on quartz-carbonate veinlets that meander across core at low angle to core long axis; abundant muscovite relative to similar units	Z22079	974	975.36	1.36	0.008	AGAT_FAICP		
			Z22080	973	974	1	0.005	AGAT_FAICP		
			Z22081	971.83	973	1.17	0.006	AGAT_FAICP		
975.36	**976.83**	**(FGC) Felsic Gneiss Conglomerate, ( )** strongly altered and broken down fine to coarse-grained conglomerate with any clast forms broken down through reheating; strong patchy potassic-sericitic alteration with some associated bleaching on certain quartz-carbonate veinlets; tight parasitic folding	Z22076	976	976.83	0.83	0.025	AGAT_FAICP		
			Z22077	975.36	976	0.64	0.021	AGAT_FAICP		
976.83	**978.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained greenish sericitized-chloritized intrusive lamprophyre dyke with coarse cm-scale reddish quartzofeldspathic subangular to rounded xenoliths; sharp contacts with strong sericite-chlorite alteration	Z22074	978	978.9	0.9	0.004	AGAT_FAICP		
			Z22075	976.83	978	1.17	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
978.90	**979.77**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained altered grey and green moderately-banded intermediate amphibolite; sericite and chlorite alteration on radiating quartz-carbonate veinlets; biotite and amphibole present sprucing up the quartz-feldspar groundmass	Z22073	978.9	979.77	0.87	0.019	AGAT_FAICP		
979.77	**980.29**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pinkish red intrusive syenitic pegmatite with strong potassic staining and minor quartz-amphibole patches; bands of quartz-feldspar-biotite wallrock incorporation and sericitized lower contact	Z22071	979.77	980.29	0.52	0.007	AGAT_FAICP		
980.29	**980.81**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained grey and green moderately-banded intermediate amphibolite with strong potassic and sericitic alteration envelope on crosscutting quartz-carbonate veinlet	Z22070	980.29	980.81	0.52	0.027	AGAT_FAICP		
980.81	**983.26**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey granitic pegmatite with patches of very coarse cm-scale biotite clusters and some wallrock incorporation; sharp intrusive contacts with surrounding units and varying amounts of quartz throughout	Z22068	982	983.26	1.26	0.003	AGAT_FAICP		
			Z22069	980.81	982	1.19	0.007	AGAT_FAICP		
983.26	**992.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** grey and green variably-banded and strongly silicified intermediate amphibolite; intermittent thin quartz veins and quartz-carbonate stringers with strong potassic and sericitic envelopes; no beta angle as alpha is perpendicular to long axis and contact is undulating	Z22057	992	992.7	0.7	0.018	AGAT_FAICP		
			Z22059	991	992	1	0.01	AGAT_FAICP		
			Z22060	990	991	1	0.018	AGAT_FAICP		
			Z22061	989	990	1	0.023	AGAT_FAICP		
			Z22062	988	989	1	0.029	AGAT_FAICP		
			Z22063	987	988	1	0.019	AGAT_FAICP		
			Z22064	985.5	987	1.5	0.017	AGAT_FAICP		
			Z22065	984	985.5	1.5	0.012	AGAT_FAICP		
			Z22067	983.26	984	0.74	0.004	AGAT_FAICP		
992.70	**1014.93**	**(FGC) Felsic Gneiss Conglomerate, ( )** green and grey fine to coarse-grained felsic gneissic conglomerate with varying degrees of silicification; alternating mafic and felsic clasts as well as quartz and quartzofeldspathic veins; late quartz-carbonate stringers can be found throughout unit with potassic and sericitic	Z22036	1014	1014.93	0.93	0.024	AGAT_FAICP		
			Z22037	1012.5	1014	1.5	0.029	AGAT_FAICP		
			Z22039	1011	1012.5	1.5	0.117	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alteration envelopes; occasional wide patches of sericite-chlorite overprinting and portions of clast-poor FGS metasediment	Z22040	1009.5	1011	1.5	0.098	AGAT_FAICP		
			Z22041	1008	1009.5	1.5	0.183	AGAT_FAICP		
			Z22042	1006.5	1008	1.5	0.161	AGAT_FAICP		
			Z22043	1005	1006.5	1.5	0.095	AGAT_FAICP		
			Z22044	1003.5	1005	1.5	0.061	AGAT_FAICP		
			Z22045	1002	1003.5	1.5	0.057	AGAT_FAICP		
			Z22047	1000.5	1002	1.5	0.04	AGAT_FAICP		
			Z22048	999	1000.5	1.5	0.03	AGAT_FAICP		
			Z22049	997.5	999	1.5	0.036	AGAT_FAICP		
			Z22050	997	997.5	0.5	0.014	AGAT_FAICP		
			Z22051	996.4	997	0.6	0.006	AGAT_FAICP		
			Z22053	995	996.4	1.4	0.028	AGAT_FAICP		
			Z22054	994.7	995	0.3	0.03	AGAT_FAICP		
			Z22055	994	994.7	0.7	0.015	AGAT_FAICP		
			Z22056	992.7	994	1.3	0.021	AGAT_FAICP		
1014.93	**1018.15**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z22033	1017	1018.15	1.15	0.004	AGAT_FAICP		
		black and grey intrusive fine to medium-grained lamprophyre dyke with knife-sharp greenish-beige sericitized and chloritized contacts; wide sericite patch in middle of unit and abundant greyish-white carbonate phenocrysts throughout	Z22034	1016	1017	1	0.004	AGAT_FAICP		
			Z22035	1014.93	1016	1.07	0.007	AGAT_FAICP		
1018.15	**1040.09**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z22011	1039	1040.09	1.09	0.02	AGAT_FAICP		
		Continuity of FGC sequence uphole; polymictic conglomerate; stronlgy foliated and stretched (elongated felsic and mafic clasts). Common small QzPoPy rods and poorly developped tension gashes opened at high angle to S1. Some FGS-mg (<40cm wide) and thin mafic (AMP) interbedded layers // S1 (compositional layering). Some sigmoidal shaped Qz pods and clasts suggest asymmetrical shearing (simple shear) but L1 is not compatible with the shear direction (asymmetry not in XZ plane of finite strain ellipsoid).	Z22013	1038	1039	1	0.022	AGAT_FAICP		
			Z22014	1037.36	1038	0.64	0.013	AGAT_FAICP		
			Z22015	1036	1037.36	1.36	0.016	AGAT_FAICP		
			Z22016	1034.5	1036	1.5	0.016	AGAT_FAICP		
			Z22017	1034	1034.5	0.5	0.013	AGAT_FAICP		
			Z22019	1033	1034	1	0.017	AGAT_FAICP		
			Z22020	1031.5	1033	1.5	0.022	AGAT_FAICP		
			Z22021	1030.34	1031.5	1.16	0.009	AGAT_FAICP		
			Z22022	1030	1030.34	0.34	0.02	AGAT_FAICP		
			Z22023	1028.5	1030	1.5	0.018	AGAT_FAICP		
			Z22024	1027	1028.5	1.5	0.059	AGAT_FAICP		
			Z22025	1025.5	1027	1.5	0.054	AGAT_FAICP		
			Z22027	1024	1025.5	1.5	0.023	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z22028	1022.5	1024	1.5	0.035	AGAT_FAICP		
			Z22029	1021	1022.5	1.5	0.074	AGAT_FAICP		
			Z22030	1019.5	1021	1.5	0.049	AGAT_FAICP		
			Z22031	1018.15	1019.5	1.35	0.071	AGAT_FAICP		
1040.09	**1041.18**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS-mg level interbedded within FGC sequence. FGS is pink/redish (moderately KFp-altered); fg-mg; moderately to strongly foliated. At 1040.16m 7cm thick fault breccia; with felsic angular fragments in white carbonate matrix (no obvious kinematics); some Cb veinlets sub// fault contacts. Picture 6407.	Z22010	1040.09	1041.18	1.09	0.009	AGAT_FAICP		
1041.18	**1049.70**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC sequence above small FGS intreval. Polymictic conglomerate; stronlgy foliated and stretched (elongated felsic and mafic clasts). Some small QzPoPy rods and poorly developped tension gashes opened at high angle to S1. Some small FGS-mg interbedded layers // S1 (compositional layering). Some thin QzCb veinlets with beige/greenish Ser-Chl-altered haloes (<30cm wide).	Z22002	1049	1049.7	0.7	0.02	AGAT_FAICP		
			Z22003	1047.5	1049	1.5	0.014	AGAT_FAICP		
			Z22004	1046	1047.5	1.5	0.013	AGAT_FAICP		
			Z22005	1044.5	1046	1.5	0.022	AGAT_FAICP		
			Z22007	1043	1044.5	1.5	0.012	AGAT_FAICP		
			Z22008	1042	1043	1	0.011	AGAT_FAICP		
			Z22009	1041.18	1042	0.82	0.007	AGAT_FAICP		
1049.70	**1050.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Small LAMP interval at the end of hole. Dark grey/black; massive; strongly magnetic; fg Cb. EOH=1050m	Z22001	1049.7	1050	0.3	0.006	AGAT_FAICP		

Newmont

Geological Description with Assays

Hole ID : **BL19-01081**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	195	Easting :	331586.9	Logged By :	Brad.Clarke
Dip :	-74	Northing :	5303443.01	Logged By 2 :	
Length :	465	Elevation :	442.108	Log Start :	29-Apr-2019
Drill Start :	27-Mar-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	3-May-2019
Drill Completed :	2-Apr-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Used proposed numbers to be able to see trace in leapfrog. Sampled last 100M. Not oriented. No visible gold observed. One potentially good QV1/MAM unit near bottom. Thick GBFG section.

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										
3.00	**40.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Vugs distributed unevenly but pervasively. Several regular and irregular QVs with minor Py within and along contacts. Minor anhedral and euhedral fine to medium Py grains pervasively. Blocky ground.										
40.45	**41.45**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
41.45	**48.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Vugs distributed unevenly but pervasively. Several regular and irregular QVs with minor Py within and along contacts. Minor anhedral and euhedral fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts with intermediate AMP units.								
48.75	**51.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts.								
51.60	**55.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Vugs distributed unevenly but pervasively. Several regular and irregular QVs with minor Py within and along contacts. Minor anhedral and euhedral fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts with intermediate AMP units.								
55.40	**59.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts.								
59.50	**65.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Vugs distributed unevenly but pervasively. Several regular and irregular QVs with minor Py within and along contacts. Minor anhedral and euhedral fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts with intermediate AMP units.								
65.25	**66.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts.								
66.10	**99.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Vugs distributed unevenly but pervasively. Several regular and irregular QVs with minor Py within and along contacts. Minor anhedral and euhedral fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts with intermediate AMP units.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

99.40 102.23 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts.

102.23 133.10 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Porphyritic and qtz eye texture locally. Vugs distributed unevenly but pervasively. Several regular and irregular QVs with minor Py within and along contacts. Minor anhedral and euhedral fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts with intermediate AMP units.

133.10 134.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained green LAMP dyke with several small carb veins. Brecciation observed at upper contact.

134.00 143.75 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Vugs distributed unevenly but pervasively. Several regular and irregular QVs with minor Py within and along contacts. Minor anhedral and euhedral fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts.

143.75 144.15 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts.

144.15 146.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Qtz eye texture pervasively. Trace anhedral fine to medium Py. Sharp upper and lower contacts with intermediate AMP units

146.00 146.55 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
146.55	**154.88**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Qtz eye texture pervasively. Trace anhedral fine to medium Py. Sharp upper and lower contacts with AMP units								
154.88	**172.00**	**(AMPG) Amphibole Felsic Gneiss, ( )** Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs.								
172.00	**172.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Sharp upper and lower contacts with intermediate AMPG units. Trace Py.								
172.40	**173.14**	**(AMPG) Amphibole Felsic Gneiss, ( )** Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs.								
173.14	**177.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. QE texture locally. Trace anhedral and euhedral fine to medium Py grains pervasively. Sharp upper and lower contacts with intermediate AMPG units.								
177.00	**178.62**	**(AMPG) Amphibole Felsic Gneiss, ( )** Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs.								
178.62	**182.43**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Qtz eye texture pervasively. Trace anhedral fine to medium Py. Sharp gradual upper and lower contacts with intermediate AMP units.								
182.43	**185.88**	**(AMPG) Amphibole Felsic Gneiss, ( )** Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

matrix. Weak strain observed in form of Amp porhs. Sharp upper and lower contacts.

185.88 194.56 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Qtz eye texture pervasively. Trace anhedral fine to medium Py. Sharp upper and lower contacts with intermediate AMPG units

194.56 194.88 (AMPG) Amphibole Felsic Gneiss, ( )

Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs.

194.88 219.04 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Qtz eye texture pervasively. Trace anhedral fine to medium Py. Sharp upper and lower contacts with intermediate AMPG units

219.04 227.12 (AMPG) Amphibole Felsic Gneiss, ( )

Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs. Sharp upper and lower contacts.

227.12 227.97 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Trace diss fine Py. Sharp upper and lower contacts with intermediate AMPG units.

227.97 228.50 (AMPG) Amphibole Felsic Gneiss, ( )

Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs.

228.50 229.40 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Trace diss fine Py. Sharp upper and lower contacts with intermediate AMPG units.

229.40 230.20 (AMPG) Amphibole Felsic Gneiss, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-5mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs.								
230.20	**232.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained weakly to moderately foliated Py rich green AMP. Icreased Py observed as small stringers along foliation locally. Minor fine diss py pervasively. Sharp upper and lower contacts.								
232.20	**238.80**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
		Fine to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs. Few small short FGS sections within.								
238.80	**248.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine grained weakly to moderately foliated grey FGS. Minor bio. Trace fine diss Py pervasively. Sharp but gradual upper and lower contacts. One small QV. Few small vugs locally.								
248.20	**254.88**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
		Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs. Sharp lower contact. Gradual upper contact.								
254.88	**278.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained weakly to moderately foliated grey FGS. Porphyritic and qtz eye texture locally. Vug with minor epidote locally. Gradual variation in Amp locally with a few short sections grading to AMP. Minor fine euhedral Py unevenly distributed throughout. Several QV and QF veins. Weak alteration halos observed around small white veinlets.								
278.80	**281.00**	**(AMP) Amphibolite, ( )**								
		Fine grained weakly to moderately foliated green AMP. Red K alteration observed throughout unit as halos around qtz-carb veins and veinlets. Sharp upper and lower contacts. Locally high Py content. Trace fine diss Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

281.00 284.58 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Trace diss fine Py. Sharp upper and lower contacts. Red K alteration observed throughout as halos around veins and veinlets.

284.58 285.85 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated AMP. Epidote observed locally in association with small vugs. Trace diss fine Py. Locally porphyritic with Amp porphs.

285.85 288.75 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Trace diss fine Py. Sharp upper and lower contacts. K alteration prevasive as halos around several veins and veinlets.

288.75 293.44 (AMPG) Amphibole Felsic Gneiss, ( )

Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs. Several small white veinlets parallel to foliation observed.

293.44 311.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Gradual variation in Amp content locally with a few short sections grading to AMP. Minor fine euhedral Py unevenly distributed throughout. Several QV and QF veins. Weak alteration halos observed around small white veinlets.

311.00 312.58 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained massive magnetic dark grey LAMP with carbonate spots and sharp contacts. No sulfides.

312.58 321.58 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Qtz eye texture locally. Gradual variation in Amp locally with a few short sections grading to AMP. Minor fine Py pervasively. Several QV and QF veins. Weak alteration halos observed around small white veinlets.

321.58 324.00 (UMD) UM\LAMP 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 magnetic dark grey LAMP. Upper contact is altered and green. No sulfides. Non magnetic where green alteration is observed.

324.00 327.00 (AMP) Amphibolite, ( )

Fine to medium grained banded green moderately to weakly foliated AMP. Trace diss sulfides pervasively. Amp content is variable resulting in moderate compositional banding.

327.00 329.40 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained magnetic dark grey LAMP. Upper contact is altered and green. No sulfides.

329.40 330.51 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Fine to coarse grained moderately foliated grey porphyritic FGS. No sulfides. Biotite rich. Sharp upper contact. Short gradual lower contact.

330.51 333.75 (AMP) Amphibolite, (MAM) Mottled Amphibolite

Fine to medium grained moderately foliated green pinkish green and grey banded AMP. MAM colour and texture observed through most of the unit while localized sections are more typical AMP compositions. Locally the core is blocky and fractured. Minor fine diss Py throughout.

333.75 334.68 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly foliated moderately fractured grey FGS. Fine diss Py. Gradual upper contact. Sharp low angle lower contact. Carb veining.

334.68 338.41 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained magnetic dark grey LAMP. Upper contact is altered and green. No sulfides.

338.41 340.12 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Trace diss fine Py. Sharp gradual upper and lower contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
340.12	**341.12**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated green and grey compositionally banded AMP. Locally increased Py. Pervasive Py throughout. Short gradual upper and lower contacts.								
341.12	**343.62**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS with localized porphyritic texture. Trace diss fine Py. Several QF and QV veins. Sharp lower contact and short gradual upper contact.								
343.62	**345.05**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive magnetic LAMP with numerous small fine white carb veinlets. No sulfides. Sharp contacts.								
345.05	**345.70**	**(AMPG) Amphibole Felsic Gneiss, ( )** Medium to coarse moderately foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs.								
345.70	**346.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained massive dark grey magnetic LAMP. Several small fine white veinlets. Numerous xeinoliths. No sulfides.								
346.70	**349.53**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated pinkish grey FGS. Trace fine diss Py. Several QF and QVs. Short gradual lower contact.								
349.53	**350.57**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium weakly to moderately foliated greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Sharp gradual upper and lower contacts.								
350.57	**351.95**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Qtz eyes texture locally. Trace diss fine Py. Sharp cradual upper and contacts.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
351.95	**352.15**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium xeinolith rich dark grey LAMP with several small carb veins. No sulfides. Weak magnetism.								
352.15	**354.77**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse weakly to moderately foliated grey FGS. Qtz eye texture Locally. Trace anhedral fine to medium Py. Pinkish colour observed pervasively to weak and moderate amounts. Lower contact is brecciated and broken up.								
354.77	**355.62**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium weakly to moderately foliated compositionally banded greenish grey intermediate AMP. Trace fine to medium Py grains pervasively. Blocky ground. Sharp upper and lower contacts. Brecciated upper contact.								
355.62	**361.22**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Trace anhedral fine to medium Py. Sharp gradational upper and lower contacts. Several short sections gradually increase in Amp contact becoming AMP intermetiate. Slight increase in Py within Int AMP areas.	C64819	360.5	361.22	0.72	0.034	AGAT_FAICP		
361.22	**364.58**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained green and grey PEG with coarse grained bio throughout in minor amounts. Locally biotite increases and grain size decreases nearing a medium to coarse FGS composition. Trace Py observed in finer grained sections.	C64820	361.22	362	0.78	0.216	AGAT_FAICP		
			C64821	362	362.5	0.5	0.017	AGAT_FAICP		
			C64822	362.5	363	0.5	0.048	AGAT_FAICP		
			C64823	363	363.5	0.5	0.055	AGAT_FAICP		
			C64824	363.5	364	0.5	0.099	AGAT_FAICP		
			C64825	364	364.58	0.58	0.139	AGAT_FAICP		
364.58	**365.73**	**(AMPG) Amphibole Felsic Gneiss, ( )** Medium to coarse weakly foliated porphyroblastic dark green AMPG. Non magnetic and trace Py. Large dark green Amp porphyroblasts 3-10mm. Fine to medium grained grey matrix. Weak strain observed in form of Amp porhs. Sharp upper and lower contacts.	C64827	364.58	365	0.42	0.01	AGAT_FAICP		
			C64828	365	365.73	0.73	0.026	AGAT_FAICP		
365.73	**366.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse to vary coarse grained PEG vein. Gradational contacts. Minor Py observed within	C64829	365.73	366.5	0.77	0.494	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
foliation.										
366.50	**370.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64830	366.5	367	0.5	0.082	AGAT_FAICP		
Medium grained moderately foliated grey FGS with gradual upper and lower contacts. Minor fine diss Py. Porphyritic texture locally.			C64831	367	367.5	0.5	0.154	AGAT_FAICP		
			C64833	367.5	368	0.5	0.083	AGAT_FAICP		
			C64834	368	368.5	0.5	0.061	AGAT_FAICP		
			C64835	368.5	369	0.5	0.068	AGAT_FAICP		
			C64836	369	369.5	0.5	0.129	AGAT_FAICP		
			C64837	369.5	370.05	0.55	0.024	AGAT_FAICP		
370.05	**371.63**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64839	370.05	370.45	0.4	0.204	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Trace diss fine Py.			C64840	370.45	371	0.55	0.043	AGAT_FAICP		
			C64841	371	371.63	0.63	0.538	AGAT_FAICP		
371.63	**372.23**	**(FGG) Felsic Gneiss Granitic, ( )**	C64842	371.63	372.23	0.6	0.403	AGAT_FAICP		
Medium grained moderately foliated grey FGG. Gradational sharp contacts. Medium grained muscovite and biotite and silliminite wips pervasively throuhgout along foliation. Minor diss medium Py pervasively.										
372.23	**373.60**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64843	372.23	373	0.77	0.299	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Trace diss fine Py.			C64844	373	373.6	0.6	0.36	AGAT_FAICP		
373.60	**373.97**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64845	373.6	373.97	0.37	0.065	AGAT_FAICP		
Fine to coarse weakly to moderately foliated grey FGS. Porphyritic texture locally. Trace diss fine Py. Sharp gradual upper and lower contacts.										
373.97	**379.04**	**(FGG) Felsic Gneiss Granitic, ( )**	C64847	373.97	374.4	0.43	0.265	AGAT_FAICP		
Medium to coarse grained moderately foliated grey FGG. Gradational sharp contacts. Medium grained muscovite and biotite and silliminite wisps pervasively throuhgout along foliation. Minor diss medium Py pervasively. Several folded and boudinaged QVs.			C64848	374.4	375	0.6	0.083	AGAT_FAICP		
			C64849	375	375.5	0.5	0.322	AGAT_FAICP		
			C64850	375.5	376	0.5	0.271	AGAT_FAICP		
			C64851	376	376.5	0.5	0.187	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64853	376.5	377	0.5	0.026	AGAT_FAICP		
			C64854	377	377.5	0.5	0.15	AGAT_FAICP		
			C64855	377.5	378	0.5	0.465	AGAT_FAICP		
			C64856	378	378.5	0.5	0.35	AGAT_FAICP		
			C64857	378.5	379.04	0.54	0.162	AGAT_FAICP		
379.04	**380.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64859	379.04	379.6	0.56	0.529	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Trace diss fine Py. Increased Py content locally.			C64860	379.6	380	0.4	0.536	AGAT_FAICP		
380.00	**383.50**	**(FGG) Felsic Gneiss Granitic, ( )**	C64861	380	380.5	0.5	0.508	AGAT_FAICP		
Medium grained moderately foliated pinkish grey FGG. Gradational sharp contacts. Medium grained muscovite and biotite and silliminite wips pervasively throuhgout along foliation. Minor diss medium Py pervasively. Weak pink alteration observed pervasively.			C64862	380.5	381	0.5	0.27	AGAT_FAICP		
			C64863	381	381.5	0.5	0.098	AGAT_FAICP		
			C64864	381.5	382	0.5	0.224	AGAT_FAICP		
			C64865	382	382.5	0.5	0.11	AGAT_FAICP		
			C64867	382.5	383	0.5	0.144	AGAT_FAICP		
			C64868	383	383.5	0.5	0.437	AGAT_FAICP		
383.50	**384.25**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64869	383.5	384.25	0.75	0.37	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Minor diss fine Py.										
384.25	**385.65**	**(FGG) Felsic Gneiss Granitic, ( )**	C64870	384.25	384.65	0.4	0.302	AGAT_FAICP		
Medium grained moderately foliated grey FGG. Gradational sharp contacts. Medium grained muscovite and biotite and silliminite wips pervasively throuhgout along foliation. Minor diss medium Py pervasively. Minor K alteration observed locally.			C64871	384.65	385	0.35	0.551	AGAT_FAICP		
			C64873	385	385.65	0.65	0.983	AGAT_FAICP		
385.65	**387.75**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64874	385.65	386	0.35	0.199	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Minor diss fine Py. Gradual upper contact sharp lower contact.			C64875	386	386.5	0.5	0.782	AGAT_FAICP		
			C64876	386.5	387	0.5	0.306	AGAT_FAICP		
			C64877	387	387.35	0.35	0.198	AGAT_FAICP		
			C64879	387.35	387.75	0.4	0.843	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
387.75	**388.41**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C64880	387.75	388.05	0.3	0.331	AGAT_FAICP		
			C64881	388.05	388.41	0.36	1.24	AGAT_FAICP		
		Coarse grained grey granitic PEG vein with minor coarse biotite between qtz and felds crystals. Sharp contacts. Pink K alteration locally. Trace Py.								
388.41	**390.44**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64882	388.41	389	0.59	0.55	AGAT_FAICP		
			C64883	389	389.5	0.5	0.19	AGAT_FAICP		
		Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Minor diss fine Py. Locally garnet aggregates observed.	C64884	389.5	390	0.5	0.205	AGAT_FAICP		
			C64885	390	390.44	0.44	0.192	AGAT_FAICP		
390.44	**390.66**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Coarse grained biotite rich granitic PEG vein. Minor to trace Py and Po.								
390.66	**392.50**	**(FGG) Felsic Gneiss Granitic, ( )**	C64887	390.44	391	0.56	1.54	AGAT_FAICP		
			C64888	391	391.5	0.5	0.228	AGAT_FAICP		
		Medium grained moderately foliated grey FGG. Gradational sharp contacts. Medium grained muscovite and biotite and silliminite wips pervasively throuhgout along foliation. Minor diss medium Py and Trace Po pervasively. Weak K alteration.	C64889	391.5	392	0.5	0.169	AGAT_FAICP		
			C64890	392	392.5	0.5	0.57	AGAT_FAICP		
392.50	**393.20**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C64891	392.5	393.2	0.7	0.76	AGAT_FAICP		
		Medium to coarse grained massive pink and white PEG vein with short diffuse contacts. Minor Po and Py within vein. Weak K alteraton pervasively.								
393.20	**395.67**	**(FGG) Felsic Gneiss Granitic, ( )**	C64893	393.2	394	0.8	0.78	AGAT_FAICP		
			C64894	394	394.5	0.5	0.215	AGAT_FAICP		
		Medium grained moderately foliated grey FGG. Gradational sharp contacts. Medium grained muscovite and biotite and silliminite wips pervasively throuhgout along foliation. Minor diss medium Py and Trace Po pervasively. Weak K alteration.	C64895	394.5	395	0.5	0.234	AGAT_FAICP		
			C64896	395	395.67	0.67	0.212	AGAT_FAICP		
395.67	**398.58**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64897	395.67	396.07	0.4	0.505	AGAT_FAICP		
			C64899	396.07	396.5	0.43	0.159	AGAT_FAICP		
		Medium grained compositionaly banded moderately foliated light grey FGS with qtz flooding. Biotite content varies. Minor epidote pervasively. Several small PEG and qtz veins. Minor								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
diss fine Py throughout with trace Po.			C64900	396.5	397	0.5	0.29	AGAT_FAICP		
			C64901	397	397.5	0.5	0.087	AGAT_FAICP		
			C64902	397.5	398	0.5	0.061	AGAT_FAICP		
			C64903	398	398.58	0.58	0.081	AGAT_FAICP		
398.58	**400.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64904	398.58	399	0.42	0.284	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Minor diss fine Py and Po. Weak white alteration of the feldspars observed pervasively.			C64905	399	399.5	0.5	0.343	AGAT_FAICP		
			C64907	399.5	400	0.5	1.07	AGAT_FAICP		
400.00	**402.06**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64908	400	400.5	0.5	0.48	AGAT_FAICP		
Medium grained compositionaly banded moderately foliated light grey FGS with qtz flooding. Ample biotite content varies. Minor diss fine Py throughout with trace Po.			C64909	400.5	401	0.5	0.364	AGAT_FAICP		
			C64910	401	401.5	0.5	0.497	AGAT_FAICP		
			C64911	401.5	402.06	0.56	0.335	AGAT_FAICP		
402.06	**403.20**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C64913	402.06	402.5	0.44	0.281	AGAT_FAICP		
Coarse pink and grey grainitic PEG vein. Minor coarse biotite locally. Minor fine diss Py and Po.			C64914	402.5	403.2	0.7	0.131	AGAT_FAICP		
403.20	**414.21**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64915	403.2	403.5	0.3	0.823	AGAT_FAICP		
Medium grained compositionaly banded moderately foliated light grey FGS with qtz flooding. Biotite content varies. Minor epidote pervasively. Several small PEG and qtz veins. Minor diss fine Py throughout with trace Po. Only GBFG section between 409.82 to 410.08.			C64916	403.5	404	0.5	0.708	AGAT_FAICP		
			C64917	404	405	1	0.382	AGAT_FAICP		
			C64919	405	406	1	1.06	AGAT_FAICP		
			C64920	406	406.4	0.4	1.53	AGAT_FAICP		
			C64921	406.4	407	0.6	0.207	AGAT_FAICP		
			C64922	407	407.36	0.36	0.251	AGAT_FAICP		
			C64923	407.36	407.66	0.3	0.081	AGAT_FAICP		
			C64924	407.66	407.96	0.3	0.117	AGAT_FAICP		
			C64925	407.96	408.5	0.54	0.074	AGAT_FAICP		
			C64927	408.5	409	0.5	0.094	AGAT_FAICP		
			C64928	409	409.69	0.69	0.28	AGAT_FAICP		
			C64929	409.69	410.08	0.39	0.705	AGAT_FAICP		
			C64930	410.08	411	0.92	0.497	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64931	411	412	1	0.352	AGAT_FAICP		
			C64933	412	413	1	0.857	AGAT_FAICP		
			C64934	413	413.4	0.4	6.59	AGAT_FAGRA		
			C64935	413.4	413.7	0.3	4.98	AGAT_FAICP		
			C64936	413.7	414.21	0.51	0.971	AGAT_FAICP		
414.21	**415.03**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite**	C64937	414.21	414.6	0.39	0.551	AGAT_FAICP		
Fine to medium grained moderately foliated compositionally banded qtz flooded MAM unit. Locally qtz flooding nears a QV. Patches of green CPX throughout. Minor Py and Po pervasively.			C64939	414.6	415.03	0.43	1.16	AGAT_FAICP		
415.03	**421.72**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64940	415.03	415.5	0.47	3.11	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Fine to coarse biotite and qtz content vaires resulting compositional banding. Minor diss fine Py and Po. Several QVs observed within the section.			C64941	415.5	416	0.5	0.859	AGAT_FAICP		
			C64942	416	416.5	0.5	0.703	AGAT_FAICP		
			C64943	416.5	417	0.5	0.207	AGAT_FAICP		
			C64944	417	418	1	0.466	AGAT_FAICP		
			C64945	418	418.5	0.5	0.836	AGAT_FAICP		
			C64947	418.5	419	0.5	1.06	AGAT_FAICP		
			C64948	419	419.46	0.46	1.54	AGAT_FAICP		
			C64949	419.46	420	0.54	0.214	AGAT_FAICP		
			C64950	420	420.5	0.5	1.41	AGAT_FAICP		
			C64951	420.5	421	0.5	1.26	AGAT_FAICP		
			C64953	421	421.72	0.72	1.96	AGAT_FAICP		
421.72	**422.12**	**(QFP) Quartz Feldspar Porphyry, ( )**	C64954	421.72	422.12	0.4	0.057	AGAT_FAICP		
Small QFP unit. Large coarse plag porhs within a medium grained biotite rich matrix. Short gradational contacts. One small QV within. No sulfides.										
422.12	**435.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C64955	422.12	423	0.88	0.94	AGAT_FAICP		
Fine to coarse grained moderately foliated dark grey porphyroblastic GBFG. Medium to coarse grained garnets unevenly distributed throughout. Biotite and qtz content vaires resulting compositional banding. Minor diss fine Py and Po. Several QVs unevenly distributed throughout the section.			C64956	423	423.5	0.5	0.769	AGAT_FAICP		
			C64957	423.5	424	0.5	0.67	AGAT_FAICP		
			C64959	424	424.5	0.5	0.56	AGAT_FAICP		
			C64960	424.5	425	0.5	0.844	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64961	425	425.5	0.5	1.65	AGAT_FAICP		
			C64962	425.5	426	0.5	0.895	AGAT_FAICP		
			C64963	426	426.5	0.5	1.58	AGAT_FAICP		
			C64964	426.5	427	0.5	1.53	AGAT_FAICP		
			C64965	427	427.5	0.5	1.8	AGAT_FAICP		
			C64967	427.5	428	0.5	1.27	AGAT_FAICP		
			C64968	428	428.5	0.5	1.42	AGAT_FAICP		
			C64969	428.5	429	0.5	1.06	AGAT_FAICP		
			C64970	429	429.5	0.5	0.681	AGAT_FAICP		
			C64971	429.5	430	0.5	0.297	AGAT_FAICP		
			C64973	430	430.5	0.5	1.35	AGAT_FAICP		
			C64974	430.5	431	0.5	2.58	AGAT_FAICP		
			C64975	431	431.5	0.5	1.66	AGAT_FAICP		
			C64976	431.5	432	0.5	2.14	AGAT_FAICP		
			C64977	432	432.5	0.5	3.66	AGAT_FAICP		
			C64979	432.5	433	0.5	18.4	AGAT_FAGRA		
			C64980	433	433.5	0.5	2.23	AGAT_FAICP		
			C64981	433.5	434	0.5	3.28	AGAT_FAICP		
			C64982	434	434.5	0.5	4.59	AGAT_FAICP		
			C64983	434.5	435	0.5	6.7	AGAT_FAGRA		
435.00	**436.42**	**(QV, AMP) Quartz Vein, Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Fine to medium grained QV1 vein or almost completely qtz flooded MAM unit. Minor diss fine to medium Amp cyrstals within the qtz and local bands with increased Amp. Minor diss fine Py and Po.	C64984	435	435.5	0.5	5.4	AGAT_FAGRA		
			C64985	435.5	436	0.5	1.31	AGAT_FAICP		
			C64987	436	436.42	0.42	5	AGAT_FAGRA		
436.42	**440.81**	**(MAM) Mottled Amphibolite, ( )** Fine to medium grained weakly to moderately foliated MAM unit. Unit is almost completely altered and qtz flooded with ample scapolite seen as the slight pinkish colour. Minor diss fine Py and Po. Qtz flooding isn't as clear or coarse grained as QV1/MAM above.	C64988	436.42	437	0.58	7.97	AGAT_FAGRA		
			C64989	437	437.5	0.5	1.29	AGAT_FAICP		
			C64990	437.5	438	0.5	1.3	AGAT_FAICP		
			C64991	438	438.5	0.5	1.88	AGAT_FAICP		
			C64993	438.5	439	0.5	0.598	AGAT_FAICP		
			C64994	439	439.5	0.5	0.311	AGAT_FAICP		
			C64995	439.5	440	0.5	0.179	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64996	440	440.5	0.5	0.2	AGAT_FAICP		
			C64997	440.5	440.81	0.31	0.112	AGAT_FAICP		
440.81	**449.82**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C64999	440.81	441.5	0.69	0.363	AGAT_FAICP		
Fine to medium grained moderately foliated green footwall AMP. Patchy CPX throuhgout. Compositional banding. Minor Po. Sharp gradual upper and lower contacts. Fine trace garnets observed locally.			C65000	441.5	442	0.5	0.181	AGAT_FAICP		
			C63501	442	443	1	0.095	AGAT_FAICP		
			C63502	443	444	1	0.066	AGAT_FAICP		
			C63503	444	445	1	0.349	AGAT_FAICP		
			C63504	445	446	1	0.141	AGAT_FAICP		
			C63505	446	447	1	0.087	AGAT_FAICP		
			C63507	447	448	1	0.06	AGAT_FAICP		
			C63508	448	449	1	0.035	AGAT_FAICP		
			C63509	449	449.82	0.82	0.079	AGAT_FAICP		
449.82	**450.48**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C63510	449.82	450.48	0.66	0.006	AGAT_FAICP		
Fine grained moderately to weakly foliated grey FGS. Trace Po and Py.										
450.48	**453.21**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C63511	450.48	451	0.52	0.02	AGAT_FAICP		
Fine to medium grained moderately foliated green footwall AMP. Patchy CPX throuhgout. Compositional banding. Minor Po. Sharp gradual upper and lower contacts. Fine trace garnets observed locally.			C63513	451	452	1	0.134	AGAT_FAICP		
			C63514	452	453.21	1.21	0.082	AGAT_FAICP		
453.21	**458.29**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63515	453.21	453.72	0.51	0.081	AGAT_FAICP		
Medium grained weakly to moderately foliated grey FGS. Grain size varies locally. Small section is fractured and brecciated slightly. Minor moderate alteration halo around one area with several random veinlets. Gradual short contacts. Trace Po. Several QV QF veins.			C63516	453.72	454.25	0.53	0.218	AGAT_FAICP		
			C63517	454.25	455	0.75	0.055	AGAT_FAICP		
			C63519	455	456	1	0.038	AGAT_FAICP		
			C63520	456	457	1	0.033	AGAT_FAICP		
			C63521	457	457.72	0.72	0.008	AGAT_FAICP		
			C63522	457.72	458.29	0.57	0.01	AGAT_FAICP		
458.29	**462.38**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C63523	458.29	459	0.71	0.034	AGAT_FAICP		
Fine to medium grained moderately foliated green footwall AMP. Patchy CPX throuhgout. Compositional banding. Minor Po. Sharp gradual upper and lower contacts. Fine trace			C63524	459	460	1	0.066	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
garnets observed locally.			C63525	460	461	1	0.022	AGAT_FAICP		
			C63527	461	462.38	1.38	0.018	AGAT_FAICP		
462.38	**463.91**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63528	462.38	463	0.62	0.009	AGAT_FAICP		
Medium grained weakly to moderately foliated grey FGS. Grain size varies locally. Small section is fractured and brecciated slightly. Minor moderate alteration halo around one area with several random veinlets. Gradual short contacts. Trace Po.			C63529	463	463.91	0.91	0.009	AGAT_FAICP		
463.91	**465.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C63530	463.91	464.5	0.59	0.011	AGAT_FAICP		
Fine to medium grained moderately foliated green footwall AMP. Patchy CPX throuhgout. Compositional banding. Minor Po. Sharp gradual upper and lower contacts. Fine trace garnets observed locally. EOH = 465.00m			C63531	464.5	465	0.5	0.033	AGAT_FAICP		

Hole ID : **BL19-01082**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	220.1	Easting :	331587.65	Logged By :	Alex.Jibb
Dip :	-74.6	Northing :	5303442.69	Logged By 2 :	Tyler.Compton
Length :	462	Elevation :	442.084	Log Start :	5-May-2019
Drill Start :	4-Apr-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	9-May-2019
Drill Completed :	10-Apr-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Used proposed numbers to be able to see trace in leapfrog. Core ends at 462m but Multishot survey records a maximum depth of 465m. No discrepancy in meter blocks. Deleted Multishot survey point at 465m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**7.87**	**(DIO) Diorite, (DIOUNO) Diorite to granodiorite unit** Dark grey; fcg; moderate pervasive silicification and weak selective POT alteration to cg suhedral texture defining feldspar eyes; matrix composed of fg dissem BIO and AMP/HBL (10% each); few mm-cm scale QZ-CB stringers cut unit at random intervals/orientations showing weak POT alt halos; 1insignificant QZ-PEG vn cut such that only 1/8th of the core consists of vein while the other 7/8ths is host DIOUNO; no significant mineralization; gradational lower contact drawn due to dissapearance of cg texture-defining feldspar phenocrysts								
7.87	**13.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey; fmg; moderate silicification; weak patchy POT alt lclly showing as HALOs around QZ-CB stringers; 1 QZ vn showing moderate potassic alteration halos similar in appearance to uphole QV where only 1/4th of the core contains the vein; vuggy EPI and AMP line vein margins; weak dioritic fabric to whole of unit defined by cg feldpsars similar to above DIOUNO; 1% fg dissem PY overall								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
13.40	**40.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to grey to pinkish-grey; fmg; moderate pervasive silicification; weak patchy potassic alteration shows lclly as halos around stringers; 2-3 QZ-PEG veins lclly hosting mcg patchy PY min; few PEG stringers otherwise; 1 siliceous QZ-AMP-BIO (QV1-like) vein at 31.37-31.55m hosting fcg AMP and BIO with minor 0.5-1.0% fmg PY; lcl vuggy EPI lines lcl vein margins; AMP-rich FGS (up to 15%) sliver from 30.68-30.99m; overall RQD of interval 20-30% with most of core broken/blocky to lclly ground; 2-3% fg to lclly mcg PY min; sharp lower contact with AMP								
40.25	**41.10**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** Black to dark green; fg; relatively unaltered AMPUM "dyke" cutting up- and down-hole FGS; fg dissem AMP/HBL throughout; 0.5-1.0% vffg dissem PY min; sharp lower contact								
41.10	**50.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey; fmg; weakly-moderately silicified with weak patchy POT alt lclly showing as halos around QZ-CB stringers; few cm-scale PEGQG stringers cut unit also showing POT alt halos; RQD for interval <20% with most of the interval composed of blocky core; 1% fmg dissem PY min overall; inferred lower contact drawn due to increase in grain size and re-emergence of weak dioritic fabric								
50.10	**52.33**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to grey to pinkish-grey; fcg; moderate pervasive silicification and weak-moderate patchy POT alt lclly showing as halos around QZ-CB stringers; weak-moderate QZE/DIO texture defined throughout with phenocrysts showing sub- to anhedral habit and weak POT staining; 0.5% vffg dissem PY min; inferred lower contact drawn due to change in grain size and overall texture								
52.33	**62.08**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to grey to pinkish-reddish-grey; fmg; moderate pervasive silicification; patchy weak-moderate potassic alteration; weak POT alt halos around QZ-CB stringers cutting unit at random intervals and orientations; 2-3 cm-scale PEGQG stringers show strong POT alt halos; RQD for interval 30-40% with broken/blocky core throughout and lcl grind; 1% vffg dissem PY min overall								
62.08	**62.38**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Pink to white to black; fcg; moderate silicification and strong potassic alteration; 3-4% mg dissem to patchy BIO entrained in vein-material; 2-3% cg patchy PY min vein-hosted; sharp upper and lower contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
62.38	**86.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark grey; fmg; moderate-strong silicification and weak patchy POT alteration throughout; 68.19-68.45m shows strong dioritic fabric defined by weakly potassic-stained subhedral fedlspars xenoliths/phenocrysts; mm-cm scale QZ-CB stringers cut unit showsing weak POT alt halos; 2-3% fmg dissem PY min throughout with lcl high-concentrations up to 4-5% fcg dissem								
86.30	**86.60**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		Opaque white; fmg; 0% RQD; no sig min or alt; sharp upper and lower contacts								
86.60	**92.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Dark grey to grey; fmg; moderate-strong silicifcation; weak potassic halo alteration around mm-cm scale QZ-CB stringers; 1 6cm lamp dyke at 91.50-91.56m measured at 30dtca both on upper and lower contact; trace dioritic fabric lclly; 2% vffg dissem PY min overall								
92.65	**95.60**	**(FGS, DIO) Felsic Gneiss Sedimentary, Diorite, ( )**								
		Grey to dark grey; fcg; moderate silicification; possible DIOUNO due to texture and presence of feldspar eyes defining POR texture; few QZ-CB stringers cut unit showing strong alteration HALOs; no sig min; gradational lower contact								
95.60	**111.14**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark grey; fcg; mod-strong silicification and weakly-moderately siliceous throughout; FGS-dominant unit with slivers (up to 30cm lclly) of mafic amphibolite "pods" entrained in unit; siliceous nature mixed with AMP-pods define a very weak MAM-like appearance from 105-109m; 1 20cm QV2 at 96-96.20m hosting no sig min and another at 108.13-108.30m; lcl QZ stringers/pods host 1-2% mcg patchy PY; 3-4% fmg dissem PY min								
111.14	**119.75**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark grey to grey to pinkish-grey to reddish-pink; fcg; moderate-strong silicification and weak siliceous nature to unit defining a moderate QZE texture throughout; several mm-scale QZ-CB stringers showing weak-moderate potassic alteration halos; 117.8-119.75m shows no QZE texture but lithologically continuous; 3-4% fcg dissem to lclly patchy PY min throughout; sharp lower contact with intensely pot altered FGG								
119.75	**120.70**	**(FGG) Felsic Gneiss Granitic, ( )**								
		Dark reddish-pink to red; fg; intense pervasive potassic alteration; few QZ-CB stringers cut unit; no sig min; sharp lower contact with UMD-LAMPD								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

120.70 121.32 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fg; no sig min; 5cm alteration halo on upper and lower flanks of both contacts; sharp upper and lower contacts measured at 50dtca each

121.32 121.64 (FGG) Felsic Gneiss Granitic, ( )

Pinkish grey; fmg; moderate-strong silicifcation and weak pervasive potassic alteration; trace PY min; sharp upper and lower contacts as unit is sandwiched between LAMP dykes

121.64 122.60 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fg; no sig min or alt; sharp upper and lower contacts measured at 20dtca each

122.60 125.58 (FGS) Felsic Gneiss Sedimentary, ( )

Pink to dark grey; fmg; moderate pervasive silicification and moderate patchy POT alt with lcl stringers showing wk-mod POT alt halos; 1 10cm QV2 cut unit sub-parallel to trace foliation; 2% fg dissem PY min overall

125.58 129.00 (DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass

Grey to reddish-pink; fcg; moderate pervasive silicification; POR-texture and overall DIO fabric defined by mcg sub-hedral porrly formed FSP eyes showing weak-moderate potassic staining throughout; fracture-fill stringers show weak SER alt halos with bulk of stringers cutting unit showing moderate POT alt halos; no sig min

129.00 131.63 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey to lclly reddish-pink; fmg; moderate pervasive silicification; no significant/dominant texture; weakly conglomeratic consisiting of PEG and AMP rounded clasts; 2% fg dissem PY min

131.63 132.10 (PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)

Pink to white; fcg; moderate silicification; patchy potassic alteration; melt textured; 1% fmg dissem PY min; sharp upper and lower contacts

132.10 139.92 (FGS) Felsic Gneiss Sedimentary, ( )

Pinkish grey to reddish-pink to dark grey; localized intervals of varying grain size and

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

alteration with a strong pervasive silicification dominating unit; QZE texure defined locally and bulk of unit weakly to locally strongly siliceous; 2-3% fmg dissem PY throughout; gradational lower contact drawn due to increase of pervasive potassic alteration

139.92 145.74 (FGS) Felsic Gneiss Sedimentary, ( )

Red to reddish-pink to reddish-grey; fcg; moderate pervasive silification and increasing intensity of potassic alteration; trace fg dissem PY

145.74 146.92 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fmg; moderate silicifcation; weak foliatoin defined by elongated weakly-defined QZE measured at ~50dtca; few QZ-CB stringers cut unit showing strong POT alt halos; 1% fg dissem PY min; gradational lower contact drawn due to increase pervasive potassic alteration

146.92 147.90 (FGS) Felsic Gneiss Sedimentary, ( )

Reddish-pink to red to reddish-grey to grey; fcg; moderate pervasive silicification and moderate pervasive potassic alteration; moderate-strong QZE texture defined by rounded to sub-rounded well-formed CG quartz; few mm-scale QZ-CB stringers showing strong POT alt halos; 0.5-1% fg dissem PY min; inferred lower contact drawn due to change in potassic alteration

147.90 149.85 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to reddish-pinkish-grey; fcg; moderate pervasive silicfication and weak-moderate potassic alteration halos around mm-cm scale QZ-CB stringers; 1% fg dissem PY min; sharp lower contact with AMP dyke measured at 60dtca

149.85 150.33 (AMP) Amphibolite, ( )

Dark green; fmg; moderate silicification and moderate-strong foliation defined by medium-grained elongate AMP grains stretched along foliation plane measured at 60dtca; no sig min; sharp upper and lower contacts measured at 60dtca

150.33 154.62 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to reddish-pink to reddish-grey; fmg; moderate pervasive silicification; weak patchy POT alt and moderate POT alt halos around mm-cm QZ-CB stringers; 1% fg dissem PY; sharp lower contact with AMPG

154.62 165.86 (AMPG) Amphibole Felsic Gneiss, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Green to dark green; mcg; no significant alteration; sub-rounded to rounded well-formed mcg AMP/HBL phenocrysts/porphyroblsts define POR texture and show a very weak foliation weakly defined by stretching of POR-defining HBL measured at ~60dtca; felsic/siliceous background to whole interval; no significant mineralization								
165.86	**174.18**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to reddish-pinkish-grey; fcg; moderate-strong pervasive silicifcation; weak-moderate pervasive potassic alteration; QZE texture weakly-moderately defined by subhedral moderately-formed QZ grains; few mm-scale stringers cut unit showing moderate potassic alteration halos; 1% fg dissem to lclly wispy PY min								
174.18	**175.34**	**(AMPG, FGS) Amphibole Felsic Gneiss, Felsic Gneiss Sedimentary, ( )**								
		Split 80/20 interval composed of POR-textured AMPG showing a trace of foliation measured at ~60dtca and siliceous weakly QZE-textured FGS showing moderate pervasive silicifcation and weak patchy potassic alt including moderate HALOs around QZ-CB stringers; 0.25% fg dissem PY min exclusive to FGS units								
175.34	**178.39**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Reddish-pinkish-grey to grey; fcg; moderate pervasive silicification and weak-moderate pervasive potassic alteration (lclly strong); weakly defined QZE texture showing a weakly defined foliation measured at ~60dtca; mm-scale QZ-CB stringers cut unit sub-parallel tca/foliation showing strong POT alt halos; 0.5% vffg dissem PY min								
178.39	**178.94**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
		Dark green to reddish-green; fcg; felsic background showing weak potassic alteration while texture defining sub-rounded well-formed AMPG grains exhibit no significant alteration; no significant mineralization; sharp upper and lower contacts								
178.94	**180.90**	**(FGS, AMPG) Felsic Gneiss Sedimentary, Amphibole Felsic Gneiss, ( )**								
		Split 85/15 interval composed of QZE-textured weakly FOL (60dtca) moderately silicified fcg FGS and minor POR-textured green AMPG; no significant silicification to AMPG unit indicating a later timing relative to FGS; few mm-scale QZ-CB stringers cut unit sub-parallel to weak foliation showing weak-moderate SER alt halos; 1% fmg dissem (lclly patchy) PY min								
180.90	**190.93**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
		Green to dark grey to reddish-green; fcg; no pervasive silicifcation; felsic background shows moderate potassic alteration with increase from 183.5-186.13m and trace alteration								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		otherwise; trace foliation defined by very very weak stretching of lcl texture-defining AMP/HBL grains; AMP/HBL well-formed and subrounded to rounded; 1% vffg dissem PY min throughout; gradational lower contact								
190.93	**204.48**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to dark grey to reddish-grey; fcg; strong silicifcation with patchy weak POT alt; moderate QZE texture defined towards top of interval; weak moderate foliation defined by fmg BIO and stretching of QZE along foliation plane measured at ~50dtca with mm-cm scale QZ-CB stringers lclly defining foliation as well; 3% fmg dissem PY min								
204.48	**204.86**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		White; fcg; inclusions of cg mineralized potassic-feldspar (likely othoclase); tr PY overall								
204.86	**213.48**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to beige/tan-bown to reddish-pink; moderately silicified; moderate patchy serecitization; weak-mod patchy POT alt; QZE texture well-defined from 208.5-212.5m; few QZ-CB stringers cut unit sub-parallel to weak-defined foliation measured at ~55dtca; 1% fg dissem PY min								
213.48	**215.21**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Reddish-pink to grey/dark grey; fcg; moderate pervasive silicification; weak-moderate patchy POT alt with strong POT alt halos around mm-scale QZ-CB stringers; banded texture defined by POT alt halos and QZ-CB stringers; 1% fg dissem PY min								
215.21	**218.48**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to dark grey; fmg; moderate silicification; weak patchy/halo SER and POT alt; 2% fg disesm to lclly wispy PY min; sharp lower contact with QV2								
218.48	**219.00**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		Reddish-pink to white (dominant); inclusions of cg melt-textured kspar host 1% overall fcg dissem to lclly AGR/PAT PY min; gradational lower contact								
219.00	**221.36**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey; moderately siliceous; mm-scale QZ-CB stringers show moderate POT alt halos lclly; 1% fg dissem PY								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

221.36 222.25 (AMP) Amphibolite, ( )

Dark green; fmg; AMP dyke shows patchy epidote and moderate potassic alteration banding; few QZ-CB stringers showing POT alt halos cut unit; no sig min; sharp upper and lower contact

222.25 229.00 (FGS) Felsic Gneiss Sedimentary, ( )

Dark to light grey to reddish-pinkish-grey; fmg; moderate pervasive silicifcation; patchy weak POT alt and moderate POT HALOs around QZ-CB stringers; weak banded texture defined lclly; inferred lower contact drawn due to increase in grain size and change in litho

229.00 230.29 (DIO) Diorite, (DIOUNO) Diorite to granodiorite unit

Grey to dark grey; fcg; moderate silicification; poorly-formed anhedral to subhedral FSP/QZ grains define texture; gradational lower contact with FGS; 0.5% fg dissem PY min

230.29 233.65 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey; fmg; mod-strong silicification; weak POT and SER alt halos (tr overall); weakly defined dioritic fabric lclly; increase in vuggy fmg dissem epidote mineralization; 2% fg dissem PY min; sharp lower contact with AMP unit

233.65 240.67 (AMP) Amphibolite, ( )

Dark to light green; fmg; no dominant texture or alteration assemblage; unit hosts 5-7% fmg dissem/patchy to vuggy epidote and is cut by many mm-scale QZ-CB stringers showing weak SER alt halos lclly; 2-3% fmg dissem to wispy PY min; RQD essentially 0% for this interval; sharp lower contact with FGS

240.67 242.55 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey to purply-grey; fmg; mod-strong silicification and weak-moderate siliceous nature to unit defines banding in conjunction with 1% fmg wispy/banded PY stringers; RIE alteration gives purply hue to unit; sharp upper and lower contacts

242.55 250.97 (AMPG) Amphibole Felsic Gneiss, ( )

Dark to light green; fcg; strong POR texture defined by sub-hedral well-formed AMP/CPX/HBL clasts; unit shows trace to very weak foliation defined by subtle stretching of lcl clasts along FOL plane measured at ~60dtca; unit shows similar potassic alteration to above AMPG units wherein only the felsic background seems to be altered; no significant mineralization to whole of interval; sharp upper and lower contacts with flanking FGS

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

250.97 256.90 (FGS) Felsic Gneiss Sedimentary, ( )

Beige to greenish-grey to reddish-greenish-grey; fmg; pervasively silicified; banded SER and POT alt define texture with minor AMP and vuggy EPI also stretched along fol plane measured at ~65dtca (sub-vertical); 2-3% banded/wispy PY min throughout

256.90 267.00 (FGS) Felsic Gneiss Sedimentary, ( )

Dark to light grey to lclly reddish-grey; fcg; moderate-strong pervasive silicification; patchy moderate POT and SER alt define moderate banded texture; 1 PEGQZ at 260.5-260.8m hosting no sig min; AUG texture well-defined at 265.7-266.0m; 3% fmg dissem to patchy/wispy PY min

267.00 271.87 (FGS) Felsic Gneiss Sedimentary, ( )

Red to reddish-pink to grey; moderate silicification and intense POT alt from 267-268.44m; 1 small UMD-LAMPD from 267.85-268m; 3 5-10cm PEGQZ/QV2 veins hosting no sig min with sharp upper and lower contacts; many mm-scale QZ-CB stringers cut unit at irregular intervals/orientations; no significant mineralization to whole of unit

271.87 273.74 (QFP) Quartz Feldspar Porphyry, ( )

Red to black; fcg; moderate pervasive silicifcation and strong potassic alteration to texture-defining QZ phenocrysts; phenocrysts are poorly formed and anhedral to subhedral in shape; minor epidote lclly; no sig min; sharp lower contact with UMD-LAMPD

273.74 274.90 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Black; fine-grained; no sig min or alt; sharp upper and lower contacts measured at 20 at 60 dtca respectively

274.90 281.50 (FGS) Felsic Gneiss Sedimentary, ( )

Red to reddish-pink to reddish-grey; fmg; moderate silicification and pervasive moderate-strong potassic alteration to whole of interval; weak-moderate POR/DIO texture defined from top of interval to ~278.33m; 276.75-277m and 278.33-278.70 show massive-textured QV2's (lclly pgm textured) hosting no sig min and include uphole and downhole (relative to vein) potassic feldspars; weak banding defined by alteration halos around mm-scale QZ-CB stringers; 1 AMP intrusive from 280.67-280.89m; no sig min to interval

281.50 282.00 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Dark green to black; fcg; 15% cg patchy BIO dominate interval with minor patchy SER/POT alteration halfway through interval; unit hosts no sig min and has gradational/inferred upper

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
and lower contacts										

282.00 286.10 (FGS) Felsic Gneiss Sedimentary, ( )

Greyish-red to reddish-pink to grey; fmg; moderately silicified and weakly-moderately potassic altered FGS unit displaying no dominant texture; 1 PEGGR stringer at 284.88-284.95m hosting no sig min; no sig min to whole of interval; sharp lower contact with AMP measured at 60dtca

286.10 290.37 (AMP) Amphibolite, ( )

Dark green to green; weakly silicified; weak dioritic fabric defined lclly by fmg irregularly-sharped poorly-formed feldspar phenocrysts; foliation defined my fmg AMP grains stretched along foliation plane measured at ~60dtca; minor (1%) fg dissem to patchy/vuggy epidote mineralization; no sig min; sharp upper and lower contacts

290.37 290.54 (QV) Quartz Vein, (QZVT2) Massive quartz vein

White; fcg; hosts inclusions of ser-altered feldspar; no sig min; sharp upper and lower contacts

290.54 305.55 (FGS) Felsic Gneiss Sedimentary, ( )

Reddish-pink to red to pinkish-grey to grey; fmg; localized intervals of varying potassic alteration intensity with a persistent moderate-strong silicification to whole of inteval; moderate patchy SER alt downhole starting around 296m with bulk of SER alt appearing as halos around mm-scale QZ-CB stringers cutting unit sub-parallel to foliation measured at ~55-60dtca; banding and subsequent foliation defined by POT alteration bands/halos and lclly vuggy fg EPI stringers; 1 AMP dyke cuts unit from 294.90-295.04m continuning banding defined up- and down-hole of dyke; 2-3% fmg dissem to wispy PY min overall; gradational lower contact defined by increase in potassic alteration

305.55 308.38 (FGS) Felsic Gneiss Sedimentary, ( )

Red to pinkish-red to reddish-grey; unit strongly potassic altered with lcl sections of intense/replacement alteration; few PEGGR/PEGQG stringers cut unit hosting no sig min; no sig min overall; sharp lower contact with UMD-LAMPD measured at 80dtca (sub-vertical)

308.38 309.28 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Beige; fmg; weakly silicified; no sig min or alt; sharp upper and lower contacts measured sub-veritcally tca

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
309.28	**314.30**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**								
		Split 80/20 interval composed of silicified and weakly potassic-altered FGS with lcl mod-strong SER alt halos around stringers and melt-textured PEGGR/PEGQG veins with lcl QV2 stringers hosting minor potassic-altered feldspars; no sig min to veining; weak-mod foliation measured at 60dtca; weak-mod banding defined by pot-alt halos and mm-cm scale QZ-CB stringers; 0.5% fg dissem PY min								
314.30	**314.87**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Pink to green to white; mcg; moderate melt-textured; no mineralization hosted in vein; sharp upper and lower contacts								
314.87	**320.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Pinkish-grey to pink to beige to grey; fcg; moderate-strong silicifcation; patchy weak-moderate POT alt lclly showing as halos around mm-scale QZ-CB stringers; trace fg dissem PY min								
320.00	**320.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Beige to white/pink; fcg; moderate SER alt to CG feldspars composing vein matrix; no sig min; sharp upper and lower contacts								
320.30	**322.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark grey; fmg; moderate silicification; trace/weak POT alt; banding defined by mg AMP grains and QZ-CB stringers defining a weak foliation measured at 60dtca; end of interval shows moderate-strong brecciation into lower FGS; 2-3% fmg dissem to bnd PY min								
322.15	**330.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Red to reddish-pink/pinkish-red; fmg; moderate silicification; strong pervasice potassic alteration to whole of interval; moderately-defined BX texture at top of interval; several mm-cm scale barron QZ-CB stringers cut unit throughout; 1 15cm BX-textured PEGGR vein at 327.45-327.60m; 1 galena-bearing QZ vein at 328-328.06m (<1% galena); AMP dyke showing weak foliation defined by potassic-altered MG amp grains measured at 60dtca from 329.06-329.25m; sharp lower contact with UMD-LAMPD measured at 15dtca								
330.40	**331.55**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Dark brown; fmg; no sig min or alt; sharp upper and lower contacts measured at 15 and 10dtca respectively								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

331.55 337.97 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey to lclly beige-grey; fcg; moderate-strong silicification; patchy moderate SER alt develops downhole with lcl SER alt halos around mm-cm scale QZ-CB stringers; well-developed QZE texture defined by subhedral well-formed QZE; weak-moderate banding defined by QZ-CB stringers and SER/POT alt halos; 2% fg dissem PY min throughout

337.97 345.16 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey to dark green to black; localized intervals of varying grain size; clotty texture defined by 10% AMP entrained in FGS unit giving dark-green colour to unit; weak-moderate pervasice silicification with weak-moderate patchy POT and SER alt to backgroud; banded texture defined by mg anhedral AMP and 8-10% fmg dissem/patchy BIO; 1-2% fmg dissem PY to lclly mimicing banding

345.16 348.96 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to light grey; fcg; moderate-strong silicifcation with lcl stringers showing weak-moderate SER alt halos (lcl patchy SER alt); moderately defined QZE texture shows stretching which defines a weak-moderate banding; 1 QZ-AMP-BIO vein at 346.37-346.56m hosting 1% (lclly) fcg dissem/wispy PY; 1% fmg dissem to lclly pathcy/wispy PY min overall

348.96 350.47 (AMP) Amphibolite, ( )

Dark green to dark grey; fcg; moderate CL alteration defines banded texture; weak mylonitic texture defined by cg AMP grains showing weak-moderate strain shadows amongs a AMP-rich matrix (minor FGS component) 0.5% fg wispy/STR PY min mimicing banding

350.47 351.88 (DIO) Diorite, ( )

Dark grey to grey; fmg; moderately silicified; moderately-defined DIO fabric with mg feldspar/quartz phenocrysts moderately formed and sub-rounded to rounded in habit; 5-7% fmg AMP defines matrix with similar abundances of BIO; FGS-like appearance but presence of 1% vffg dissem to lclly vuggy epidote denotes this unit DIO (possible DIOP1); trace fg dissem PY min

351.88 353.40 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey; fmg; moderate silicification; weak banding defined by ~10% fmphibole and minor <1% fg PY stringers; DIO-like fabric from 352.7-353.1 defined by mg epidote; sharp lower contact with PEGQG

353.40 353.78 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		White; fmg; melt-textured PEGQG; 4-5% fcg dissem to AGR BIO vein-hosted; no sig min; sharp lower contact								
353.78	**360.73**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to dark green; fmg; moderate pervasive silicifcation and weak-moderate BND CL alteration defines texture; 1-2% fg dissem PY to lclly wispy mimicing banding; gradational lower contact with AMPG								
360.73	**361.74**	**(AMPG) Amphibole Felsic Gneiss, ( )** Dark green to reddish-green to dk grey; fcg; moderate silicification and weak-moderate background POT alteration; strong MYL texture defined by cg AMP grains showing stretching along weakly-defined foliaiton plane; no sig min; sharp lower contact with FGS - SAMPLING TO BEGIN 361.74-EOH (465m)								
361.74	**368.09**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to light grey to tan-brown/beige; moderate-strong pervasive silicification and lcl moderate patchy SER alt with bulk of moderate SER alt showing as halos around QZ-CB stringers; 3 QV2 veins cut unit hosting no sig min; gradational lower contact with GBFG - SAMPLING BEGINS STARTING AT 361.74M	A68347	361.74	362.27	0.53	0.226	AGAT_FAICP		Selective samping - ore-like material begins at 361.74m. Sampling to continue to EOH (465m)
			A68348	362.27	362.57	0.3	0.135	AGAT_FAICP		
			A68349	362.57	363.2	0.63	0.131	AGAT_FAICP		
			A68350	363.2	364	0.8	0.09	AGAT_FAICP		
			A68351	364	365	1	0.037	AGAT_FAICP		
			A68353	365	366	1	0.783	AGAT_FAICP		
			A68354	366	367	1	0.068	AGAT_FAICP		
			A68355	367	368.09	1.09	0.269	AGAT_FAICP		
368.09	**370.26**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Dark grey to dark green to bluish-grey; fmg; moderately silicified and moderately chloritized defining banding; 3-5% fmg dissem to lclly POB GRT; 8-10% mcg patchy BIO towards end of interval; 1% fg dissem PY min lclly mimics banding; sharp lower contact	A68356	368.09	369	0.91	0.998	AGAT_FAICP		
			A68357	369	369.6	0.6	0.488	AGAT_FAICP		
			A68359	369.6	370.26	0.66	1.13	AGAT_FAICP		
370.26	**370.70**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** White to black to grey; fcg; moderately melt-textured; 10% fmg AGR/DIS BIO vein-hosted as well as 2% fmg dissem GRT; trace PY min overall hosted in AGR BIO; sharp lower contact	A68360	370.26	370.7	0.44	0.273	AGAT_FAICP		
370.70	**371.47**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		White; fmg; 8cm sliver of FGS at top of interval hosts no sig min; vein is barron hosting no sig min and minor (<1%) potassic-feldspar; inferred lower contact due to broken core	A68361	370.7	371.47	0.77	0.04	AGAT_FAICP		
371.47	**373.40**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68362	371.47	372.4	0.93	0.102	AGAT_FAICP		
		Dark grey to dark green to bluish-grey; fmg; moderately silicified and moderately chloritized defining banding; 3-5% fmg dissem to lclly POB GRT; 8-10% mcg patchy BIO towards end of interval; 1% fg dissem PY min lclly mimics banding; sharp lower contact	A68363	372.4	373.4	1	0.519	AGAT_FAICP		
373.40	**375.27**	**(FGG) Felsic Gneiss Granitic, ( )**	A68364	373.4	374.4	1	0.27	AGAT_FAICP		
		Pink; localized intervals of varying grain size; unit strongly pervaively silicifed and moderately potassic-altered (selective to feldspars); 5% mcg porphyritic-textured SILL and 15% fcg MUSC define unit mineralogically; traces of fg dissem PY throughout	A68365	374.4	375.27	0.87	0.159	AGAT_FAICP		
375.27	**375.87**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68367	375.27	375.87	0.6	0.345	AGAT_FAICP		
		Dark grey; fmg; banded texture defined by mm-scale fg PY stringers and elongated BIO (minor AMP) clasts similar in appearce to the FGC (this is not a conglomeratic unit); 1% fg dissem/band GRT; 2% PY overall; sharp upper and lower contacts								
375.87	**379.96**	**(FGG) Felsic Gneiss Granitic, ( )**	A68368	375.87	376.7	0.83	0.154	AGAT_FAICP		
		Pink to grey; fmg; localized intervals of varying potassic alteration intensity with lcl strong patchy alteration; lcl strong SER BND alteration around 378.7-379.2m; unit strongly pervasively silicified; 4-5% fmg dissem to wispy SILL and 15% fmg dissem to patchy/agr MUSC; 1 PEGGR at 376.80-376.93m hosting no sig min showing strong POT alteration; SILL and MUSC show traces/weak foliation measured at 50dtca lclly; 1% fg dissem PY min	A68369	376.7	377.1	0.4	0.071	AGAT_FAICP		
			A68370	377.1	378	0.9	0.42	AGAT_FAICP		
			A68371	378	378.62	0.62	0.461	AGAT_FAICP		
			A68373	378.62	379.3	0.68	0.723	AGAT_FAICP		
			A68374	379.3	379.96	0.66	1.58	AGAT_FAICP		
379.96	**380.91**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68375	379.96	380.91	0.95	0.617	AGAT_FAICP		
		Dark grey; fmg; moderately silicified; mg dissem to lclly band GRT 5% overall define texture in conjunction with 1% fg wispy PY stringers; 20-25% fmg dissem BIO composes matrix with 3-5% fmg MUSC mimicing moderatey-defined banding; sharp lower contact with FGG								
380.91	**383.25**	**(FGG) Felsic Gneiss Granitic, ( )**	A68376	380.91	381.9	0.99	0.068	AGAT_FAICP		
		Pinkish-grey to pink to grey-dominant; fcg; strong silicification and banded/patchy POT alteration defines banded texture in conjuntion with 10% stretched/elongated MUSC and 3-4% fmg similar stretched SILL; wispy SILL otherwise; banding sub-vertical to core axis; traces of fg dissem PY min	A68377	381.9	382.9	1	0.044	AGAT_FAICP		
			A68379	382.9	383.25	0.35	0.037	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
383.25	**384.57**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68380	383.25	384	0.75	0.412	AGAT_FAICP		
		Dark grey to blueish-grey; fmg; moderate silicification and moderate chloritization to whole of interval with 3-4% fg to lclly mg GRT defining a weak banding; lcl SER and POT halos also define banding; 1% fg dissem to wispy/stringer PY min	A68381	384	384.57	0.57	0.349	AGAT_FAICP		
384.57	**386.13**	**(FGG) Felsic Gneiss Granitic, ( )**	A68382	384.57	385.2	0.63	0.343	AGAT_FAICP		
		Pink; fcg; moderate-strong silicificatoin and moderate-strong pervasive POT alteration; unit weakly siliceous; 5-7% MUSC and 2-3% SILL both fmg dissem/wispy/patchy throughout; lclly weak AUG texture defined by MUSC+SILL; 1% fg dissem PY min; sharp lower contact with GBFG	A68383	385.2	386.13	0.93	0.408	AGAT_FAICP		
386.13	**388.65**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68384	386.13	387	0.87	0.746	AGAT_FAICP		
		Dark grey to dark blueish-grey; fcg; moderate silicfication and moderation chloritization; 3-5% POB mcg grt throughout; banded texture defined by CL alteration and mm-scale QZ-CB stringers and lcl mm-scale fg PY stringers; 2% PY min overall	A68385	387	388	1	0.26	AGAT_FAICP		
			A68387	388	388.65	0.65	0.226	AGAT_FAICP		
388.65	**389.05**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	A68388	388.65	389.05	0.4	1.03	AGAT_FAICP		
		White; fmg; hosts inclusions of uphole GBFG/BIO and cg anhedral green AMP; weakly pgm textured at top of interval; massive textured otherwise; no sig min								
389.05	**390.08**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68389	389.05	390.08	1.03	1.47	AGAT_FAICP		
		Dark grey to dark blueish-grey; fcg; moderate silicfication and moderation chloritization; 3-5% POB mcg grt throughout; banded texture defined by CL alteration and mm-scale QZ-CB stringers and lcl mm-scale fg PY stringers; 2% PY min overall								
390.08	**391.80**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	A68390	390.08	391	0.92	0.023	AGAT_FAICP		
			A68391	391	391.8	0.8	2.33	AGAT_FAICP		
		Pink and white; fcg; moderate silicificatoin and weak-moderate selective POT alteration to included fcg feldspars; minor (1-2%) fmg BIO entrained in vein material; no sig min; sharp lower contact with AMP instrusive								
391.80	**392.10**	**(AMP) Amphibolite, ( )**	A68393	391.8	392.1	0.3	1.3	AGAT_FAICP		
		Dark green to dark grey; fmg; foliation in unit completely perpendicular to weakly defined overall foliation throughtout hole up to this point; hosts 1-2% fmg dissem PY and mg lclly vuggy epidote; sharp lower contact								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
392.10	**393.20**	**(PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A68394	392.1	393.2	1.1	0.094	AGAT_FAICP		
		Pink and white to reddish-pink; fcg; moderate pervasive potassic alteration and silicification; weakly defined DIO fabric lclly in more AMP-rich intervals (5% overall); 2-3% mg BIO entrained in vein material; no sig min								
393.20	**393.50**	**(AMP) Amphibolite, ( )**	A68395	393.2	393.5	0.3	0.196	AGAT_FAICP		
		Green to red; fmg; moderate silicifcation and potassic alteration; weak-moderate DIO fabric defined throughout with dominant banded texture defined by vugs and QZ-CB stringers; no sig min; sharp upper and lower contact								
393.50	**395.75**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	A68396	393.5	394.5	1	0.177	AGAT_FAICP		
			A68397	394.5	395.3	0.8	0.204	AGAT_FAICP		
		Pink and white; localized intervals of varying grain size; weak patchy POT and SER alt; 4-5% fcg dissem to patchy/AGR BIO entrained in vein material; no sig min; sharp lower contact	A68399	395.3	395.75	0.45	0.166	AGAT_FAICP		
395.75	**401.28**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68400	395.75	396.75	1	0.492	AGAT_FAICP		
			A68401	396.75	397.52	0.77	0.813	AGAT_FAICP		
			A68402	397.52	397.82	0.3	0.487	AGAT_FAICP		
		Grey to light-grey to white; fcg; strong pervasive silicifcation and weak-moderate patchy serecitization; 1 PEGQG vein at 397.57-397.77m; variable textures throughout with a moderate banding defined lclly and a weak QZE texture developing lclly downhole; few QZ-CB stringers cutting unit sub-parallel to weakly defined sub-vertical foliation hosts cg patches of sulphide mineralization; 2% fcg dissem to patchy PO and 3-5% fcg dissem to patchy PY min; sharp lower contact with UMD-LAMPD	A68403	397.82	398.82	1	0.645	AGAT_FAICP		
			A68404	398.82	399.82	1	0.516	AGAT_FAICP		
			A68405	399.82	400.82	1	0.834	AGAT_FAICP		
			A68407	400.82	401.28	0.46	0.61	AGAT_FAICP		
401.28	**401.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	A68408	401.28	401.8	0.52	0.07	AGAT_FAICP		
		Dark brown; fg; no sig min or alt; sharp upper and lower contacts measured at 30dtca each								
401.80	**403.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68409	401.8	402.8	1	0.54	AGAT_FAICP		
		Grey to pinkish-grey; fmg; moderate-strong silicification; banded texture defined by 8-10% fmg BIO; several mm-scale QZ-CB stringers (fracture-fill) show weak-moderate SER alt halos; weakly pgm textured from 403.15-403.35m; trace fg dissem PY; sharp lower contact with UMD-LAMPD	A68410	402.8	403.5	0.7	0.432	AGAT_FAICP		
403.50	**403.89**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	A68411	403.5	403.89	0.39	0.035	AGAT_FAICP		
		Dark brown; fmg; no sig min or alt; sharp upper and lower contacts measured at 25 and 40								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
dtca respectively										
403.89	**406.57**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68413	403.89	405	1.11	0.39	AGAT_FAICP		
Grey to pinkish-grey; fmg; moderate-strong silicification; banded texture defined by 8-10% fmg BIO; several mm-scale QZ-CB stringers (fracture-fill) show weak-moderate SER alt halos; weakly pgm textured from 403.15-403.35m; trace fg dissem PY			A68414	405	406	1	0.525	AGAT_FAICP		
			A68415	406	406.57	0.57	0.688	AGAT_FAICP		
406.57	**407.03**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A68416	406.57	407.03	0.46	0.739	AGAT_FAICP		
407.03	**407.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone**	A68417	407.03	407.95	0.92	2.21	AGAT_FAICP		
Banded FGS with minor AMP beds (diffuse contacts; melt texture). 15 dissem biot; vfg. Minor sulfides: very fine dissem to coarse and clotty; <2% abundance. Banding/foliation present at high angle to core axis.										
407.95	**410.70**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68419	407.95	409	1.05	2.17	AGAT_FAAA		
Strongly foliated/banded. 30% biot; coarse euhedral xls aligned in thick bands; imparts strong foliation. Foliation orientation varies; implies FS deformation. Occasional cm scale qz boudin; low vein density overall; ~1%. Overall strain intensity is high. Dissem sulfides throughout; often present as lenticular blebs aligned with foliation; ~2% overall; Po>Py.			A68420	409	409.5	0.5	1.47	AGAT_FAAA		
			A68421	409.5	410	0.5	0.685	AGAT_FAAA		
			A68422	410	410.7	0.7	0.804	AGAT_FAAA		
410.70	**411.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A68423	410.7	411	0.3	1.12	AGAT_FAAA		
Porphyroblatic dark green AMP with gradational upper and lower contacts. 20% mm scale amp porphs; subhedral; <5mm. Sulfide content elevated relative to surrounding GBFG; fine hackly blebs; weakly aligned; 5% Po. Scapolite alteration band; <5cm; minor dissem garnets at margins.										
411.00	**416.05**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68424	411	411.8	0.8	0.47	AGAT_FAAA		
GBFG as previous. Elevated vein content relative to previous; ~3%; comprises cm scale concordant qz veins; occasionally sulfide-bearing (coarse Po clots); minor fspar. Strongly foliated. Becomes finer grained downhole.			A68425	411.8	412.4	0.6	1.01	AGAT_FAAA		
			A68427	412.4	413.2	0.8	0.9	AGAT_FAAA		
			A68428	413.2	414	0.8	0.784	AGAT_FAAA		
			A68429	414	414.5	0.5	0.791	AGAT_FAAA		
			A68430	414.5	415	0.5	1.36	AGAT_FAAA		
			A68431	415	415.6	0.6	0.661	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A68433	415.6	416.05	0.45	1.35	AGAT_FAAA		
416.05	**416.78**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** White-pink-green. Minor mm scale sulfide-bearing host selvages; very fine Po>Py. Coarse cm scale K altered subhedral plag. Diffuse cm scale green epidote patches. Mottled grey-white qz. Discordant; high angle to surrounding foliation.	A68434	416.05	416.78	0.73	0.093	AGAT_FAAA		
416.78	**420.93**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** GBFG as previous. Foliation still well developed becoming more fine downhole; overall high angle to core axis with occasional apparent F2 folding. Garnet content has increased relative to previous GBFG; ~15%; present as coarse subhedral xls <5mm; organized into loose colonies. 2% sulfides present as lenticular blebs aligned with foliation. Overall vein content ~5%; comprises several dm scale qz-fspar veins; concordant with foliation; occasionally hosting Po (fine to coarse anhedral clots).	A68435	416.78	417.4	0.62	2.33	AGAT_FAAA		
			A68436	417.4	418.1	0.7	2.48	AGAT_FAAA		
			A68437	418.1	418.9	0.8	3.9	AGAT_FAAA		
			A68439	418.9	419.35	0.45	13.3	AGAT_FAGRA		
			A68440	419.35	419.8	0.45	1.71	AGAT_FAAA		
			A68441	419.8	420.25	0.45	0.968	AGAT_FAAA		
			A68442	420.25	420.93	0.68	2.57	AGAT_FAAA		
420.93	**421.42**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Gradational upper and lower contacts. ~20% mm scale amp porphs in aphanitic green groundmass. Minor fine dissem sulfs throughout; 0.5%.	A68443	420.93	421.42	0.49	0.044	AGAT_FAAA		
421.42	**426.10**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** GBFG as previous. Grain size and foliation spacing becomes finer downhole. Minor cm scale concordant qz-fspar veins; <5cm; <2% overall abundance. Fine dissem sulfides (Po>Py) and discrete garnet xls.	A68444	421.42	422	0.58	7	AGAT_FAGRA		
			A68445	422	423	1	4.1	AGAT_FAGRA		
			A68447	423	424	1	1.81	AGAT_FAAA		
			A68448	424	425	1	2.85	AGAT_FAAA		
			A68449	425	426.1	1.1	3.9	AGAT_FAAA		
426.10	**427.00**	**(MAM) Mottled Amphibolite, ( )** Mottled green-grey. Fine grained. Lenticular texture imparted by varying alteration. Moderately silicified throughout. High vein density: cm scale qz-plag banding; also dm scale discordant qz vein (no vis sulfs). Minor biot present as stringers. No significant sulfides.	A68450	426.1	426.5	0.4	0.316	AGAT_FAAA		
			A68451	426.5	427	0.5	0.72	AGAT_FAAA		
427.00	**429.65**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Mottled grey-white qz-fspar vein. Fspar weakly K altered; also possible trace hem alt. 1-2% sulfs: coarse; clotty; hackly; <2cm; localized in loose colonies; frac controlled. Occ dissem mm to cm scale amp porphs; anhedral; equant; 2cm. Rare garnetiferous sulfide bearing host xenoliths.	A68453	427	428	1	0.09	AGAT_FAAA		
			A68454	428	429	1	0.001	AGAT_FAAA		
			A68455	429	429.65	0.65	0.148	AGAT_FAAA		
429.65	**435.33**	**(MAM) Mottled Amphibolite, ( )**	A68456	429.65	430.3	0.65	2.35	AGAT_FAAA		
		Mottled dark grey-green. Possible Cpx imparts green colouration. Possible scaploite imparts brown colouration. 10% dissem amp porphs throughout; equant; mm scale; subhedral. Dissem sulfides throughout: Po>Py; overall 2%; anhedral; clotty; often aligned with foliation; locally elevated to 5% over 10cm. Dissem biot throughout; locally elevated where organized into patches of coarse euhedral xls alligned with foliation. Moderately foliated; high angle to core axis. No significant veining.	A68457	430.3	431	0.7	1.99	AGAT_FAAA		
			A68459	431	432	1	4.48	AGAT_FAAA		
			A68460	432	433	1	3.66	AGAT_FAAA		
			A68461	433	434	1	2.74	AGAT_FAAA		
			A68462	434	434.7	0.7	0.041	AGAT_FAAA		
			A68463	434.7	435.33	0.63	1.91	AGAT_FAAA		
435.33	**436.77**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68464	435.33	436	0.67	0.956	AGAT_FAAA		
		Weakly foliated. Aphanitiic strongly siliceopus groundmass with very fine dissem biot. Mottled grey. Trace dissem sulfs: sub mm; Py>Po. Hosts dm scale qz vein with significant Po present as discrete coarse hackly clots; <1cm; 2-3%; minor amp blebs; smokey grey qz; discordant.	A68465	436	436.77	0.77	0.548	AGAT_FAAA		
436.77	**446.95**	**(MAM) Mottled Amphibolite, ( )**	A68467	436.77	437.7	0.93	0.193	AGAT_FAAA		
		Mottled dark grey-green; lenticular appearance; patchy. Light coloured lithons appear to be cpx-rich. Darker lithons appear to be amp-rich with dissem amp porphs; 15%; mm scale <5mm. Varying biot content throughout 5-15%; alignment imparts moderate local foliation. Carbonate alteration is patchy; banded; localized; overall minor abundance. Minor dissem sulfs: varying abundance; localized sparse colonies of very fine Po>Cpy growths. Minor veining: predominantly carbionate with minor qz; cm scale; lenticular; concordant.	A68468	437.7	438.3	0.6	0.221	AGAT_FAAA		
			A68469	438.3	439	0.7	0.152	AGAT_FAAA		
			A68470	439	440	1	0.197	AGAT_FAAA		
			A68471	440	441	1	0.116	AGAT_FAAA		
			A68473	441	442	1	0.033	AGAT_FAAA		
			A68474	442	443	1	0.031	AGAT_FAAA		
			A68475	443	444	1	0.024	AGAT_FAAA		
			A68476	444	445	1	0.033	AGAT_FAAA		
			A68477	445	446	1	0.037	AGAT_FAAA		
			A68479	446	447	1	0.166	AGAT_FAAA		
446.95	**447.77**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68480	447	447.77	0.77	0.114	AGAT_FAAA		
		10% plag porphs (subround; equant; <5mm) in aphanitic felsic groundmass. Minor AMP beds; cm scale <5cm. Hosts 12cm barren QV at upper contact of interval; minor amp clots; no vis sulfs. Trace dissem sulfs; sub mm.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
447.77	**453.45**	**(MAM) Mottled Amphibolite, ( )** MAM with minor dm scale segments of FGS; <10cm. Mottled grey-green-black. ~10% vein abundance: mottled grey-white qz-fspar veins; very coarse grained; typically discordant; minor Po. Occ coarse aggs of Po in litho; mm to cm scale angular xls; overall minor abundance.	A68481	447.77	448.7	0.93	0.135	AGAT_FAAA		
			A68482	448.7	449.3	0.6	0.016	AGAT_FAAA		
			A68483	449.3	450	0.7	0.109	AGAT_FAAA		
			A68484	450	451	1	0.033	AGAT_FAAA		
			A68485	451	452	1	0.084	AGAT_FAAA		
			A68487	452	453	1	0.211	AGAT_FAAA		
			A68488	453	453.45	0.45	0.032	AGAT_FAAA		
453.45	**454.46**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weakly foliated; equigranular; fine grained FGS. ~15% biot; fine grained; alignment imparts weak foliation. No vis sulfs.	A68489	453.45	454.46	1.01	0.017	AGAT_FAAA		
454.46	**455.12**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Mottled grey-white concordant qz vein. Sparsely disseminated coarse biot porphs; mm to cm scale; euhedral. Trace dissem Po.	A68490	454.46	455.12	0.66	0.036	AGAT_FAAA		
455.12	**456.82**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained. 10% fine dissem biot. Amp content increases downhole; 0-20%; grades into amphibolite. No significant sulfides. Hosts minor 5cm vein with coarse biot clots.	A68491	455.12	456	0.88	0.021	AGAT_FAAA		
			A68493	456	456.82	0.82	0.022	AGAT_FAAA		
456.82	**457.70**	**(MAM) Mottled Amphibolite, ( )** MAM as previous	A68494	456.82	457.7	0.88	0.246	AGAT_FAAA		
457.70	**462.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained; equigranular. Elevated biot content relative to proximal units; coarse; dissem; ~25%; alignment imparts foliation. Biot attenuates downhole; litho becomes massive. Occ cm scale aggregates comprising plag-garnet-Po with accessory amp. Hosts dm scale vein; concordant; qz-fspar; minor K and epidote alt. Occ dm scale moderately silicified segments. Minor dissem Po. EOH = 462m	A68495	457.7	459	1.3	0.011	AGAT_FAAA		
			A68496	459	459.7	0.7	0.009	AGAT_FAAA		
			A68497	459.7	460.05	0.35	0.008	AGAT_FAAA		
			A68499	460.05	461	0.95	0.02	AGAT_FAAA		
			A68500	461	462	1	0.02	AGAT_FAAA		

Newmont

Geological Description with Assays

Hole ID : **BL19-01083**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	198	Easting :	331651.97	Logged By :	Alex.Jibb
Dip :	-75	Northing :	5303287.34	Logged By 2 :	
Length :	405	Elevation :	431.298	Log Start :	22-May-2019
Drill Start :	27-Mar-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	26-May-2019
Drill Completed :	16-Apr-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**1.75**	**(OB) Overburden, ( )**								
Casing to 1.75m										
1.75	**5.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey to dark grey; localized intervals of varying grain size; weakly silicified and weakly patchy serecitized; weak-moderate POR and subsequent QZE texture defined thoughout (dioritic fabric); 1-2% vffg dissem PY min throughout unit; 2 5-7cm intervals of blocky/broken core; inferred lower contact with F2 folded QV2/PEGGR										
5.20	**6.15**	**(QV, PEG) Quartz Vein, Pegmatite, (QZVT2) Massive quartz vein**								
Split 70/30 interval composed of white massive-textured QV2 material and pink-grey pgm-textured PEGGR; minor FGS included in vein showing a possible F2 fold; 1% fmg dissem to patchy PY min hosted along vein-margins and in FGS-rich intervals with no sig min vein-hosted; end of interval shows broken PEG core										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

6.15 13.64 (FGS) Felsic Gneiss Sedimentary, ( )

Dark to light grey; moderately mg with localized intervals of varying grain size; weak-moderate silicification; QZE/DIO-fabric present defined by poorly formed anhedralto subhedral QZ and FSP phenocrysts entrained in fg BIO-rich matrix; few mm-scale QZ-CB stringers cut unit irregularly showing lcl moderate POT alt halos; 1% vffg dissem PY min; inferred lower contact with sub-parallel-to-dip QV1

13.64 14.16 (QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc

Grey to smokey-grey to transluscent-grey; fmg; melt-textured vein showing near FGS/PEG lithology; vein cuts host FGS unit sub-parallel to dip; 2-3% fmg dissem PY min hosted exclusively in FGS; no sig min in vein material

14.16 23.20 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; localized intervals of varying grain size; moderate pervasive silicification and patchy weak SER alt; few mm-scale QZ-CB stringers show weak-moderate SER alt halos; 1 42cm AMP-rich FGS interval from 20.70-21.12m cut by few mm-scale QZ-CB stringers with trace POT alt halos; 2-3% vffg dissem PY min throughout

23.20 26.13 (FGS) Felsic Gneiss Sedimentary, ( )

Dark to light grey to dark green; fcg; weak-moderate silicification; weak patchy chloritization to AMP-rich intervals; weak-moderate banded texture defined by inclusions of mcg AMP; 8-10% fmg BIO defines bulk of matrix; 1-2% fmg dissem PY min throughout; sharp lower contact with fmg homogenous FGS

26.13 55.85 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey to light grey; uniform fg background to whole of interval with mg to lclly cg QZE defining QZE-texture; weak dioritic fabric defined by aforementioned QZE; unit shows weak-moderate foliation defined by BIO measured at ~40dtca; QZE clasts moderately formed and subhedral to anhedral in shape; several mm-scale to lcl cm-scale QZ stringers cut unit irregularly and lclly sub-parallel to foliation showing weak-moderate POT alt halos; trace fg dissem PY min throughout

55.85 56.32 (QFP) Quartz Feldspar Porphyry, ( )

Dark grey; fcg; strong POR texture defined by sub-rounded to anhedral-shaped QZ-FSP xenoliths; mm-slivers of SER included in biotite-dominant matrix; no significant mineralization; upper and lower contacts sharp measured at 50dtca

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

56.32 66.83 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; fcg; moderate silicification; weak-moderate SER and POT alt halos around mm-scale QZ-CB stringers; trace pervasive POT alt at top of interval and lclly throughout rest of interval; QZE texture defined by subhedral moderately-formed phenocrysts; banded texture from 58.17-58.83m defining subsequent foliation measured at 50dtca; trace fg dissem PY min throughout; gradational lower contact defined by increase in abundance of amphibole

66.83 77.86 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey to dark green; fcg; moderate pervasive silicification and weak patchy CL and SER alt throughout; moderate increase in abundance of fmg matrix-defining AMP grains 10-12% overall; few QZ-CB stringers cut unit irregularly showing moderate potassic-alteration halos; 12-15% fmg BIO overall; weak lcl banding; 2% fg dissem PY min throughout; sharp lower contact with equigranular AMPG measured at 45dtca

77.86 88.07 (AMPG) Amphibole Felsic Gneiss, ( )

Green to white; fcg; trace-weak patchy CL alt to texture-defining cg rounded well-formed amphibole grains; unit equigranular with well-developed AMP grains; weak foliation defined by stretching of AMP grains along foliation plane measured at ~60dtca; one 12cm FGS dykelet cuts unit showing no sig features; no sig min; sharp lower contact with FGS

88.07 98.17 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey; fmg; moderate silicification and weak-moderate patchy POT and CL alt; weak-mod QZE texture thoughout lclly showing weak-moderate foliation; QZE moderately-formed with sub to anhedral shape; ~10% fmg dissem to patchy AMP defines matrix in conjunction with 12-15% fmg BIO; lcl siliceous intervals see increase in fmg PY min up to 3-4%; 2% fmg dissem PY min overall

98.17 108.85 (FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS

Dark to light grey to pinkish-grey; fmg; moderate-strong siliceous nature to unit; weak-moderate patchy to halo-style potassic alteration; moderately foliated defined by 7-8% fmg BIO lclly elongated parallel to foliation plane with overall foliation measured at 50dtca; 2% fg dissem MUSC throughout; QZE-texture appears towards end of interval with poorly-formed anhedral to subhedral QZ grains; fault-zone with 0% RQD from 99.34-99.77m; 2% fmg dissem to lclly PAT PY min

108.85 121.33 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey; fmg; moderate-strong silicification and weak-moderate (lclly) patchy SER alteration between 113-114m; unit shows weak-moderate foliation defined by 12-13% fmg

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

elongated biotite in the plane of the foliation measured at ~40dtca; minor 3-5% AMP present also defining foliation; 2-3% fg dissem MUSC throughout; unit has several 10s of cm intervals of broken/blocky core; 2% vffg dissem PY min; inferred lower contact drawn due to increase in strain/shear intensity and change in texture

121.33 122.53 (FGS) Felsic Gneiss Sedimentary, ( )

Pinkish-grey to pale-pink; fcg; moderate-strong siliceous nature to interval with a moderate silica overprinting; cg porphyroblastic BIO defines spotted texture; foliation measured at ~35dtca; lower contact drawn due to change in foliation and mineral abundances

122.53 130.00 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey; fcg; moderate silicification and weak patchy POT alt lclly; QZE texture increasingly develops downhole with QZ eyes anhedral to subhedral in shape; abundance of QZE increaes downhole; few mm-scale QZ-CB stringers showing moderate POT alt halos (trace overall); trace fg PY min

130.00 130.56 (FGS) Felsic Gneiss Sedimentary, ( )

Red to pinkish-red; intensly potassic altered; moderately-developed QZE with grains showing anhedral shape and generall poorly-formed; few mm-scale QZ stringers cut unit irregularly; no sig min; lower contact marked by decrease in potassic alteration

130.56 139.66 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey; fcg; moderate pervasive silicification and moderate POT alt halos around QZ-CB stringers (mm to cm scale); QZE texture well defined at top of interval with clasts anhedral in shape and poorly to moderately formed; abundance of QZE decreases to almost 0% towards lower contact with AMP; trace fg dissem PY

139.66 141.26 (AMP) Amphibolite, ( )

Dark green; fcg; weak pervasive silicification; lclly weakly congolmeratic with lithos of few clasts FGS to QZ-PEG; few wispy mm-scale QZ-CB stringers; 0.5% fmg dissem to patchy PO and 1% wispy to dissem fg PY

141.26 141.92 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey; fmg; silicified; few wispy QZ-CB stringers; no sig min or alt

141.92 146.72 (AMP) Amphibolite, (AMPMG) Magnetite-rich Amphibolite

Dark green; fmg; moderately silicified and weakly lclly chloritized; few QZ-CB stringers cut

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		unit irregularly; weakly-moderately foliated at ~30dtca defined by elongation of AMP grains along foliation plane and wispy to disseminated PY; 2-3% fg dissem to wispy PY min mimicing foliation; sharp lower contact with FGS								
146.72	**158.57**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to grey; fmg; moderate silicification; few QZ-CB stringers show strong (lclly) potassic alteration halos; unit shows weak foliation locally measured at 40dtca; moderately-defined POR/DIO texture develops downhole from ~150-152m appearing weakly equigranular with litho of dioritic/porphyritic texture-defining clasts QZ-FSP dominant; fault zone 152.16-153.00m; variable sulphide mineralization throughout with PY appearing dissem to AGR to patchy 2% overall								
158.57	**162.06**	**(AMP) Amphibolite, ( )** Dark green; fcg; weak-moderate silicification; moderate potassic alteration halos; banded texture defined by QZ-CB stringers showing alt halos; wispy PY min; and light-green clotty-textured CPX; ptygmatic-style QZ-CB stringers lclly; 1 10cm massive QV2 at 160.55-160.65m; 2-3% fmg dissem to lclly cg patchy PY min throughout								
162.06	**162.70**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Light green and pink to white-grey; fcg; PEG-textured unit defined by moderately-formed subhedral CG BIO and CG potassic and chloritic alterated feldspars; no ig min; sharp upper contact and gradational lower contact								
162.70	**165.00**	**(AMP) Amphibolite, ( )** Dark green to light green; fcg; moderate silicification and weak patchy CL alteration lclly; banding defined by QZ stringers as well as light-green elongated CPX and fg dissem elongated AMP grains (15% overall); unit is weakly magnetic lclly; PY min 2% overall fmg mimicing foliation								
165.00	**168.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey; fcg; moderate-strong silicification; trace CL and SER alt lclly; QZE texture poorly-developed with QZE showing sub to anhedral shape; banded texture weak-moderate and defined by QZ-CB stringers; 0.5% fg dissem PY min								
168.60	**170.12**	**(AMP) Amphibolite, ( )** Dark green; fcg; moderate-strong silicification; weakly-moderately foliated defined by fmg AMP grains measured at ~50dtca; 1% mg patchy PY min with bulk of 2% min occuring as fg dissem PY min								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

170.12 170.64 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; fcg; moderate-strong silicification; trace CL and SER alt lclly; QZE texture poorly-developed with QZE showing sub to anhedral shape; banded texture weak-moderate and defined by QZ-CB stringers; 0.5% fg dissem PY min

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170.64 171.18 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey; fmg; moderate silicification and moderate-strong patchy potassic alteration; 12-15% fmg dissem/banded BIO defines texture; weakly siliceous; traces of silliminate locally; 0.1% fg dissem PY min overall

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171.18 171.82 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Green to olive-green; fmg; strongly CARB altered indicated by strong effervesence with dilute HCl; stockwork-like style stringers cut unit irregularly and at random intervals composed of calcite; sharp upper and lower contacts measured at 40dtca and 50dtca respectively

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171.82 174.16 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey to reddish-pink; mod-strong silicified; moderate patchy potassic alteration; QZ-CB stringers lclly show strong SER alt halos; banded texture defined by 12-15% fmg BND BIO and QZ-CB stringers; foliated weakly at ~50dtca; weak POR texture/DIO-like fabric defined by subrounded QZ to QZ-FSP 'eyes'; no sig min; sharp lower contact with PEGQG

174.16 174.39 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Pink to white; fcg; moderate melt-texture; moderate potassic alteration; no sig min; sharp lower contact

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174.39 182.40 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to dark grey; localized intervals of varying grain size and alteration intensity; alteration assemblages consist of patchy moderate SER and moderate potassic HALOs; variable abundance of biotite throughout ranging from 3-15% occuring dominantly as fg dissem to band/fol defining measured at 45dtca; 2 8cm PEGQG/QV2 veins at 176.14-176.21 and again at 177.52-177.60m; weakly congolmeratic from 176.3-176.8m defined by cg subrounded kspar xenoliths; vuggy EPI 3-4% from 178.22-178.68m; 1% fmg dissem PY min overall

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From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

182.40 183.09 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Dark green; fmg; moderate silicification; foliated weak-mod defined by mg amphiboles measured at 40dtca; sharp upper and lower contacts with upper contact irregular and lower contact planar measured at 50dtca

183.09 186.72 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Grey to pinkish-grey; fmg; weak-moderate siliceous and moderate silicified with lcl strong POT alt halos around QZ-CB stringers; minor AMP dyke at 184.18-184.35m; no sig min

186.72 187.64 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey; fmg; moderate silicification and weak pot alteration to QZ-CB stringers; banding and subsequent foliation defined by 13-15% BND BIO and QZ-CB stringers; minor 0.25-0.5% sillimanite thoughout; no sig min; wavy/ptygmatic lower contact with DIOP2

187.64 188.24 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Split 50/50 interval composed of siliceous/silicified FGS and clotty-to-banded AMP; no sig alteration or min; sharp lower contact measured at 40dtca with lower DIOP2

188.24 190.12 (DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)

Dark grey to reddish-pink; fcg; moderate silicification and weak-moderate POT staining to POR-textured QZ-FSP eyes; eyes are subrounded to lclly anhedral/'blown-out' and are moderately formed with BIO/AM rims around most of the QZ-FSP selvages; many wispy mm-scale QZ-CB stringers cut unit irregularly throughout; sharp upper contact measured at 40dtca and lower contact measured at 50dtca

190.12 195.54 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; fmg; localized intervals of varying alteration intensity with bulk of patchy SER alt from 192.7-193.1m; several mm-scale QZ-CB stringers cut unit at random intervals/orientations showing weak-moderate SER and POT alt halos; banding and subsequent foliation defined by 10% fmg BIO and 2-3% fmg AMP measured at ~50dtca; no sig min; sharp lower contact with AMP measured at ~50dtca

195.54 197.38 (AMP) Amphibolite, ( )

Dark green to green; fcg; weak-moderate POT and SER alt halos around texture-defining QZ-CB stringers; mg amphiboles define bulk of matrix; sharp lower contact at ~50dtca

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

197.38 199.37 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fmg; weak-moderately silicified; no sig alt otherwise; 1-2% fmg BIO weakly-moderately foliated measured at ~50dtca; no sig texture defined; no sig alt; sharp lower contact

199.37 200.34 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fmg; weak-moderate silicification; dioritic fabric throughout with poorly formed clasts of QZ-FSP lithology; increase in BIO from above FGS up to 10%; no sig min; sharp lower contact

200.34 201.22 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fmg; weak-moderately silicified; no sig alt otherwise; 1-2% fmg BIO weakly-moderately foliated measured at ~50dtca; no sig texture defined; no sig alt; sharp lower contact

201.22 202.27 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fmg; weak-moderate silicification; dioritic fabric throughout with poorly formed clasts of QZ-FSP lithology; increase in BIO from above FGS up to 10%; no sig min; sharp lower contact

202.27 203.34 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey; fmg; moderate silicification and weak patchy chloritization; few QZ-CB stringers showing weak POT and SER alt halos define banded texture as well as mm-scale QZ stringers lclly showing weak boudinaging; 3-5% fmg dissem to lclly vuggy EPI throughout; sharp lower contact with AMP

203.34 207.10 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Split 70/30 interval composed of banded green AMPIN with 30% banded biotite-rich FGS; banding defined by repetitious AMP/FPS slivers and QZ-CB stringers; 3% fmg PY min mimicing banding and disseminated throughout

207.10 207.88 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; fmg; moderate-strong silicification; few mm-scale QZ-CB stringers define BND; 2% fmg dissem PY min

207.88 208.20 (AMP) Amphibolite, ( )

Dark green; fcg; moderate silicification and weak-moderate patchy chloritization; clotty

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		texture defined by light-green anhedral CPX and weak banding defined by QZ-CB stringers and minor light-green CPX; 1% fg dissem PY min								
208.20	**210.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; siliceous in nature and strongly silicified; several wispy mm-cm scale QZ-CB stringers show moderate-strong SER alt halos; few other stringers show moderate POT alt halos; 1% fg dissem PY min; sharp lower contact with PEGQG								
210.45	**210.65**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Pink and grey; banded texture defined by slivers of uphole FGS giving a crack and seal/ribbon appearance; no sig min; sharp upper and lower contact								
210.65	**213.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey to dark grey; fcg; moderate-strong silicification; trace SER alt halos around texture-defining QZ-CB-BIO stringers; 213.75-213.85m shows a ribbon-textured PEGQG vein similar to above vein; stringers host coarser-grained (relative to background) biotite entrained in vein-material; weak-moderate foliation measured at 45dtca; 1% fg dissem PY min								
213.90	**215.61**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey; fcg; moderate-strong silicification and weak-moderate patchy serecitization; lcl moderate POT alt halos around QZ-CB stringers; banded texture defined by mm-scale QZ-CB stringers and 7-8% BIO elongated in the plane of the foliation measured at ~60dtca; banding dissipates downhole where a weak QZE texture develops defined by subrounded moderately-formed QZ clasts; 1 9cm AMP dyke showing weak-mod foliation at 60dtca from 215.25-215.34m; sharp loewr contact with AMPIN measured at 60dtca; no significant mineralization								
215.61	**216.32**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark green to dark grey; fmg; very weakly silicified and weakly chloritized lclly; 15% mg amphiboles define a moderate foliation measured at 60dtca; few wispy QZ-CB stringers cut unit showing weak POT staining to vein material and moderate POT alt halos; no sig min; sharp lower contact measured at 60dtca								
216.32	**217.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; moderate pervasive silicification; weak QZE texture defined by poorly-formed anhedral to subhedral QZ clasts; very weak banding lclly defined by QZ stringers showing								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
lclly weak patchy SER alt; no sig min; sharp lower contact with AMP measured at 60dtca										
217.36	**218.25**	**(AMP) Amphibolite, ( )** Dark green; fmg; strong silicification and weak-moderate POT alt along foliation plane; foliation defined by fmg amphibole measured at 60dtca; few mm-scale QZ-CB stringers with moderate POT alt halos cut unit sub-parallel to foliation; no significant mineralization								
218.25	**219.46**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey; fcg; moderate silicification and weak banded SER alteration; poorly-formed CG sub-rounded QZE define overall texture; few stringers show POT alt halos; lclly vuggy; no sig min; sharp lower contact with AMP								
219.46	**220.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark green; fmg; moderate silicification; mg amphibole define weak foliation at ~70dtca; no sig min; sharp upper and lower contacts								
220.30	**235.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to lclly dark grey to lclly pinkish-grey; localized intervals of varying grain size from fine-to-medium-grained; weak-moderate SER and POT alt halos around stringers; several cm-scale QZ-CB-BIO stringers cut unit sub-parallel to overall foliation; foliation weak-moderate and is defined by fmg BIO 8-10% overall and aforementioned stringers; few QZ-boudins/pods throughout with same lithology as stringers hosting no significant mineralization; 225.68-226.03m shows strong banding defined by cm-scale QZ-CB-BIO stringers and potassic alteration banding with minor (2-3%) epidote included in banding; 2 8-10cm unmineralized well-foliated AMP dyklets cut unit; overall 0.50-1.0% vffg dissem PY min								
235.00	**237.95**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Split 50/50 interval composed of QZE-textured and weak-mod banded FGS and clotty-textured weak-mod banded green AMPIN; strong patchy SER and POT alteration dominantes AMP intervals with a strong QZE texture defining the FGS unit; QZE are moderately-formed and subrounded; whole interval moderate-strongly silica overprinted; traces of vffg dissem PY min; no sig min otherwise								
237.95	**240.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pinkish-grey to reddish-pink; fmg; moderate-strong pervasive silica alteration and mod-strong patchy to halo-style POT alteration with minor weak-mod SER halos lclly; banding defined by alteration assemblages and mm-cm scale QZ-CB stringers; subsequent foliation defined by banding measured at 60dtca; no sig min; inferred lower contact due to								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		decrease to trace amounts of potassic alteration								
240.00	**242.73**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to pinkish-grey to reddish-pink; fmg; moderate pervasive silicification; weak-mod patchy to halo-style POT alt; strong banded texture defined by POT alteration halos and QZ-CB stringers measured at ~60dtca; 1 AMP dyke cutting unit parallel to foliation ~60dtca from 242.09-242.31m; no significant mineralization; sharp lower contact with AMP measured at 55dtca								
242.73	**245.20**	**(AMP) Amphibolite, ( )** Dark green; fmg; moderate pervasive silicification; weak-moderate banding defined by mm-scale QZ-CB stringers; lcl potassic alteration to included feldspars in stringers; no sig min								
245.20	**245.76**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to pinkish-grey; fmg; moderate-strong silicification; banded texture defined by QZ-CB stringers and subsequent potassic alteration halos; no sig min; sharp lower contact parallel to banding								
245.76	**245.93**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey to dark green to reddish-grey; fmg; well-banded and well-foliated unit defined by QZ-CB stringers and subsequent potassic alteration halos; trace wispy silliminate parallel to banding/foliation								
245.93	**250.14**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to pinkish-grey; fmg; moderate silicification and weak-moderate patchy/halo POT alteration to mm-cm scale QZ-CB stringers; weakly defined poorly developed QZE texture throughout; 249.00-249.50m shows strong POT alteration; no sig min; sharp lower contact with UMD-LAMPD at 30dtca								
250.14	**250.57**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark brown; fmg; no sig min or alt; weakly vessicular textiured defined by fg carbonates (calcite/dolomite); sharp upper and lower contacts measured at 30dtca								
250.57	**255.69**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to pinkish-grey; fcg; moderate pervasive silicification and weak-moderate patchy to								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		halo-style POT alteration; well-developed QZE texture defined by moderately-formed sub-rounded QZ clasts; irregularly shaped QV2 at 252.48-252.61m hosting no sig min; QZE texture increases downhole towards lower contact with well-developed strongly-defined FGS QZE								
255.69	**257.78**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey to dark grey; fcg; moderate pervasive silicification; strong QZE texture defined thoughout with eyes well-developed and subrounded to rounded in shape; weakly-moderately foliated defined by lcl stretching/elongation of QZE measured at 55dtca; no sig min								
257.78	**263.32**	**(AMP) Amphibolite, ( )** Dark green to black; fmg; moderate silicification and weak patchy chloritization lclly; moderate foliation measured at 50dtca; traces of wispy foliation-mimicing PO stringers; sharp lower contact								
263.32	**264.42**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; strong silica overprinting; weak-moderate banding and subsequent QZE texture defined by moderately-formed sub-rounded to angular QZ clasts lclly elongated along foliation plane defining banding measured at 50dtca; few wispy patches of SER alteration; no sig min; gradational lower contact with AMPIN								
264.42	**265.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to greyish-green to dark grey; fmg; moderate silicification and weak patchy chloritization lclly defining banding; foliated similarly to above FGS measured at 50dtca; 1-2% fg dissem PY min								
265.18	**266.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; moderate-strong silica overprinting; moderately foliated at ~50dtca; 0.5% fg dissem PY min								
266.48	**266.68**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** White; fcg; melt-textured PEGQG; weak wispy SER alt; wispy slivers of surrounding FGS included in vein material; FGS slivers host all of 0.5% fg dissem PY min								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

266.68 267.05 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fcg; moderate-strong silica overprinting; moderately foliated at ~50dtca; 0.5% fg dissem PY min

267.05 268.27 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

White; fcg; weak patchy SER alteration to mcg feldsars; 3% mcg dissem BIO entrained in vein material; no significant mineralization; sharp upper and lower contacts concordant with foliation defined in FGS at ~50dtca

268.27 269.33 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to lclly dark grey; fmg; moderately silicified and moderately siliceous; weak patchy SER alt; 8-10% fg BIO disseminated throughout unit; 2 5-8cm AMP dyklets cut unit lclly and are likely sourced from lower AMP; no sig min; gradational lower contact

269.33 274.95 (AMP) Amphibolite, ( )

Dark green to light green; fmg; moderate silica overprinting; few patchy QZ "pods" scattered thoughout with largest one occurring at 271.55m; foliation defined by fmg amphiboles measured at ~45dtca with minor vffg wispy PO stringers mimicing foliation; CPX-rich MAM-like interval from 273.9-274.07m and shows a small increase in sulphide mineralization; 1 14cm massive QV2 at 274.65m; sharp lower contact with UMD-:LAMPD measured at 30dtca

274.95 275.72 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fg; no sig alt or min; sharp upper and lower contacts measured at 30 and 35 dtca respectively

275.72 276.60 (AMP) Amphibolite, ( )

Dark green; fmg; moderately silicified and weakly-moderately chloritized with mm to lclly cm-scale bands of CL defining BND in conjunction with fmg acicular AMP grains elongated along the foliation plane (lclly not overall) measured at 50dtca; traces of wispy PO min throughout; gradational lower contact with FGS

276.60 277.29 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fcg; moderate-strong silicification; moderately developed QZE texture with eyes subrounded to elongate sub-parallel to foliation measured at 55dtca; traces of patchy SER alt; 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

277.29 278.54 (AMP) Amphibolite, ( )

Dark green; fmg; moderate silicification and moderate banded chloritization; banded texture defined by amphibles and CL banding; traces of vffg PO min 0.1% overall

278.54 279.09 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to beige to pinkish-grey; fmg; moderate silicification and weak patchy banded serecitization/potassic alteration; no sig min; lower contact drawn due to change in texture

279.09 283.64 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Grey to dark grey to dark green; fcg; moderate silica overprinting and increase in potassic staining to QZE following the second of two AMP dykets (possible contaimination from intrusive?); two AMP dyklets cut unit at 280.29-280.55 and again at 282.37-282.51m; QZE texture well-developed with clasts showing rounded to subrounded shape and are lclly stretched/elongated along a very weak/trace foliation; 0.25% fg dissem PY min; sharp lower contact with AMP at near 90dtca

283.64 284.14 (AMP) Amphibolite, (AMPMG) Magnetite-rich Amphibolite

Dark green; fmg; moderate silicification; weak-moderate patchy chloritization; moderately magnetic throughout; 0.5% wispy fg PO stringers; sharp lower contact

284.14 287.23 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to dark grey to pinkish-grey (lclly); weak-moderate pervasive silicification and lcl weak-moderate POT/SER alt halos around mm-cm scale QZ-CB stringers; banding defined by QZ-CB stringers and subsequent alteration halos and 12-15% fmg dissem/banded BIO; 2-3% fmg dissem PY dominantly entrained in and along BIO mineral cores/selvages

287.23 288.55 (AMPG) Amphibole Felsic Gneiss, ( )

Dark green to reddish-green; fcg; moderate pervasive silicification and potassic alteration to felsic background leaving POB/MYL CG amphibole grains relatively unaltered; 25% CG POB AMP; no sig min

288.55 291.12 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey to grey to reddish-pinkish-grey; fmg; moderate pervasive silicification; moderate potassic HALOs around QZ-CB stringers; banding defined by 10-12% fmg BND BIO which also hosts bulk of 2% fg PY min

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
291.12	**292.03**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Dark grey; fmg; moderate pervasive silicification and weak banded chlorite alteration defines texture; 5-7% fmg dissem GRT thoughout and lclly defines banding; increase in BIO towards lower contact hosts bulk of 2% fmg dissem to patchy/AGR PY min								
292.03	**292.23**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Light grey to white; fcg; melt-texture defined by merging of mineral boundaries; pgm texture defined by cg dissem anhedral BIO; sharp lower contact; no sig min								
292.23	**293.53**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Dark grey; fmg; moderate silicification; 14-15% BIO fmg dissem to banded; 5% fmg dissem to BND GRT; possible GRT-bearing FGS as opposed to GBFG but increase in BIO and general foliation/appearance gives GBFG denotion; 2% fg BND to dissem PY min -- SAMPLING BEGINS AT START OF INTERVAL 292.23m	A68501	292.23	292.85	0.62	0.245	AGAT_FAAA		
			A68502	292.85	293.53	0.68	0.829	AGAT_FAAA		
293.53	**295.90**	**(FGG) Felsic Gneiss Granitic, ( )** Pink; fcg; strong pervasive silicification and potassic alteration to whole of interval; AUG-texture defined by cg weakly stretched MUSC 5% overall; 2% wispy SILL throughout; 0.5% fg dissem PY min	A68503	293.53	294.53	1	0.492	AGAT_FAAA		
			A68504	294.53	295	0.47	0.456	AGAT_FAAA		
			A68505	295	295.9	0.9	0.187	AGAT_FAAA		
295.90	**298.93**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; moderate silicification; 2% fg dissem GRT throughout with increase towards end of interval; trace of EPI towards end of interval with increase in EPI in lower FGS unit; no sig min	A68507	295.9	297	1.1	0.108	AGAT_FAAA		
			A68508	297	298	1	0.022	AGAT_FAAA		
			A68509	298	298.93	0.93	0.001	AGAT_FAAA		
298.93	**302.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey; fcg; moderate pervasive silicification; increase in BIO and EPI (12% and 2% respectively) define clotty texture and weak-moderate foliation measured at ~50dtca; 2 PEGQG veins at 302.41-302.52m and again at 302.74-302.85m; no significant sulphide mineralization	A68510	298.93	300	1.07	0.026	AGAT_FAAA		
			A68511	300	301	1	0.025	AGAT_FAAA		
			A68513	301	302	1	0.041	AGAT_FAAA		
			A68514	302	302.4	0.4	0.074	AGAT_FAAA		
			A68515	302.4	302.85	0.45	0.097	AGAT_FAAA		
302.85	**303.46**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Pink and white; fcg; moderate potassic alteration; melt textured; CG QZ and KF define strrong pegmatitic texture; no sig min; gradational lower contact with FGG	A68516	302.85	303.46	0.61	0.062	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
303.46	**304.17**	**(FGG) Felsic Gneiss Granitic, ( )** Pink and grey to pinkish-grey; fcg; moderate-strong silicification and weak patchy/halo POT alteration; several mm-scale QZ-CB stringers cut unit showing POT alt halos; 1% fmg dissem to lclly patchy PY min; sharp lower contact with AMP dyke	A68517	303.46	304.07	0.61	0.789	AGAT_FAAA		
304.17	**304.37**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark green to beige; fmg; weakly-moderately foliated at ~60dtca defined by fmg amphibole grains elongated along foliation plane; banded SER alteration; sharp upper and lower contacts	A68519	304.07	304.37	0.3	0.458	AGAT_FAAA		
304.37	**306.55**	**(FGG) Felsic Gneiss Granitic, ( )** Pinkish-grey to beige-grey; localized intervals of varying grain size; moderate-strong pervasive silicification and weak-moderate patchy potassic alteration; weak-moderate AUG texture lclly defined by cg MUSC/BIO 3-5% each; several mm-scale QZ-CB stringers show weak-mod foliation measured at 60dtca; 7-8% fcg dissem MUSC throughout; 2-3% fmg dissem/wispy SILL; no sig min; sharp lower contact with GBFG	A68520 A68521 A68522	304.37 305 306	305 306 306.55	0.63 1 0.55	0.33 0.713 0.304	AGAT_FAAA AGAT_FAAA AGAT_FAAA		
306.55	**307.52**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black to dark grey; fmg; moderately silicified; moderately developed banded texture defined by ~20% fg BND BIO and ~5% fmg DIS to BND GRT; BIO+GRT define moderate subsequent FOL measured at 50dtca; traces of fg dissem to lclly fol-mimicing PY min	A68523	306.55	307.52	0.97	0.394	AGAT_FAAA		
307.52	**307.92**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Grey-green; fcg; weakly serecitized; 5-7% cg patchy BIO; no sig min	A68524	307.52	308.1	0.58	0.338	AGAT_FAAA		
307.92	**308.10**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; fcg; sliver of uphole GBFG; moderate silicification; 20% BIO and 5% GRT; sharp lower contact								
308.10	**309.42**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and white to beige-grey; localized intervals of varying grain size; BIO defining PEG-texture essentially replaced by SER from 308.40-308.70; cg anhedral KF show weak-moderate reaction rims; no sig min; sharp lower contact	A68525 A68527	308.1 308.7	308.7 309.42	0.6 0.72	1.7 0.209	AGAT_FAAA AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
309.42	**312.62**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; fcg; moderate silicification; dioritic-fabric for first half of interval defined by anhedral poorly-formed fmg MUSC with fg SILL cores (8% MUSC 8% SILL); 10% mcg POB GRT; weak-moderate foliation defined by stretching/elongation of dio-fabric defining MUSC/SILL; trace of wispy-foliation mimicing PY min; sharp lower contact	A68528	309.42	310.42	1	0.288	AGAT_FAAA		
			A68529	310.42	311.42	1	0.339	AGAT_FAAA		
			A68530	311.42	312	0.58	0.533	AGAT_FAAA		
			A68531	312	312.62	0.62	0.101	AGAT_FAAA		
312.62	**313.38**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Pink and white; fcg; melt-textured PEGQG with a weakly defined FGG-like fabric towards end of interval; 4-5% mcg dissem/patchy BIO; pervasive silicification moderate and moderate pervasive potassic alteration; no sig min; lower contact gradational and drawn due to decrease in silica and potassic alteration	A68533	312.62	313.38	0.76	0.163	AGAT_FAAA		
313.38	**316.35**	**(FGG, UMD) Felsic Gneiss Granitic, UM\LAMP Dike, ( )** Pink to grey; fcg; moderate-strong silicification and variable degrees of potassic alteration ranging from weak to strong lclly; 2 slices of UMD-LAMPD split the core with 90% of it being FGG as LAMP cuts unit sub-parallel to dip occurring at 314.26-314.64m and again at 314.70-314.90m; lower contact sharp with intrusive LAMP measured sub-parallel to dip; no significant mineralization to unit	A68534	313.38	314.2	0.82	0.074	AGAT_FAAA		
			A68535	314.2	315	0.8	0.053	AGAT_FAAA		
			A68536	315	316	1	0.034	AGAT_FAAA		
			A68537	316	316.35	0.35	0.067	AGAT_FAAA		
316.35	**318.16**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Greenish-brown; fmg; few QZ-KF veins cut lampd sub-perp tca; no significant mineralization	A68539	316.35	316.87	0.52	0.207	AGAT_FAAA		
			A68540	316.87	318.16	1.29	0.022	AGAT_FAAA		
318.16	**319.61**	**(FGG) Felsic Gneiss Granitic, ( )** Pinkish-grey to reddish-pink; fmg; moderate pervasive silicification and potassic alteration; few mm-scale QZ-CB stringers cut unit throughout showing moderate potassic alteration halos; unit weakly-moderately siliceous; 1 AMPIN dyke at 318.65-318.88m; 1% fg dissem PY min	A68541	318.16	318.65	0.49	0.404	AGAT_FAAA		
			A68542	318.65	318.95	0.3	0.416	AGAT_FAAA		
			A68543	318.95	319.61	0.66	0.168	AGAT_FAAA		
319.61	**320.74**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Light to dark green; fmg; moderate silicification and chloritization; APMIN defined by presence of light-green clotty-textured CPX; 2-3% MG POB GRT; no significant mineralization; sharp lower contact with FGG	A68544	319.61	320.74	1.13	16.8	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
320.74	**322.91**	**(FGG) Felsic Gneiss Granitic, ( )**	A68545	320.74	321.7	0.96	0.348	AGAT_FAAA		
Dark grey to pinkihs-grey; fcg; moderate-strong pervasive silicification; weak patchy potassic alteration; moderate AUG texture develops downhole towards lower contact defined by cg MUSC lclly showing POT staining and stretching parallel to weakly-defined foliation measured at 45dtca; 1 QV2 at 321.76-321.90m hosting no sig min; no significant mineralization lith-hosted			A68547	321.7	322	0.3	0.109	AGAT_FAAA		
			A68548	322	322.91	0.91	0.286	AGAT_FAAA		
322.91	**324.94**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68549	322.91	324	1.09	0.743	AGAT_FAAA		
Dark grey to black to pinkish-grey to greenish-grey; fcg; moderate pervasive silicification; lcl strong SER alteration replacing BND/FOL-defining BIO; weak-moderate CL alteration also defines banding lclly with weak background alteration; 1% MUSC develops downhole towards lower contact with FGG; trace dissem PY min			A68550	324	324.94	0.94	1.53	AGAT_FAAA		
324.94	**329.60**	**(FGG) Felsic Gneiss Granitic, ( )**	A68551	324.94	326	1.06	0.33	AGAT_FAAA		
Pink to grey to beige-grey; fcg; moderate-strong pervasive silicification and weak-moderate patchy potassic alteration; unit moderately foliated defined by 5-7% BIO and 8-10% MUSC; lcl fg dissem GRT up to 1% overall; weak AUG-text develops downhole towards lower contact defined by CG MUSC; trace amounts (overall) of CG patchy PY vein-hosted at 327.75-327.85m 1% lclly; gradational lower contact with FGSGB			A68553	326	327	1	0.545	AGAT_FAAA		
			A68554	327	328	1	0.398	AGAT_FAAA		
			A68555	328	329	1	0.286	AGAT_FAAA		
			A68556	329	329.6	0.6	0.27	AGAT_FAAA		
329.60	**330.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone**	A68557	329.6	330.28	0.68	0.135	AGAT_FAAA		
Dark grey; fmg; weak-moderate silicification; moderately foliated defined by 10-12% fmg BIO; lcl vuggy EPI towards end of interval 0.5% overall; few QZ-CB-KF veins cut unit parallel to foliation measured at ~50dtca; no sig min; sharp lower contact with FGG										
330.28	**332.90**	**(FGG, FGS) Felsic Gneiss Granitic, Felsic Gneiss Sedimentary, ( )**	A68559	330.28	331.28	1	0.91	AGAT_FAAA		
Grey-dominant to pinkish-grey to beige; fcg; moderate-strong pervasive silicification and patchy weak-mod potassic alteration with lcl weak-moderate patchy serecitization to 3-5% fmg dissem to BND/FOL-defining BIO; sliver of FGSGB hosting 5-7% fmg BND GRT; unit contains 10% fcg dissem to patchy/banded MUSC; no significant mineralization observed; sharp lower contact with PEGGR			A68560	331.28	332.28	1	1.28	AGAT_FAAA		
			A68561	332.28	332.9	0.62	0.774	AGAT_FAAA		
332.90	**334.15**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A68562	332.9	334.15	1.25	0.11	AGAT_FAAA		
Pink to white to beige; fcg; no significant alteration; 3-4% fmg dissem to lclly patchy BIO entrained in plagioclase-feldspar-rich vein-material; lclly weak chloritization to plag-feldspars; no sig min; sharp upper and lower contacts										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
334.15	**335.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68563	334.15	335	0.85	0.649	AGAT_FAAA		
Grey; fmg; moderately silicified; no sig min -- BETWEEN RUNS AT 333-336m ONE METER OF GRIND WAS PRODUCED AND THE ACTUAL AMOUNT OF RECOVERED CORE IN THIS INTERVAL IS 20CM (30%)										
335.00	**336.97**	**(AMP) Amphibolite, ( )**	A68564	335	336	1	0.478	AGAT_FAAA		
Dark green; fmg; moderate pervasive chloritization; moderate foliation defined by fmg amphiboles elongated along plane of foliaton measured at ~70dtca; few QZ-CB stringers cut unit sub-parallel to foliation showing moderate potassic alteration halos; no significant mineralization; sharp lower contact with DIOP2 measured at ~50dtca			A68565	336	336.97	0.97	0.021	AGAT_FAAA		
336.97	**338.65**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	A68567	336.97	337.97	1	0.15	AGAT_FAAA		
Dark grey to reddish-grey; fmg; moderate-strong potassic staining to QZ-FSP phenocrysts defining POR texture and show a weak foliation measured at 50dtca; phenocrysts are sub-rounded and moderately-formed with ~25% fmg amphibole composing part of the matrix; few mm-scale QZ-CB stringers cut unit lclly and irregularlly; no significant mineralization			A68568	337.97	338.65	0.68	0.125	AGAT_FAAA		
338.65	**339.27**	**(AMP) Amphibolite, ( )**	A68569	338.65	339.27	0.62	0.263	AGAT_FAAA		
Dark green; fmg; moderately chloritized; weakly foliated measured at 50dtca defined by fmg amphibole; weak dioritic fabric similar to above lclly and shows same potassic staining to QZ-FSP phenocrysts; no significant mineralization										
339.27	**340.36**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone**	A68570	339.27	339.9	0.63	2.67	AGAT_FAAA		
Grey to dark grey; fcg; moderately silicified and weak patchy potassic alt lclly; 8-10% fmg BND BIO and 5-7% fmg BND/DIS GRT define texture as well as QZ-CB stringers and one PY+PO stringer; possible GBFG but lack of biotite denotes this unit FGSGB; 1% fg dissem to banded PY min overall and 0.1% banded semi-massive PO			A68571	339.9	340.36	0.46	1.92	AGAT_FAAA		
340.36	**342.50**	**(FGG) Felsic Gneiss Granitic, ( )**	A68573	340.36	341	0.64	1.42	AGAT_FAAA		
Grey-dominant to pinkish-grey to beige; localized intervals of varying grain size; dominant banded texture mod-strong defined by SER and POT alt banding as well as QZ-CB stringers; AUG texture develops downhole at 341.40-341.70m and again weakly at 342-20-342.30m defined bv mcg MUSC 3% overall; gradational lower contact with GBFG			A68574	341	342	1	0.79	AGAT_FAAA		
			A68575	342	342.5	0.5	0.785	AGAT_FAAA		
342.50	**344.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68576	342.5	343.5	1	1.34	AGAT_FAAA		
Dark grey to dark royal-blue; fmg; moderate pervasive silicification; weak-moderate			A68577	343.5	344	0.5	1	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		pervasive chloritization giving royal blue background colour to unit; weak-mod banding develops around 343.40m defined by 3% AGR MG GRT and QZ-CB stringers; 1% fg wispy to dissem PY min lclly mimicing banding; sharp lower contact with DIOP2								
344.00	**346.04**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	A68579	344	345	1	0.04	AGAT_FAAA		
		Dark grey; fmg; no significant alteration; POR texture defined by fmg sub-rounded to angular moderately-developed QZ-FSP phenocrysts entrained in a BIO and AMP rich matrix; trace amounts of EPI at 344.95-345; no sig min	A68580	345	346.04	1.04	1.6	AGAT_FAAA		
346.04	**347.95**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68581	346.04	347	0.96	1.38	AGAT_FAAA		
		Black; fmg; moderately silicified; banding defined by 10% fmg BIO; 2-3% fmg dissem to bnd GRT; sliver of FGS halfway through interval; traces of fg dissem PY min	A68582	347	347.95	0.95	0.359	AGAT_FAAA		
347.95	**349.00**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**	A68583	347.95	348.25	0.3	0.181	AGAT_FAAA		
		Grey; fmg; moderately silicified; 17cm PEGQG showing melt-texture at 348.07-348.26m hosting 2% cg BIO; no sig min to either unit	A68584	348.25	349	0.75	2.75	AGAT_FAAA		
349.00	**349.41**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	A68585	349	349.41	0.41	42.95	AGAT_FAGRA		
		Smokey/transluscent-grey to green; fcg; unit hosts 10% AMP inclusions giving MAM-like apperance to unit but dominanted (90%) by QZ and QZ flooding; 2% fg dissem PY min								
349.41	**350.76**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68587	349.41	350	0.59	0.772	AGAT_FAAA		
		Grey to pinksh-grey to beige-grey; fcg; moderate silicification; weak patchy POT and SER alt; weak banding defined by QZ-CB stringers and 5-7% BIO; lclly conglomeratic hosting CG rounded QZ-KF phenocrysts in a homogeneous FGS matrix at 349.6-349.72m; no significant mineralization	A68588	350	350.76	0.76	0.559	AGAT_FAAA		
350.76	**354.17**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68589	350.76	351.6	0.84	0.77	AGAT_FAAA		
		Black; fcg; moderate background CL alteration lclly and lclly silicified; lclly banded defined by QZ-CB stringers; 25% BIO and 15% fcg GRT define foliation measured at 45dtca; minor 2% wispy to patchy SILL; 1% dissem PY min	A68590	351.6	352.6	1	1.75	AGAT_FAAA		
			A68591	352.6	353.6	1	2.07	AGAT_FAAA		
			A68593	353.6	354.17	0.57	2.56	AGAT_FAAA		
354.17	**354.48**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)**	A68594	354.17	354.48	0.31	3.1	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Grey and green; fcg; moderate CL alteration to plag feldspars; inclusions of up-and-downhole GBFG with mg POB/AGR grt lclly vein-hosted; no sig min; sharp upper and lower contacts								
354.48	**357.97**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black to dark grey; fcg; lcl weak-moderate silicification; 7-8% cg POB grt and 15-20% fmg BIO define banding; lclly siliceous; few wispy mm-scale QZ-CB stringers show weak POT and SER alt halos; 1% fg dissem to band-mimicing PY min	A68595	354.48	355.28	0.8	8	AGAT_FAGRA		
			A68596	355.28	356.28	1	2.7	AGAT_FAAA		
			A68597	356.28	357	0.72	0.889	AGAT_FAAA		
			A68599	357	357.97	0.97	1.15	AGAT_FAAA		
357.97	**358.80**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark brown; fcg; moderately silicified; phenocryts rounded to angular and overall texture appears well-formed; phenocrysts are of QZ and plagioclase FSP litho; matrix composed mainly of BIO with no significant mineralization trapped up in the BIO; weak foliation to matrix defined lclly; sharp upper and lower contacts at ~50dtca each	A68600	357.97	358.8	0.83	0.195	AGAT_FAAA		
358.80	**360.53**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black to dark grey to smokey-grey; fcg; weakly silicified lclly; moderately siliceous lclly; banding defined by 20% BIO subsequently foliated at ~50dtca; 1% fg wispy PY min entrained in and along BIO mineral selvages mimcing foliation; 5-7% fcg dissem to BND GRT; sharp lower contact with QV1	A68601	358.8	359.8	1	14.25	AGAT_FAGRA		
			A68602	359.8	360.53	0.73	22.46	AGAT_FAGRA		
360.53	**361.39**	**(QV, MAM) Quartz Vein, Mottled Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Smokey to transluscent-grey to green; fcg; siliceous MAM OR smokey-grey flooded QV1 with MAM-like appearance; wispy web-like siliceous amphibole hosts bulk of 3% fg PY min; sharp upper and lower contacts	A68603	360.53	361.39	0.86	0.368	AGAT_FAAA		
361.39	**361.82**	**(AMP) Amphibolite, ( )** Green to dark green; fcg; moderately silicified and weakly-mdtly foliated; 15-20% white anhedral feldspar disseminated throughout; no sig min; sharp upper and lower contacts	A68604	361.39	361.82	0.43	0.965	AGAT_FAAA		
361.82	**362.20**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Grey-green; fcg; moderate-strong brecciated as downhole side of unit shows Fault Gouge material with very poor RQD; BX infilled by CL frac-fill; no sig min hosted; sharp lower contact with BX gouge-like material	A68605	361.82	362.2	0.38	1.88	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
362.20	**364.68**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; fault-zone showing strong BX texture at upper contact as first 30cm of interval composed of clay-like chalky gouge-material; 10-20% RQD from start of interval to 364m where competent grey FGS appears; no sig min	A68607	362.2	363	0.8	0.474	AGAT_FAAA		
			A68608	363	364	1	0.477	AGAT_FAAA		
			A68609	364	364.68	0.68	1.86	AGAT_FAAA		
364.68	**365.62**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fmg; wk silicification; mod foliation defined by mg amphiboles lclly elongated along foliation plane measured at ~50dtca; 4-5% fg dissem to lclly AGR GRT; no sig min; sharp lower contact	A68610	364.68	365.62	0.94	1.92	AGAT_FAAA		
365.62	**367.35**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beige; fmg; moderate pervasice serecitization; lcl QZ clasts; lcl POT alteration halos to mm-scale QZ-CB stringers; banded texture defined by up to 6cm QZ-FSP-CB stringers cutting unit at ~60dtca; no significant mineralization	A68611	365.62	366.62	1	2.18	AGAT_FAAA		
			A68613	366.62	367.35	0.73	0.861	AGAT_FAAA		
367.35	**367.65**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Grey to green; fcg; banded textured defined by slivers of uphole serecitized FGS included in vein material; SER alt to cg patchy plagioclase feldspars; no sig min; sharp lower contact	A68614	367.35	367.65	0.3	1.15	AGAT_FAAA		
367.65	**368.62**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beiege; fmg; moderate pervasive serecitzation; few QZ stringers cut unit hosting no sig min; no sig min to unit	A68615	367.65	368.62	0.97	0.634	AGAT_FAAA		
368.62	**368.92**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black; fmg; moderately silicifed; 20% BIO and 10% GRT define weak-mod fol at ~50dtca; 1% fg wispy PY min mimics foliation; gradational lower contact	A68616	368.62	368.92	0.3	0.649	AGAT_FAAA		
368.92	**370.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beige; fmg; moderate pervasive serecite alteration; no well-defined textures or mineralization; gradational lower contact with PEGGR	A68617	368.92	370	1.08	1.37	AGAT_FAAA		
370.00	**370.32**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A68619	370	370.32	0.32	1.29	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Grey to green to beige-green; fcg; SER alteration to CG feldspars entrained in vein material; no sig min; gradational lower contact								
370.32	**372.33**	**(AMP, QFP) Amphibolite, Quartz Feldspar Porphyry, ( )** Dark green to light green; fcg; AMP-dominant interval showing weak-moderate foliation defined by fmg AMP grains elongated lclly along foliation plane measured at ~50dtca; 2 QFP intrusives at 370.80-371 and again at 371.56-371.70m; no significant mineralization to whole of interval; sharp lower contact with siliceous MAM	A68620	370.32	370.75	0.43	2.7	AGAT_FAAA		
			A68621	370.75	371.05	0.3	0.176	AGAT_FAAA		
			A68622	371.05	371.56	0.51	0.425	AGAT_FAAA		
			A68623	371.56	371.94	0.38	0.526	AGAT_FAAA		
			A68624	371.94	372.33	0.39	0.112	AGAT_FAAA		
372.33	**373.05**	**(MAM) Mottled Amphibolite, ( )** Dark to light green to smokey-grey to opaque-white; fcg; moderately developed MAM with large CG anhedral clasts of light-green AMP entrained in a siliceous QZ-rich matrix; 0.5-1% fg dissem PY min overall	A68625	372.33	373.05	0.72	0.949	AGAT_FAAA		
373.05	**373.30**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68627	373.05	373.35	0.3	6	AGAT_FAGRA		
373.30	**373.74**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Grey to greenish-grey to white; fcg; banded QV1 with slivers of AMP defining banding; 2-3% fg dissem PY min AMP and QV1 hosted; sharp lower contact with AMP	A68628	373.35	373.74	0.39	42.2	AGAT_FAGRA		
373.74	**374.00**	**(AMP) Amphibolite, ( )** Dark green to green; fmg; weakly foliated defined by fmg AMP measured at 55dtca; no sig min; sharp lower contact	A68629	373.74	374.04	0.3	0.527	AGAT_FAAA		
374.00	**374.82**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Grey to black to beige; fcg; moderate SER alt to BND-defining BIO; lcl royal-blue CL alteration also defining banding lclly; 1% fmg PY min mimicing BND; sharp lower contact with PEG/QV1 split interval	A68630	374.04	374.82	0.78	4.5	AGAT_FAAA		
374.82	**377.00**	**(PEG, QV) Pegmatite, Quartz Vein, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Split 50/50 interval composed of PEGQG and QV1 material; QV1 sections weave in an out of host PEGQG with smokey-grey appearance and increaes in sukphide mineralization	A68631	374.82	375.18	0.36	5.9	AGAT_FAGRA		
			A68633	375.18	376	0.82	15.6	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
associated with lcl flooding surround the QV1 intervals; lclly banded defined by inclusions of FGS and AMP slivers; 2% PY min overall; lower contact drawn due to incresae in feldpsar content and decrease in inclusion of FGS/AMP			A68634	376	377	1	36.2	AGAT_FAGRA		
377.00	**378.58**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	A68635	377	378	1	14.9	AGAT_FAGRA		
White-dominant with lcl pink and greenish-grey-beige sections; 20cm inclusion of QFP at 378-378.2m; CG feldspars show moderate selective serecite alteration; no significant mineralization vein-hosted			A68636	378	378.58	0.58	6.3	AGAT_FAGRA		
378.58	**378.82**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A68637	378.58	378.88	0.3	0.247	AGAT_FAAA		
Green to dark green; fmg; no sig min or alt; sharp upper and lower contacts										
378.82	**384.00**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass**	A68639	378.88	380	1.12	0.1	AGAT_FAAA		
Grey to reddish-pink to red; fcg; moderately silicified and moderate potassic staining to QZ-FSP phenocrysts defining a weak-moderate porphyritic texture; phenocrysts are angular and poorly formed lclly to subrounded elsewhere; last meter of interval shows 0% RQD with broken/blocky core and rubble around 383.50m; no sig min			A68640	380	381	1	0.07	AGAT_FAAA		
			A68641	381	382	1	0.189	AGAT_FAAA		
			A68642	382	383	1	0.053	AGAT_FAAA		
			A68643	383	384	1	0.072	AGAT_FAAA		
384.00	**387.77**	**(DIO, PEG) Diorite, Pegmatite, (DIOP1) Porphyritic diorite with finer grained ground mass**	A68644	384	385	1	0.066	AGAT_FAAA		
Split 50/50 interval composed of POR-textured reddish-grey DIOP1 and melt-textured QZ-rich PEGQG with RQD of interval ~50% or less; mechanically broken core as well as fault-zone material makes ascertaining textures/mineral abundances difficult; sereciteized and melt-textured PEGGR dominantly showing at 386.6-387.0m; pervasive weak-moderate to lclly strong potassic alteration to unit			A68645	385	386	1	0.11	AGAT_FAAA		
			A68647	386	386.5	0.5	0.06	AGAT_FAAA		
			A68648	386.5	387.39	0.89	0.08	AGAT_FAAA		
			A68649	387.39	387.77	0.38	0.054	AGAT_FAAA		
387.77	**388.82**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68650	387.77	388.77	1	0.063	AGAT_FAAA		
Grey; fcg; modeate-strong silicification; weakly-developed QZE texture at start of interval with phenocrysts/clasts showing subrounded shape and well-pronounced with lcl eyes hostting trace amounts of SILL; few QZ stringers show weak SER alt halos; 8-10% fmg BIO disseminated throughout; no sig min; gradational lower contact due in increase in POT alteration										
388.82	**397.95**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**	A68651	388.77	389.77	1	0.066	AGAT_FAAA		
Grey to very pale pink/orange; fcg; moderate-strong silicification; minor 10% PEGGR cuts unit in three places (see veining tab for vein-description at 390.42m 391.38m and 392.27m);			A68653	389.77	390.4	0.63	0.059	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
well developed QZE texture throughout defined by subrounded to lclly angular well-pronounced/formed QZE; weak lclly pervasive POT alteration giving very pale-pink to orange hue to FGS; no muscovite or sillimanite to denote these intervals FGG; weak-moderate fol defined by 7-8% fmg BIO lclly elongated along plane of foliation; no sig min; sharp lower contact with AMPFW			A68654	390.4	390.7	0.3	0.045	AGAT_FAAA		
			A68655	390.7	391.7	1	0.058	AGAT_FAAA		
			A68656	391.7	392.27	0.57	0.046	AGAT_FAAA		
			A68657	392.27	392.7	0.43	0.073	AGAT_FAAA		
			A68659	392.7	393.7	1	0.033	AGAT_FAAA		
			A68660	393.7	394.7	1	0.028	AGAT_FAAA		
			A68661	394.7	395.7	1	0.012	AGAT_FAAA		
			A68662	395.7	396.7	1	0.022	AGAT_FAAA		
			A68663	396.7	397.95	1.25	0.005	AGAT_FAAA		
397.95	**405.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	A68664	397.95	399	1.05	0.058	AGAT_FAAA		
Dark to light green; fcg; moderately silicified with lcl patchy RIE alteration giivng purply-blueish-grey hue to unit; 8-10% POB to lclly AGR GTR define the FW; 0.5-1.0% fmg dissem to lclly wispy PO min; EOH=405m			A68665	399	400	1	0.029	AGAT_FAAA		
			A68667	400	401	1	0.022	AGAT_FAAA		
			A68668	401	402	1	0.034	AGAT_FAAA		
			A68669	402	403	1	0.054	AGAT_FAAA		
			A68670	403	404	1	0.044	AGAT_FAAA		
			A68671	404	405	1	0.022	AGAT_FAAA		

Newmont

Geological Description with Assays

Hole ID : **BL19-01084**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	193	Easting :	331652.07	Logged By :	Alex.Jibb
Dip :	-71.7	Northing :	5303286.25	Logged By 2 :	
Length :	402	Elevation :	431.243	Log Start :	26-May-2019
Drill Start :	17-Apr-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	31-May-2019
Drill Completed :	21-Apr-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Used proposed numbers to be able to see trace in leapfrog. Accidentally signed off on cementing information taken from Major Drilling timesheet.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**3.34**	**(OB) Overburden, ( )**								
Casing block at 4m; core begins at 3.34m										
3.34	**13.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey to dark grey; localized intervals of varying grain size; mod-strong pervasive silicification; lcl SER+POT halos around mm-scale QZ-CB stringers; POR texture well-developed and is defined by fcg angular to subrounded to lclly rounded QZ-FSP phenocrysts giving a weakly dioritic texture overall; 8-10% fmg dissem BIO throughout rim phenocrysts lclly; 2-3% fmg dissem AMP appears similarly to BIO; no significant sulphide mineralization										
13.80	**15.06**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Dark to light green; fcg; patchy moderate chlorite alteration to light-green CPX; light-green CPX and minor QZ stringers define a weak banded texture; overall clotty defined by same light-green CPX; 3% fg dissem PY min across banding boundaries										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

15.06 19.77 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to lclly dark grey; fcg; moderate-strong silicification; POR texture well-developed and defined by fcg QZ-FSP phenocrysts appearing similar to a dioritic-fabric; 8-10% fmg dissem BIO throughout with minor AMP-clasts and disseminated AMP grains 5-7% overall; weakly congolomeratic lclly defined by aforementioned AMP-clasts; 2% fg dissem PY min throughout

19.77 25.40 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Grey to dark grey to dark/light-green; fcg; moderately silicified; clasts of AMP and finer-grained FGS define a weak-moderate congolmeratic texture to unit; lcl felsic clasts identified and weak banding shows terminations giving conglo-like apperance; AMPIN clotty-textured and weakly defines banding modifier in FGS; lclly vuggy around QZ-CB stringers which show trace amounts of POT and SER alteration as halos; 1-2% fmg dissem PY min

25.40 27.92 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; fcg; moderately silicified; trace-to-weakly-defined QZE texture by poorly-formed subrounded QZ eyes; minor AMP content to interval likely sourced from upper and lower flanking AMPIN units; few mm-scale QZ-CB stringers show trace SER and POT alt halos; trace mg PY min stringer-hosted

27.92 28.91 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green; fcg; weak patchy chlorite alteration defines a weak CLTY texture; unit weakly congolmeratic; few mm-scale QZ-CB stringers show weak POT alt halos; 1% fg dissem PY min

28.91 55.34 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey to grey; fmg; moderate silicification; weak QZE texture throughout with lcl sections more defined than others; QZE litho composed of QZ and lclly QZ-FSP; moderately foliated defined by 8-10% fmg BIO; measured at ~40dtca; lcl QZ-KF clasts around 36m; several QZ-FSP-BOI stringers cut unit sub-parallel to foliation with lcl stringers cutting unit at high angles (sub-perp tca); QV1 tension gash at 37.67-37.90m hosting 1% mg dissem PY; 1 massive-textured QV2 at 54.39-54.52m; weakly conglomeratic from 41.30-42.15m defined by finer-grained angular FGS clasts and subrounded to angular AMP clasts; 0.5-1.0% fg dissem PY min overall; sharp lower contact with QFP measured at 55dtca

55.34 55.69 (QFP) Quartz Feldspar Porphyry, ( )

Dark grey; fcg; well-developed POR texture defined by mcg angular to subrounded QZ-FSP

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		phenocrysts entrained in a BIO-dominant matrix; 2-3 PEGQG-style stringers cut unit hosting no sig min; no significant mineralization throughout; sharp lower contact measured at 40dtca								
55.69	**74.43**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark grey to grey; fcg; weak-moderate pervasive silicification to whole of interval; moderately defined POR texture similar to DIO-fabric with phenocrysts moderately-developed and subrounded to angular; weak-moderate foliation at top of interval measured at ~45dtca; few mm-scale QZ-CB stringers show trace SER+POT alt halos; amphobole content of unit increases around 66m and defines a weakly conglomeratic interval betwwen 70-74m with angular AMP entrained in POR-textured FGS; variable abundance of fg dissem PY min with lcl concentrations up to 4%; 2% fg dissem PY overall								
74.43	**84.38**	**(AMPG) Amphibole Felsic Gneiss, ( )**								
		Green to white; fcg; well-developed POB texture defined by mcg rounded to sub-rounded AMP/HBL porphyroblasts; felsic background weak-moderately foliated defined by acicular/needly fg AMP measured at ~40dtca; few QZ-CB stringers cut unit sub-parallel to foliation showing trace POT alt halos; no sig min; sharp upper and lower contacts measured at 55 and 75dtca respectively								
84.38	**96.97**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to dark grey to lclly reddish-grey; fcg; moderately silicified; moderately-developed POR texture throughout with phenocrysts subrounded to angular in shape and copmosed of QZ-FSP lclly showing very weak potassic alteration; 1 9cm amp-rich QV1 stringer at 92.57m; unit variably mineralized by PY with lcl concentrations up to 3%; overall PY content 1% fg dissem								
96.97	**100.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark to light grey to reddish-pinkish-grey; fmg; moderately silicified and variable degrees of pervasive potassic alteration from weak/trace to moderate; moderately foliated defined by 7-8% fmg BIO measured at 40dtca; traces of fg dissem PY min								
100.50	**118.96**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to dark grey; fmg; moderately silicified and lclly weakly serecitized; foliation moderate and defined by fmg BIO lclly elongated along foliation plane measured at 55dtca; several cm-scale QZ-FSP veins cut unit parallel to foliation and lclly host fmg dissem PY; lcl dissem vuggy EPI 1% overall; increase in AMP content compared to above FGS unit 2-3% fmg dissem generally with lcl AMP-rich clasts defining a lclly very weak conglo texture; inferred lower contact drawn due to increase in pervasive silicification and potassic alteration as well as development of a moderate QZE texture								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

118.96 134.65 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey to reddish-pink; fcg; modeate-strong pervasive silicification and variable intensity of potassic alteration from weak to lclly strong; moderately developed QZE texture to lclly weakly-developed defined by subrounded to subhedral QZ clasts entrained in an FGS-background; 1 massive-textured QV2 at 120.05-120.17; several other mm-scale QZ-CB stringers showing strong POT alteration halos; 0.5% PY dissem PY min

134.65 136.60 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )

Split 50/50 interval composed of fcg green AMP and strongly siliceous dk grey FGS; several mm-scale QZ-CB stringers showing strong POT alt halos cut unit irregularly; 2% vffg dissem PY min

136.60 137.53 (AMP) Amphibolite, ( )

Green to light-green to red; fmg; intense CL and POT alteration to upper and lower flanks of unit; veining and alteration appear foliated at ~50dtca; many wispy QZ-CB stringers cut unit; no sig min; sharp lower contact with QV2

137.53 138.20 (QV) Quartz Vein, (QZVT2) Massive quartz vein

White; fcg; few cg patchy inclusions of AMP showing weak-mod POT alteration and hosting trace amounts (overall) of mcg dissem subhedral PY min; sharp upper and lower contacts

138.20 139.18 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark-grey; fmg; mod-strong pervasive silicification; 3-5% fmg dissem AMP entrianed in siliceous intervals of unit; 1% fg dissem PY min throughout

139.18 144.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Light-to-dark green; fcg; moderately silicified; weak-moderate PAT CL alt and lcl POT alt halos around QZ-CB stringers; few stringers exhibit ptygmatic folding; 2% fg dissem PY min throughout

144.00 156.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey to lclly light-grey; fcg; mod-strong silicification and weak-moderate lcl POT alt HALOs around mm-scale QZ-CB stringers; POR texture moderately-developed and phenocryts composed of QZ-FSP are subrounded to angular and subhedral in shape; few PEGGR stringers cut unit sub-parallel to weakly defined foliation at 153.85-153.93 and again at 154.32-154.39m; 2% fg dissem PY min throughout

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

156.00 156.52 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green to lclly light-green; fcg; moderate silicification and weak-moderate patchy chloritization; clotty-texture defined by lighter-green mcg CPX; 0.5% fmg dissem PY min

156.52 156.94 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Grey/white to pale-pink; fcg; slivers of FGS included in vein matieral hosting 0.5% fg PY min; no PY min vein-hosted; gradational lower contact with split 50/50 AMP/FGS unit

156.94 157.76 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Split 50/50 interval composed of dark-green clty-textured AMP and silicified FGS; whole interval moderately silicified with weak patchy CL alt lclly defined in AMP-rich intervals; 0.5-1.0% fg dissem PY min

157.76 158.36 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fmg; mod silicification; 1 1cm QZ-CB stringer showing weak-moderate POT alt halo; no sig min; sharp upper and lower contact

158.36 163.65 (AMP) Amphibolite, ( )

Dark green to lclly light-green; weakly silicified and moderate PAT CL alt to lcl CPX-rich intervals; foliation weak-moderate; clotty-texture defined by mcg light-green CPX; 2-3% fmg dissem PY min and 1% cg patchy PO min

163.65 168.14 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to lclly dark grey; fmg; moderately silicified; moderate foliation defined by 8-10% fmg BIO measured at ~50dtca; 1-2% fmg dissem to lclly FOL-mimicing PY min

168.14 168.46 (PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)

White to pale pink; mcg; no sig min; sharp upper and lower contacts

168.46 174.10 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

Split 80/20 interval composed of siliceous grey FGS and melt-textured PEGGR with veining

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		at 169.53-169.76 and again at 172.27-172.50m; AUG/CONGL (clastic) texture defined by rounded PEGGR clasts up to 3cm in diameter hosted in FGS from 170.6-173; unit hosts 0.5-1% fg dissem PY min dominantly in FGS - PEG units unmineralized								
174.10	**174.27**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Green to red to brown; fmg; strong POT and SER alt; no sig min; sharp upper and lower contact								
174.27	**174.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; moderately silicified; last 5cm of interval composed of AMP that is on the downohle side of intrusive UMD; no significant mineralization								
174.80	**175.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Green to dark red; fmg; strong CL and POT alt; no sig min; sharp lower contact with AMPIN								
175.50	**176.28**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark to light green; weak silicifiation and patchy weak-mod chloritization; clotty-textured defined by mcg light-green CPX; 1% PY min								
176.28	**176.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Light-grey to grey; fmg; patchy trace SER alt; moderate silicification; 5-7% bio define weak fol at ~50dtca; no sig min; sharp upper and lower contacts								
176.80	**177.15**	**(AMP) Amphibolite, ( )** Dark green; fmg; weak patchy CL alt; FGS fabric throughout defined by 2-3% BIO; 0.5% PY min; sharp lower contact								
177.15	**180.88**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; moderately silicified; weak POT and SER alt halos around wispy mm-scale QZ-CB stringers; weakly developed QZE texture throughout with phenocrysts showing subrounded to angular habit; weak foliation defined by stretching of lcl QZE and 5-7% BIO measured at ~50dtca; unit hosts no significant mineralization								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
180.88	**183.30**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Dark grey to reddish-grey; moderately silicified and lclly weak potassic alteration to texture-defining QZ-FSP phenocrysts; well-developed POR texture defined by mcg subrounded to angular to subhedral QZ-FSP phenocrysts in a felsic bio/amp-rich matrix; unit shows weak-moderate foliation at ~50dtca; 1 lone PEGQG vein cutting unit parallel to foliation at 182.81-182.88m; no sig min								
183.30	**184.45**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Split 80/20 interval composed of silicified and moderately foliated FGS and intrusive green fmg AMP dyke showing a weak porphyritic texture defined by 20% subrounded to rounded mg HBL grains; 2% fmg dissem EPI; foliation measured at 50dtca; no sig min								
184.45	**186.84**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Dark grey grey to pinkish-grey; fcg; moderately silicified and moderate potassic alteration to texture-defining QZ-FSP phenocrysts; well-developed POR texture defined by mcg subrounded to subhedral QZ-FSP phenocrysts entrained in an AMP/BIO-rich matrix; weakly foliated measured at ~50dtca; no sig min; shar lower contact with FGS								
186.84	**189.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** Light grey to reddish-pinkish-grey; fmg; moderately silicified; unit cut by several wispy QZ-CB stringers at random intervals/orientations showing POT and SER alt halos; 1 PEGGR vein at 187.44-187.55m; no significant mineralization to unit								
189.45	**192.27**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark green to lclly light green; fmg; moderate patchy CL alt; weak-mod foliation defined by amphibole grains and lighter-green CPX as well as weakly potassic altered AMP; gouge at 189.57-189.74m; few QZ-CB stringers cut unit sub-parallel to foliation; no sig min								
192.27	**195.88**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey to reddish/pinkish-grey; fmg; moderately silicified and weakly potassic alterated in the form of HALOs around QZ-CB stringers; 1 AMPIN dyke at 193.83-194.07m hosting 1% bnd PY min parallel to foliation; sharp lower contact								
195.88	**198.69**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey; fmg; moderately silicification; well-developed POR texture defined by fmg subrounded to angular to subhedral QZ-FSP phenocrysts entrained in an AMP-rich matrix;								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		possible DIOAM but lacks rimming of BIO/AMP around texture-defining phenocrysts; few stringers cut unit showing weak POT alt halos; no sig min; sharp lower contact								
198.69	**202.51**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pinkish-grey to dark grey; fmg; moderately silicified and top of interval shows weak-moderate POT and SER alt around mm-scale QZ-CB stringers; banded texture defined by 7-8% fmg BIO and cm-sized slivers of AMP hosting 2% fg dissem PY min overall								
202.51	**203.94**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fmg; moderately silicified; weak banded texture defined by mm-scale QZ-CB stringers and lighter-green CPX; lcl PY stringers also defining BND; 1% PY min overall								
203.94	**207.31**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Split 80/20 interval composed of AMP-bearing BND FGS and CLTY-textured FCG AMPIN; moderate pervsaive silicification and weak-moderate patchy CL-alt; banded texture in FGS defined by QZ-CB stringers and 7-8% BIO; CLTY AMPIN texture defined by lighter-green mcg patchy CPX; 2% fg dissem PY min								
207.31	**208.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fcg; moderate silicification and weak-moderate patchy CL and CARB alteration defining CLTY-texture; 1% vffg dissem PY min								
208.10	**209.15**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; moderate-strong silicification; unit cut by several QZ-CB stringers showing moderate SER alt halos; relatively-massive textured; no sig min; sharp lower contact								
209.15	**210.32**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fmg; weak silicification; weak patchy CL-alt; bnd texture defined by AMP grains and clotty-textured CPX; 1% fg dissem PY min								
210.32	**213.09**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; moderate silicification; massive-textured; several QZ-CB stringers cut unit at randomin intervals/orientations lclly showing SER+POT alt halos; no sig min								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

213.09 213.92 (AMP) Amphibolite, ( )

Green; fmg; moderate chloritization; banded texture defined by QZ-CB stringers showing weak-moderate POT alt halos; no sig min

213.92 218.11 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Grey; fmg; moderate silicification; banded texture defined by cm-dm scale AMP slivers; subsequent foliation defined by 5-7% BIO and AMP-banding; trace fg dissem PY min

218.11 219.08 (DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass

Grey to white to reddish-pink; fcg; moderate pervasive silicification and weak pervasive potassic alteration to background matrix; well-developed POR texture defined by mcg subrounded/rounded to subhedral QZ-FSP phenocrysts with matrix composed of FG dissem AMP and BIO; possible DIOAM; no sig min

219.08 220.05 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Green to dark green; fmg; moderate patchy CL alt and weak pervasive SIL alt; spotty/patchy POT alt to QZ-CB stringers; banding defined by QZ-CB stringers and POT alt and subseuent foliation mesaured at 50dtca; no sig min; gradational lower contact

220.05 228.04 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to pinkish-grey; fmg; moderately silicified; lcl POT and SER halos around QZ-CB stringers concordant to moderately defined foliation measured at ~50dtca; banding defined by aforementioned stringers and 8-10% BIO; 0.5% fg dissem PY min; sharp lower contact with UMD-LAMPD

228.04 228.68 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fmg; weakly-defined POR texture (likely amygdlules) filled in by carbonate; upper contact measured at 23dtca

228.68 233.75 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to lclly reddish-pink; fcg; moderate pervasive silicification and lcl moderate-strong patchy SER and POT alteration; bulk of POT alteration occurs on upper and lower flanks of massive-textured QV2s which include cg anhedral KF in vein-material; variable levels of POT alteration halos throughout; 2 QV2s at 230.85-230.96 and 231.14-231.26m;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		moderate-strong foliation defined by 5-7% fmg BIO; trace/weak QZE developed around 230.5-230.7m; no significant mineralization								
233.75	**234.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Dark green; fmg; weak silicification; mod POT alt; weak-moderate SER alteration; mod fol defined by fmg AMP grains lclly elongated along plane of foliation defined at 60dtca; no sig min; sharp upper and lower contacts								
234.10	**240.47**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to dark grey to pink-grey; fcg; mod-strong silicification; weak patchy SER alt; weak-mod PAT/HALO POT alt; moderately developed banding defined by 8-10% fmg BIO and QZ-CB stringers as well as POT/SER halos around stringers; 1 msv QV2 at 237.26-237.40m with upper contact perp to fol and lower contact parallel to fol; weak-moderate QZE texture defined by angular to subrounded anhedral to subhedral QZ phenocrysts betwwen upper contact at 234.1-237; no significant mineralization								
240.47	**241.04**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Dark green; fmg; weak patchy POT alt and weak pervasive silicification; banded texture defined by fmg AMP grains lclly stretched along plane of foliation measured at 60dtca and by mm-scale QZ-CB stringers; no sulphide mineralization								
241.04	**241.65**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey; fmg; moderate silicification; moderately foliated measured at ~50dtca; no sig min; 2 1cm QZ-CB-BIO stringers parallel to foliation host; no significant mineralization; sharp upper and lower contacts								
241.65	**242.78**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Green to dark green; fmg; moderate silicification and weak-mod patchy CL alt; weak-mod fol defined by fmg AMP measured at 60dtca; few QZ-CB stringers parallel to foliation; no sig min								
242.78	**252.44**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to dark grey to lclly pinkish-grey; fcg; modereate silicification; patchy weka-mod POT alt and mod-strong POT alt HALOs; banded texture lclly is defined by QZ-CB stringers and elongated QZ-FSP eyes that define a well-developed QZE texture downhole; QZ-CB stringers cut unit at random orientations/intervals and show moderate POT alt halos; QZE texture well-developed from 248-252.44m defined by subrounded to elongated subhedral QZ								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

phenocrysts; stretching of QZE occurs along foliation plane which is measured at 50dtca; 3 AMP dykes cut unit at 244.03-244.13 and again at 244.95-245.04 moderately foliated at ~60dtca; larger AMP dyke at 249.7-249.85; 1% fg dissem PY min throughout

252.44 252.76 (AMP) Amphibolite, ( )

Dark green; fmg; moderately silicifiedl moderately foliated define dby mg AMP grains measured at 55dtca; bnd defined by stringers showing POT alt halos; no sig min; sharp lower contact with QV2

252.76 252.99 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Pink and white; fcg; inclusions of patchy/agr KF host 1% fg dissem PY; vein-material barren; sharp lower contact

252.99 253.66 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fmg; moderately silicified; POR texture defined by subrounded to angular mdtly formed QZ-FSP phenocrysts; sharp lower contact with UMD-LAMPD measured at 30dtca

253.66 254.32 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fmg; moderate CL alt halos on upper and lower flank of sharp contacts measured at 30dtca each; no sig min

254.32 258.00 (FGS) Felsic Gneiss Sedimentary, ( )

Dark to light grey; fcg; moderate-strong siliciifcation and moderate potassic alteration halos around mm-scale QZ-CB stringers; mod-strong foliation measured at 50dtca; POR texture poorly-developed defined by subrounded to subhedral QZ-FSP phenocrysts in a BIO-rich matrix; no sig min

258.00 264.37 (AMP) Amphibolite, ( )

Dark green; fmg; weak silicification; banded texture defined by fmg dissem AMP lclly elongated along foliation planre defined at 60dtca; FGS-QZE sliver at 258.38-258.50m; 1% fg dissem PY min throughout

264.37 266.00 (DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass

Dark grey; fcg; weakly silicified; well-developed POR texture defined by fcg subrounded to round subhedral QZ-FSP phenocrysts in a BIO and AMP rich matrix; matrix shows moderate foliation defined by BIO/AMP at 60dtca; no sig min; sharp upper and lower contacts

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

266.00 266.62 (FGS) Felsic Gneiss Sedimentary, ( )

Pinkish-grey; fmg; weak silicification and weak patchy potassic alteration; no sig min or veining; sharp lower contact with PEGQG

266.62 267.95 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

White to pale-green; fcg; weak SER alt to cg feldspars defining melt-texture; cg patchy anhedral BIO disseminated throughout; no sig min; sharp lower contact

267.95 270.34 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Green to dark green; fmg; weakly silicified; patchy weak CL alt; clty-texture defined by anhedral patchy mg light-green CPX; weak banding lclly; 1% fg dissem PY min

270.34 272.12 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; fcg; modeately silicified; moderately developed POR/QZE texture defined by subrounded to rounded QZ phenocrysts; possible DIOP1 as above DIOP1 unit appears texturally similar but this unit lacks the BIO/AMP background content; sharp lower contact with AMPIN

272.12 274.03 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green; fmg; moderately silicified and weak-moderate patchy CL alteration; banded texture defined by fmg AMP and QZ-CB stringers that define a subsequent foliation measured at 60dtca; wispy PY stringers mimic foliation lclly; 1% PY overall

274.03 275.40 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fcg; mod pervasive silicification and trace patchy SER alt; weak-moderately developed QZE texture defined by mcg subhedral subrounded QZ phenocrysts; foliated moderately defined by 7-8% fmg BIO measured at 50dtca; lcl PY wispy stringers mimic foliation; 1% fg PY overall

275.40 276.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green; fmg; weakly silicified; moderately developed banding defined by mg amp grains along foliation plane measured at 60dtca; 0.5% fg wispy fol-mimicing PY min

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
276.00	**278.93**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to lclly dark grey; fcg; moderate silicification and weak patchy SER alt; moderate-strongly developed QZE texture defined by mcg subrounded to subhedral QZ phenocrysts stretched parallel to moderately-strongly defined foliation; fol defined by fmg BIO measured at 60dtca; 1% fg dissem to lclly fol-mimicing PY min								
278.93	**281.85**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fcg; moderate silicification and weak-moderate patchy chloritization; banding defined by light-green fmg CPX and fmg AMP grains stretched lclly parallel to mod-strong fol measured at 60dtca; 1% fmg dissem to wispy fol-mimicing PY min								
281.85	**286.19**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Dark to light grey to green; moderate pervasive silicification; 20% AMP composes bulk of well-developed banded texture hosting 2-3% PY min; banding defined by AMP and QZ-CB stringers and subsequent FGS slivers; unit mod-strongly foliated at 60dtca defined by same banding elements; 3% fmg wispy to dissem fol-mimicing PY min								
286.19	**288.66**	**(AMPG) Amphibole Felsic Gneiss, ( )** Green to white; fcg; weak pervasive RIE alt to felsic background; well-developed POB texture defined by fcg HBL grains showing mod-strong foliation; foliation angle changes to sub-parallel to dip at 288.18 preceeding 1 12cm msv QV2; lcl patchy weak POT alt; no sig min								
288.66	**290.41**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey; fmg; moderately silicified and weak-moderate ser alt halos around mm-scale QZ-CB stringers; banded texture and subsequent foliation defined by fmg BIO 5-7% and QZ-CB stringers measured at 50dtca; 2 6cm QZ-PEG veins cut unit parallelto fol hosting no sig min; 0.5% fg dissem fol-mimicing PY min								
290.41	**292.82**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Black to dark grey to lclly SER-brown; fmg; patchy SER alt and weak pervasive silicification; banded texture well-developed defined by 20% fg BIO and 12-15% fmg dissem/bnd GRT; fol measured at 60dtca; 1 PEGGR vein cuts unit parallel to foliation at 291.34-291.58 hosting cg patchy BIO; 1-2% fg wispy PY min mimics foliation - SAMPLING BEGINS AT THE START OF THIS INTERVAL 290.41m	A68673	290.41	291.3	0.89	0.753	AGAT_FAAA		
			A68674	291.3	291.6	0.3	0.25	AGAT_FAAA		
			A68675	291.6	292.82	1.22	0.635	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
292.82	**298.25**	**(FGG) Felsic Gneiss Granitic, ( )** Pink to grey; localized intervals of variable grain size and alteration intensity with alteration assemblages mainly POT and weakly SER; 10-12% fcg patchy to dissem MUSC and 3-5% fmg dissem/wispy SILL throughout; weak-moderate foliation measured at 50dtca; 296.2-296.5 shows poorly developed AUG texture defined by cg poorly-formed sub rounded QZ-FSP-MUSC clasts; 1 QZPEG at 297.08-297.33m hosting no sig min; unit as a whole hosts trace amounts of vffg dissem PY min; inferred lower contact with SER-altered FGS	A68676	292.82	293.4	0.58	0.296	AGAT_FAAA		
			A68677	293.4	293.7	0.3	0.787	AGAT_FAAA		
			A68679	293.7	294.7	1	0.208	AGAT_FAAA		
			A68680	294.7	295.7	1	0.271	AGAT_FAAA		
			A68681	295.7	296.7	1	0.133	AGAT_FAAA		
			A68682	296.7	297.08	0.38	0.23	AGAT_FAAA		
			A68683	297.08	297.38	0.3	0.709	AGAT_FAAA		
			A68684	297.38	298.25	0.87	0.563	AGAT_FAAA		
298.25	**299.60**	**(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, ( )** Beiege to grey to white; fmg; strong pervasive SER alt to FGS unit with 3 10cm massive-textured QV2 veins cutting unit showing no sig alteration; no sig min to unit	A68685	298.25	299.6	1.35	0.11	AGAT_FAAA		
299.60	**304.52**	**(FGG) Felsic Gneiss Granitic, ( )** Pink to grey; fcg; localized intervals of variable grain size and alteration intensity; alteration consists of mod-strong POT alt and mod-strong pervasive silicification; 12-15% fcg dissem to patchy/wispy MUSC and minor 4-5% wispy/patchy/dissem SILL min; no significant minerlaization; gradational lower contact	A68687	299.6	300.6	1	0.55	AGAT_FAAA		
			A68688	300.6	301.6	1	0.258	AGAT_FAAA		
			A68689	301.6	302.6	1	0.329	AGAT_FAAA		
			A68690	302.6	303.6	1	0.172	AGAT_FAAA		
			A68691	303.6	304.52	0.92	0.292	AGAT_FAAA		
304.52	**306.33**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Dark/light green to pink to white' fcg' glassy-appearance and feel to unit; melt-texture defined by CG POT and CL altered feldspars; 1% mg BIO vein-hosted and hosts all of the trace PY min; last 10cm of interval composed of BIO-rich GBFG	A68693	304.52	305.4	0.88	0.247	AGAT_FAAA		
			A68694	305.4	306.33	0.93	0.466	AGAT_FAAA		
306.33	**306.93**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Grey-green; fcg; pgm texture defined by 4-5% fmg dissem/patchy BIO and CG FSP and QZ grains; BIO hosts all of trace PY min; no sig min vein-hosted	A68695	306.33	306.93	0.6	0.115	AGAT_FAAA		
306.93	**307.43**	**(PEG) Pegmatite, ( )** Black to grey to white; unit composed dominantly 60-70% of massive patchy BIO; likely a GBFG at one point before being intruded by PEGGR material; small FGS-like slivers lclly; no sig min; inferred lower contact	A68696	306.93	307.43	0.5	0.209	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
307.43	**307.93**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Dark grey; fmg; moderately foliated at 50dtca; no sig min	A68697	307.43	307.93	0.5	0.105	AGAT_FAAA		
307.93	**309.80**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Split 50/50 interval composed of grey banded background FGS with clotty-textured and weak-moderately banded AMPIN defining overall banded texture in host FGS unit; foliated at ~60dtca defined by clty-textured light-green CPX and mm-scale wispy PY stringers	A68699	307.93	309	1.07	0.138	AGAT_FAAA		
			A68700	309	309.8	0.8	0.238	AGAT_FAAA		
309.80	**310.39**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Dark green to black; fcg; moderately silicified; moderately POB defined by mcg GRT; weak foliation defined by wispy PY stringers 0.5% overall; sharp lower contact with DIOP1	A68701	309.8	310.39	0.59	0.239	AGAT_FAAA		
310.39	**317.43**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Dark grey; fcg; moderately silicified; variable degrees of POR-texture development throughout unit with lcl intervals showing a well-developed POR texture defined by subhedral to subrounded QZ-FSP phenocrysts to intervals showing a poorly-developed anheral to angular POR texture defined by QZ-FSP phenocrysts; several mm-scale QZ-CB stringers cut unit at random intervals/orientations showing weak SER alt halos; 1 PEGGR vein with sharp contacts at 311.72-311.95m showing a strong PEG texture defined by CG patchy BIO; one PY+PO mineralized QV2 from 312.85-313.00m 0.25% PY 0.25% PO; 0.25% vffg dissem to lclly cg PY min overall; tr PO min overall	A68702	310.39	311.7	1.31	0.018	AGAT_FAAA		
			A68703	311.7	312	0.3	0.027	AGAT_FAAA		
			A68704	312	313	1	0.058	AGAT_FAAA		
			A68705	313	314	1	0.065	AGAT_FAAA		
			A68707	314	315	1	0.032	AGAT_FAAA		
			A68708	315	316	1	0.018	AGAT_FAAA		
			A68709	316	317.43	1.43	0.012	AGAT_FAAA		
317.43	**318.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; moderately silicified with lcl POT and SER alt halos around texture-defining QZ-CB-BIO stringers; fol weak-mod measured at 60dtca; no sig min; gradational lower contact with clotty-textured AMP-rich interval	A68710	317.43	318.1	0.67	0.042	AGAT_FAAA		
318.10	**319.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Light to dark green; fcg; moderately silicified and weak patchy CL alt lclly; weak POT and SER alt halos lclly around mm-scale QZ-CB stringers; clotty-texture defined by mcg light-green CPX; 0.5% mg dissem GRT; 0.25% vffg dissem PY min	A68711	318.1	319.5	1.4	0.094	AGAT_FAAA		
319.50	**319.86**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to beige/tan-brown grey; fmg; moderate-strong silicification; no significant veining or mineralization; gradational lower contact	A68713	319.5	319.86	0.36	0.131	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
319.86	**321.00**	**(PEG, FGG) Pegmatite, Felsic Gneiss Granitic, (PEGGR) Granitic Pegmatite (<50% quartz)** Split 80/20 interval composed of melt-textured pink/grey PEGGR and pink/grey FGG; PEG units show reaction rims around mcg KF grains indicating a disequilibrium in the vein chemistry and defines an overall melt-texture; FGG unit shows mod-strong silicification and patchy POT alteration; POT alteration pervasive across whole interval as well as silicification; no significant mineralization hosted in either unit	A68714	319.86	321	1.14	0.774	AGAT_FAAA		
321.00	**322.42**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to lclly pinkish-grey; fmg; moderately silicified; 1 PEGGR vein at 321.58-321.70m showing peg-texture hosting no sig min; weak-moderate foliation defined by BIO stringers and QZ-CB stringers measured at 60dtca; traces of fg dissem PY min hosted in BIO stringers and along QZ-CB stringer margins; 0.5% overall	A68715	321	322.42	1.42	0.38	AGAT_FAAA		
322.42	**325.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink to reddish-pink to white/grey; fcg; silica overprinted; potassic staining to fcg KF defining MELT-texture and cg dissem to patchy BIO define weak-mod PEG modifier; 322.42-324 slightly finer-grained than 324-325.90; traces of fmg PY min hosted in cg PEG-defining BIO; sharp lower contact with green/beige LAMP at 45dtca	A68716	322.42	323	0.58	0.15	AGAT_FAAA		
			A68717	323	324	1	0.165	AGAT_FAAA		
			A68719	324	325	1	0.035	AGAT_FAAA		
			A68720	325	325.9	0.9	0.077	AGAT_FAAA		
325.90	**327.45**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Beige to olive/drab-green; fmg; moderate CB alteration to whole of interval; few QZ clasts entrained in host litho likely from intruding upper and lower flanking PEGGR; no sig min; sharp lower contact measured at 45dtca	A68721	325.9	326.9	1	0.002	AGAT_FAAA		
			A68722	326.9	327.45	0.55	0.014	AGAT_FAAA		
327.45	**327.81**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and white; fcg; moderate potassic alteration to texture-defining KF grains; continuation of uphole PEGGR that has been cut but above UMD-LAMPD; no sig min; minor 1% cg BIO entrained in vein matieral; no sig min; gradational lower contact with DIOP1	A68723	327.45	327.81	0.36	0.059	AGAT_FAAA		
327.81	**334.33**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Dark grey to reddish-pink; localized intervals of varying grain size and alteration intensity; alteration consists of mod pervasive silicification and weak-mod selective pot staining to texture defining QZ-FSP phenocrysts showing a subrounded to subhedral habit; matrix composed of fine-grained AMP and BIO in equal abundances 15-20% each; minor FGS from 329.64-329.90m; trace fg PY min	A68724	327.81	329	1.19	0.165	AGAT_FAAA		
			A68725	329	329.6	0.6	0.017	AGAT_FAAA		
			A68727	329.6	329.9	0.3	0.293	AGAT_FAAA		
			A68728	329.9	331	1.1	0.063	AGAT_FAAA		
			A68729	331	332	1	0.081	AGAT_FAAA		
			A68730	332	333	1	0.248	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A68731	333	333.57	0.57	2.53	AGAT_FAAA		
			A68733	333.57	334.33	0.76	0.295	AGAT_FAAA		
334.33	**336.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68734	334.33	335	0.67	0.239	AGAT_FAAA		
Dark to light grey; fmg; moderately silicified and moderate siliceous nature to interval; weak patchy POT alt towards end of interval and around texture-defining stirngers; minor AMP stringers cut unit also define banded texture and host all of the 0.5% fg PY min			A68735	335	336	1	0.389	AGAT_FAAA		
			A68736	336	336.7	0.7	0.64	AGAT_FAAA		
336.70	**340.50**	**(FGG) Felsic Gneiss Granitic, ( )**	A68737	336.7	337.7	1	0.619	AGAT_FAAA		
Pink to grey; fcg; moderate pervasive silicification and moderate patchy potassic alteration lclly showing strong around QZ-CB stringers; weak banded texture defined by QZ-CB stringers and subsequent alteration halos; AUG texture defined lclly by mcg patchy to elongate MUSC and SILL; 10% fcg dissem to patchy/aug-defining MUSC and 2-3% fmg dissem to wispy SILL min; 1 AMP dyke cuts unit at 337.08-337.15m and 1 PEGQZ vein at 337.23-337.39m; 0.25-0.50% fg dissem PY min throughout; sharp lower contact with SER-altered GBFG			A68739	337.7	338.7	1	1.06	AGAT_FAAA		
			A68740	338.7	339.7	1	0.873	AGAT_FAAA		
			A68741	339.7	340.5	0.8	1.11	AGAT_FAAA		
340.50	**341.54**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	A68742	340.5	341.54	1.04	0.624	AGAT_FAAA		
Beiege to SER-tan brown to grey; fmg; moderate-strong serecitization to BND BIO essentially replacing original BIO; 4-5% fmg dissem to agr/bnd GRT throughout; 10% unaltered BIO remains and defines overall texture; no significant minerlalization hosted in unit; sharp lower contact										
341.54	**342.76**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	A68743	341.54	342.2	0.66	0.479	AGAT_FAAA		
Dark grey; fcg; moderate silicification; 12-15% BIO define BND texture; fcg banded to POB GRT 2-3% define BND lclly; minor PEG 30% of interval at end of unit; no significant minerlaization			A68744	342.2	342.7	0.5	0.162	AGAT_FAAA		
342.76	**343.18**	**(DIO) Diorite, ( )**	A68745	342.7	343.18	0.48	0.095	AGAT_FAAA		
Dark grey to deep royal-blue; fmg; weakly developed POR texture defined by rounded to subrounded FSP phenocrysts in a CL-altered BIO rich matrix; no sig min										
343.18	**343.97**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68747	343.18	343.97	0.79	0.396	AGAT_FAAA		
Grey; fcg; weak-moderate silicification; weakly developed QZE texture at beginning of interval defined by subhedral QZ grains; few QZ-CB stringers showing POt and SER alt halos cut unit lclly hosting no sign min; no significant mineralization to whole of interval										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
343.97	**344.75**	**(FGG) Felsic Gneiss Granitic, ( )** Pink and grey; fcg; moderate patchy POT alteration and weak-moderate pervasive silicification; moderately-developed AUG texture defined by 5% mcg MUSC lclly elongated along FOL plane defined by MUSC and SILL and POT alt halos around QZ-CB stringers measured at 60dtca; no sig min	A68748	343.97	344.75	0.78	0.687	AGAT_FAAA		
344.75	**345.62**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )** Split 60/40 interval composed of melt-textured pink/green fcg PEGGR and serecitized banded-textured tan-brown/beige GBFG; banding defined by SER-replaced BIO and mg elongated MUSC; PEGGR shows melt-texture defined by fcg plag and k-spar; no sig min; sharp lower contact with MUSC and SILL rich GBFG	A68749	344.75	345.62	0.87	4.9	AGAT_FAGRA		
345.62	**348.85**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Dark grey to grey to black; fcg; moderate SER alt to BIO and weak-moderate silica overprinting; mod-strong banding defined by 20-25% fmg BIO and 8-10% fcg POB/AGR/BND GRT; lclly siliceous; 8-10% fmg elongate/wispy SILL mimics foliation measured at ~60dtca; 2% fmg wispy/fol-band mimicing PY min; inferred lower contact due to increase in veining	A68750	345.62	346.62	1	0.798	AGAT_FAAA		
			A68751	346.62	347.62	1	2.15	AGAT_FAAA		
			A68753	347.62	348.85	1.23	4.06	AGAT_FAAA		
348.85	**349.80**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )** Split 50/50 interval composed of grey to dark grey banded GBFG included in fcg grey PEGQZ; minor 1-2% MUSC defines banding in GBFG slivers; 1% mg AGR GRT vein-hosted; 1% fg wispy/dissem PY mimicing banding; sharp lower contact with VG-bearing QV1	A68754	348.85	349.8	0.95	14.1	AGAT_FAGRA		
349.80	**359.80**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Grey; fcg; glassy-feel to whole of interval; minor BIO banding towards top of interal from 349.8 to ~353m; 10-12% fcg dissem to banded BIO hosted in flooded QV1; 2-3% fmg dissem AMP grains vein-hosted as well; well-developed ore-zone with many sightings of vfg to mg VG almost exlclusively vein-material hosted with few vfg of VG hosted along included BIO min selvages; VG spotted from 353.50m to 359.75m with about ~15-20 vfg to mg fleks of gold spotted across this interval; 3-5% fmg dissem to patchy PY and 1-2% mcg patchy to dissem PO min vein-hosted; lcl slivers of interval give PEGQZ texture and lcl 10cm sections of QV2 material; recrystlalized AMP and BIO define QV1 texture overall; lower contact with AMP dyke sharp measured at 65dtca on upper and lower contacts; due to nature of interval 1m samples will be able to taken to represent interval appropriately	A68755	349.8	350.8	1	4.5	AGAT_FAGRA		
			A68756	350.8	351.8	1	18.5	AGAT_FAGRA		
			A68757	351.8	352.8	1	14.4	AGAT_FAGRA		
			A68759	352.8	353.8	1	10.8	AGAT_FAGRA	Yes	
			A68760	353.8	354.8	1	51.4	AGAT_FAGRA	Yes	
			A68761	354.8	355.8	1	23.9	AGAT_FAGRA	Yes	
			A68762	355.8	356.8	1	65.7	AGAT_FAGRA	Yes	
			A68763	356.8	357.8	1	8.4	AGAT_FAGRA		
			A68765	357.8	358.8	1	44	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A68767	358.8	359.8	1	36.7	AGAT_FAGRA	Yes	
359.80	**360.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green; fcg; well-foliated at 60dtca with a weak POR texture defined by mcg GRT; banding/foliation measured at 60dtca; no sig min; intruding gold-mineralized QV1								
360.00	**362.90**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Grey; fcg; weak peg texture defined by cg KF at upper contact due to intrusive AMP dyke; QV hosts 2 fleks of mg VG at 361.53 and 361.91m; 7-8% fmg BIO and 4-5% fmg AMP entrained in vein material; 2% fmg dissem PY and 1-2% fmg dissem PO	A68769	359.8	360.4	0.6	2.1	AGAT_FAAA		
			A68770	360.4	361.4	1	4.8	AGAT_FAGRA		
			A68771	361.4	362.4	1	3.15	AGAT_FAAA	Yes	
			A68773	362.4	362.9	0.5	0.777	AGAT_FAAA		
362.90	**368.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey to grey to dark green; fcg; moderate-strong silicification; banded texture defined by fcg AMP slivers/stringers hosting 1-2% overall PY min; banding defined pre-foliation as banding mimics overall foliation defined in FGS unit measured at 60dtca; overall 10% AMP and 1-2% EPI lclly; 4 minor QV2 ribbon-textured veins cut unit parallel to foliation hosting no sig min; 1-2% fmg PY min overall	A68774	362.9	364	1.1	0.42	AGAT_FAAA		
			A68775	364	365	1	0.29	AGAT_FAAA		
			A68776	365	366	1	0.194	AGAT_FAAA		
			A68777	366	367	1	0.122	AGAT_FAAA		
			A68779	367	368.12	1.12	0.556	AGAT_FAAA		
368.12	**369.23**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark grey to dark green; fmg; moderate-strong silicification; weak patchy CL alteration to light-green CPX-rich intervals; moderately foliated at 60dtca; 1% fmg dissem PY min	A68780	368.12	369.23	1.11	0.646	AGAT_FAAA		
369.23	**373.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey; moderate-strong silicification; weak patchy SER alt and lclly showing as HALOs around mm-scale QZ-CB stringers; well-developed QZE texture defined by subhedral to subrounded QZ phenocrysts in a felsic-matrix with 7-8% fmg elongate BIO moderate-strong foliation defined at 50dtca; few cm-scale QZ-CB stringers host minor/trace amounts of fmg PY min; 0.5% fmg dissem to vein-hosted PY min throughout	A68781	369.23	370.23	1	0.02	AGAT_FAAA		
			A68782	370.23	371.23	1	0.006	AGAT_FAAA		
			A68783	371.23	372.23	1	0.017	AGAT_FAAA		
			A68784	372.23	373.23	1	0.206	AGAT_FAAA		
			A68785	373.23	373.83	0.6	0.031	AGAT_FAAA		
373.83	**374.31**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Split 50/50 interval composed of moderately-foliated grey FGS and weakly foliatied green/dark green AMPIN; units cut by few cm-scale QZ-CB stringers show weak-moderate	A68787	373.83	374.31	0.48	0.014	AGAT_FAAA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
SER alt halos; no significant mineralization										
374.31	**375.10**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	A68788	374.31	375.1	0.79	0.015	AGAT_FAAA		
White to transluscent-grey to opqaue/milky-white; well-developed PEG texture defined by mcg plag feldspar and qz; minor 8-10% inclusions of FGS cut unit lclly; no sig min										
375.10	**378.16**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68789	375.1	376.1	1	0.028	AGAT_FAAA		
Grey to dark grey to reddish-pink lclly; fcg; moderate pervasive silicification and moderate-strong pervasive POT alteration from 377.45-378.16; moderately developed QZE texture defined by subhedral to subrounded QZ phenocrysts in a foliated BIO-rich matrix (8-10% fmg BIO); few fol-parallel QZ-CB stirngers showing moderate SER alt halos cut unit throughout; no significant mineralization			A68790	376.1	377.5	1.4	0.007	AGAT_FAAA		
			A68791	377.5	378.16	0.66	0.009	AGAT_FAAA		
378.16	**378.85**	**(AMP) Amphibolite, ( )**	A68793	378.16	378.85	0.69	0.357	AGAT_FAAA		
Dark grey to dark green to red; fmg; strong POT and SER/CLIteration throughout; unit preceeds a FZ composed of QV2 material with 0% RQD; difficult to ascertain textural features of unit due to alteration; weakly BX textured towards lower contact; no sig min										
378.85	**381.00**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated**	A68794	378.85	380	1.15	18.2	AGAT_FAGRA		
Reddish-pink to white; fcg; 0% RQD from 378.85 to 380.40m with lcl rubble section around 380m and 380.5m; moderate POT and SER alteration develops downhole around 380.23-381.00m; no sig min			A68795	380	381	1	19.1	AGAT_FAGRA		
381.00	**385.29**	**(DIO) Diorite, (DIOAM) Diorite with amphibole**	A68796	381	382	1	0.943	AGAT_FAAA		
Dark green to reddish-pink to red; fcg; moderate silicification and moderate-strong patchy POT alt; 20-25% fmg AMP define moderate folation at ~50-60dtca and fmg POT-altered QZ-FSP soubrounded to angular phenocrysts define POR texture; possible AMPIN due to AMP concentration but POR texture denotes DIOAM nomenclature; trace fg dissem PY min; 1 PEGGR vein at 384-384.20m showing intene POT alt			A68797	382	383	1	0.09	AGAT_FAAA		
			A68799	383	384	1	0.026	AGAT_FAAA		
			A68800	384	385.29	1.29	0.035	AGAT_FAAA		
385.29	**386.46**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68801	385.29	386.47	1.18	0.07	AGAT_FAAA		
Grey; fmg; moderate silicification and weka patchy SER alteration; few qz-cb stringers cut unit shwing SEr alt halos; no sig min										
386.46	**390.38**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	A68802	386.47	387.3	0.83	0.02	AGAT_FAAA		

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 dominantly melt-textured PEGQG showing moderate potassic alteration to cg potassic feldspars; minor 30% FGS intruding vein-material at 388.18-388.5 and again at 388.90-389.40m with latter FGS showing a weak-moderate developed QZE texture			A68803	387.3	388.17	0.87	0.035	AGAT_FAAA		
			A68804	388.17	388.5	0.33	0.048	AGAT_FAAA		
			A68805	388.5	388.9	0.4	0.032	AGAT_FAAA		
			A68807	388.9	389.4	0.5	0.036	AGAT_FAAA		
			A68808	389.4	390.38	0.98	0.019	AGAT_FAAA		
390.38	**391.58**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	A68809	390.38	391.58	1.2	0.048	AGAT_FAAA		
Dark green to lclly reddish-pink; fmg; modeate foliation defined by 8-10% fmg AMP grains lclly elongate along plane of foliation measured at 60dtca; minor FGS QZE at 391.17-391.28m; gradational lower contact with potassic-altered QZE textured FGS										
391.58	**392.76**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68810	391.58	392	0.42	0.045	AGAT_FAAA		
Pink; fcg; moderate-storng pervasive silicification and potassic alteration to whole of interval; moderately developed QZE texture defined by mcg subhedral to subrounded/angular QZ phenocrysts; 5-7% fmg BIO disseminated throughout defines moderate foliation measured at 60dtca			A68811	392	392.76	0.76	0.034	AGAT_FAAA		
392.76	**402.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	A68813	392.76	393.76	1	0.009	AGAT_FAAA		
Beige to grey to pale-pink; fcg; moderate silicification and weak-moderate patchy POT alt and weak pervasive SER alt; unit moderately foliated defined by 7-8% fmg BIO measured at 60dtca; 1 QV2/QVundiff from 395.36 to 395.53m hosting no sig min and 1 PEGQG vein ending DDH from 401.77-401.95m; no sig min; EOH=402m			A68814	393.76	395	1.24	0.054	AGAT_FAAA		
			A68815	395	396	1	0.003	AGAT_FAAA		
			A68816	396	397	1	0.026	AGAT_FAAA		
			A68817	397	398	1	0.021	AGAT_FAAA		
			A68819	398	399	1	0.02	AGAT_FAAA		
			A68820	399	400	1	0.019	AGAT_FAAA		
			A68821	400	401	1	0.009	AGAT_FAAA		
			A68822	401	401.7	0.7	0.093	AGAT_FAAA		
			A68823	401.7	402	0.3	0.014	AGAT_FAAA		EOH=402m

Hole ID : **BL19-01085**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	17.9	Easting :	333137.34	Logged By :	Andrew.Nette
Dip :	-69.4	Northing :	5302583.43	Logged By 2 :	Tyler.Compton
Length :	721.57	Elevation :	435.239	Log Start :	10-Apr-2019
Drill Start :	8-Apr-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	28-Apr-2019
Drill Completed :	20-Apr-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Continuous Gyro survey is incomplete. Surveyed to 710m (EOH = 722m). First survey reading failed. Might require another complete survey. The survey has been imported but might not be reliable. Target area missed and is likely down dip of this hole. Road conditions also factored into shutting the drill down.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**13.30**	**(OB) Overburden, ( )** Large intersection of boulders and rubble from 7-13m. True bedrock starts at 13.30m.								
13.30	**18.53**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with common mgr-cgr quartz eyes. Minor disseminations of fgr biotite; increased amphibole from 14.10-.23m. Strong KSP-HM alteration throughout; common as halos around mm quartz-carbonate veinlets. Minor mm-cm lampropyre dykes. Sharp lower contact.								
18.53	**22.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Lamprophyre dyke with sharp contacts 20-25 dca. patchy carbonate veins and sericite alteration along vein selavges.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
22.65	**25.05**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**								
		FGS with minor lamprohyre lenses containing biotite phenocrysts. FGS has patchy disseminations of fgr-mgr amphibole grains. Moderate to strong KSP-HM alteration throughout interval. Abundant fault fractures and local gouge up to 3cm at 23.60 and 25.0m. Faulted lower contact with lamprophyre at 25.05m.								
25.05	**25.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Minor lamprophyre dyke with faulted upper contact and common fractures throughout. Upper contact unkown.								
25.90	**46.08**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FGS with patchy cgr quartz eyes and intervals with increased mgr-cgr disseminated amphibole from 31.70-37.25. Minor quartz and quartz-feldspar veins and gradational lower contact with por fgs/dio.								
46.08	**57.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FGS/DIO with common mgr quartz-feldspar phenocrysts that have diffuse grain boundaries. Common fgr-cgr disseminated amphibole grains throughout. Sharp lower contact with lamprophyre. Minor fault fracture zones but no significant offset apparent. Minor lamprophyre dykes from 55.80-55.95m 17 dca.								
57.00	**58.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		lamprophyre dyke with strong chl-ser alteration at contacts. Abundant disseminated biotite throughout. Sharp contacts.								
58.50	**68.03**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Porphyrytic FGS/DIO with mgr quartz-feldspar phenocrysts that have diffuse grain boundaries. Minor disseminations of amphibole. Sharp upper contact.								
68.03	**74.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FGS with patchy quartz eyes and occasional disseminations of amphibole grains. Common quartz and quartz-feldspar veins concordant and discordant from foliation. Very strong low angle fault zone at lower contact; 50cm clay gouge and 18 degree alpha.								
74.45	**75.66**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Pegmatite with faulted upper contact.

75.66 81.73 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with patchy cgr quartz eyes; minor peg from 76.23-.43m and common fault fractures.

81.73 82.65 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG with minor FGS qze at lower contact with UMD. Patchy hairline fault fractures at high angle to core axis. Irregular upper contact.

82.65 86.13 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Large lamprophyre with low angle contacts 10-15 degrees; large chlorite-sericite alteration halos at contacts and abundnat fgr-vcgr xenoliths throughout.

86.13 91.42 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with common cgr quartz eyes and minor disseminations of amphibole. Small lamprophyre lense from 86.40-.60m with HM-KSP alteration halos; 10-30 dca.

91.42 91.95 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Minor PEG with sharp contacts.

91.95 93.25 (FGS) Felsic Gneiss Sedimentary, ( )

Minor FGS qze with weak-mod foliation and common cgr quartz eyes.

93.25 93.73 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Amphibilie with mgr-cgr amphible phenocrysts and moderate foliation; sharp contacts. quart-feldspar-amphibole matrix.

93.73 122.80 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with common cgr quartz eyes and patchy bands and disseminations of amphibole. Occasional quartz clots/veins and minor PEG interval from 118.05-.43m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

122.80 153.70 (FGS) Felsic Gneiss Sedimentary, ( )

Prophyritic fgs with mgr quartz-feldspar phenocrysts that have diffuse grains boundaries. Patchy vcgr amphible rich clasts. Minor mm-cm lamprophyre dykes with HM-KSP alteration halos. Minor PEG from 132.30-.70m. Gradational upper contact. Minor lamprophyre dyke from 152.60-.75m.

153.70 155.06 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with patchy carbonate fracture fill and chlorite alteration at contacts. Sharp contacts.

155.06 168.05 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with quartz-feldspar phenocrysts that have diffuse contact boundaries. Common fgr-cgr disseminations of amphibole. Occasional large amphibole rich clasts and cobbles. Irregular and brecciated lower contact.

168.05 168.65 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Minor Lamprophyre dyke with patchy carbonate fracture fill and chlorite alteration at contacts. Sharp contacts.

168.65 217.27 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with patchy quartz-feldspar phenocrysts with diffuse grain boundaries. Patchy disseminated amphibole grains and patchy amphibole rich clasts and cobbles. Occasional low angle quartz veining and one small pegmatite band from 188.95-189.05m. Patchy mm carbonate veinlets with KSP-HM alteration halos.

217.27 218.60 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with sharp contacts abundant fgr-cgr xenoliths throughout. Chlorite alteration halos at contacts.

218.60 236.30 (FGS) Felsic Gneiss Sedimentary, ( )

Porphyritic diorite with patchy quartz-feldspar phenocrysts and patchy disseminated amphibole. Sharp upper contact with UMD. Sharp lower contact with AMP.

236.30 237.47 (AMP) Amphibolite, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Amphibolitw with no obvious foliation or strain. Abundant disseminated amphibole throughout; similar mineral composition to AMPUM. Upper contact appears to have slight open folding. Sharp lower contact with crossing lamprophyre dyke.

237.47 237.85 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre with abundant fgr-vcgr xenoliths throughout. Sharp contacts.

237.85 238.60 (AMP) Amphibolite, ( )

Amphibolitw with no obvious foliation or strain. Abundant disseminated amphibole throughout; similar mineral composition to AMPUM. Sharp lower contacts with crossing lamprophyre dykes.

238.60 239.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre with abundant fgr-cgr xenoliths throughout. Sharp contacts.

239.50 240.30 (AMP) Amphibolite, ( )

Amphibolitw with no obvious foliation or strain. Abundant disseminated amphibole throughout; similar mineral composition to AMPUM. Sharp lower contacts FGS.

240.30 241.10 (FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )

FGS/DIO with KSP alteration and patchy 1-5cm thick lamprophyre dykes at lower contact with larger dyke intersection.

241.10 244.20 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre with patchy FGS bands/xenoliths. Abundant fgr-cgr rounded xenoliths throughout. Chlorite and Rb alteration halos at contacts.

244.20 245.30 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with patchy lamprophyre lenses at upper contact and common chlorite alteration. Minor disseminated amphibole and biotite throughout.

245.30 245.90 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Lamprophyre dyke with lenses of FGS. Sharp low angle contacts.

245.90 312.40 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with weak quartz-feldspar phenocrysts that have diffuse contact boundaries. Patchy fgr-cgr amphibole clasts throughout. Minor quartz and quartz-feldspar veins. Poor recovery and re-drilled core from 303-306m.

312.40 313.25 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Minor pegmatite with sharp contacts.

313.25 314.55 (FGS) Felsic Gneiss Sedimentary, ( )

Minor FGS with porphyritic texture and disseminated amphibole grains. Diffuse upper contact.

314.55 315.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Minor lamprophyre with strong chlorite alteration throughout. Sharp contacts.

315.00 315.65 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with weak porphyritic texture and disseminated amphibole.

315.65 316.03 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Pale to dark green. Aphanitic groundmass with 15% dissem subround fspar porphs. No vis sulfs. No mag.

316.03 317.67 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Mssive FGS. Equigranular to porphyroblastic. 15% dissem biot; subhedral; <1mm. 10% dissem amp; anhedral; <2mm. Trace dissem Py; <1mm; subhedral.

317.67 318.77 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Comingled PEG-FGS. PEGs are amorphous and low angle to core axis; appears extensional though foliation is barely perceptible. Trace Py present as coarse mm scale xls;

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

subhedral; <2mm. Moderate to strong K alt in PEGs; possible minor sausseritization of plag.

318.77 351.85 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Mssive FGS. Equigranular to porphyroblastic. 15% dissem biot; subhedral; <1mm. 10% dissem amp; anhedral; <2mm. Trace dissem Py; <1mm; subhedral; slightly elevated and more coarse in veins. ~1% qz veining; cm scale <2cm; weakly deformed; opq white qz with minor coarse cpx/amp clots; trace comingled Py and magnetite. Trace to non-existent foliation. Occasional cm scale amorphous PEG segments; <20cm; low angle; apparently extensional; comprising minor Py. Occasional cm to dm scale AMP beds/clasts; rounded; possible pillow frags?

351.85 357.55 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Upper contact is dendritic; interdigitates with FGS host; difficult to measure; very low angle to core axis. Varying mag throughout; absent to strong; magnetite appears altered to hematite in non-mag segments (proximal to contacts). Occasional xenoliths; cm scale <5cm; varying composition (AMP; FGS); trace Py assoc with AMP xenos. Fine dissem plag porphs throughout; ~15%.

357.55 376.20 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS mostly as previous. K alt becoming more pervasive though still very weak.

376.20 376.60 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Dissem plag porphs; subround. No mag. No vis sulfs. Pale green altered margins.

376.60 382.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS. Prevalence of AMP beds has increased; dm scale; <30cm. No orientation. Sulfs as previous. K alt has become more pervasive though still weak. Occasional 1cm barren qz veins; weakly deformed/undulose; <1% density; extensional (high angle to foliation).

382.30 382.73 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lost orientation. Aphanitic dark brown-green matrix with 20% mm scale phenos. Phenos are dark; subround; <5mm. Laminated altered margins; pale green. No vis sulfs. Magnetic.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

382.73 389.77 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Phaneritic; equigranular. Foliation is trace to absent. Millimeter scale grains; <5mm. Trace dissem Py; slightly elevated in veins where it is accompanied by very fine dissem Asp. Weak pervasive pink K alt throughout. Significant AMP "clasts"; cm to dm scale; globular (cannot measure orientation); possible pillow frags? 1% veining; extensional; cm scale; various orientations; typically hosting weak Py-Asp and minor Cpx porphs. 15% biot; dissem; <5mm; subhedral. 10% amp; mm scale; anhedral; rare cm scale clots assoc with veins.

389.77 390.10 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown aphanitic groundmass with 30% fine carbonate porphs; anhedral; <1mm. Laminated altered margins. No vis sulfs.

390.10 391.64 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical. FGS as prev.

391.64 394.25 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown aphanitic groundmass with varying porph content. Very coarse mm scale carb porphs in dm scale segments near contacts; porphs become very fine away from margins. No vis sulfs. Laminated pale green altered margins. Abundant visible biot; ~50%; <1mm xls.

394.25 394.83 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical. FGS as prev.

394.83 395.34 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Massive. Dark brown aphanitic groundmass. Upper contact is brecciated; healed with carbonate. No vis sulfs.

395.34 404.90 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS as prev. Weakly brecciated throughout; healed with chlorite and carbonate. Occasional amorphous extensional veins; cm scale; minor Py; coarse amp/px and Kspar clots at margins; cm scale <2cm.

404.90 407.75 (UMD) UM\LAMP 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 porphyroblastic texture. 40% porphs comprising mm scale subround carb porphs; <5mm; and less abundant mm scale dark subround porphs. Occasional low angle planar carb-epidote veinlets; <1cm; laminated. No vis sulfs. Pale altered margins.

407.75 426.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS as prev. Slight increase in foliation development proximal to UMD; no orientation; ~45 deg relative to core axis. Occasional veins; subparallel to foliation; no signif sulfs; late veinlets exhibit strong K alt halos. Occasional extenssional veins; opq white qz with minor Kspar; minor amp/cpx clots; minor Py. Minor globular AMP "clasts"; cm scale <5cm. Moderately silicified throughout.

426.00 429.25 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Strongly altered FGS; equigranular to fine porphyroblastic (mm scale amp and biot porphs; <3mm). Strong pink-yellow K alt; patchy to pervasive. Typical sulfides; fine dissem Py; minor mm scale clots/xls in veins. 5% veins/PEGs; trace Py; coarse qz-fspar with minor cpx; strong pink K alt.

429.25 454.40 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS. Equigranular; homogeneous. Trace dissem Py. Minor veining; <1%; mostly late/undeformed; chaotic orientations. Weak K alt; present in vein halos. Rare cm scale PEG; < 5cm; discordant; trace Py. Combined 20% biot-amp; dissem porphs <3mm.

454.40 461.43 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Distinguished from prev by attenuation of biot and amp content. Locally coarse amp porphs; 5-10% abundance within dm scale segments. Biot becomes very fine; dissem; <2mm euhedral xls. Weakly foliated. Moderate to strong pervasive K alt; intensifies with proximity to faults and UMD contact. Trace sulfs; dissem Py; very fine; subhedral. Several cm to dm scale faulted segments with polished slickensurfaces. Minor red clay gouge segment; <5cm.

461.43 465.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. 10% mm to cm scale carb porphs (vesicles?); amoeboid; <2cm. Laminated margins with intercalated carb stringers; pale green alteration. No vis sulfs. Minor altered FGS segment; 65cm long but does not bisect core; very low angle contact.

465.30 479.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Strongly altered FGS. Pink K comingled with pale yellow Ser alt throughout; present as diffuse dm scale patches; also as strong narrow halos surrounding fine veinlets and microfracs; becomes intense and comingled with re hem alt proximal to brecciated UMD contact. Biot is coarse and clotty at top of interval; becomes fine dissem downhole; notably attenuated relative to prev FGS interval. Trace amp. Occasional dm scale faulted segments assoc with intense alt (pink/red). Moderately silicified. Trace fine dissem Py throughout; <1mm; subhedral.								
479.00	**479.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Upper contact is brecciated; healed. Minor carb and plag porphs; <1mm; dissem. Host minor fault/brx; cm scale <10cm; minor mm scale preserved gouge. No vis sulfs.								
479.95	**507.00**	**(FGG) Felsic Gneiss Granitic, ( )**	C64041	480	481	1	0.065	AGAT_FAICP		
		FGG with ~1% qz-fspar veining and minor dm scale K/ser altered segments. Moderately to strongly silicified throughout. Differentiated from prev by presence of musc; very fine dissem at top of interval; becomes very coarse downhole (mm to cm scale clots comprising euhedral xls); overall abundance ~5%. Biot is slightly more abundant; varying texture; mostly fine dissem; occ coarse (<2mm) in dm scale segments; alignment imparts foliation. No vis amp. Typical veins are cm scale <5cm; weakly deformed to strongly boudinaged; comprising qz-fspar with minor musc and sulfs; varying K and epidote alt. Minor sulfs overall; fine dissem Py>Po in litho; occasional coarse comingled Py>Po clots in or proximal to veins; subhedral; mm scale <1cm. Weak to moderate foliation throughout.	C64042	481	482	1	0.046	AGAT_FAICP		
			C64043	482	483	1	0.045	AGAT_FAICP		
			C64044	483	484	1	0.044	AGAT_FAICP		
			C64045	484	485	1	0.071	AGAT_FAICP		
			C64047	485	486	1	0.024	AGAT_FAICP		
			C64048	486	487	1	0.014	AGAT_FAICP		
			C64049	487	488	1	0.011	AGAT_FAICP		
			C64050	488	489	1	0.021	AGAT_FAICP		
			C64501	489	490	1	0.021	AGAT_FAICP		
			C64502	490	491	1	0.022	AGAT_FAICP		
			C64503	491	492	1	0.081	AGAT_FAICP		
			C64504	492	493	1	0.051	AGAT_FAICP		
			C64505	493	494	1	0.044	AGAT_FAICP		
			C64507	494	495	1	0.042	AGAT_FAICP		
			C64508	495	496	1	0.057	AGAT_FAICP		
			C64509	496	497	1	0.128	AGAT_FAICP		
			C64510	497	498	1	0.061	AGAT_FAICP		
			C64511	498	499	1	1.27	AGAT_FAICP		
			C64513	499	499.85	0.85	0.105	AGAT_FAICP		
			C64514	499.85	500.7	0.85	0.062	AGAT_FAICP		
			C64515	500.7	502	1.3	0.087	AGAT_FAICP		
			C64516	502	503	1	0.118	AGAT_FAICP		
			C64517	503	504	1	0.037	AGAT_FAICP		
			C64519	504	505	1	0.061	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64520	505	505.55	0.55	0.081	AGAT_FAICP		
			C64521	505.55	506	0.45	0.046	AGAT_FAICP		
			C64522	506	507	1	0.046	AGAT_FAICP		
507.00	**510.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Gradational contact with FGG uphole. Musc attenuates downhole; fine grained; dissem; trace. Fine dissem biot; <1mm; 7%. Moderately foliated. Moderately silicified. Patchy K-Ser alt; locally strong assoc with veins and microfracs. Rare boudinaged qz-fspar veins with rare Mo and Gl; clotty; mm scale. 2% overall vein density.	C64523	507	508	1	0.056	AGAT_FAICP		
			C64524	508	509	1	0.024	AGAT_FAICP		
			C64525	509	509.5	0.5	0.05	AGAT_FAICP		
			C64527	509.5	510	0.5	0.16	AGAT_FAICP		
			C64528	510	510.8	0.8	0.058	AGAT_FAICP		
510.80	**511.20**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive discordant white qz vein with minor coarse Kspar. Occ cm scale diffuse green masses; possible amalgam of ep-amp-cpx. Clotty; nebulous pink Kspar; cm scale. Trace Py; coarse; mm scale; subhedral; <5mm. Occ clotty coarse biot.	C64529	510.8	511.3	0.5	0.081	AGAT_FAICP		
511.20	**514.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** FGS as previous. Trace vein density.	C64530	511.3	512	0.7	0.056	AGAT_FAICP		
			C64531	512	513	1	0.047	AGAT_FAICP		
			C64533	513	514	1	0.034	AGAT_FAICP		
			C64534	514	514.5	0.5	0.032	AGAT_FAICP		
514.55	**514.85**	**(QFP) Quartz Feldspar Porphyry, ( )** Grey white qz groundmass wiht 40% fspar; mostly Kspar; subhedral. Strong ser-chl alt at lower contact; dm scale segment of altered host at lower contact. Occ clotty hackly biot; cm scale; <2cm; with sericitic rims. No vis sulfs.	C64535	514.5	515	0.5	0.017	AGAT_FAICP		
514.85	**516.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** FGS as previous.	C64536	515	516	1	0.017	AGAT_FAICP		
			C64537	516	516.3	0.3	0.014	AGAT_FAICP		
516.30	**518.35**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Strongly foliated with mm scale amp porphs; stretched; mm scale <5mm. Becomes strongly altered toward lower contact; intense K-Ser pervasive alt. No vis sulfs. Trace foliation concordant qz veinlets; <1cm; planar; minor Hem-Kspar clotty alt.	C64539	516.3	517	0.7	0.004	AGAT_FAICP		
			C64540	517	518	1	0.006	AGAT_FAICP		
			C64541	518	518.35	0.35	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
518.35	**532.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Strong localized alteration; occasional dm scale segments of intense Kalt-Ser alt; also present as narrow halos surrounding veins and microfracs. Weak to moderate K-Epi alt in veins. 2% vein density; cm scale white-pink qz-fspar veins; mm scale qz-cb veinlets (late; discordant). Moderately foliated; locally strong. Very fine dissem Po-Py in litho; trace.	C64542	518.35	519	0.65	0.027	AGAT_FAICP		
			C64543	519	520	1	0.036	AGAT_FAICP		
			C64544	520	521	1	0.109	AGAT_FAICP		
			C64545	521	521.5	0.5	0.037	AGAT_FAICP		
			C64547	521.5	522	0.5	0.037	AGAT_FAICP		
			C64548	522	523	1	0.012	AGAT_FAICP		
			C64549	523	524	1	0.018	AGAT_FAICP		
			C64550	524	525	1	0.011	AGAT_FAICP		
			C64551	525	526	1	0.025	AGAT_FAICP		
			C64553	526	527	1	0.017	AGAT_FAICP		
			C64554	527	528	1	0.009	AGAT_FAICP		
			C64555	528	529	1	0.011	AGAT_FAICP		
			C64556	529	529.93	0.93	0.013	AGAT_FAICP		
			C64557	529.93	530.3	0.37	0.027	AGAT_FAICP		
			C64559	530.3	531	0.7	0.036	AGAT_FAICP		
			C64560	531	532	1	0.049	AGAT_FAICP		
532.00	**539.00**	**(FGG) Felsic Gneiss Granitic, ( )** Intensely altered FGG: dm to m scale segments of dark pink K alt and clotty to whispy Ser alt. Moderately to strongly silicified throughout. Alignment of coarse micas imparts strong spaced foliation. Plag porphs are stretched and partially altered to mica. No visible sulfs. Occ cm scale veins; obscured by intense K alt.	C64561	532	533	1	0.034	AGAT_FAICP		
			C64562	533	534	1	0.045	AGAT_FAICP		
			C64563	534	535	1	0.021	AGAT_FAICP		
			C64564	535	536	1	0.024	AGAT_FAICP		
			C64565	536	536.3	0.3	0.052	AGAT_FAICP		
			C64567	536.3	537.2	0.9	0.128	AGAT_FAICP		
			C64568	537.2	538	0.8	0.038	AGAT_FAICP		
			C64569	538	539	1	0.051	AGAT_FAICP		
539.00	**540.00**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Comingled qz veins and PEG; boundaries obscured by intense alteration. Intense comingled dark red-pink Hem-K alt; present in dm scale patches. Very coarse musc and biot occasionally organized into undulose bands; cm scale. Minor coarse frac controlled Py; hackly. Weak diffuse epidote alt; patchy; nebulous.	C64570	539	540	1	0.041	AGAT_FAICP		
540.00	**541.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU)**	C64571	540	541.23	1.23	0.073	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Muscovite-rich FGS								
		Dark; homogeneous. Weakly foliated. Very fine dissem biot; 20%. Trace dissem musc; very fine. Very fine trace dissem Py; anhedral; <0.5mm.								
541.23	**545.15**	**(FGG) Felsic Gneiss Granitic, ( )**	C64573	541.23	542	0.77	0.052	AGAT_FAICP		
		FGG as previous. Intensely altered FGG: dm to m scale segments of dark pink K alt and clotty to whispy Ser alt. Moderately to strongly silicified throughout. Alignment of coarse micas imparts strong spaced foliation. Plag porphs are stretched and partially altered to mica. No visible sulfs. Occ cm scale veins; obscured by intense K alt. Alteration attenuates downhole; nearly absent at lower contact.	C64574	542	543	1	0.057	AGAT_FAICP		
			C64575	543	544	1	0.055	AGAT_FAICP		
			C64576	544	545.15	1.15	0.074	AGAT_FAICP		
545.15	**550.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64577	545.15	546	0.85	0.052	AGAT_FAICP		
		Dioritic texture. 30% mm scale subround fspar porphs; dissem; <1cm. Homogeneous. No apparent strain; trace to absent foliation. Trace very fine dissem Py; <0.5mm anhedral. Occasional dm scale patches of strong K-Ser alt; also present as narrow halos surrounding occasional late veinlets.	C64579	546	547	1	0.058	AGAT_FAICP		
			C64580	547	548	1	0.006	AGAT_FAICP		
			C64581	548	549	1	0.011	AGAT_FAICP		
			C64582	549	550	1	0.005	AGAT_FAICP		
			C64583	550	550.55	0.55	0.01	AGAT_FAICP		
550.55	**551.30**	**(FGG) Felsic Gneiss Granitic, ( )**	C64584	550.55	551.3	0.75	0.026	AGAT_FAICP		
		FGG as previous. Fine grained; trace foliation. Clotty coarse musc; 10%; euhedral. Appears bleached. No vis sulfs.								
551.30	**551.65**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	C64585	551.3	551.82	0.52	0.081	AGAT_FAICP		
		Mottled grey-white qz. K altered plag network; 20%; anhedral. Minor coarse clotty musc. Minor fine Po-Py; concentrated at xls boundaries; anhedral; network; 0.5%. Strong K alt proximal to lower K alt.								
551.65	**551.82**	**(FGG) Felsic Gneiss Granitic, ( )**								
		FGG as previous.								
551.82	**552.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64587	551.82	552.3	0.48	0.008	AGAT_FAICP		
		FGS as prev. 20% plag porphs; subround; mm scale <5mm; dissem.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
552.30	**556.07**	**(FGG) Felsic Gneiss Granitic, ( )** Intensely altered FGG. Patchy K alt comingeld with lesser Ser. 20% coarse musc porphs throughout; alignment imparts foliation; strong. Possible 5% qv density; obscured by alt; mm to cm scale; typically concordant. No vis sulfs.	C64588	552.3	553	0.7	0.023	AGAT_FAICP		
			C64589	553	554	1	0.021	AGAT_FAICP		
			C64590	554	555	1	0.031	AGAT_FAICP		
			C64591	555	556.07	1.07	0.086	AGAT_FAICP		
556.07	**560.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Porphyritic FGS with 20% fine plag porphs (subround; <5mm). elevated biot relative to prev FGS; 35%; dissem; alignment imparts foliation. Trace dissem Py; very fine. Significant K-Ser alt; forms dm scale bands and narrow halows surrounding fine veinlets and microfracs. No significant veining. Moderately silicified throughout.	C64593	556.07	557	0.93	0.048	AGAT_FAICP		
			C64594	557	558	1	0.089	AGAT_FAICP		
			C64595	558	559	1	0.023	AGAT_FAICP		
			C64596	559	560.12	1.12	0.031	AGAT_FAICP		
560.12	**562.33**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** ~50% qz. 10% primary Kspar. Strong K alt throughout. Minor dissem biot; occ very coarse; mm to cm scale; subhedral. Localized intense sulfides: Py with lesser Po; forms interstitial "mycelium"; also mm scale clots <5mm; locally 20% over 10cm?.	C64597	560.12	561	0.88	0.08	AGAT_FAICP		
			C64599	561	561.8	0.8	0.102	AGAT_FAICP		
			C64600	561.8	562.33	0.53	0.064	AGAT_FAICP		
562.33	**563.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as previous	C64601	562.33	563.18	0.85	0.037	AGAT_FAICP		
563.18	**564.30**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Discordant qz vein with minor fspar clots. Fspar in cm scale clots comingled with ser. Rare cm scale host selvages. Trace diffuse epidote alt; patchy. Trace Hem alt selctively altering biot? Trace coarse clotty Py; cm scale subhedral clots. Assym contacts.	C64602	563.18	564	0.82	0.004	AGAT_FAICP		
			C64603	564	564.3	0.3	0.002	AGAT_FAICP		
564.30	**570.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Biot-rich FGS with minor plag porphs. Porphs are dissem; subround; <5mm; localized near top of section; ~10% attenuating to 0 downhole. 20% coarse dissem biot; mm scale euhedral xls; <2mm; alignment imparts foliation. Significant patchy alteration; comingled K-Ser; dm scale segments intensely altered; also highlights foliation (likely selectively altered biot). Trace very fine dissem Py. Strongly foliated overall.	C64604	564.3	565	0.7	0.06	AGAT_FAICP		
			C64605	565	566	1	0.099	AGAT_FAICP		
			C64607	566	567	1	0.138	AGAT_FAICP		
			C64608	567	568	1	0.166	AGAT_FAICP		
			C64609	568	569	1	0.054	AGAT_FAICP		
			C64610	569	570	1	0.047	AGAT_FAICP		
			C64611	570	570.3	0.3	0.106	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
570.25	**570.85**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained dark grey moderately to strongly foliated GBFG. Fine and medium garnets are unevenly distributed as small bands within the banded GBFG unit. Increased Po and Py observed within this unit. Biotite is parallel to and defines foliation. Sharp upper contact and gradational banded lower contacts. Trace to minor sericite alteration observed along the lower gradational contacts.	C64613	570.3	570.85	0.55	0.192	AGAT_FAICP		
570.85	**571.38**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and grey PEG vein with a gradational upper contacts. Lower contact is sharp. Minor sericite alteration is observed along the gradational upper contact. Biotite and Amp observed within Vein. Trace to minor Po and Py.	C64614	570.85	571.38	0.53	0.232	AGAT_FAICP		
571.38	**572.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Trace sulfides. sharp upper and lower contacts. Biotite along foliation. No garnets. Non magnetic. Light compositional banding.	C64615	571.38	572	0.62	0.23	AGAT_FAICP		
572.00	**573.15**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained green LAMP with xeinoliths and small qtz. Non magnetic. No sulfides.	C64616	572	573.15	1.15	0.017	AGAT_FAICP		
573.15	**575.35**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to medium grained moderately foliated dark grey QFP with coarse to very coarse plag porphs. No sulfides. Sharp upper and lower contacts.	C64617 C64619	573.15 574	574 575.35	0.85 1.35	0.041 0.016	AGAT_FAICP AGAT_FAICP		
575.35	**576.75**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** LAMP dyke with sharp upper and lower contacts. Large rounded to subrounded xeinoliths throughout the dyke. Dark grey green fine grained matrix. Several fractures and clasts are brittle and crumbling locally. No sulfides. Non magnetic.	C64620 C64621	575.35 576	576 576.75	0.65 0.75	0.003 0.003	AGAT_FAICP AGAT_FAICP		
576.75	**577.10**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and grey coarse to very coarse PEG vein. Sharp upper and lower contacts. Pink feldspars within vein. Minor biotite. No sulfides.	C64622	576.75	577.1	0.35	0.024	AGAT_FAICP		
577.10	**578.13**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64623	577.1	577.6	0.5	0.075	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 foliated biotite rich grey FGS. Minor increase in biotite along upper and lower contacts. Trace py.	C64624	577.6	578.13	0.53	0.022	AGAT_FAICP		
578.13	**578.77**	**(QV) Quartz Vein, ( )** Coarse grained pink and grey massive Qtz vein with minor pink feldspars. No sulfdies.	C64625	578.13	578.77	0.64	0.012	AGAT_FAICP		
578.77	**579.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich grey FGS. Minor increase in biotite along upper and lower contacts. Trace py.	C64627	578.77	579.3	0.53	0.231	AGAT_FAICP		
579.30	**579.82**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )** GBFG unit with several variable PEG veins parallel to foliation. Sharp upper and lower contacts. Minor diss Py and locally large Py crystals observed. No Po observed.	C64628	579.3	579.82	0.52	1.51	AGAT_FAICP		
579.82	**580.40**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite** Fine to coarse grained AMP/MAM unit with strong quartz flooding/veining. Qtz is grey in colour and is locally flooded and locally small grey veins. Trace Py.	C64629	579.82	580.4	0.58	1.23	AGAT_FAICP		
580.40	**585.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Large low angle LAMP dyke. Dyke contains rounded subrounded large xeinoliths within a fine dark grey matrix. Nonmagnetic. Lower contact is a massive dark grey LAMP unit without the large xeinoliths. No sulfides.	C64630	580.4	581	0.6	0.013	AGAT_FAICP		
			C64631	581	582	1	0.05	AGAT_FAICP		
			C64633	582	583	1	0.01	AGAT_FAICP		
			C64634	583	584	1	0.002	AGAT_FAICP		
			C64635	584	585	1	0.044	AGAT_FAICP		
			C64636	585	585.5	0.5	0.009	AGAT_FAICP		
585.50	**616.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately to weakly foliated grey FGS unit. Porphyritic texture increases and decreases in intensity gradually throughout the unit. Plag porphs. Minor to trace diss Py pervasively. Numerous small veinlets observed with weak alteration halos. Medium grained biotite defines foliation. Several small veins observed within the package.	C64637	585.5	586	0.5	0.01	AGAT_FAICP		
			C64639	586	587	1	0.015	AGAT_FAICP		
			C64640	587	588	1	0.031	AGAT_FAICP		
			C64641	588	589	1	0.044	AGAT_FAICP		
			C64642	589	590	1	0.042	AGAT_FAICP		
			C64643	590	591	1	0.017	AGAT_FAICP		
			C64644	591	592	1	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64645	592	593	1	0.024	AGAT_FAICP		
			C64647	593	594	1	0.022	AGAT_FAICP		
			C64648	594	595	1	0.018	AGAT_FAICP		
			C64649	595	596	1	0.011	AGAT_FAICP		
			C64650	596	597	1	0.029	AGAT_FAICP		
			C64651	597	598	1	0.087	AGAT_FAICP		
			C64653	598	599	1	0.088	AGAT_FAICP		
			C64654	599	600	1	0.062	AGAT_FAICP		
			C64655	600	601	1	0.04	AGAT_FAICP		
			C64656	601	602	1	0.213	AGAT_FAICP		
			C64657	602	603	1	0.184	AGAT_FAICP		
			C64659	603	604	1	0.149	AGAT_FAICP		
			C64660	604	605	1	0.095	AGAT_FAICP		
			C64661	605	606	1	0.083	AGAT_FAICP		
			C64662	606	607	1	0.097	AGAT_FAICP		
			C64663	607	608	1	0.068	AGAT_FAICP		
			C64664	608	609	1	0.075	AGAT_FAICP		
			C64665	609	610	1	0.073	AGAT_FAICP		
			C64667	610	611	1	0.107	AGAT_FAICP		
			C64668	611	612	1	0.113	AGAT_FAICP		
			C64669	612	613	1	0.095	AGAT_FAICP		
			C64670	613	614	1	0.074	AGAT_FAICP		
			C64671	614	615	1	0.063	AGAT_FAICP		
			C64673	615	616	1	0.086	AGAT_FAICP		
616.00	**616.28**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C64674	616	616.3	0.3	0.017	AGAT_FAICP		
Massive pink and white PEG vein with a small carb vein within. Sub parallel to foliation. No sulfides.										
616.28	**622.91**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64675	616.3	616.9	0.6	0.072	AGAT_FAICP		
Medium grained moderately foliated grey FGS with weak to moderate porphyritic texture throughout. Plag porphs. Trace diss Py. Several qtz-feldspar/PEG veins parallel/subparallel to foliation within the unit.			C64676	616.9	617.2	0.3	0.072	AGAT_FAICP		
			C64677	617.2	618	0.8	0.102	AGAT_FAICP		
			C64679	618	619	1	0.096	AGAT_FAICP		
			C64680	619	620	1	0.066	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64681	620	620.6	0.6	0.057	AGAT_FAICP		
			C64682	620.6	621	0.4	0.055	AGAT_FAICP		
			C64683	621	621.4	0.4	0.141	AGAT_FAICP		
			C64684	621.4	622	0.6	0.13	AGAT_FAICP		
			C64685	622	622.91	0.91	0.115	AGAT_FAICP		
622.91	**623.33**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C64687	622.91	623.33	0.42	0.083	AGAT_FAICP		
Massive pink PEG vein with minor bio and medium to coarse diss Py within. Discordant to foliation.										
623.33	**626.25**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64688	623.33	624	0.67	0.03	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS with weak porphyritic texture observed locally. Several small Qtz-feldspar/PEG veins observed within the unit. One small folded QF vein. Minor to trace Py observed pervasively. Lower contact is gradational but short.			C64689	624	625	1	0.036	AGAT_FAICP		
			C64690	625	625.7	0.7	0.026	AGAT_FAICP		
			C64691	625.7	626.25	0.55	0.593	AGAT_FAICP		
626.25	**627.88**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64693	626.25	627	0.75	0.366	AGAT_FAICP		
Medium grained moderately foliated light grey FGS with weak compositional banding. Medium grained biotite defines foliation. Few small QF veins observed parallel to foliation within the unit. Short gradational upper and lower contacts. Trace to minor Py pervasively. Locally medium grained diss Py can be found.			C64694	627	627.88	0.88	0.387	AGAT_FAICP		
627.88	**629.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64695	627.88	628.7	0.82	0.059	AGAT_FAICP		
Fine grained weakly to moderately foliated grey biotite rich FGS. Trace diss py. Several small veinlets with weak alteration halos. Short gradational upper and lower contacts.			C64696	628.7	629.38	0.68	0.125	AGAT_FAICP		
629.38	**636.36**	**(FGG) Felsic Gneiss Granitic, (FGSMU) Muscovite-rich FGS**	C64697	629.38	630	0.62	0.998	AGAT_FAICP		
Medium grained moderately foliated light grey muscovite rich FGG. Short gradational upper and lower contacts. Trace to minor fine diss Py pervasively. One weakly altered section.			C64699	630	631	1	0.313	AGAT_FAICP		
			C64700	631	632	1	0.556	AGAT_FAICP		
			C64701	632	633	1	0.117	AGAT_FAICP		
			C64702	633	634	1	0.127	AGAT_FAICP		
			C64703	634	635	1	0.112	AGAT_FAICP		
			C64704	635	636	1	0.479	AGAT_FAICP		
			C64705	636	636.36	0.36	0.253	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
636.36	**640.34**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained weakly foliated grey FGS with local areas with increased biotite patches/bands. Po and Py observed pervsaively with slight increases in areas with increased biotite. Short gradual upper and lower contacts parallel to foliation.	C64707	636.36	637	0.64	0.236	AGAT_FAICP		
			C64708	637	638	1	0.437	AGAT_FAICP		
			C64709	638	639	1	0.653	AGAT_FAICP		
			C64710	639	640	1	2.41	AGAT_FAICP		
			C64711	640	640.34	0.34	1.16	AGAT_FAICP		
640.34	**641.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Medium grained moderately foliated muscovite rich light grey FGS. Short gradatual upper and lower contacts. Weak augen texture observed pervasively. Trace diss fine Py.	C64713	640.34	641.35	1.01	0.938	AGAT_FAICP		
641.35	**645.09**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated weakly compositionally banded grey FGS. Biotite increases locally resulting in weak compositional banding. Biotite within the matrix defines foliations. Short gradational upper and lower contacts. Trace to minor fine diss Py. Several carb veins parallel to foliation are observed with strong alteration halos.	C64714	641.35	642	0.65	0.212	AGAT_FAICP		
			C64715	642	643	1	0.355	AGAT_FAICP		
			C64716	643	644	1	1.31	AGAT_FAICP		
			C64717	644	645.09	1.09	0.441	AGAT_FAICP		
645.09	**646.14**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately to strongly foliated green and grey intermediate AMP. Compositional banding is observed as Amp and Bio content varies. Gradual upper contact and sharp lower contact. Minor fine diss Py pervasively with slight increase in bands of increased Amp and Bio.	C64719	645.09	646.14	1.05	1.22	AGAT_FAICP		
646.14	**647.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Medium grained moderately foliated light grey muscovite rich FGS with weak qtz eye texture locally. Minor fine diss Py and trace fine diss Po observed pervasively. Biotite defines foliation in a mainly qtz felds matrix.	C64720	646.14	647	0.86	0.895	AGAT_FAICP		
			C64721	647	647.6	0.6	0.438	AGAT_FAICP		
647.60	**649.02**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately to strongly foliated green and grey intermediate AMP. Compositional banding is observed as Amp and Bio content varies. Sharp upper contact and gradual lower contact. Minor fine diss Py pervasively with slight increase in bands of increased Amp and Bio. Minor folding observed as Amp rich bands are folded. F1 folds see	C64722	647.6	648.3	0.7	3.07	AGAT_FAICP		
			C64723	648.3	649.02	0.72	0.53	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
photos.										
649.02	**649.93**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated grey FGS with local patches and bands with increased and streched biotite crystals. Gradual upper contact and sharp lower contact. Minor Py and trace Po.	C64724	649.02	649.93	0.91	0.304	AGAT_FAICP		
649.93	**650.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately to strongly foliated green and grey intermediate AMP. Compositional banding is observed as Amp and Bio content varies. Sharp upper contact and gradual lower contact. Minor fine diss Py pervasively with slight increase in bands of increased Amp and Bio. Minor folding of Amp bands observed locally.	C64725	649.93	650.5	0.57	1.23	AGAT_FAICP		
650.50	**659.58**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Grain size and biotite content vary slightly through the unit gradually. One QV observed at 655.4m and 657.6m. Several small veinlets with small weak alteration halos observed. Gradual upper contact and sharp lower contact with a LAMP. Trace diss sulfdies throughout.	C64727	650.5	651	0.5	0.18	AGAT_FAICP		
			C64728	651	652	1	0.076	AGAT_FAICP		
			C64729	652	653	1	0.215	AGAT_FAICP		
			C64730	653	654	1	0.079	AGAT_FAICP		
			C64731	654	655	1	0.311	AGAT_FAICP		
			C64733	655	655.5	0.5	0.046	AGAT_FAICP		
			C64734	655.5	656	0.5	0.656	AGAT_FAICP		
			C64735	656	657	1	0.145	AGAT_FAICP		
			C64736	657	658	1	0.262	AGAT_FAICP		
			C64737	658	659	1	0.392	AGAT_FAICP		
			C64739	659	659.58	0.58	0.225	AGAT_FAICP		
659.58	**659.85**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Green fine grained massive LAMP dyke with several small carb veins within the dyke. Sharp upper and lower contacts. No sulfides.	C64740	659.58	659.88	0.3	0.025	AGAT_FAICP		
659.85	**661.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained massive section of FGS. Trace sulfides. Many very small white veinlets with very weak alteration halos. Sharp upper and lower contacts.	C64741	659.88	661	1.12	0.305	AGAT_FAICP		
			C64742	661	661.5	0.5	0.244	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
661.50	**662.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained green LAMP with xeinoliths locally and several small carb veins within. Sharp upper and lower contacts. No sulfides. Non magnetic.	C64743	661.5	662.5	1	0.072	AGAT_FAICP		
662.50	**663.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained weakly foliated grey FGS. Trace fine diss Po/Py pervasively. Low angle foliation. Sharp upper contact and gradual irregular lower contact with PEG unit.	C64744	662.5	663.5	1	0.31	AGAT_FAICP		
663.50	**664.10**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse to very coarse white and grey PEG vein with ireegular semi-gradual contacts. Minor passive folding along and within contacts. Trace foliation observed within biotite within vein. Minor to trace sulfides locally. Qtz and plag make up the majority of the vein material. Melt?	C64745	663.5	664.1	0.6	0.573	AGAT_FAICP		
664.10	**679.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Biotite pervasively defines the weak to moderate foliation. Foliation varies where passive folding around veins and open F2 folds are observed. Small asymmetrical tightly veins are observed locally. Trace fine diss Po and Py pervasive. Locally coarse Po is observed. Sulfides often around or within QVs. Several small to medium QVs within the section.	C64747	664.1	665	0.9	0.515	AGAT_FAICP		
			C64748	665	666	1	0.168	AGAT_FAICP		
			C64749	666	667	1	0.4	AGAT_FAICP		
			C64750	667	668	1	0.186	AGAT_FAICP		
			C64751	668	669	1	0.236	AGAT_FAICP		
			C64753	669	670	1	0.266	AGAT_FAICP		
			C64754	670	671	1	1.07	AGAT_FAICP		
			C64755	671	672	1	0.506	AGAT_FAICP		
			C64756	672	673	1	1.97	AGAT_FAICP		
			C64757	673	674	1	0.207	AGAT_FAICP		
			C64759	674	675	1	0.095	AGAT_FAICP		
			C64760	675	676	1	0.149	AGAT_FAICP		
			C64761	676	677	1	0.483	AGAT_FAICP		
			C64762	677	678	1	0.23	AGAT_FAICP		
			C64763	678	679	1	0.324	AGAT_FAICP		
			C64764	679	680	1	0.156	AGAT_FAICP		
679.55	**679.92**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark grey low angle magnetic fine to medium grained LAMP with minor amounts of xeinoliths. No sulfides.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
679.92	**680.58**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**	C64765	680	681	1	0.181	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS between two small low angle LAMP dykes. Several small veins of LAMP are within this unit and likely connect or is part of the large two LAMPs.										
680.58	**680.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Dark grey low angle magnetic fine to medium grained LAMP with minor amounts of xeinoliths. No sulfides.										
680.70	**692.25**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64767	681	682	1	0.054	AGAT_FAICP		
Fine to medium grained moderately to weakly foliated grey FGS. One folded and boundinaged QV observed at 684.8m. Another regular QV at 680.7m. Trace to minor fine diss Py and less Po pervasively. Locally several very small white veinlets with weak alteration halos observed. Weak plag porphs locally.			C64768	682	683	1	0.042	AGAT_FAICP		
			C64769	683	684	1	0.059	AGAT_FAICP		
			C64770	684	685	1	0.083	AGAT_FAICP		
			C64771	685	686	1	0.058	AGAT_FAICP		
			C64773	686	687	1	0.126	AGAT_FAICP		
			C64774	687	688	1	0.143	AGAT_FAICP		
			C64775	688	689	1	0.148	AGAT_FAICP		
			C64776	689	690	1	0.146	AGAT_FAICP		
			C64777	690	690.65	0.65	0.109	AGAT_FAICP		
			C64779	690.65	691.2	0.55	0.289	AGAT_FAICP		
			C64780	691.2	692.25	1.05	0.122	AGAT_FAICP		
692.25	**693.10**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C64781	692.25	693.1	0.85	0.193	AGAT_FAICP		
Folded and boundinaged white coarse PEG vein. Low angle sharp upper contact and high angle sharp lower contact. F1 fold axis 086-15. Minor to trace sulfides.										
693.10	**693.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64782	693.1	694	0.9	0.124	AGAT_FAICP		
Fine to medium grained weakly to moderately foliated grey FGS. Biotite pervasively defines the weak to moderate foliation. Trace fine diss Po and Py pervasive. Gradual lower contact. Sharp upper contact.										
693.90	**696.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C64783	694	694.5	0.5	0.109	AGAT_FAICP		
Fine to coarse grained weakly to moderately foliated porphyritic grey FGS. Biotite pervasively defines the weak to moderate foliation. Trace fine diss Po and Py pervasive. One small QV with semi massive Po and Py observed at 694.64m.			C64784	694.5	694.8	0.3	1.32	AGAT_FAICP		
			C64785	694.8	696	1.2	0.113	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64787	696	697	1	0.028	AGAT_FAICP		
696.90	**705.35**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Biotite pervasively defines the weak to moderate foliation. Trace fine diss Po and Py pervasive.	C64788	697	698	1	0.107	AGAT_FAICP		
			C64789	698	699	1	0.214	AGAT_FAICP		
			C64790	699	700	1	0.124	AGAT_FAICP		
			C64791	700	701	1	0.058	AGAT_FAICP		
			C64793	701	702	1	0.095	AGAT_FAICP		
			C64794	702	703	1	0.098	AGAT_FAICP		
			C64795	703	704	1	0.269	AGAT_FAICP		
			C64796	704	705	1	0.047	AGAT_FAICP		
705.35	**706.00**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Two massive white and light grey qtz rich PEG veins with coarse biotite and Amp within along with minor to trace Py. Small bands or sections of FGS between the two veins. Lower vein is pure qtz. Upper vein is Qtx rich PEG.	C64797	705	706	1	0.052	AGAT_FAICP		
706.00	**708.63**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Biotite pervasively defines the weak to moderate foliation. Trace fine diss Po and Py pervasive.	C64799	706	707	1	0.091	AGAT_FAICP		
			C64800	707	708	1	0.107	AGAT_FAICP		
			C64801	708	708.63	0.63	0.127	AGAT_FAICP		
708.63	**709.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** White and grey coarse PEG vein with minor folding and bands of FGS within. Trace sulfides.	C64802	708.63	709.3	0.67	0.085	AGAT_FAICP		
709.30	**721.57**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Biotite pervasively defines the weak to moderate foliation. Trace fine diss Po and Py pervasive. EOH=721.57m	C64803	709.3	710	0.7	0.063	AGAT_FAICP		
			C64804	710	711	1	0.176	AGAT_FAICP		
			C64805	711	712	1	0.113	AGAT_FAICP		
			C64807	712	713	1	0.092	AGAT_FAICP		
			C64808	713	714	1	0.042	AGAT_FAICP		
			C64809	714	715	1	0.056	AGAT_FAICP		
			C64810	715	716	1	0.053	AGAT_FAICP		
			C64811	716	717	1	0.028	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64813	717	718	1	0.066	AGAT_FAICP		
			C64814	718	719	1	0.091	AGAT_FAICP		
			C64815	719	720	1	0.115	AGAT_FAICP		
			C64816	720	721	1	0.09	AGAT_FAICP		
			C64817	721	721.57	0.57	0.053	AGAT_FAICP		

Newmont

Geological Description with Assays

Hole ID : **BL19-01086**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	358.64	Easting :	334115.4672	Logged By :	Christine.Shultis
Dip :	-79.9	Northing :	5302931.4272	Logged By 2 :	Colt.Meyer
Length :	1278	Elevation :	435.6181	Log Start :	12-Apr-2019
Drill Start :	9-Apr-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	6-May-2019
Drill Completed :	31-May-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

1017.58-1018.16ms GBFG. Unit contains a moderate pegmatitic texture in the top 10cms of unit due to moderate quartz flooding. Strain intensity is moderate throughout. Garnet content is moderate and concentrated to one large aggregate at 1018.00ms. Sulphide content is high with both pyrrhotite and pyrite present with the former as the dominant variety Po 75/ Py 25. Sulphide content is present in large aggregates proximal to biotite patches and both trend with foliation fabric. Pyrite content within sulphide aggregates increase towards garnet patch. Quartz flooding/veining is moderate throughout. Hole was extended to 1278 to try intersect the updip extention of mineralization from hole 1087. No mineralization was noted while logging and no footwall AMP was intersected either.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**17.20**	**(OB) Overburden, ( )**								
17.20	**42.10**	**(FGC) Felsic Gneiss Conglomerate, ( )** Amphibole rich. Dominantly polymictic orthoconglomerate with AM rich clasts and felsic clasts. Throuthout there are intervals of paraconglomerate with rare clasts. AMP 38.2-38.47m. Rare quartz veins. Trace PY. Locally magnetic.								
42.10	**45.17**	**(FGS) Felsic Gneiss Sedimentary, ( )** FCG moderately foliated FGS with amphibole; historically would have been called DIO.								
45.17	**48.35**	**(FGC) Felsic Gneiss Conglomerate, ( )** Amphibole rich conglomerate is polymictic and paraconglomerate intermixing								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

orthoconglomerate. Rare intervals of AMP. Locally magnetic.

48.35 49.90 (FGS) Felsic Gneiss Sedimentary, ( )

FCG moderately foliated FGS; historically called diorite.

49.90 54.90 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich conglomerate is polymictic and paraconglomerate intermixing orthoconglomerate. Rare intervals of AMP. Locally magnetic.

54.90 56.10 (DIA) Diabase Dike, ( )

Diabase dyke with fractures.

56.10 93.04 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich polymictic orthoconglomerate. Rare intervals of paraconglomerate. Coarser grained 65-67m; looks like partial melting but clasts are still visible. Locally magnetic.

93.04 110.23 (QFP) Quartz Feldspar Porphyry, ( )

QFP with biotite and amphibole. PEG 97.84-98.15m. Lamprophyre dyke 102.03-102.13m is crosscutting at very low angle to core axis; extends through core 101.7-102.13m.

110.23 114.68 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich polymictic orthoconglomerate with rare intervals of paraconglomerate.

114.68 115.12 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with mafic phenocrysts. No chill margins.

115.12 137.90 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich polymictic orthoconglomerate with rare intervals of paraconglomerate.

137.90 141.10 (FGS) Felsic Gneiss Sedimentary, ( )

Fairly typical medium grained FGS. Common K/HM alteration associated with carbonate

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

veinlets.

141.10 145.63 (FGS) Felsic Gneiss Sedimentary, ( )

Amphibole rich FGS. Visible F2 folding. PEG and what appears to be recrystallization 142.8-145.63m. Possible conglomerate; no clear clast terminations. Lamprophyre crosscutting part of core axis at upper contact; no measurement possible.

145.63 146.45 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Medium grained intermediate amphibolite. Appears to be part of the sedimentary package. QFP 146.3-146.45m.

146.45 148.36 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with common carbonate veins. No chill margins.

148.36 149.60 (QFP) Quartz Feldspar Porphyry, ( )

Moderately foliated QFP. Amphibole rich.

149.60 150.60 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG intermediate amphibolite.

150.60 153.43 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

153.43 154.77 (QFP) Quartz Feldspar Porphyry, ( )

Moderately foliated QFP with amphibole. Lamprophyre crosscutting 154-154.3m.

154.77 156.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with abundant carbonate veinlets.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

156.00 158.60 (QFP) Quartz Feldspar Porphyry, ( )

Moderately foliated QFP with amphibole.

158.60 159.35 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Medium grained intermediate amphibolite.

159.35 164.10 (QFP) Quartz Feldspar Porphyry, ( )

Moderately foliated QFP.

164.10 165.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with dominantly felsic phenocrysts. Narrow chill margins.

165.00 166.60 (QFP) Quartz Feldspar Porphyry, ( )

MCG QFP. Weakly to moderately foliated.

166.60 167.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with felsic and mafic phenocrysts.

167.80 173.00 (QFP) Quartz Feldspar Porphyry, ( )

MCG QFP. Weakly to moderately foliated. Alteration halos associated with carbonate veinlets.

173.00 174.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with narrow chill margins. PY at 173.8m.

174.00 176.00 (QFP) Quartz Feldspar Porphyry, ( )

MCG QFP. Weakly to moderately foliated. Lamprophyre dyke 175.5-175.6m.

176.00 177.10 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Lamprophyre dyke with felsic and mafic phenocrysts. Narrow chill margins.

177.10 184.50 (FGS) Felsic Gneiss Sedimentary, ( )

FCG weakly to moderately foliated FGS with variable texture. Possibly strained QFP with melt texture intermixing FGS. Common alteration halos associated with carbonate veinlets.

184.50 186.30 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained FGS. Broken core with fault gouge 185.25-185.35m. Breccia 185.67-185.68m within PEG.

186.30 187.40 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately to strongly foliated intermediate amphibolite.

187.40 188.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre eyke with dominantly felsic phenocrysts. Cm scale chill margins.

188.00 191.10 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately to strongly foliated intermediate amphibolite. FGS 190.4-190.55m. Rare vugs; occasionally with epidote.

191.10 198.30 (FGS) Felsic Gneiss Sedimentary, ( )

FMG moderately foliated FGS with amphibole. Rare vugs; occasionally with epidote associated. Common fractures. Patchy KS/HM alteration.

198.30 214.80 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich FMG conglomerate. Looks more like strongly banded sediment than conglomerate; clast terminations are identifiable throughout. Lamprophyre dyke without chill margins 208.4-208.47m. Rare PEG throughout.

214.80 215.20 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated FGS with amphibole.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

215.20 216.26 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate with amphibole. Looks more banded than conglomeratic.

216.26 219.10 (FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone

Farly massive FMG FGS with amphibole.

219.10 232.30 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate with amphibole. Looks more banded than conglomeratic.
Intervals of AMP including 224.1-224.28; 227.5-227.6m; 229-229.15m.

232.30 234.26 (QFP) Quartz Feldspar Porphyry, ( )

QFP with common alteration halos associated with carbonate veinlets.

234.26 237.06 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate with amphibole. Strongly stretched with rare rounded clasts.

237.06 238.60 (QFP) Quartz Feldspar Porphyry, ( )

Strongly KS/HM altered QFP.

238.60 244.70 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate with intervals of paraconglomerate; rare clasts near lower contact. Moderately to strongly KS/HM altered; healed fractures and breccia 240.4-241.1m.

244.70 245.70 (FGS) Felsic Gneiss Sedimentary, ( )

Weakly foliated MG FGS. Weakly KS/HM altered throughout. Fine grained FGS with increased PY 245.5-245.7m.

245.70 246.90 (QFP) Quartz Feldspar Porphyry, ( )

Weakly to moderately foliated QFP. Weak to moderate KS/HM alteration throughout.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

246.90 250.40 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate; clast-supported intermixing matrix-supported intervals. Intermixing QFP 249.35-249.7m.

250.40 253.25 (QFP) Quartz Feldspar Porphyry, ( )

Weakly foliated QFP. Lamprophyre dyke crosscutting at upper contact to 250.7m.

253.25 265.60 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate with amphibole; clast-supported intermixing matrix-supported.

265.60 266.17 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

KS/HM altered intermediate amphibolite. One vein with green alteration associated 265.96-266m.

266.17 273.35 (QFP) Quartz Feldspar Porphyry, ( )

Moderately KS/HM altered QFP. Alteration associated with carbonate veinlets and brittle structures. AMPIN 266.67-267m; AMPIN 274.4-274.52m; QV 274.52-.57m; AMPIN 274.57-.7m.

273.35 279.70 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate with amphibole. Common KS/HM alteration associated with carbonate veinlets.

279.70 283.30 (FGS) Felsic Gneiss Sedimentary, ( )

QFP with common KS/HM alteration halos associated with carbonate veinlets. Massive to weakly foliated. Texture is between MCG FGS and QFP.

283.30 285.57 (FGC) Felsic Gneiss Conglomerate, ( )

Poly mictic orthoconglomerate with amphibole. Strongly siliceous 285.1-285.57m.

285.57 288.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Lamprophyre dyke with coarse to very coarse felsic clasts and less common smaller mafic clasts. Narrow blue chill margins. Strongly siliceous.								
288.00	**289.64**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Polymictic orthoconglomerate. Strongly siliceous; Moderate alteration associated with lamprophyres above and below.								
289.64	**290.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Lamprophyre dyke with coarse to very coarse felsic clasts and less common smaller mafic clasts. Narrow blue chill margins. Strongly siliceous.								
290.20	**296.06**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Polymictic orthoconglomerate with with amphibole. Strongly siliceous.								
296.06	**296.56**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Lamprophyre dyke with dominantly felsic phenocrysts. Very narrow chill margins.								
296.56	**297.40**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Amphibole rich polymictic orthoconglomerate. Rare large clasts with visible terminations appear to be less strained than everything else.								
297.40	**299.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MG weakly to moderately foliated FGS.								
299.00	**299.60**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Granitic PEG. Appears to be melting rather than a true intrusive pegmatite.								
299.60	**301.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MG weakly to moderately foliated FGS. AMP 300.4-300.6m; PEG 300.6-300.9m.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

301.00 303.10 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich polymictic conglomerately; clast-supported with intermixing intervals of maxtrix-supported.

303.10 304.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke is blue/dark grey/green with no chill margins. Altered FGC with crosscutting lamprophyres and abundant healed fractures 304.2-304.6m.

304.80 310.20 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate with amphibole. Lamprophyre dyke 306.66-306.9m.

310.20 311.07 (FGS) Felsic Gneiss Sedimentary, ( )

MG weakly to moderately foliated FGS.

311.07 313.40 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich polymictic orthoconglomerate. Lamprophyre dykes less than 5cm throughout.

313.40 315.20 (FGS) Felsic Gneiss Sedimentary, ( )

MG weakly to moderately foliated FGS Lamprophyre dyke crosscutting 314.64-.7m. Common alteration halos associated with carbonate veinlets. Moderately altered below lamprophyre dyke.

315.20 315.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with felsic phenocrysts. Wide green chill margins.

315.50 316.00 (FGS) Felsic Gneiss Sedimentary, ( )

MG weakly to moderately foliated FGS. Moderate KS/HM alteration associated with dykes above and below.

316.00 316.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Green lamprophyre dyke.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

316.30 321.90 (FGS) Felsic Gneiss Sedimentary, ( )

MG weakly to moderately foliated FGS. Variable KS/HM alteration associated with lamprophyre dyke at upper contact and fractures 317.3-317.5m.

321.90 325.50 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate; appears to be banded. Bands are comprised of amphibole and garnet-biotite.

325.50 327.40 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with narrow chill margins. Felsic and mafic phenocrysts.

327.40 328.30 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

MG intermediate amphibolite. Coarser grained and more felsic near upper contact.

328.30 333.30 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich polymictic orthoconglomerate.

333.30 338.03 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly to moderately foliated FGS. Gradual increase in amphibole starting at 336.6m; increases to AMP 337.7-338.03m.

338.03 340.80 (FGS) Felsic Gneiss Sedimentary, ( )

MCG weakly foliated sedimentary unit. Gradational changes in grain size; intervals of QFP grade to more equigranular FGS.

340.80 341.30 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG moderately foliated intermediate amphibolite.

341.30 351.50 (FGS) Felsic Gneiss Sedimentary, ( )

MCG weakly foliated sedimentary unit with amphibole. Gradational changes in grain size; intervals of QFP grade to more equigranular FGS. Narrow bands of AMP including AMPIN

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

345.94-346.18m. Varibable alteration associated with healed fractures.

351.50 359.90 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained FGS with quartz eyes. Weakly foliated. Minor amphibole throughout. Variable KS/HM alteration associated with healed fractures 351.8-353m. Conglomerate 351.5-351.75m.

359.90 379.00 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained FGS; Variable textures with gradational contacts throughout. 'DIO' texture; FGS with quartz eyes; 'DIOUNO' texture. Rare quartz veins. Gradational upper contact. Strain decreases pretty significantly through this unit.

379.00 399.20 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained FGS with variable texture. Unit becomes gradually more equigranular downhole from MCG to MG. Porphyritic 392-395m with gradational contacts. Variable KS/HM alteration.

399.20 399.56 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Strongly KS/HM altered intermediate amphibolite.

399.56 408.60 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS with variable texture and grain size. Fairly equigranular medium grained FGS intermixing weakly porphyritic FCG FGS. Contacts are gradational. Variable amphibole concentration throughout. Patchy chlorite alteration.

408.60 413.70 (FGS) Felsic Gneiss Sedimentary, ( )

MCG porphyritic FGS is weakly to moderately foliated. Two PEG intervals.

413.70 415.30 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG with minor PY.

415.30 417.20 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

FMG moderately foliated FGS.

417.20 418.95 (PEG) Pegmatite, ( )

PEG with minor PY. FGS 418.24-418.42m.

418.95 420.15 (FGS) Felsic Gneiss Sedimentary, ( )

FMG moderately foliated FGS.

420.15 420.65 (PEG) Pegmatite, ( )

Upper contact is gradational; looks like melt 420.15-420.4m. Minor PY and PO.

420.65 424.15 (FGS) Felsic Gneiss Sedimentary, ( )

MG weakly to moderately foliated FGS with amphibole.

424.15 424.85 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained FGS with porphyroblastic amphibole. Similar texture to AMPG.

424.85 448.05 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS with variable texture. Weakly to moderately foliated. Gradual grain size increase from FMG to MG downhole. Rare PEG and QV; crosscutting lamprophyre dykes 429.9-430.13m; 436.9-.95m. One block section with breccia.

448.05 454.85 (FGS) Felsic Gneiss Sedimentary, ( )

MCG massive to weakly foliated FGS. 'DIO' texture. Recrystallized quartz veins with feldspar throughout.

454.85 456.40 (FGS) Felsic Gneiss Sedimentary, ( )

FMG weakly foliated FGS. Strong alteration near contact with dyke below.

456.40 456.75 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Green lamprophyre dyke.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

456.75 470.28 (FGS) Felsic Gneiss Sedimentary, ( )

FMG weakly to moderately foliated FGS.

470.28 471.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dykes are blue/green and dark grey with chill margins crosscutting strongly altered FGS 470.43-.55m; 471.44-.58m.

471.80 484.40 (FGS) Felsic Gneiss Sedimentary, ( )

FMG weakly to moderately foliated FGS. Lamprophyre dyke 473.42-.74m. Strongly HM altered 476.2-479.2m. 'DIO' texture 487.3-484.4m.

484.40 493.55 (FGS) Felsic Gneiss Sedimentary, ( )

MCG FGS with quartz eyes. Minor amphibole throughout. Variable KS/HM alteration.

493.55 494.88 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG with sharp and uneven contacts.

494.88 500.50 (FGS) Felsic Gneiss Sedimentary, ( )

MCG weakly to moderately foliated FGS with quartz eyes.

500.50 500.90 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG intermediate amphibolite. Weakly to moderately ks/HM altered.

500.90 502.10 (FGS) Felsic Gneiss Sedimentary, ( )

MCG weakly to moderately foliated FGS with quartz eyes.

502.10 502.40 (AMP) Amphibolite, ( )

FMG amphibolite.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

502.40 509.25 (FGS) Felsic Gneiss Sedimentary, ( )

MCG weakly to moderately foliated FGS with quartz eyes. Two brecciated intervals at 504.11m; 504.3m.

509.25 510.70 (DIA) Diabase Dike, ( )

Diabase dyke.

510.70 524.15 (FGS) Felsic Gneiss Sedimentary, ( )

FMG moderately foliated FGS. Variable KS/HM alteration throughout associated with carbonate veinlets. Narrow bands of AMP including one 519.28-.46m. Breccia at 523.59m.

524.15 526.90 (AMP) Amphibolite, ( )

FMG amphibolite with KS/HM alteration. Weakly to moderately foliated. Minor epidote.

526.90 527.67 (PEG) Pegmatite, ( )

Looks like recrystallized quartz vein.

527.67 528.76 (FGS) Felsic Gneiss Sedimentary, ( )

FMG weakly to moderately foliated FGS. Variable KS/HM alteration throughout associated with carbonate veinlets.

528.76 529.63 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG with no visible sulphides.

529.63 550.00 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS is fairly homogeneous. Variable KS/HM alteration associated with carbonate veinlets. Rare intervals of PEG. AMP 549.5-549.6m. PEG and FGS 549.6-550m.

550.00 550.50 (AMP) Amphibolite, ( )

FMG ampibolite. Patchy CL alteration and minor EP.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

550.50 552.70 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS is fairly homogeneous. Variable KS/HM alteration associated with carbonate veinlets.

552.70 553.00 (AMP) Amphibolite, ( )

FMG amphibolite. Patchy CL alteration and minor epidote.

553.00 557.20 (FGS) Felsic Gneiss Sedimentary, ( )

FMG moderately foliated FGS. Variable KS/HM alteration associated with carbonate veinlets. PEG 553-553.1m.

557.20 560.06 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with dominantly felsic phenocrysts. Narrow chill margins.

560.06 563.10 (FGS) Felsic Gneiss Sedimentary, ( )

FMG moderately foliated FGS. Variable KS/HM alteration associated with carbonate veinlets.

563.10 564.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with dominantly felsic phenocrysts. Uneven contacts.

564.00 572.47 (FGS) Felsic Gneiss Sedimentary, ( )

FMG moderately foliated FGS. Variable KS/HM alteration associated with carbonate veinlets. Weakly developed melt texture.

572.47 573.60 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Black/green lamprophyre dyke. Broken section appears to be brittle structure 572.5-.81m. Uneven contacts.

573.60 630.60 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Moderately foliated FGS with melt texture. Fine to medium grained FGS gradually increases to medium to coarse grained FGS. Variable KS/HM alteration associated with carbonate veinlets. Rare intervals of Q2. Green Lamprophyre dyke 601.09-601.23m. FMG FGS 625.6-627.4m.								
630.60	**632.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Lamprophyre dyke with dominantly felsic phenocrysts.								
632.20	**632.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FMG porphyritic FGS.								
632.90	**636.75**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Lamprophyre dyke with dominantly felsic phenocrysts. FGS interval 633.95-634.03m between to separate lamprophyre dykes.								
636.75	**638.65**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MCG fairly massive and porphyritic FGS.								
638.65	**646.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Moderately foliated FGS is dominantly FMG; coarser grained where it appears to be recrystallized 645-646.85m. PEG and QV where recrystallized. Intermixing intervals are strongly altered; texture is obliterated.								
646.85	**647.65**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		Recrystallized quartz vein with feldspar and minor amphibole.								
647.65	**649.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61440	647.65	648.2	0.55	0.042	AGAT_FAICP		
		FMG weakly to moderately foliated FGS. Intermixing intervals are strongly altered; texture is obliterated.	D61441	648.2	649	0.8	0.019	AGAT_FAICP		
649.00	**651.10**	**(AMP) Amphibolite, ( )**	D61442	649	649.8	0.8	0.153	AGAT_FAICP		
		FMG amphibolite with abundant folded quartz veins. QV2 are up to 1cm wide and occasionally have PY. 2% PY.	D61443	649.8	650.6	0.8	0.09	AGAT_FAICP		
			D61444	650.6	651.1	0.5	0.104	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
651.10	**654.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** FMG weakly to moderately foliated FGS. Intermixing intervals are strongly altered; texture is obliterated. Grey/tan coloured dyke 653.35-.4m with strong KS/HM alteration above and below. PEG at lower contact.	D61445	651.1	652	0.9	0.03	AGAT_FAICP		
			D61447	652	653	1	0.011	AGAT_FAICP		
			D61448	653	654	1	0.013	AGAT_FAICP		
			D61449	654	654.8	0.8	0.016	AGAT_FAICP		
654.80	**656.40**	**(AMP) Amphibolite, ( )** FMG moderately to well foliated AMP. 1% PY is concentrated in bands.	D61450	654.8	655.6	0.8	0.02	AGAT_FAICP		
			D61451	655.6	656.4	0.8	0.026	AGAT_FAICP		
656.40	**657.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FMG moderately foliated FGS. One band of AMP near lower contact.	D61453	656.4	657	0.6	0.032	AGAT_FAICP		
657.00	**657.75**	**(AMP) Amphibolite, ( )** FMG moderately foliated AMP. 2% PY.	D61454	657	657.75	0.75	0.027	AGAT_FAICP		
657.75	**661.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** FMG weakly foliated FGS. AMP bands near lower contact.	D61455	657.75	658.7	0.95	0.02	AGAT_FAICP		
			D61456	658.7	659.7	1	0.007	AGAT_FAICP		
661.60	**664.30**	**(QFP) Quartz Feldspar Porphyry, ( )** Weakly foliated QFP. Strongly altered 662.1-662.6m; suspected dyke near by. Two QF veins.								
664.30	**696.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** MCG weakly foliated FGS. Melt texture (quartz rich) near upper contact. Variable KS/HM alteration associated with carbonate veinlets. Finer grained and moderately foliated interval 665.3-666.5m has AMP bands; is also strongly altered with little visible texture.								
696.90	**698.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Lamprophyre dyke with wide and brittle chill margins. Fault gouge at lower contact.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
698.50	**700.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		FMG moderately foliated intermediate amphibolite. Coarser grained at upper contact.								
700.25	**727.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MCG FGS. Variable strain and grain size; MCG fairly massive FGS intermixing MG moderately foliated FGS; composition is consistent. Rare bands of AMP are typically less than 1cm wide; AMP 716.2-716.5m. Patchy CL alteration. Rare PEG intervals; PEG 626.85-727.1m.								
727.10	**734.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained FGS. Amhibole rich layers 727.1-727.9m and 729.13-731.9m intermixing layers without amphibole.								
734.80	**741.84**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MCG FGS with 'diorite' texture.								
741.84	**743.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FMG weakly to moderately foliated FGS.								
743.90	**744.85**	**(AMP) Amphibolite, ( )**								
		FMG weakly to moderately foliated amphibolite. Patchy CL alteration and epidote.								
744.85	**749.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MCG FGS with minor amphibole and patchy CL alteration. QV2 745.15-745.5m.								
749.50	**752.47**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		MCG QFP.								
752.47	**754.60**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Lamprophyre dyke. Looks like missing core at upper contact and fault at lower contact.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
754.60	**755.80**	**(QFP) Quartz Feldspar Porphyry, ( )** MCG QFP. Coarse grained amphibole and biotite 755.32-.67m; tightly folded?								
755.80	**761.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** FMG FGS. Moderately to strongly altered. Tightly folded quartz vein (1-2cm wide) 756.3-.56m with nothing concrete to measure. Fault gouge 760.84-761.06m.								
761.20	**762.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Lamprophyre dyke with dominantly felsic xenoliths.	D61457	761.2	761.9	0.7	0.003	AGAT_FAICP		
			D61459	761.9	762.5	0.6	0.003	AGAT_FAICP		
762.50	**768.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** FMG moderately foliated FGS. Melt texture throughout with minor amphibole and patchy CL alteration. Lamprophyre dyke 766.08-766.23m.	D61460	762.5	763.4	0.9	0.048	AGAT_FAICP		
			D61461	763.4	764.3	0.9	0.021	AGAT_FAICP		
			D61462	764.3	765.2	0.9	0.031	AGAT_FAICP		
			D61463	765.2	766	0.8	0.026	AGAT_FAICP		
			D61464	766	767	1	0.025	AGAT_FAICP		
			D61465	767	767.9	0.9	0.031	AGAT_FAICP		
			D61467	767.9	768.8	0.9	0.028	AGAT_FAICP		
768.80	**770.30**	**(UMD) UM\LAMP Dike, ( )** Lamprophyre dyke with green chill margins. Felsic and mafic xenoliths.	D61468	768.8	769.6	0.8	0.197	AGAT_FAICP		
			D61469	769.6	770.3	0.7	0.049	AGAT_FAICP		
770.30	**772.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** MG FGS with amphibole and patchy CL alteration. PEG 772.35-227.7m.	D61470	770.3	771	0.7	0.018	AGAT_FAICP		
			D61471	771	771.8	0.8	0.038	AGAT_FAICP		
			D61473	771.8	772.8	1	0.628	AGAT_FAICP		
772.80	**773.66**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Lamprophyre dyke with wide green chill margins.	D61474	772.8	773.66	0.86	0.008	AGAT_FAICP		
773.66	**790.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** FMG weakly to moderately foliated FGS. Abundant QZ and QF veins throughout (typically	D61475	773.66	774.7	1.04	0.042	AGAT_FAICP		
			D61476	774.7	775.7	1	0.038	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
less than 5cm wide).			D61477	775.7	776.6	0.9	0.045	AGAT_FAICP		
			D61479	776.6	777.5	0.9	0.069	AGAT_FAICP		
			D61480	777.5	778.4	0.9	0.041	AGAT_FAICP		
			D61481	778.4	779.3	0.9	0.031	AGAT_FAICP		
			D61482	779.3	780.2	0.9	0.034	AGAT_FAICP		
			D61483	780.2	781.1	0.9	0.033	AGAT_FAICP		
			D61484	781.1	782	0.9	0.025	AGAT_FAICP		
			D61485	782	783	1	0.048	AGAT_FAICP		
			D61487	783	784	1	0.037	AGAT_FAICP		
			D61488	784	784.95	0.95	0.078	AGAT_FAICP		
			D61489	784.95	786	1.05	0.047	AGAT_FAICP		
			D61490	786	787.1	1.1	0.032	AGAT_FAICP		
			D61491	787.1	788.1	1	0.029	AGAT_FAICP		
			D61493	788.1	789.2	1.1	0.034	AGAT_FAICP		
			D61494	789.2	790.2	1	0.065	AGAT_FAICP		
790.20	**796.95**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61495	790.2	791.2	1	0.025	AGAT_FAICP		
FCG weakly to moderately foliated FGS. 'Diorite' texture. Porphyroblastic amphibole throughout. Rare mafic xenoliths throughout. Locally and weakly magnetic.			D61496	791.2	792	0.8	0.014	AGAT_FAICP		
			D61497	792	792.9	0.9	0.027	AGAT_FAICP		
			D61499	792.9	793.9	1	0.075	AGAT_FAICP		
			D61500	793.9	794.9	1	0.064	AGAT_FAICP		
			D61501	794.9	795.9	1	0.021	AGAT_FAICP		
			D61502	795.9	796.9	1	0.023	AGAT_FAICP		
796.95	**803.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61503	796.9	798	1.1	0.042	AGAT_FAICP		
Fine to medium grained FGS 696.95 to 801m then gradual increase to Medium to coarse grained. Weakly developed melt texture with amphibole and patchy CL alteration. Lamprophyre dykes crosscutting 800.24-800.38m; 801.54-801.72m.			D61504	798	798.8	0.8	0.054	AGAT_FAICP		
			D61505	798.8	799.7	0.9	0.03	AGAT_FAICP		
			D61507	799.7	800.6	0.9	0.012	AGAT_FAICP		
			D61508	800.6	801.5	0.9	0.025	AGAT_FAICP		
			D61509	801.5	802.2	0.7	0.072	AGAT_FAICP		
			D61510	802.2	803.1	0.9	0.086	AGAT_FAICP		
803.10	**803.47**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D61511	803.1	803.47	0.37	0.006	AGAT_FAICP		
Lamprophyre dyke with no chill margins.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
803.47	**823.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Quartz rich MCG fgs. Melt texture with amphibole with epidote and patchy CL alteration 803.47-813m. Lamprophyre dyke crosscutting 806.33-806.58m. Overall fairly massive with intervals that are weakly to well foliated. Minor PO.	D61513	803.47	804.5	1.03	0.078	AGAT_FAICP		
			D61514	804.5	805.4	0.9	0.017	AGAT_FAICP		
			D61515	805.4	806.25	0.85	0.023	AGAT_FAICP		
			D61516	806.25	807.2	0.95	0.103	AGAT_FAICP		
			D61517	807.2	807.9	0.7	0.44	AGAT_FAICP		
			D61519	807.9	808.9	1	0.15	AGAT_FAICP		
			D61520	808.9	809.9	1	0.037	AGAT_FAICP		
			D61521	809.9	810.9	1	0.023	AGAT_FAICP		
			D61522	810.9	811.9	1	0.059	AGAT_FAICP		
			D61523	811.9	813	1.1	0.057	AGAT_FAICP		
			D61524	813	814	1	0.015	AGAT_FAICP		
			D61525	814	815	1	0.136	AGAT_FAICP		
			D61527	815	816	1	0.019	AGAT_FAICP		
			D61528	816	817	1	0.027	AGAT_FAICP		
			D61529	817	818	1	0.034	AGAT_FAICP		
			D61530	818	819	1	0.018	AGAT_FAICP		
			D61531	819	820	1	0.016	AGAT_FAICP		
			D61533	820	821	1	0.026	AGAT_FAICP		
			D61534	821	821.9	0.9	0.009	AGAT_FAICP		
			D61535	821.9	822.8	0.9	0.014	AGAT_FAICP		
			D61536	822.8	823.7	0.9	0.01	AGAT_FAICP		
823.70	**831.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** FMG moderately foliated amphibolite. Variable amphible concentration throughout. Intermixing intervals with melt texture; intermixing intervals have epidote and CL alteration.	D61537	823.7	824.7	1	0.058	AGAT_FAICP		
			D61539	824.7	825.7	1	0.045	AGAT_FAICP		
			D61540	825.7	826.6	0.9	0.091	AGAT_FAICP		
			D61541	826.6	827.6	1	0.049	AGAT_FAICP		
			D61542	827.6	828.6	1	0.056	AGAT_FAICP		
			D61543	828.6	829.6	1	0.085	AGAT_FAICP		
			D61544	829.6	830.5	0.9	0.16	AGAT_FAICP		
			D61545	830.5	831.2	0.7	0.254	AGAT_FAICP		
831.20	**835.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** MG weakly to moderately foliated FGS. Porphyroblastic amphibole throughout; within a finer	D61547	831.2	832.2	1	0.012	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
grained felsic matrix. Narrow bands of amphibole near lower contact. Rare mafic xenoliths throughout.			D61548	832.2	833.2	1	0.008	AGAT_FAICP		
835.20	**835.80**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Quartz and feldspar rich PEG.										
835.80	**843.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FCG weakly to moderately foliated FGS. Porphyroblastic amphibole throughout; within a finer grained felsic matrix. Narrow bands of amphibole near lower contact. Rare mafic xenoliths throughout.										
843.80	**845.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
PEG is dominantly quartz and feldspar. No visible sulphides.										
845.50	**876.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FCG fairly massive FGS. Porphyroblastic amphibole throughout; within a finer grained felsic matrix. Rare mafic xenoliths throughout. Occasional PEG less than 5cm. Patchy CL alteration.										
876.00	**876.40**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D61549	876	876.4	0.4	0.045	AGAT_FAICP		
medium to coarse-grained amphibole-porphyroclastic unit with minor chlorite and sericite alteration										
876.40	**878.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61550	876.4	877.2	0.8	0.029	AGAT_FAICP		
medium to coarse-grained green and grey weakly foliated to massive FGS unit with abundant amphibole that ranges from disseminated grains along foliation to chunky equant porphyroblasts; disseminated biotite is present as well; green medium-grained amphibolite band near lower contact			D61551	877.2	878	0.8	0.005	AGAT_FAICP		
878.00	**878.40**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	D61553	878	878.4	0.4	0.003	AGAT_FAICP		
coarse-grained massive light grey quartz vein with remnant patches of incorporated altered wallrock; sharp upper contact and gradual lower contact with incorporated bands of FGS										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
878.40	**887.41**	**(FGS) Felsic Gneiss Sedimentary, ( )** grey and green medium to coarse-grained FGS likely a paragneiss; chlorite and epidote alteration around quartz-carbonate veinlet fracture infill; unit ranges from massive to weakly foliated and contains disseminated biotite as well as amphibole; patchy melted section of concentrated quartzofeldspathic material from 882 m to 883.7 m depth; patchy quartzofeldspathic melt seen throughout unit although this interval is the greatest degree of melting within the unit; cm-scale amphibole-rich fragments scattered throughout unit	D61554	878.4	879.4	1	0.003	AGAT_FAICP		
			D61555	879.4	880.4	1	0.003	AGAT_FAICP		
			D61556	880.4	880.96	0.56	0.003	AGAT_FAICP		
			D61557	880.96	881.64	0.68	0.002	AGAT_FAICP		
			D61559	881.64	882.66	1.02	0.011	AGAT_FAICP		
			D61560	882.66	883.64	0.98	0.003	AGAT_FAICP		
			D61561	883.64	884.6	0.96	0.005	AGAT_FAICP		
			D61562	884.6	885.81	1.21	0.003	AGAT_FAICP		
			D61563	885.81	886.74	0.93	0.003	AGAT_FAICP		
			D61564	886.74	887.41	0.67	0.002	AGAT_FAICP		
887.41	**888.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained carbonate-phenocrystic intrusive lamprophyre dyke with subrounded to rounded pale grey xenoliths; knife-sharp contacts with thick sericitized and chloritized margins								
888.65	**889.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** medium to coarse-grained weakly foliated grey and green FGS with disseminated amphibole and biotite; small dark grey quartz veinlets with minor asoociated pyrite mineralization								
889.70	**890.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained grey and black carbonate-phenocrystic intrusive lamprophyre dyke with minor rounded palevgreyish-green xenoliths; knife-sharp intrusive contacts with thick greenish sericite-chlorite alteration rims								
890.10	**897.43**	**(FGS) Felsic Gneiss Sedimentary, ( )** medium to coarse-grained grey and green weakly to moderately foliated FGS with disseminated biotite and amphbiole grains; some coarse amphibole-rich fragments throughout unit; intermittent quartz and quartzofeldspathic melt bands with sharp contacts; late quartz-carbonate stringers with chlorite-epidote alteration or weak sericitic halos								
897.43	**897.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
897.95	**907.95**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Strong background amphibole content. Very low sulphide content. Weak to moderate sericitic and chloritic alteration via stringers. Thin pegmatitic/partial melt veins present but are barren. Strong labradorite presence. Localized patches/pods of amphibolite throughout. Strain intensity is weak to moderate. Short UMD-Lamp contained from 898.50-898.67 with an upper contact of 60/300.								
907.95	**908.40**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	D61565	907.95	908.4	0.45	0.056	AGAT_FAICP		
		QV contains a pegmatitic texture with poorly formed feldspars. Weak to moderate chloritic alteration. Weak sulphide content with the exception of a couple medium sized pyrrhotite/pyrite specimens. Unit could be a partial melt of a previous PEG.								
908.40	**909.65**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61567	908.4	909.06	0.66	0.038	AGAT_FAICP		
		Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Strong background amphibole content. Very low sulphide content. Strong labradorite presence. Localized patches/pods of amphibolite throughout. Strain intensity is weak to moderate.	D61568	909.06	909.65	0.59	0.011	AGAT_FAICP		
909.65	**910.10**	**(QV) Quartz Vein, ( )**	D61569	909.65	910.1	0.45	0.052	AGAT_FAICP		
		QV contains a pegmatitic texture with poorly formed feldspars. Weak to moderate chloritic alteration. Very low sulphide content. Thin sections from of FGS contained within unit. Unit could be a partial melt of a previous PEG.								
910.10	**915.71**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Strong background amphibole content. Very low sulphide content. Weak to moderate sericitic and chloritic alteration via stringers. Thin pegmatitic/partial melt veins present but are barren. Strong labradorite presence. Localized patches/pods of amphibolite throughout. Strain intensity is weak to moderate.								
915.71	**917.22**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Fine to medium grained xenoliths/amygdales. Thin moderate angled veinlets of Qtz/CaCO3 crosscut the unit								
917.22	**930.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61570	919.47	919.98	0.51	0.006	AGAT_FAICP		
		Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Strong background amphibole content. Very low sulphide content. Weak to moderate sericitic and chloritic alteration via stringers often trending with foliation. Thin pegmatitic/partial melt veins present but are barren. Strong labradorite presence. Strain intensity is weak to moderate	D61571	919.98	920.5	0.52	0.01	AGAT_FAICP		
			D61573	920.5	921.06	0.56	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61574	921.06	921.4	0.34	0.003	AGAT_FAICP		
			D61575	921.4	922.2	0.8	0.004	AGAT_FAICP		
			D61576	922.2	923	0.8	0.011	AGAT_FAICP		
			D61577	923	923.5	0.5	0.019	AGAT_FAICP		
			D61579	923.5	924.44	0.94	0.004	AGAT_FAICP		
			D61580	924.44	925.34	0.9	0.007	AGAT_FAICP		
			D61581	925.34	926	0.66	0.006	AGAT_FAICP		
			D61582	926	926.45	0.45	0.021	AGAT_FAICP		
			D61583	926.45	927.67	1.22	0.007	AGAT_FAICP		
			D61584	927.67	928.96	1.29	0.007	AGAT_FAICP		
			D61585	928.96	929.81	0.85	0.049	AGAT_FAICP		
			D61587	929.81	930.9	1.09	0.016	AGAT_FAICP		
930.90	**931.47**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Strong background amphibole content. Very low sulphide content. Modreatre to strong sericitic and chloritic alteration via stringers.	D61588	930.9	931.47	0.57	0.051	AGAT_FAICP		
931.47	**932.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Strong background amphibole content. Very low sulphide content. Weak to moderate sericitic and chloritic alteration via stringers often trending with foliation. Thin pegmatitic/partial melt veins present but are barren. Strong labradorite presence. Strain intensity is weak to moderate.	D61589	931.47	931.95	0.48	0.009	AGAT_FAICP		
			D61590	931.95	932.8	0.85	0.014	AGAT_FAICP		
932.80	**937.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains fine to moderate grained phenocrysts of qtz/plag. Unit contains strong to intense chloritic/sericitic/potassic alteration via stringers/dissemination. Short pegmatitic/partial melts contained within unit but do not contain significant sulphide content. Very low sulphide throughout unit.	D61591	932.8	934.07	1.27	0.01	AGAT_FAICP		
			D61593	934.07	934.52	0.45	0.136	AGAT_FAICP		
			D61594	934.52	935.47	0.95	0.051	AGAT_FAICP		
			D61595	935.47	936.43	0.96	0.026	AGAT_FAICP		
			D61596	936.43	937.1	0.67	0.007	AGAT_FAICP		
			D61597	937.1	937.85	0.75	0.006	AGAT_FAICP		
937.85	**938.45**	**(FGC) Felsic Gneiss Conglomerate, ( )** Short clast supported conglomerate with a weak MAM appearance. Strong amphibole content within matrix. Thin QV2 contained within unit but is barren. Moderate to strong chloritic/sericitic alteraiton at upper contact.	D61599	937.85	938.45	0.6	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
938.45	**942.84**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Moderate background amphibole content. Very low sulphide content with the exception of fine grained Po and Py within a thin quartz vein at 942.0 ms. Weak to moderate sericitic and chloritic alteration via stringers often trending with foliation. Strain intensity is weak to moderate	D61600	938.45	939.85	1.4	0.009	AGAT_FAICP		
			D61601	939.85	941.26	1.41	0.007	AGAT_FAICP		
			D61602	941.26	942.1	0.84	0.014	AGAT_FAICP		
			D61603	942.1	943.2	1.1	0.009	AGAT_FAICP		
942.84	**943.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderately coarse FGS with poorly formed phenocrysts of qtz/plag. Moderate background amphibole content. Very low sulphide content with the exception of fine grained Po and Py within a thin quartz vein at 942.0 ms. Weak to moderate sericitic and chloritic alteration via stringers often trending with foliation. Strain intensity is weak to moderate								
943.20	**943.70**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** Unit appears to be a partial melt of a PEG or a QV that has gathered felsic and mafic components. Poorly formed k-spar. Fine to large sized amphiboles present. Thin veinlets/stringers of QV fluid crosscut the unit at moderate angle but do not contain any significant sulphide content. Sulphide content is low with both pyrite and pyrrhotite present in similar quantities.	D61604	943.2	943.7	0.5	0.012	AGAT_FAICP		
943.70	**945.60**	**(FGC) Felsic Gneiss Conglomerate, ( )** FGC has a moderate MAM like appearance. Strong amphibole content within matrix. Unit is clast supported with some amphibole clasts reaching 10 cms in size. Sulphide content is moderately low with both pyrite and pyrrhotite present in similar quantities. Weak to moderate epidote alteration via dissemination. Moderate quartz flooding throughout.	D61605	943.7	944.43	0.73	0.019	AGAT_FAICP		
			D61607	944.43	944.88	0.45	0.044	AGAT_FAICP		
			D61608	944.88	945.6	0.72	0.088	AGAT_FAICP		
945.60	**954.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric with moderate amphibole background content. Phenocrysts are poorly formed/sub rounded and range from 0.1 - 5.0 mm's in size. Weak to moderate potassic/sericitic/chloritic alteration is present via moderate angled bands/stringers and dissemination. Sulphide content is very low. A short FGC is present from 946.32-946.58ms with an upper contact of 58/206	D61609	945.6	946.75	1.15	0.023	AGAT_FAICP		
			D61610	946.75	948.15	1.4	0.009	AGAT_FAICP		
			D61611	948.15	949.6	1.45	0.002	AGAT_FAICP		
			D61613	949.6	951.1	1.5	0.008	AGAT_FAICP		
			D61614	951.1	952.51	1.41	0.041	AGAT_FAICP		
			D61615	952.51	954	1.49	0.01	AGAT_FAICP		
			D61616	954	954.6	0.6	0.022	AGAT_FAICP		
954.60	**958.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains moderate to strong potassic/sericitic/chloritic alteration via dissemination and halos. Weak to moderate quartz flooding but suphide content remains moderately low throughout unit. A couple short amphiboles are present throughout unit.	D61617	954.6	955.4	0.8	0.041	AGAT_FAICP		
			D61619	955.4	956.4	1	0.013	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61620	956.4	957.8	1.4	0.053	AGAT_FAICP		
			D61621	957.8	958.7	0.9	0.008	AGAT_FAICP		
958.70	**959.22**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D61622	958.7	959.22	0.52	0.008	AGAT_FAICP		
Lamprophyre contains fine to medium sized xenoliths and amygdules.										
959.22	**961.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61623	959.22	960.6	1.38	0.047	AGAT_FAICP		
FGS contains moderate to strong potassic/sericitic/chloritic alteration via dissemination and halos. Weak to moderate quartz flooding but suphide content remains moderately low throughout unit. Thin slivers of amphibolite present.			D61624	960.6	961.8	1.2	0.078	AGAT_FAICP		
961.80	**963.85**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D61625	961.8	963	1.2	0.008	AGAT_FAICP		
Lamprophyre contains fine grained xenoliths and amygdules.			D61627	963	963.85	0.85	0.007	AGAT_FAICP		
963.85	**964.96**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61628	963.85	964.96	1.11	0.02	AGAT_FAICP		
FGS contains moderate to strong chloritic/riebeckite alteration via dissemination due to proximal UMD. Very low sulphide content with pyrite being the dominant variety Py70/Po30. Thin QV near lower contact is present but is barren. Weak dioritic fabric with poorly formed phenocrysts ranging 0.1 to 3.5 mm's in size. Moderate background amphibole content										
964.96	**966.65**	**(GBFG, FGS) Garnet Biotite Felsic Gneiss, Felsic Gneiss Sedimentary, ( )**	D61629	964.96	965.58	0.62	0.083	AGAT_FAICP		
			D61630	965.58	966.18	0.6	0.051	AGAT_FAICP		
Hybrid unit between GBFG and FGS with sporadic sections of high biotite content and scattered garnets. Unit contains strong riebeckite/chlorite alteration via dissemination due to proximal UMD. Short UMD contained from 965.40-965.58 with an upper contact of a-20/b-9. Short pegmatitic section from 965.68-965.965.88. Sulphide content is moderate with localized large patches/aggregates of both pyrite and pyrrhotite with the former being the dominant variety Py65/Po35. Moderate strain intensity throughout unit			D61631	966.18	966.65	0.47	0.059	AGAT_FAICP		
966.65	**967.58**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	D61633	966.65	967.58	0.93	0.02	AGAT_FAICP		
Pegmatite contains disseminated amphibole and moderate chloritic alteration. Strong riebeckite alteration present in the last 15 cm's of unit. K-spar specimens are mixed between well and poorly formed likely due to partial melting via proximal UMD. Thin sections of GBFG contain throughout with sericitic alteration present on edges of biotite aggregates. Sulphide content is low throughout										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
967.58	**969.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D61634	967.58	968.42	0.84	0.003	AGAT_FAICP		
Lamprophyre contains fine to coarse grained xenoliths and amygdules as well as 2cm< Qtz/CaCo3 veins.			D61635	968.42	969.1	0.68	0.005	AGAT_FAICP		
969.10	**970.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61636	969.1	970.3	1.2	0.006	AGAT_FAICP		
FGS contains strong chloritic and moderate riebeckite alteration via dissemination due to UMD upper and lower contacts. Unit contains a thin projection of upper lamprophyre from 969.32-969.37m's. Fine to medium grained amphibole and biotite trend with foliation. Thin veinlets crosscut the unit at moderate angle carrying qtz/chloritic alteration. Unit contains moderate to strong strain intensity and exhibits strong lineation. Very low sulphide content.										
970.30	**971.30**	**(UMD) UM\LAMP Dike, ( )**	D61637	970.3	971.3	1	0.006	AGAT_FAICP		
Lamprophyre contains fine to coarse grained xenoliths and amygdules as well as 2cm< Qtz/CaCo3 veins.										
971.30	**971.92**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61639	971.3	971.92	0.62	0.017	AGAT_FAICP		
FGS contains strong chloritic and moderate riebeckite alteration via dissemination due to UMD upper and lower contacts. Fine to medium grained amphibole and biotite trend with foliation. Thin sporadic veinlets crosscut througout carrying qtz/chloritic alteration. Unit contains moderate to strong strain intensity and exhibits strong lineation. Very low sulphide content.										
971.92	**972.44**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	D61640	971.92	972.44	0.52	0.012	AGAT_FAICP		
Short pegmatite contains strong sercitic alteration via dissemination in addition to weak to moderate chloritic alteration via pervasive style. Very low sulphide content. Pegmatite contains a finer crystalline structure.										
972.44	**976.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61641	972.44	973.78	1.34	0.034	AGAT_FAICP		
FGS contains strong sericitic and weak to moderate potassic alteration via dissemination throughout. Sulphide content is very low. Moderate strain intensity. Short QV2 veins present but are barren. Weak hematitic alteration via sporadic veinlets.			D61642	973.78	975	1.22	0.037	AGAT_FAICP		
			D61643	975	976	1	0.045	AGAT_FAICP		
976.00	**982.00**	**(FGS, FGG) Felsic Gneiss Sedimentary, Felsic Gneiss Granitic, (FGSMU) Muscovite-rich FGS**	D61644	976	977.33	1.33	0.032	AGAT_FAICP		
FGS contains weak to moderate muscovite with short sections of FGG. Melt texture observable throughout unit. Moderate to strong potassic alteration via dissemination. Sericitic alteration also present ranging from moderate to strong via dissemination and sporadic veinlets. Short pegmatitic veins present but are barren. Low sulphide content			D61645	977.33	978.04	0.71	0.017	AGAT_FAICP		
			D61647	978.04	979.5	1.46	0.03	AGAT_FAICP		
			D61648	979.5	981	1.5	0.054	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61649	981	982	1	0.039	AGAT_FAICP		
982.00	**998.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a conglomeratic appearance due to the banded quartz flooding trending with foliation. Weak to moderate epidote presence. Moderate to strong sericitic alteration via stringers. Weak to moderate potassic alteration via dissemination. Sulphide content is moderately low with pyrite as the main constiuent. A short pegmatite is contained from 998.10 - 998.30 with moderate pyrrhotite content (see veining tab). Lower 20 centimetres of unit contains moderate to strong sericitic alteration with a few amphibole specimens.	D61650	982	983.5	1.5	0.041	AGAT_FAICP		
			D61651	983.5	985	1.5	0.016	AGAT_FAICP		
			D61653	985	986.37	1.37	0.021	AGAT_FAICP		
			D61654	986.37	987.8	1.43	0.017	AGAT_FAICP		
			D61655	987.8	989.25	1.45	0.011	AGAT_FAICP		
			D61656	989.25	990.7	1.45	0.017	AGAT_FAICP		
			D61657	990.7	991.96	1.26	0.025	AGAT_FAICP		
			D61659	991.96	993.43	1.47	0.021	AGAT_FAICP		
			D61660	993.43	994.88	1.45	0.059	AGAT_FAICP		
			D61661	994.88	996.2	1.32	0.025	AGAT_FAICP		
			D61662	996.2	997.17	0.97	0.06	AGAT_FAICP		
			D61663	997.17	997.58	0.41	0.081	AGAT_FAICP		
			D61664	997.58	998.55	0.97	0.127	AGAT_FAICP		
998.75	**999.18**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Numerous amphibole porphyroclasts exhibiting moderate to strong strain intensity in addition to strong lineation fabric. Moderate to strong sericitic alteration via dissemination and prevasive signatures. Sulphide content is low throughout.	D61665	998.55	999.18	0.63	0.058	AGAT_FAICP		
999.18	**1002.28**	**(FGS, FGG) Felsic Gneiss Sedimentary, Felsic Gneiss Granitic, (FGSMU) Muscovite-rich FGS** FGS contains weak to moderate muscovite/sillimanite presence throughout with stronger content being observed within short FGG sections. Sulphide content is low. Sericitic alteration ranges from moderate to strong via dissemination as well as sporadic stringers. Potassic alteration also moderate to strong through the same pathways. Short quartz flooded area from 1000.80-1001.15m but does not contain significant sulphide content.	D61667	999.18	1000.6	1.42	0.042	AGAT_FAICP		
			D61668	1000.6	1001.38	0.78	0.03	AGAT_FAICP		
			D61669	1001.38	1002.28	0.9	0.009	AGAT_FAICP		
1002.28	**1004.42**	**(FGG, FGS) Felsic Gneiss Granitic, Felsic Gneiss Sedimentary, ( )** FGG contains fine to medium grained muscovite throughout appearing as disseminated and massive specimens. Sillimanite also present but content is low. Potassic alteration is moderate to intense. A couple short FGS units are present. Low sulphide content	D61670	1002.28	1003.21	0.93	0.021	AGAT_FAICP		
			D61671	1003.21	1003.84	0.63	0.031	AGAT_FAICP		
			D61673	1003.84	1004.42	0.58	0.016	AGAT_FAICP		
1004.42	**1006.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU)**	D61674	1004.42	1004.9	0.48	0.016	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Muscovite-rich FGS	D61675	1004.9	1005.58	0.68	0.089	AGAT_FAICP		
		FGS contains patchy musovite and ocassional sillimanite. Alteration minerals are more abundant in thin sections of FGG. Quartz flooded/pegmatitic section present from 1004.94-1005.20m with no increase in sulphide content. Sulphide content overall is low. Moderate sericitic and moderate to strong potassic alteration present via dissemination and stringers.	D61676	1005.58	1006.14	0.56	0.051	AGAT_FAICP		
			D61677	1006.14	1006.95	0.81	0.046	AGAT_FAICP		
1006.95	**1007.60**	**(FGG) Felsic Gneiss Granitic, ( )**	D61679	1006.95	1007.6	0.65	0.102	AGAT_FAICP		
		Short FGG intermixed with FGS. Weak to moderate muscovite and weak sillimanite presence. Sulphide content is low. Moderate to strong potassic and moderate sericitic alteration via dissemination. Moderate melt texture.								
1007.60	**1009.43**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61680	1007.6	1008.62	1.02	0.02	AGAT_FAICP		
		FGS contains moderate strain intensity. Weak to moderate epidote in the presense of fine grained aggregates. Moderate potassic and sericitic alteration via high angled bands. Very low sulphide content overall with both pyrite and pyrrhotite observable in similar quantities.. Weak muscovite presence.	D61681	1008.62	1009.43	0.81	0.039	AGAT_FAICP		
1009.43	**1011.30**	**(FGG) Felsic Gneiss Granitic, ( )**	D61682	1009.43	1010.16	0.73	0.038	AGAT_FAICP		
		FGG contains moderate muscovite content with fine to coarse grained examples. Sillimanite is also present in moderate amount being mainly fine grained. Moderate to strong potassic alteration via dissemination. Weak to moderate sericitic/chloritic alteration via pervasive flooding. Melt texture observed throughout. Thin sections of FGS present. Short pegmatitic veins present with moderate pyrite content. Overall unit is low in sulphide presence.	D61683	1010.16	1010.55	0.39	0.038	AGAT_FAICP		
			D61684	1010.55	1011.3	0.75	0.307	AGAT_FAICP		
1011.30	**1012.54**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61685	1011.3	1012.54	1.24	0.165	AGAT_FAICP		
		Strong disseminated sericitic and moderate potassic alteration throughout unit. Patchy sections of fine to coarse grained muscovite. Moderate strain intensity. Low sulphide content throughout. Small barren QV2 present at 1011.50m's. Weak porphyritic texture due to ocassional plag/k-spar phenocrysts which are poorly formed/sub rounded and range from 0.1 - 2.5mm in size.								
1012.54	**1016.00**	**(FGG) Felsic Gneiss Granitic, ( )**	D61687	1012.54	1013.06	0.52	0.1	AGAT_FAICP		
		FGG contains moderate muscovite content with fine to coarse grained examples. Sillimanite is also present in moderate amount being mainly fine grained. Intense potassic alteration via dissemination. Weak to moderate sericitic/chloritic alteration via pervasive flooding. Melt texture observed throughout. Thin sections of FGS present. Short tension/gash QV present from 1012.92-1012.96 crosscutting foliation. QV contains moderate amphibole and epidote presence but is low in sulphide content. Overall unit is low in sulphide presence. Short FGS-Mu contained from 1013.84-1014.08 with a lower contact of a48/b238. Thin pegmatitic veins present with moderate pyrite content.	D61688	1013.06	1013.84	0.78	0.068	AGAT_FAICP		
			D61689	1013.84	1014.89	1.05	0.093	AGAT_FAICP		
			D61690	1014.89	1016	1.11	0.083	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1016.00	**1016.48**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pegmatite contains a short lamprophyre 1016.17-1016.29 with an upper contact of a34/b7. Moderate amphibole content within pegmatite. Minor epidote presence. Moderate pyrite content within unit. Very coarse plagioclase crystals which are fragmented along cleavage and are being replaced via disseminated potassic alteration.	D61691	1016	1016.48	0.48	0.014	AGAT_FAICP		
1016.48	**1017.10**	**(FGG) Felsic Gneiss Granitic, ( )** FGG contains moderate muscovite content with fine to coarse grained examples. Sillimanite is also present in moderate amount being mainly fine grained. Unit is slightly coarser due to a moderate pegmatitic texture. Strong potassic alteration via dissemination. Melt texture observed throughout. Overall unit is low in sulphide presence.	D61693	1016.48	1017.1	0.62	0.145	AGAT_FAICP		
1017.10	**1017.58**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** FGS contains weak to moderate muscovite presence. Unit is moderately foliated. Thin veinlets of moderate sericitic alteration corsscut the unit at moderate angle to core axis. Moderately weak sulphide content with both pyrite and pyrrhotite present in similar quantities and trending with folation. Sulphides are patchy and proximal to biotite aggregates.	D61694	1017.1	1017.58	0.48	0.506	AGAT_FAICP		
1017.58	**1018.16**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Unit contains a moderate pegmatitic texture in the top 10cms of unit due to moderate quartz flooding. Strain intensity is moderate throughout. Garnet content is moderate and concentrated to one large aggregate at 1018.00ms. Sulphide content is high with both pyrrhotite and pyrite present with the former as the dominant variety Po 75/ Py 25. Sulphide content is present in large aggregates proximal to biotite patches and both trend with foliation fabric. Pyrite content within sulphide aggregates increase towards garnet patch. Quartz flooding/veining is moderate throughout.	D61695	1017.58	1018.16	0.58	0.3	AGAT_FAICP		
1018.16	**1018.78**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderate strain intensity throughout. Weak to moderate sericitic/potassic alteration via dissemination and stringers. Sulphide content is low. Weak pegmatitic texture due to weak quartz flooding. Moderate biotite content for FGS	D61696	1018.16	1018.78	0.62	0.096	AGAT_FAICP		
1018.78	**1019.73**	**(FGG) Felsic Gneiss Granitic, ( )** FGG contains low potassic alteration. Unit appears as an FGS but due to strong presence of muscovite and sillimanite FGG classification was implemented. Sillimanite is fine - med grained and trends with foliation. Muscovite is fine to medium grained and is disseminated/patchy (massive). Sulphide content is low. Unit contains both clotty and pegmatitic textures due to medium grained wispy/web of sillimanite and minor quartz	D61697	1018.78	1019.73	0.95	0.03	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
flooding.										
1019.73	**1022.08**	**(FGS) Felsic Gneiss Sedimentary, ( )** Unit contains strong sericitic alteration via stringers and dissemination. Potassic alteration is weak to moderate and present in the form of moderate angled veins and halos. Sulphide content within unit is low. Weak porphyritic texture observable around 1021.00m due to poorly formed qtz/plag phenocrysts. Ocassional muscovite specimen observable but weak.	D61699	1019.73	1021.09	1.36	0.041	AGAT_FAICP		
			D61700	1021.09	1022.08	0.99	0.04	AGAT_FAICP		
1022.08	**1022.60**	**(FGS, FGG) Felsic Gneiss Sedimentary, Felsic Gneiss Granitic, (FGSMU) Muscovite-rich FGS** Unit contains a short FGG from 1022.08-1022.20m. Moderate muscovite content ranging from fine-medium grained. Moderately weak sillimanite content. Low sulphide content. Moderate to strong potassic and chloritic alteration via dissemination and stringers.	D61701	1022.08	1022.6	0.52	0.038	AGAT_FAICP		
1022.60	**1026.46**	**(FGG) Felsic Gneiss Granitic, ( )** FGG contains moderate muscovite and sillimanite throughout. Strong to intense potassic alteration via dissemination. Moderate chloritic alteration via pervasive flooding. Sulphide content is low. Short QV contained from 1023.97-1024.10 also low sulphide content. QV contains a pegmatitic texture but k-spar crystals are poorly formed.	D61702	1022.6	1023.82	1.22	0.099	AGAT_FAICP		
			D61703	1023.82	1024.47	0.65	0.082	AGAT_FAICP		
			D61704	1024.47	1025.25	0.78	0.118	AGAT_FAICP		
			D61705	1025.25	1026.46	1.21	0.147	AGAT_FAICP		
1026.46	**1029.57**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** FGS contains weak muscovite/sillimanite presence. Moderate to strong sericitic/potassic alteration via dissemination and stringers. Weak porphyritic texture around 1027.00ms due to poorly formed qtz/plag phenocrysts. Sulphide content is low with the exception of one small patch of fine grained pyrite at 1028.40ms.	D61707	1026.46	1027.8	1.34	0.061	AGAT_FAICP		
			D61708	1027.8	1028.3	0.5	0.092	AGAT_FAICP		
			D61709	1028.3	1029.57	1.27	0.256	AGAT_FAICP		
1029.57	**1030.14**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS with poorly formed sub rounded phenocrysts ranging from 0.1 - 4.0mm's. Unit could be a gradual transition/gradational sediment to the lower contact QFP. Weak background amphibole content. Unit contains moderate strain intensity. Very low sulphide content.	D61710	1029.57	1030.14	0.57	0.021	AGAT_FAICP		
1030.14	**1033.17**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP contains fine to coarse grained qtz/feldspar (K/Na) phenocrysts ranging from sub rounded to sub euhedral. Moderate strain intensity. Strong background biotite. Weak to moderate amphibole content ranging from fine grained matrix component to medium grained specimens. Sulphide content throughout unit is low. Weak to moderate potassic alteration via halos and moderate angled veinlets.	D61711	1030.14	1031.5	1.36	0.04	AGAT_FAICP		
			D61713	1031.5	1032.43	0.93	0.169	AGAT_FAICP		
			D61714	1032.43	1033.17	0.74	0.047	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1033.17	**1036.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric with poorly formed qtz/feldspar(k-spar/plag) phenocrysts ranging from 0.1 - 4.0 mm's. Weak background amphibole content. Weak quartz flooding around 1034.00m's but is barren. Low sulphide content throughout unit.	D61715	1033.17	1034.67	1.5	0.029	AGAT_FAICP		
			D61716	1034.67	1036	1.33	0.029	AGAT_FAICP		
1036.00	**1036.46**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Short GBFG with moderate biotite content for litho type. Moderate strain intensity throughout. Sulphide content is low with minor pyrite trending with foliation. Low garnet presence.								
1036.46	**1039.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric with poorly formed qtz/feld sub rounded phenocrysts. Sericitic and potassic alteration range from moderate to strong via pervasive/selective pathways. Amphibole content is moderately low with fine grained examples within the matrix as well as medium grained specimens. Unit contains low sulphide content with pyrite as the dominant variety.	D61717	1036	1037.5	1.5	0.013	AGAT_FAICP		
			D61719	1037.5	1038.7	1.2	0.061	AGAT_FAICP		
			D61720	1038.7	1039.4	0.7	0.238	AGAT_FAICP		
1039.40	**1042.13**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained qtz/feld phenocrysts. Moderate amphibole content ranging from fine grained background content to massive specimens. Sulphide content is moderately low with fine grained pyrite trending with foliation. Moderate strain intensity throughout unit. Weak to moderate potassic alteration via halos and thin veinlets crosscutting at moderate angle to core axis. Moderate sericitic alteration also present in the form of halos.	D61721	1039.4	1040.83	1.43	0.121	AGAT_FAICP		
			D61722	1040.83	1042.13	1.3	0.05	AGAT_FAICP		
1042.13	**1044.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric due to poorly formed qtz/feld phenocrysts. Short section of quartz flooding trending along foliation with a moderate increase in pyrite content. Long section of moderate to strong sericitic/potassic alteration via pervasive/disseminated flooding along foliation pathway. Minor chlorotic alteration. Amphibole content is moderately low with fine to medium grained examples observable throughout.	D61723	1042.13	1043.14	1.01	0.131	AGAT_FAICP		
			D61724	1043.14	1044	0.86	0.039	AGAT_FAICP		
1044.00	**1044.60**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pegmatite contains medium to very coarse k-spar. Very low sulphide content with the ocassional pyrite. Moderate to strong selective chloritic alteration present along edges of k-spar.	D61725	1044	1044.6	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
1044.60	**1059.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderate dioritic fabric due to fine to medium grained sub rounded to rounded qtz/feld phenocrysts. Previously logged as DIOAM. Moderate to strong potassic alteration via selective/pervasive/disseminated flooding along foliation. Sulphide content is low with pyrite being the main constiuent. Moderate strain intensity. Amphibole content is moderate with speciemns ranging form fine-medium grained.	D61727	1044.6	1045.9	1.3	0.032	AGAT_FAICP		
			D61728	1045.9	1047.36	1.46	0.034	AGAT_FAICP		
			D61729	1047.36	1048.8	1.44	0.03	AGAT_FAICP		
			D61730	1048.8	1049.87	1.07	0.04	AGAT_FAICP		
			D61731	1049.87	1050.61	0.74	0.04	AGAT_FAICP		
			D61733	1050.61	1052.11	1.5	0.009	AGAT_FAICP		
			D61734	1052.11	1053.61	1.5	0.005	AGAT_FAICP		
			D61735	1053.61	1055	1.39	0.006	AGAT_FAICP		
			D61736	1055	1056.45	1.45	0.006	AGAT_FAICP		
			D61737	1056.45	1057.82	1.37	0.013	AGAT_FAICP		
			D61739	1057.82	1058.65	0.83	0.005	AGAT_FAICP		
			D61740	1058.65	1059.45	0.8	0.005	AGAT_FAICP		
1059.45	**1060.46**	**(FGC) Felsic Gneiss Conglomerate, ( )** FGC is polymictic and clast supported. Strong amphibole presence within matrix as well as amphibole clasts contained. Sulphide content is moderate with both pyrite and pyrrhotite present in similar quantites trending with foliation fabric. Minor quartz flooding along foliation plane but no increase in sulphide content.	D61741	1059.45	1060.46	1.01	0.067	AGAT_FAICP		
1060.46	**1060.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Short FGS contains a weak to moderate dioritic fabric due to poorly formed sub rounded qtz/feld phenocrysts. Low sulphide content. Moderate strain intensity.	D61742	1060.46	1060.85	0.39	0.046	AGAT_FAICP		
1060.85	**1062.08**	**(FGC) Felsic Gneiss Conglomerate, ( )** FGC is polymictic and clast supported. Strong amphibole presence within matrix as well as amphibole clasts contained. Sulphide content is moderate with both pyrite and pyrrhotite present in similar quantites trending with foliation fabric. Minor quartz flooding along foliation plane but no increase in sulphide content. Weak to moderate potassic and chloritic alteration via halos.	D61743	1060.85	1062.08	1.23	0.041	AGAT_FAICP		
1062.08	**1063.00**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Qtz 45% Plag 35% Bio 10%. Weak sulphide content with the ocassional fine grained pyrite.	D61744	1062.08	1063	0.92	0.029	AGAT_FAICP		
1063.00	**1085.55**	**(FGC) Felsic Gneiss Conglomerate, ( )** FGC is polymictic and clast supported. Strong amphibole presence within matrix as well as	D61745	1063	1064.4	1.4	0.097	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
amphibole clasts contained. Sulphide content is moderate with both pyrite and pyrrhotite present in similar quantites trending with foliation fabric. Minor quartz flooding along foliation plane but no increase in sulphide content. Weak to moderate potassic and chloritic alteration via halos. Short barren k-spar rich pegmatite contained from 1071.56-1071.77. Unit is very siliceous.			D61747	1064.4	1065.4	1	0.091	AGAT_FAICP		
			D61748	1065.4	1066.32	0.92	0.068	AGAT_FAICP		
			D61749	1066.32	1067.63	1.31	0.066	AGAT_FAICP		
			D61750	1067.63	1069	1.37	0.058	AGAT_FAICP		
			D61751	1069	1070.4	1.4	0.068	AGAT_FAICP		
			D61753	1070.4	1071.83	1.43	0.067	AGAT_FAICP		
			D61754	1071.83	1072.95	1.12	0.07	AGAT_FAICP		
			D61755	1072.95	1074	1.05	0.041	AGAT_FAICP		
			D61756	1074	1074.62	0.62	0.047	AGAT_FAICP		
			D61757	1074.62	1075.5	0.88	0.213	AGAT_FAICP		
			D61759	1075.5	1076.67	1.17	0.032	AGAT_FAICP		
			D61760	1076.67	1078	1.33	0.069	AGAT_FAICP		
			D61761	1078	1079.4	1.4	0.062	AGAT_FAICP		
			D61762	1079.4	1080.67	1.27	0.052	AGAT_FAICP		
			D61763	1080.67	1082.1	1.43	0.052	AGAT_FAICP		
			D61764	1082.1	1083.5	1.4	0.056	AGAT_FAICP		
			D61765	1083.5	1084.3	0.8	0.039	AGAT_FAICP		
			D61767	1084.3	1085.09	0.79	0.062	AGAT_FAICP		
			D61768	1085.09	1085.55	0.46	0.094	AGAT_FAICP		
1085.55	**1088.37**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61769	1085.55	1086.53	0.98	0.035	AGAT_FAICP		
Weak dioritic fabric due to poorly formed fine - medium grained qtz phenocrysts. Moderate to strong sericitic and potassic alteration via dissemination and selective along foliation planes. Two white short quartz veins present with moderate to strong chloritic alteration but are mainly barren. Low sulphide content overall with pyrite as the main constituent.			D61770	1086.53	1087.85	1.32	0.073	AGAT_FAICP		
			D61771	1087.85	1088.37	0.52	0.101	AGAT_FAICP		
1088.37	**1090.04**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	D61773	1088.37	1089.25	0.88	0.054	AGAT_FAICP		
Pegmatite contains numerous massive/coarse grained amphibole specimens. Quartz content is 50% and is grey/translucent. Mixture of k-spar/plag throughout. Moderate potassic/sericitic alteration via dissemination. Sulphide content is very low			D61774	1089.25	1090.04	0.79	0.005	AGAT_FAICP		
1090.04	**1093.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61775	1090.04	1091.28	1.24	0.05	AGAT_FAICP		
FGS contains a weak to moderate dioritic fabric with qtz phenocrysts ranging from 0.1 - 4.0mm's in size. Phenocrysts are poorly formed and are mainly sub rounded. Weak to strong potassic alteration through dissemination and lithological hosting of plagioclase. Moderate to strong chloritic and sericitic alteration through dissemination along foliation planes. Low sulphide content overall			D61776	1091.28	1092.54	1.26	0.013	AGAT_FAICP		
			D61777	1092.54	1093.3	0.76	0.053	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1093.30	**1093.70**	**(PEG) Pegmatite, ( )** Short k-spar rich pegmatite. Strong sericitic and moderate sericitic alteration via dissemination present. Upper and lower contacts are poorly defined. Unit crosscuts foliation and is parallel to core axis (tension gash). Sulphide content is very low.	D61779	1093.3	1093.7	0.4	0.029	AGAT_FAICP		
1093.70	**1104.11**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS has a moderate to strong porphyritic texture and may be logged as a diorite. However the phenocryts are poorly formed/range 0.1 - 6.0 mm's in size/are generally subrounded/contacts are not sharp/various amphibole pods present and the unit is highly transitional from fine grained sections lacking the porphyritc texture to coarse sections appearing as a QFP. Sulphide content is weak to moderate throughout with both pyrite and pyrrhotite present in similar quantites. Moderate to strong potassic/chloritic/sericitic alteration via dissemination along foliation planes as well as sporadic stringers. Variable background amphibole content.	D61780	1093.7	1094.75	1.05	0.04	AGAT_FAICP		
			D61781	1094.75	1096.16	1.41	0.095	AGAT_FAICP		
			D61782	1096.16	1097.63	1.47	0.067	AGAT_FAICP		
			D61783	1097.63	1099	1.37	0.022	AGAT_FAICP		
			D61784	1099	1100.24	1.24	0.017	AGAT_FAICP		
			D61785	1100.24	1101.63	1.39	0.037	AGAT_FAICP		
			D61787	1101.63	1103	1.37	0.025	AGAT_FAICP		
			D61788	1103	1104.11	1.11	0.054	AGAT_FAICP		
1104.11	**1104.92**	**(FGC) Felsic Gneiss Conglomerate, ( )** Unit could be an FGS with quartz flooding along foliation producing a conglomeratic appearance. However a couple potential clast determinations are present. Strong biotite presence. Background amphibole content is variable along with large amphibole pods observable. Sulphide content is moderately low with pyrrhotite and pyrite both present with the former being the dominant variety.	D61789	1104.11	1104.92	0.81	0.45	AGAT_FAICP		
1104.92	**1114.27**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric with poorly formed qtz phenocrysts ranging from 0.1 - 3.5 mm's in size being mainly sub rounded. Moderate strain intensity throughout. Moderate to strong sericitic alteration via halos/dissemination along foliation and sporadic stringers. Moderate to strong potassic/chloritic alteration via dissemination along foliation fabric. Several amphibole pods/aggregates present throughout unit (volcanic sedimentary basin). Very low sulphide content with both pyrite and pyrrhotite present with the former as the dominant variety. Lamprophyre contained from 1110.38-1110.60 with an upper contact of a20/b357. Short pegmatite present from 1111.37-1111.49m's but is barren.	D61790	1104.92	1106.4	1.48	0.041	AGAT_FAICP		
			D61791	1106.4	1107.84	1.44	0.014	AGAT_FAICP		
			D61793	1107.84	1109.22	1.38	0.079	AGAT_FAICP		
			D61794	1109.22	1110.6	1.38	0.04	AGAT_FAICP		
			D61795	1110.6	1111.83	1.23	0.021	AGAT_FAICP		
			D61796	1111.83	1113.25	1.42	0.03	AGAT_FAICP		
			D61797	1113.25	1114.7	1.45	0.076	AGAT_FAICP		
1114.27	**1114.70**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Short pegmatite ranging from fine to coarse grained. Qtz 40% K-spar/Plag 35% Bio 10%. Low sulphide content								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1114.70	**1116.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric with poorly formed qtz phenocrysts ranging from 0.1 - 3.5 mm's in size being mainly sub rounded. Moderate strain intensity throughout. Moderate to strong potassic/chloritic alteration via dissemination at lower contact proximal to UMD. Several amphibole thin slivers of amphibole crosscut the core at moderate angle to core axis. Very low sulphide content with both pyrite and pyrrhotite present with the former as the dominant variety.	D61799	1114.7	1116	1.3	0.018	AGAT_FAICP		
1116.00	**1116.61**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Lamprophyre contains fine to medium grained xenoliths and amygdules. Upper and lower chill margins at contacts present.	D61800	1116	1116.61	0.61	0.004	AGAT_FAICP		
1116.61	**1120.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a moderate to strong dioritic fabric with poorly formed qtz phenocrysts ranging from 0.1 - 3.5 mm's in size being mainly sub rounded. Unit exhibits sedimentary gradation. Moderate strain intensity throughout. Potassic alteration largely disseminated throughout and partially selective to quartz phenocrysts. Moderate to strong potassic/chloritic alteration via dissemination at lower contact with k-spar pegmatite. Amphibole content is fairly consitent throughout ranging from very fine - medium grained examples. Very low sulphide content with both pyrite and pyrrhotite present with the former as the dominant variety.	D61801	1116.61	1118	1.39	0.05	AGAT_FAICP		
			D61802	1118	1119.4	1.4	0.029	AGAT_FAICP		
			D61803	1119.4	1120.36	0.96	0.019	AGAT_FAICP		
1120.36	**1120.67**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Qtz 25%/K-spar 65%/Bio 4%. Moderate chloritic alteration via dissemination. Very low sulphide content.	D61804	1120.36	1120.67	0.31	0.011	AGAT_FAICP		
1120.67	**1121.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a moderate to strong dioritic fabric with poorly formed qtz phenocrysts ranging from 0.1 - 3.5 mm's in size being mainly sub rounded. Unit exhibits a sedimentary gradation. Moderate strain intensity throughout. Potassic alteration largely disseminated throughout and partially selective to quartz phenocrysts. Weak to moderate potassic/chloritic alteration via dissemination at lower contact with UMD. Amphibole content is fairly consitent throughout ranging from very fine - medium grained examples. Very low sulphide content with both pyrite and pyrrhotite present with the former as the dominant variety.	D61805	1120.67	1121.65	0.98	0.029	AGAT_FAICP		
1121.65	**1122.70**	**(UMD) UM\LAMP Dike, ( )** Lamprophyre contains numerous short sections of coarse grained FGS from previous unit. Very fine grained xenoliths and amygdales.	D61807	1121.65	1122.7	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
1122.70	**1125.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D61808	1122.7	1123.56	0.86	0.01	AGAT_FAICP		
		FGS contains a moderate to strong dioritic fabric with poorly formed qtz phenocrysts ranging from 0.1 - 3.5 mm's in size being mainly sub rounded. Unit exhibits a sedimentary gradation. Moderate strain intensity throughout. Numerous UMD-Lamps present throughout with fairly consistent contacts of a30/b352. Potassic alteration largely disseminated throughout and partially selective to quartz phenocrysts. Moderate to strong potassic/chloritic alteration via dissemination at contacts with UMD. Amphibole content is fairly consitent throughout ranging from very fine - medium grained examples. Very low sulphide content with both pyrite and pyrrhotite present with the former as the dominant variety. EOH=1125.00	D61809	1123.56	1125	1.44	0.008	AGAT_FAICP		EOH=1125.00
1125.00	**1138.87**	**(QFP) Quartz Feldspar Porphyry, ( )**	C66553	1125	1126	1	0.067	AGAT_FAICP		
		Same as previous lithology. QFP with coarse grained feldspar porphs within a fine to medium grained biotite qtz rich matrix. Large section of K alteration within the unit. Few small white QVS and LAMP dykes. Trace Py. Porphs are subrounded anhedral. Moderately to weakly foliated.	C66554	1126	1127	1	0.026	AGAT_FAICP		
			C66555	1127	1128	1	0.017	AGAT_FAICP		
			C66556	1128	1129	1	0.028	AGAT_FAICP		
			C66557	1129	1130	1	0.006	AGAT_FAICP		
			C66559	1130	1131	1	0.008	AGAT_FAICP		
			C66560	1131	1132	1	0.006	AGAT_FAICP		
			C66561	1132	1133	1	0.015	AGAT_FAICP		
			C66562	1133	1134	1	0.007	AGAT_FAICP		
			C66563	1134	1135	1	0.011	AGAT_FAICP		
			C66564	1135	1136	1	0.032	AGAT_FAICP		
			C66565	1136	1137	1	0.005	AGAT_FAICP		
			C66567	1137	1138	1	0.004	AGAT_FAICP		
			C66568	1138	1138.87	0.87	0.013	AGAT_FAICP		
1138.87	**1140.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C66569	1138.87	1140.25	1.38	0.15	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite rich FGS unti with a short gradual upper contact with QFP unit. Trace Py. Weak qtz porphs observed locally. Amp content varies slightly but prevasive in minor amounts. Sharp immediate lower contact with LAMP. Several very small veinlets with weak alteration halos.								
1140.25	**1141.15**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C66570	1140.25	1141.15	0.9	0.002	AGAT_FAICP		
		Fine to medium grained massive magnetic carbonate xenolith rich LAMP dyke with sharp upper and lower contacts. No sulfides.								
1141.15	**1142.86**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66571	1141.15	1142	0.85	0.088	AGAT_FAICP		
		Unit of FGS with brecciation and potassic and sericitic alteration throughout. Trace Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Sharp lower and upper contact with LAMP dykes. Almost no primary textures observed. Convoluted QF veining observed.			C66573	1142	1143	1	0.157	AGAT_FAICP		
1142.86	**1143.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Fine grained green LAMP dyke. Non magnetic. No sulfides.										
1143.00	**1151.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C66574	1143	1144	1	0.096	AGAT_FAICP		
Fine to coarse grained moderately foliated bio musc sil rich FGS unit. Nearly FGG in composition. Sill observed as patches or fine grained wisps. Musc observed as medium to coarse grained musc. Fine to medium grained biotite pervasively. Sharp gradual lower contact. Sharp immediate upper contact. Trace Py.			C66575	1144	1145	1	0.066	AGAT_FAICP		
			C66576	1145	1146	1	0.107	AGAT_FAICP		
			C66577	1146	1147	1	0.112	AGAT_FAICP		
			C66579	1147	1148	1	0.106	AGAT_FAICP		
			C66580	1148	1149	1	0.163	AGAT_FAICP		
			C66581	1149	1150	1	0.109	AGAT_FAICP		
			C66582	1150	1151.25	1.25	0.071	AGAT_FAICP		
1151.25	**1154.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C66583	1151.25	1152	0.75	0.033	AGAT_FAICP		
Fine to medium grained moderately foliated porphyritic FGS. Matric consists of fine grained bio and qtz. No observed sil or musc. No sulfides. Might be DiioP1. Medium graine subrounded anhedral plag porphs that are weakly strained. Sharp gradual upper contact and lower contacts. Nonmagnetic.			C66584	1152	1153	1	0.015	AGAT_FAICP		
			C66585	1153	1154	1	0.033	AGAT_FAICP		
1154.10	**1154.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Coarse grained PEG or melt within the weakly porphyritic biotite rich FGS. Diffuse biotite rich contacts. Medium euhedral biotite crystals within.										
1154.30	**1154.46**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Fine to medium grained moderately foliated porphyritic FGS. Matric consists of fine grained bio and qtz. No observed sil or musc. No sulfides. Might be DiioP1. Medium graine subrounded anhedral plag porphs that are weakly strained. Sharp gradual upper contact and lower contacts. Nonmagnetic.										
1154.46	**1154.92**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C66587	1154	1155	1	0.018	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Coarse PEG vein with coarse euhedral biottie crystals within. Diffuse biotite rich contacts. No sulfides. Might be melt. Non oriented core but could be a folded PEG with the upper PEG unit as their contacts converge.								
1154.92	**1155.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated porphyritic FGS. Matric consists of fine grained bio and qtz. No observed sil or musc. No sulfides. Might be DiioP1. Medium graine subrounded anhedral plag porphs that are weakly strained. Sharp gradual upper contact and lower contacts. Nonmagnetic.	C66588	1155	1155.4	0.4	0.039	AGAT_FAICP		
1155.40	**1156.10**	**(UMD) UM\LAMP Dike, ( )** Fine to medium grained magnetic xenolith and biotite rich LAMP dyke. Carb altered contacts. No sulfides. Several small white carb veinlets within the dyke.	C66589	1155.4	1156.1	0.7	0.004	AGAT_FAICP		
1156.10	**1159.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated weakly porphyritic biotite rich FGS. Small anhedral plag porphs pervasive with locally increases. Bio and qtz rich matrix. Trace Py. Sharp upper contact and short diffuse lower contact. Few small veinlets with weak to moderate alteration halos observed throughout.	C66590	1156.1	1157	0.9	0.028	AGAT_FAICP		
			C66591	1157	1158	1	0.018	AGAT_FAICP		
			C66593	1158	1159	1	0.098	AGAT_FAICP		
			C66594	1159	1159.54	0.54	0.211	AGAT_FAICP		
1159.54	**1160.30**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained weakly to moderately foliated FGG with minor musc and sill and weak augen texture. Trace Py. Two PEG veins within the unit. Short diffuse upper and lower contacts and internal contacts with the PEG veins within.	C66595	1159.54	1160.3	0.76	0.137	AGAT_FAICP		
1160.30	**1161.79**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated weakly porphyritic biotite rich FGS. Small anhedral plag porphs pervasive with locally increases. Bio and qtz rich matrix. Trace Py. Sharp upper contact and short diffuse lower contact. Few small veinlets with weak to moderate alteration halos observed throughout.	C66596	1160.3	1161.13	0.83	0.017	AGAT_FAICP		
			C66597	1161.13	1161.79	0.66	0.023	AGAT_FAICP		
1161.79	**1162.37**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained weakly to moderately foliated weak augen textured FGG. Trace PY. Odd upper contact orientation. Sharp gradual upper and lower contacts. Minor Musc and bio. Weakl K alteration within unit.	C66599	1161.79	1162.37	0.58	0.248	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1162.37	**1163.08**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained weakly to moderately foliated QFP with coarse subhedral fledspar porphs within a qtz fledspar bio fine to medium grained matirx. Trace Po and Py. Sharp upper gradual upper and lower contacts.	C66600	1162.37	1163.08	0.71	0.088	AGAT_FAICP		
1163.08	**1163.60**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Qtz rich PEG (melt?) vein. Sharp contaccts. Host rich bands/fragments within vein. No observable sulfides.	C66601	1163.08	1163.6	0.52	0.159	AGAT_FAICP		
1163.60	**1166.85**	**(FGG) Felsic Gneiss Granitic, ( )** Fine to coarse grained weakly to moderately foliated grey and pink FGG. Musc and sill pervasively with locally areas of increased content. Biotite throughout. Minor Po and Py. Medium K alteration locally. Few small veinlets with weak alteration halos. Sharp upper and lower contacts.	C66602	1163.6	1164	0.4	1.52	AGAT_FAICP		
			C66603	1164	1165	1	0.514	AGAT_FAICP		
			C66604	1165	1166	1	0.173	AGAT_FAICP		
			C66605	1166	1166.85	0.85	0.162	AGAT_FAICP		
1166.85	**1170.48**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained weakly to moderately foliated QFP. Coarse 5-15mm subhedral weakly strained white feldspar porhphs within a qtz feldspar biotite rich matrix. Trace Py. Sharp upper and lower contacts.	C66607	1166.85	1168	1.15	0.013	AGAT_FAICP		
			C66608	1168	1169	1	0.016	AGAT_FAICP		
			C66609	1169	1170	1	0.013	AGAT_FAICP		
			C66610	1170	1170.48	0.48	0.014	AGAT_FAICP		
1170.48	**1177.92**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium grained porphyritic moderately foliated biotite rich FGS. Similar to previous QFP unit but smaller porphs and coarser grained matrix and a sharp contact with upper QFP unit. Medium grained moderately strained subhedral plag porphs within a medium grained qtz feldspar biottie rich matrix. Trace Py. Few small qtz carb veinlets with weak alteration halos. Short gradual lower contact where siliceous alteration begins and is pervasive for several units of porphyritic biottie rich FGS and FGC.	C66611	1170.48	1171	0.52	0.045	AGAT_FAICP		
			C66613	1171	1172	1	0.023	AGAT_FAICP		
			C66614	1172	1173	1	0.017	AGAT_FAICP		
			C66615	1173	1174	1	0.006	AGAT_FAICP		
			C66616	1174	1175	1	0.017	AGAT_FAICP		
			C66617	1175	1176	1	0.02	AGAT_FAICP		
			C66619	1176	1177	1	0.017	AGAT_FAICP		
			C66620	1177	1177.92	0.92	0.009	AGAT_FAICP		
1177.92	**1179.42**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained strongly foliated siliceous FGC unit with short gradual upper and lowrer contacts. Silification is strong and glassy. Several clast terminations observed. Clasts are intermediate to felsic in compositon within a felsic qtz amp bio matrix. Minor fine diss Py and trace Po.	C66621	1177.92	1178.75	0.83	0.019	AGAT_FAICP		
			C66622	1178.75	1179.42	0.67	0.018	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1179.42	**1180.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained strongly foliated moderately porphyritic strongly silicified FGS (or DioP1?). Medium plag porphs are pervasive and strained along foliation. Silification is strong and glassy. Short gradual upper and lower contacts. Minor Po and Py.	C66623	1179.42	1180.25	0.83	0.017	AGAT_FAICP		
1180.25	**1186.03**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained strongly foliated siliceous FGC unit with short gradual upper and lowrer contacts. Silification is strong and glassy. Several clast terminations observed. Clasts are intermediate to felsic in compositon within a felsic qtz amp bio matrix. Minor fine diss Py and trace Po.	C66624	1180.25	1181	0.75	0.04	AGAT_FAICP		
			C66625	1181	1182	1	0.067	AGAT_FAICP		
			C66627	1182	1183	1	0.086	AGAT_FAICP		
			C66628	1183	1184	1	0.031	AGAT_FAICP		
			C66629	1184	1185	1	0.024	AGAT_FAICP		
			C66630	1185	1186.03	1.03	0.011	AGAT_FAICP		
1186.03	**1191.91**	**(QFP) Quartz Feldspar Porphyry, ( )** Grey moderately foliated QFP with large 2-8mm feldspar porphs within a biotite rich fine to medium grained foliated matrix. Porphs are subhedral and weakly strained along foliation. Several qtz carb veinlets are observed with weak to moderate K and carb/chl alteraion halos. Trace to minor fine diss Py. Short gradual upper and lower contacts.	C66631	1186.03	1187	0.97	0.012	AGAT_FAICP		
			C66633	1187	1188	1	0.009	AGAT_FAICP		
			C66634	1188	1189	1	0.006	AGAT_FAICP		
			C66635	1189	1190	1	0.011	AGAT_FAICP		
			C66636	1190	1191	1	0.008	AGAT_FAICP		
			C66637	1191	1191.91	0.91	0.007	AGAT_FAICP		
1191.91	**1194.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS. Locally banded (conglomeratic?) and porphyritic (DioP1 almost?). Varying textures gradually develope. Sharp upper and lower contacts. Feldspars porphs are medium to coarse grained and moderately strained along foliation with small tails and strain shadows showing dextral sense of shear. Minor fine diss Py.	C66639	1191.91	1193	1.09	0.014	AGAT_FAICP		
			C66640	1193	1194	1	0.012	AGAT_FAICP		
			C66641	1194	1194.65	0.65	0.004	AGAT_FAICP		
1194.80	**1195.05**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Light green small altered non magnetic LAMP with several very small carb veinlets and small fine to medium grained xenoliths. No sulfides. Sharp immediate upper and lower contacts.	C66642	1194.65	1195.3	0.65	0.004	AGAT_FAICP		
1195.05	**1195.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Minor to trace Py. Strongly altered								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
resulting in banding. Several small carb veinlets with moderate alteration halos observed within the small unit between two green xenolith LAMP dykes.										
1195.36	**1196.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained green non magnetic LAMP dyke with several small carb veinlets along the upper and lower contacts. Sharp immediate contacts. No sulfides. Large coarse rounded xenoliths within the middle of the dyke.	C66643	1195.3	1196.3	1	0.005	AGAT_FAICP		
1196.25	**1200.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS. Locally weakly banded (conglomeratic?) and moderately porphyritic (DioP1 almost?). Varying textures gradually develope. Sharp immediate upper and lower LAMP contacts. Feldspars porphs are medium to coarse grained and moderately strained along foliation. Minor fine diss Py. Few small qtz carb veinlets with weak to moderate alteration halos.	C66644	1196.3	1197	0.7	0.008	AGAT_FAICP		
			C66645	1197	1198	1	0.01	AGAT_FAICP		
			C66647	1198	1199	1	0.007	AGAT_FAICP		
			C66648	1199	1200	1	0.008	AGAT_FAICP		
			C66649	1200	1200.54	0.54	0.005	AGAT_FAICP		
1200.54	**1201.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained green altered non magnetic LAMP dyke with no sulfides and minor xenoliths. Several small carb veinlets within the vein. Minor alteration halo around the LAMP.	C66650	1200.54	1201	0.46	0.002	AGAT_FAICP		
1201.00	**1207.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich FGS. Locally moderately porphyritic (DioP1 almost?). Varying textures gradually develope. Sharp immediate upper LAMP contact. Short gradual lower contact. Feldspars porphs are medium to coarse grained and moderately strained along foliation. Minor fine diss Py. Few small qtz carb veinlets with weak to moderate alteration halos.	C66651	1201	1202	1	0.008	AGAT_FAICP		
			C66653	1202	1203	1	0.015	AGAT_FAICP		
			C66654	1203	1203.7	0.7	0.014	AGAT_FAICP		
			C66655	1203.7	1204.1	0.4	0.008	AGAT_FAICP		
			C66656	1204.1	1205	0.9	0.015	AGAT_FAICP		
			C66657	1205	1206	1	0.009	AGAT_FAICP		
			C66659	1206	1207.38	1.38	0.011	AGAT_FAICP		
1207.38	**1211.88**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts.	C66660	1207.38	1208	0.62	0.028	AGAT_FAICP		
			C66661	1208	1209	1	0.043	AGAT_FAICP		
			C66662	1209	1210	1	0.024	AGAT_FAICP		
			C66663	1210	1211	1	0.053	AGAT_FAICP		
			C66664	1211	1212	1	0.088	AGAT_FAICP		
1211.88	**1212.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained moderately foliated grey FGS with weak to moderate porphyritic texture throughout. Fine to medium grained biotite defines foliation. Trace to minor fine diss Py. Short gradual upper and lower contacts. Could possibly be a DioP1 unit.								
1212.40	**1215.25**	**(FGC) Felsic Gneiss Conglomerate, ( )**	C66665	1212	1213	1	0.053	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts.	C66667	1213	1214	1	0.044	AGAT_FAICP		
			C66668	1214	1215.25	1.25	0.035	AGAT_FAICP		
1215.25	**1217.47**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66669	1215.25	1216	0.75	0.015	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS with weak to moderate porphyritic texture throughout. Fine to medium grained biotite defines foliation. Trace to minor fine diss Py. Short gradual upper and lower contacts. Could possibly be a DioP1 unit.	C66670	1216	1217.47	1.47	0.016	AGAT_FAICP		
1217.47	**1222.60**	**(FGC) Felsic Gneiss Conglomerate, ( )**	C66671	1217.47	1218	0.53	0.037	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts.	C66673	1218	1219	1	0.038	AGAT_FAICP		
			C66674	1219	1220	1	0.108	AGAT_FAICP		
			C66675	1220	1221	1	0.024	AGAT_FAICP		
			C66676	1221	1222	1	0.023	AGAT_FAICP		
			C66677	1222	1223	1	0.019	AGAT_FAICP		
1222.60	**1222.83**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Small porphyritic QFP unit slightly oblique to S1. Large plag porphss 4-10mm. Fine trace diss Py.								
1222.83	**1223.93**	**(FGC) Felsic Gneiss Conglomerate, ( )**	C66679	1223	1223.93	0.93	0.034	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts.								
1223.93	**1226.37**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66680	1223.93	1225	1.07	0.022	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS with weak to moderate porphyritic texture throughout. Fine to medium grained biotite defines foliation. Trace to minor fine diss Py. Short gradual upper and lower contacts. Could possibly be a DioP1 unit.	C66681	1225	1226.37	1.37	0.101	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1226.37	**1231.06**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts.	C66682	1226.37	1227	0.63	0.036	AGAT_FAICP		
			C66683	1227	1228	1	0.024	AGAT_FAICP		
			C66684	1228	1229	1	0.044	AGAT_FAICP		
			C66685	1229	1230	1	0.03	AGAT_FAICP		
			C66687	1230	1231	1	0.033	AGAT_FAICP		
1231.06	**1231.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS with weak to moderate porphyritic texture throughout. Fine to medium grained biotite defines foliation. Trace to minor fine diss Py. Short gradual upper and lower contacts. Could possibly be a DioP1 unit.	C66688	1231	1232	1	0.052	AGAT_FAICP		
1231.50	**1231.83**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts.	C66688	1231	1232	1	0.052	AGAT_FAICP		
1231.83	**1232.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Small dark grey massive xenolith bearing magnetic carbonate rich LAMP dyke. No sulfides.								
1232.00	**1232.96**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained weakly to moderately foliated intermediate amp with fin diss Py and sharp contacts.	C66689	1232	1233	1	0.013	AGAT_FAICP		
1232.96	**1234.93**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts.	C66690	1233	1234	1	0.085	AGAT_FAICP		
			C66691	1234	1234.93	0.93	0.077	AGAT_FAICP		
1234.93	**1235.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS with weak to moderate porphyritic texture throughout. Fine to medium grained biotite defines foliation. Trace to minor fine diss Py. Short gradual upper and lower contacts. Could possibly be a DioP1 unit.	C66693	1234.93	1235.83	0.9	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit
1235.83	**1270.15**	**(FGC) Felsic Gneiss Conglomerate, ( )**
		Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts. Brecciated section at 1261.7 and 1266.3M. Alteration around the brecciated areas. Local passive folding observed around boundinaged QVs. Short sections of Fg FGS observed locally.

SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
C66694	1235.83	1237	1.17	0.149	AGAT_FAICP		
C66695	1237	1238	1	0.083	AGAT_FAICP		
C66696	1238	1239	1	0.06	AGAT_FAICP		
C66697	1239	1240	1	0.046	AGAT_FAICP		
C66699	1240	1241	1	0.027	AGAT_FAICP		
C66700	1241	1242	1	0.035	AGAT_FAICP		
C66701	1242	1243	1	0.005	AGAT_FAICP		
C66702	1243	1244	1	0.011	AGAT_FAICP		
C66703	1244	1245	1	0.019	AGAT_FAICP		
C66704	1245	1246	1	0.006	AGAT_FAICP		
C66705	1246	1247	1	0.021	AGAT_FAICP		
C66707	1247	1248	1	0.055	AGAT_FAICP		
C66708	1248	1249	1	0.004	AGAT_FAICP		
C66709	1249	1250	1	0.021	AGAT_FAICP		
C66710	1250	1251	1	0.026	AGAT_FAICP		
C66711	1251	1252	1	0.028	AGAT_FAICP		
C66713	1252	1253	1	0.028	AGAT_FAICP		
C66714	1253	1254	1	0.032	AGAT_FAICP		
C66715	1254	1255	1	0.01	AGAT_FAICP		
C66716	1255	1256	1	0.093	AGAT_FAICP		
C66717	1256	1257	1	0.038	AGAT_FAICP		
C66719	1257	1258	1	0.034	AGAT_FAICP		
C66720	1258	1259	1	0.033	AGAT_FAICP		
C66721	1259	1260	1	0.036	AGAT_FAICP		
C66722	1260	1261	1	0.052	AGAT_FAICP		
C66723	1261	1261.6	0.6	0.038	AGAT_FAICP		
C66724	1261.6	1262.2	0.6	0.032	AGAT_FAICP		
C66725	1262.2	1263	0.8	0.052	AGAT_FAICP		
C66727	1263	1264	1	0.026	AGAT_FAICP		
C66728	1264	1265	1	0.007	AGAT_FAICP		
C66729	1265	1266	1	0.009	AGAT_FAICP		
C66730	1266	1267	1	0.025	AGAT_FAICP		
C66731	1267	1268	1	0.023	AGAT_FAICP		
C66733	1268	1269	1	0.034	AGAT_FAICP		
C66734	1269	1270	1	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1270.15	**1270.51**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Green non magnetic LAMP dyke with carb veinlets within. Sharp immediate contacts. No sulfides.	C66735	1270	1271	1	0.027	AGAT_FAICP		
1270.51	**1273.28**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp immediate upper and lower contacts.	C66736	1271	1272	1	0.017	AGAT_FAICP		
			C66737	1272	1273	1	0.033	AGAT_FAICP		
1273.28	**1273.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Non magnetic green LAMP no sulfides.	C66739	1273	1274	1	0.022	AGAT_FAICP		
1273.70	**1278.00**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated grey FGC. Bio and Amp varies within matrix and stretched clasts. Trace to minor diss fine Py. Several small PEG and boundinaged QVs throughout. Sharp upper and lower contacts. EOH = 1278M	C66740	1274	1275	1	0.025	AGAT_FAICP		
			C66741	1275	1276	1	0.012	AGAT_FAICP		
			C66742	1276	1277	1	0.018	AGAT_FAICP		
			C66743	1277	1278	1	0.009	AGAT_FAICP		eoh

Newmont

Geological Description with Assays

Hole ID : **BL19-01087**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	0.44	Easting :	334115.4507	Logged By :	Brad.Clarke
Dip :	-73.801	Northing :	5302931.6132	Logged By 2 :	Tyler.Compton
Length :	1368	Elevation :	435.6132	Log Start :	2-May-2019
Drill Start :	28-Apr-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	29-May-2019
Drill Completed :	27-May-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Hole was on the same set up at BL19-01086 with a shallower dip angle. The drill intersected similar lithologies as 1086 and went 200m deeper. A conglo package was observed (upper liimb) followed by a FGS (DioAM) unit rich in bio and Amp with local conglomeratic texture and weak to moderate foliation intensity. Below the large thick FGS unit another conglo unit (lower limp was intersected which is thought to be the lower limb of a large scale F1 antiform fold. At 1175m FGG was intersected followed by a thick GBFG unit. Several fine and coarse gold flecks were observed through a wide portion of the GBFG followed by a grey glassy QV1 vein slightly above the first FW AMP unit. Footwall unit consists of interlayered FW AMP and porphyritic FGS. Based on observations 1086 was extended. EOH=1368m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**17.30**	**(OB) Overburden, ( )**								
17.30	**21.39**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; thin AMP layer at 21.20-31.39; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and qtz/carb strigers throughout								
21.39	**22.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		rel mas only weakly fol grey fine to med FGS; with weak fine to med bio and am; very weak very fine dissem any traces of py; upper contact ground end								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
22.00	**47.39**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; AMP sections strong med am at 42.4-42.67; localized vuggy sections with epid filling/coating; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and qtz/carb strigers throughout								
47.39	**48.22**	**(FGS) Felsic Gneiss Sedimentary, ( )** 'porphyritic' (DIO like) FGS with grad contacts to FGC above and below (micro-conglomerate?); fine to coarse; grey; mod fol; mod abund med to coares fsp 'por' that often show diffuse margins; moderately strong fine to med am; weak fine to med bio; very weak very fine traces of anh py; upper contact grad								
48.22	**50.26**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and qtz/carb strigers throughout; upper contact grad								
50.26	**50.89**	**(DIA) Diabase Dike, ( )** fine mas grey DIA with abund white angular med fsp phenocrysts up to 3mm in size; sharp upper contact; no line								
50.89	**52.07**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and qtz/carb strigers throughout; upper contact grad								
52.07	**54.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** 'porphyritic' (DIO like) FGS with grad contacts to FGC above and below (micro-conglomerate?); fine to coarse; grey; mod fol; mod abund med to coares fsp 'por' that often show diffuse margins; moderately strong fine to med am; weak fine to med bio; very weak very fine traces of anh py; upper contact grad								
54.50	**76.80**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

qtz/carb strigers throughout; upper contact grad

76.80 77.75 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

massive dark grey UMD; freq mm-sized semi-ang carb patches; freq med flakes of bio; upper contact sharp

77.75 87.08 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and qtz/carb strigers throughout; upper contact sharp; thin max 2cm thick not-fol-parallel bands of Lamp close to the upper dyke contact to 78.2 and one 0.5cm thick non-fol parallel lamp band at 79.69-79.70; increased often irreg pinching qtz-stringers and patches/lenses btw 78.68 and 81.65

87.08 87.85 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

massive dark grey UMD; freq mm-sized semi-ang carb patches; freq med flakes of bio; upper contact sharp

87.85 96.74 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and qtz/carb strigers throughout; upper contact sharp; multiple thin max 6cm thick not-fol-parallel bands at times irreg of Lamp at 88.97 to 90.10 and at 92.2-92.26

96.74 96.78 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse weakly to mod fol QFP; grey with pink med to coares pinkish fsp; weak but sharp contacts; weak fine to med bio; weak traces of fine dissem anh py

96.78 100.40 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse grey mod fol am-rich Conglo; polymikt with felsic clasts and amphibolitic clasts; the latter containing fine to med am; weak fine to med fine to med bio; generally rare thin qtz stringers; weak traces of fine anh dissem py; weak Ksp/Ser halos along qtz and qtz/carb strigers throughout; upper contact sharp

100.40 117.95 (QFP) Quartz Feldspar Porphyry, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

fine to coarse weakly to mod fol QFP; grey with pink med to coares pinkish fsp; weak but sharp contacts; weak fine to med bio; weak traces of fine dissem anh py; slightly vuggy partic along some of the fracts

117.95 133.27 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated FGC. Conglomeratic texture observed throughout with clasts consisiting of mafic Amp rich clasts and intermediate Bio rich clasts within a felsic to intermediate grey fine to medium grained matrix. Clasts are stretched severly resulting in a banded look. Trace fine Py observed. Several small QVs within unit. Short gradual upper contact and sharp immediate lower contact with a LAMP dyke.

133.27 135.27 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained massive magnetic dark grey LAMP dyke. No sulfides.

135.27 138.20 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated FGC. Conglomeratic texture observed throughout with clasts consisiting of mafic Amp rich clasts and intermediate Bio rich clasts within a felsic to intermediate grey fine to medium grained matrix. Clasts are stretched severly resulting in a banded look. Trace fine Py observed. Sharp upper and lower contacts with LAMP.

138.20 140.26 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained massive moderately magnetic LAMP dyke with minor small xeinoliths and several small carb veinlets. No sulfides.

140.26 150.63 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated conglomeratic FGS. Trace diss Py pervasively. Strained clasts are observed as banding. Rarely terminations are observed. Strong passive folding is observed along PEG contacts. Mineral lineations observed when core is broken along foliation. Sharp upper and lower contacts.

150.63 151.65 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse pink and white massive PEG vein.

151.65 152.84 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated conglomeratic FGS. Trace diss Py

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

pervasively. Strained clasts are observed as banding. Rarely terminations are observed. Strong passive folding is observed along PEG contacts. Sharp upper contact and diffuse lower contact.

152.84 156.41 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Medium grained biotites define foliatoin. Several small QF veins with the unit and one boundinaged/folded QV. Local clasts observed suggest it is possibly a clast poor section of FGC. No sulfides observed. Sharp diffuse contacts.

156.41 161.52 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated conglomeratic FGS. Trace diss Py pervasively. Strained clasts are observed as banding. Rarely terminations are observed. Mineral lineations observed when core is broken along foliation. Sharp upper and lower contacts. Several small QF veins observed with unit.

161.52 164.29 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermediate AMP. Amp and plag make up most of the unit with minor biotite. Several small to very small white veinlets parallel to foliation throughout. Trace fine diss sulfides. stretched Amp minerals observed along foliations. Sharp upper and low contacts.

164.29 170.36 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic QFP unit. Sharp upper and lower contacts. No sulfides observed. Large 5-8mm plag porphs observed pervasively.

170.36 171.26 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermediate AMP. Amp and plag make up most of the unit with minor biotite. Trace fine diss sulfides. Sharp upper and lower contacts.

171.26 171.88 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS with trace diss fine Py and a gradual upper contact and a sharp low angle lower contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

171.88 172.75 (PEG) Pegmatite, ( )

Coarse to very coarse pink low angle PEG vein. Pink K spars throughout.

172.75 174.92 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic QFP unit. Sharp upper and lower contacts. No sulfides observed. Large 5-8mm plag porphs observed pervasively.

174.92 175.45 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse to very coarse pink PEG vein.

175.45 181.04 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic QFP unit. Sharp upper and lower contacts. No sulfides observed. Large 5-8mm plag porphs observed pervasively. Two small QV2 veins at 180.3m.

181.04 181.90 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse to very coarse pink PEG vein. Contacts sub parallel to foliation. Coarse biotite within.

181.90 184.40 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic QFP unit. Sharp upper and lower contacts. No sulfides observed. Large 5-8mm plag porphs observed pervasively. Sericite altered section from 182.75m to 183.25m.

184.40 185.92 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained massive magnetic dark grey LAMP with coarse xeinoliths locally and spots of carbonate throughout. One small carb vein within the middle of the dyke. No sulfides.

185.92 192.84 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic QFP unit. Sharp upper and lower contacts. No sulfides observed. Large 5-8mm plag porphs observed pervasively. Sericite altered section from 182.75m to 183.25m. Porphyritic texture is weak locally.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

192.84 197.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermediate AMP. Amp and plag make up most of the unit with minor biotite. Trace fine diss sulfides. Sharp upper and lower contacts.

197.00 197.43 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained massive weakly magnetic dark grey LAMP dyke. No sulfides.

197.43 198.51 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermediate AMP. Amp and plag make up most of the unit with minor biotite. Trace fine diss sulfides. Sharp upper and lower contacts.

198.51 202.18 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained moderately foliated grey FGS. Weakly porphyritic locally. Upper contact is defined by a small LAMP dyke. Trace diss fine sulfides.

202.18 202.85 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained dark grey weakly magnetic LAMP with very large rounded xeinoliths. No sulfides. Sharp contacts.

202.85 203.53 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS with sharp upper contact and a short diffuse lower contact. Increased Amp compared to usual.

203.53 205.28 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermediate AMP. Amp and plag make up most of the unit with minor biotite. Trace fine diss sulfides. Short diffuse upper and lower contacts.

205.28 223.52 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated conglomeratic FGS. Trace diss Py pervasively. Strained clasts are observed as banding. Rarely terminations are observed.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Several small deformed QV and QF veins. One small LAMP at 211.25 to 211.58m										
223.52	**226.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** dark grey massive quartz-feldspar-biotite metasediment with small quartz-pyrite-biotite vein from 223.77 m to 223.86 m depth; hairline quartz-carbonate veinlets with trace sericitic alteration haloes								
226.10	**232.32**	**(FGC) Felsic Gneiss Conglomerate, ( )** medium-grained grey and green conglomerate with strong clast stretching defined by pseudobanding; intermittent late quartz-carbonate veinlets with weak to moderate potassic and sericitic alteration envelopes; primarily felsic biotite-rich and occasional mafic amphibole-rich clasts along with some quartz clasts; granitic pegmatite and an amphibolite band cut lower part of unit; amphibole band may be a large amphibole-rich clast								
232.32	**232.68**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey fine to medium-grained quartz-feldspar-biotite unit defined by anhedral splotchy quartz phenocrysts likely small low-temperature melt patches; very minor disseminated pyrite								
232.68	**240.79**	**(FGC) Felsic Gneiss Conglomerate, ( )** grey and green fine to medium-grained unit composed of well-stretched primarily felsic and lesser mafic clasts defined by pseudobanding and varying proportions of biotite and amphibole in the quartzofeldspathic groundmass; occasional pink quartzofelspathic bands; sporadic ultramafic lamprophyre dykelets less than 5 cm wide crosscut core at the same 25 to 30 degree angle as late quartz-carbonate veinlets with sericitic-potassic alteration envelopes; two 20 to 25 cm wide amphibolite bands or clasts in unit								
240.79	**242.21**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey FGS with moderate melt fabric defined by blotchy quartz phenocrysts; pink overtone to unit as a result of invasive quartz-carbonate veinlets with potassic and sericitic alteration haloes preferentially alterating the quartz phenocrysts as opoosed to the more resilient fine-grained quartz-feldspar-biotite groundmass								
242.21	**246.08**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey and green FGS with varying proportions of biotite and amphibole defined by abundant coarse quartz phenocrysts; lower and upper metre of unit grade into FGS as phenocrysts fade out and grain size decreases; patchy strong potassic background								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alteration and sporadic quartz-carbonate veinlets with trace sericitic and weak potassic haloes; occasional one to two cm wide quartz melt bands or small veinlets								
246.08	**247.68**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		massive grey and black carbonate-phenocrystic fine to medium-grained ultramafic lamprophyre dyke with sharp quenched contacts and occasional conglomerate intervals where the lamprophyre contact meanders off the drill core at low angle								
247.68	**249.39**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		grey very fine to fine-grained quartz-feldspar-biotite unit with sparse amphibole-rich bands or clasts; thinly-stretched felsic and lesser mafic clasts throughout unit defined by tight pseudobanding; small 20 cm lamprophyre dykelet at 248.85 m depth with similar orientation to other dykes; trace sericitic alteration envelopes on crosscutting quartz-carbonate hairline veinlets and one quartzofeldspathic band near lower end of unit								
249.39	**251.96**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		fine to medium-grained grey and black ultramafic intrusive lamprophyre dyke with sharp quenched contacts at low angle to core long axis; one small FGS interval where dyke wanders away from core; abundant carbonate phenocrysts								
251.96	**253.83**	**(FGC, FGS) Felsic Gneiss Conglomerate, Felsic Gneiss Sedimentary, ( )**								
		dark grey fine-grained clast-poor conglomerate defined by low abundance of felsic and quartz clasts stretched to the point they appear as pseudobanding; conglomeratic unit followed by sharp unaltered contact with lower quartz-porphyritic FGS layer; few quartz phenocrysts and background pinkish potassic alteration of groundmass in FGS								
253.83	**256.09**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		fine to medium-grained grey and black carbonate-phenocrystic intrusive ultramafic lamprophyre dyke with knife-sharp contacts; no angle on upper contact due to irregular nature								
256.09	**258.27**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		dark grey fine to medium-grained conglomeratic unit with stretched clasts indicated by pesudobanding; intermittent sections of more massive FGS sediment without clasts in unit and a massive quartz clast that could also be a small boudinaged quartz veinlet; some amphibole present and quartz-carbonate veinlets with potassic-sericitic alteration envelopes								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
258.27	**258.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		pink and grey granitic pegmatite composed of very coarse pink feldspars and coarse patchy interstitial quartz grains; diffuse disseminated bands of engulfed quartz-feldspar-biotite wallrock near lower contact and undulating wallrock-incorporative contacts								
258.90	**259.58**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		medium to coarse-grained grey unit with apparent tight banding defined by elongation of clasts; quartzofeldspathic felsic clasts and more mafic amphibole and biotite-rich clasts; background pervasive potassic alteration								
259.58	**261.31**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		medium-grained pink and grey FGS with quartz-dioritic fabric defined by 1 to 3 mm abundant quartz phenocrysts; strong potassic and moderate sericitic alteration envelopes on crosscutting quartz-carbonate veinlets as well as background potassic alteration preferentially visible in quartz phenocrysts; biotite and amphibole present								
261.31	**272.77**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		medium to coarse-grained moderately-strained conglomerate indicated by alternating amphibole-biotite rich mafic clasts and quartzofeldspathic felsic clasts; grey and green unit with pseudobanding as a result of elongated clasts; some quartzofeldspathic and pegmatitic bands that may be clasts but no terminations found; weak potassic and sericitic envelopes on quartz-carbonate veinlets								
272.77	**277.00**	**(FGS, QFP) Felsic Gneiss Sedimentary, Quartz Feldspar Porphyry, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		fine-grained quartzofeldspathic groundmass with minor biotite and amphibole grains distinguished by coarse quartz phenocrysts much more dominant below 275.4 m depth hence the unit separation; both appear to be metasediments with patchy potassic alteration throughout litho as well as in quartz-carbonate vein envelopes alongside sericite; one small quartz vein broken out in veining and point structure tabs; from 273 to 273.3 m depth there is a mint green and red alteration zone of what appears to be fuchsite-chlorite and potassic-sericitic alteration; occasional dark green mafic amphibolite bands or dykes sometimes showing greyish altered contacts								
277.00	**281.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Grey FGS with 20% qz-fspar porphs; weakly elongate and K altered; aligned with foliation. Much of this unit is intensely K-Hem altered; dm scale segments <50cm; distinct margins concordant with foliation; moderate associated silicification. 10% biot; fine xls aligned and								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		organized into very fine laminae; imparts foliation. Minor dissem amp. Trace dissem Po; very fine; often loosely organized into narrow colonies aligned with fol. No significant veining; minor sub-mm scale qz-cb stringers; chaotic.								
281.60	**286.03**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Characterized by mm scale laminae (stretched clasts?). Laminae comprise intercalated beds of qz-fpar>biot/amp; <2cm true thickness. Elevated biot and amp relative to prev FG. Medium to coarse euhedral biot comingled with fine amp; organized into laminae; combined 30% of litho. Trace fine dissem sulfs as in previous unit. No significant alteration; minor K alt in occ minor cm scale qz-fspar veins; concordant. Comprises dm scale concordant qz-fspar vein with minor Po-Py clots; mm scale; 1%.								
286.03	**287.25**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
		PEG comingled with minor FGS. PEG is amorphous; high angle to foliation. Hosts very coarse euhedral biot porphs; cm scale <2cm. Composed of qz with lesser weakly K altered plag. Trace Po. Typical FGS; qz-fpsar groundmass with minor biot/amp porphs; aligned; imparts fol.								
287.25	**303.22**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		FGC as previous. Occasional cm scale planar AMP beds; <3cm true thickness. Low vein density overall; occ concordant barren qz veins <5cm. Rare dm scale mottled qz-fspar vei; <20cm; no vis sulfs.								
303.22	**304.45**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
		PEG with gradational upper and lower contacts. Very qz-rich; cm scale segments of 100% qz; possible later vein. Clotty; segmented morphology; comingled with host rock. Comprises dm scale AMP mass. Minor clotty Py; mm to cm scale <2cm; subhedral. Weak to moderate pink K alt selectively altering plag.								
304.45	**306.40**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		FGC as previous. Laminated; mm to cm scale laminae <2cm; planar.								
306.40	**309.49**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		20% mm scale dissem qz eyes; sub round; <1cm. Coarse euhedral biot; mm scale; alignment imparts fol. Minor qz-fspar veining; deformed; amoeboid. Trace dissem Py; fine subhedral xls. Minor K alt present in vein halos.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

309.49 310.30 (FGC) Felsic Gneiss Conglomerate, ( )

FGC as previous. Strong ep-silic alteration halo proximal to contact with LAMP. Elevated Py proximal to LAMP; mm scale subhedral discrete dissem xls.

310.30 310.82 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine porphyritic texture; sub mm scale carb-plag. Dark grey-brown groundmass. Strongly magnetic. No vis sulfs.

310.82 313.95 (FGC) Felsic Gneiss Conglomerate, ( )

FGC as previous. Occasional minor cm scale PEGs; gradational margins; approx fol concordant. Rare intensely altered segments; distinct margins; fol concord; pink-green; K-epidote-ser assemblage.

313.95 315.32 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous. Weak foliation.

315.32 317.45 (FGC) Felsic Gneiss Conglomerate, ( )

FGC as previous. Occ qz-cb veinlets; sub parallel to fol; narrow strong K-Ser alt halos. Minor dissem Py.

317.45 321.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Granitoid appearance. Equigranular to weakly porphyroblastic. 20% qz-fspar prophs; mm scale <5mm; subround. 20% mm scale biot porphs; elongate; alignment imparts fol. Minor veining; qz-fspar; amoeboid/deformed. Locally intense K-Ser alt assemblage; dm scale; distinct margins. Trace dissem sub mm Py.

321.30 322.50 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Comingled qz-rich PEG with FGS. Latter hosts 30% coarse biot porphs. Former is mottled pink and white; coarse qz-plag amalgam with significant K alt; 10% coarse biot porphs. Diffuse/gradational upper and lower contacts. Trace dissem Py.

322.50 323.20 (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								
		FGS with 20% subround qz-fsp eyes; <1cm; weakly elongate; aligned with foliation. 20-30% fine biot; alignment imparts foliation. Trace fine dissem Py. Trace pink K alt evident in eyes.								
323.20	**326.95**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
		Qz-rich PEG comingled with FGS. Decimeter scale segments are >90% qz; possible veins but lacking distinct contacts. PEG and FGS as previous. Trace dissem sulfs. Prominent selective alteration of fspar throughout; strong.								
326.95	**333.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Varying texture; QZE/porphyritic to fine-equigranular. >30% QZE; weakly elongate; aligned with foliation. 20% fine biot throughout; alignment imparts foliation. No significant veining; occ mm scale veinlets with narrow ser-K alt halos. Trace fine dissem Py throughout. Interval begins with minor segment of bedded/laminated FGC; exhibits well preserved F1 fold.								
333.40	**333.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine grained equigranular AMP. Dark grey-green. Fine foliation. Occ fol concordant veins <1cm; planar; qz-fsp; barren. Trace fine dissem Py throughout.								
333.80	**336.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Mostly equigranular with QZE-bearing segments. Weakly elevated amp relative to previous FGS; 15%; fine; dissem. Alignment of fine biot imparts foliation. Trace fine dissem Py. Occ yellow-pink cm scale bands of K-Ser alt; diffuse margins. No significant veining; occ concordant pegmatitic veins; <5cm.								
336.50	**336.85**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		AMP as previous.								
336.85	**339.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		FGS as previous. QZE becoming finer. Rare pegmatitic veins; <10cm; barren; concordant. Weak pervasive K alt throughout; evident in QZE. Trace dissem Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

339.25 339.65 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Mottled red-white qz-fsp vein with strong K-hem alt. Minor Ser alt controlled by xls boundaries; affecting fspar and biot porhs. No vis sulfs.

339.65 342.07 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous. Weak pervasive pink K alt. Fine dissem Py.

342.07 342.60 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Brecciated UMD with strong Hem-K alt bands. Abundant anastomosing fine cb stringers. Trace dissem euhedral Py; <1mm. Strong K-Hem contact halo.

342.60 375.75 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Characterized by varying texture and colour. Compositionally consistent throughout with minor variation in biot/amp content. Combined <20% biot-amp abundance; varying from fine dissem xls/poprhs to mm scale porphs; <3mm; elongate; imparts foliation. Weak to moderate foliation throughout. Colour varies from light to dark grey; owing to nature of qz groundmass not biot-amp content. Low vein density: comprises mostly late fine qz-cb veinlets; <3mm; planar; chaotic orientations; typically mantled with ser-K halos. Rare cm scale barren white qz veins; concordant; <5cm. Trace fine dissem Py throughout. QZE are common; varying abundance from absent to 20% in minor segments; qz-fsp; <5mm; subrnd to subang.

375.75 376.17 (UMD) UM\LAMP Dike, ( )

UMD intercalated with intensely altered (K-Hem) host rock. Suggests reactivation; cm scale host selvages. UMD segments are light grey-green; finely laminated; 40% light and dark xenos/porphs. Not magnetic. Planar contacts. No vis sulfs.

376.17 403.67 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Characterized by abundant fine fracs/veinlets (Qz-Cb) with associated strong alteration halos. Alteration assemblage comprises K-Hem-Ser; present as halos and cm to dm scale segments. Appears moderately silicified throughout. Varying porphyroblastic texture imparted by QZE and biot porphs; mm scale. Fine dissem Py throughout. Consistent amp-biot content; combined ~20%; porphyroblastic; sub mm to mm scale <5mm.

403.67 404.28 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical LAMP. Fine grained dark brown groundmass with 15% fine cb porphs; <2mm. Strongly magnetic. >30% biot; very fine; dissem. Pale green laminated margins. No vis sulfs.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

404.28 433.90 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Characterized by varying texture. Mostly consistent composition save for occaasional cm to dm scale segments comprising elevated amp content (present as sub to mm scale elongate porphs; alignment imparts foliation). Also occasional segments of 10% sparsely dissem mm scale QZE; subround. Low to moderate strain overall; evidenced by varying foliation development; minor segment comprising strong K-Hem alt assoc with minor brecciation. Brecciated segments comprises sparse network of qz-cb veinlets and rare cm scale brecciated veins and xenoclastic LAMP. Low vein density overall: comprising chaotic planar qz-cb veinlets with alteration halos; rare cm scale discordant barren qz veins and PEGs. Typical trace fine dissem Py throughout.

433.90 434.88 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Interval comprises intercalated PEGs and FGS host; cm to dm scale segments; <30cm. PEG contacts are diffuse and doscordant. Typical FGS. Typical sulfide content.

434.88 441.90 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS. POB texture imparted by sparsely dissem qz eyes; <1cm; sub round. Fine dissem biot and amp porphs; <3mm; weakly elongate; imparts weak foliation; <20%. Occ cm scale barren white qz veins; discordant; <20cm; rare coarse Py clots. Overall 2% vein density.

441.90 442.20 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained AMP. Dark green. Equigranular. Moderately foliated. 0.5% very fine dissem Py. 15% fine dissem biot; alignment imparts foliation.

442.20 454.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous. Overall more equigranular and finer grain size than previous.

454.30 455.50 (QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein

Opaque white-grey mottled qz vein with minor fsp and sulfides; comingled with cm scale host selvages. Selective K-Hem alt assoc with fsp. Coarse Py-Po clots; 1%; hackly; frac controlled. Distinct; weakly deformed contacts. Coarse dissem biot clots; euhedral; <2cm; occ ser rims.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
455.50	**469.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained FGS. Varying POB texture; absent to fine biot porphs; mm scale <3mm; weakly elongate. Alignment of porphs imparts weak to moderate foliation. Fine dissem Py throughout; slightly elevated relative to previous FGS. Significant faulted sections; dm to m scale. Occasional patchy K-Hem-Ser assemblage. Rare cm scale pegmatitic veins; barren; discordant; <10cm. Orientation lost.								
469.83	**475.42**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Distinguished from surrounding FGS by presence of QZE; 30%; subround; <1cm.								
475.42	**477.33**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Typical fine grained FGS. Weak foliation. Siliceous. Weak K-Hem alt assoc with late microfracs/veinlets.								
477.33	**478.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark grey-brown; aphanitic. Pale green altered margins. Moderately magnetic. No vis sulfs.								
478.30	**482.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** 20% subround qz-fsp eyes; <1cm. Moderately altered througout; locally strong. Possible scapolite stringers; very fine; aligned with foliation. Patchy K-Hem assemblage; also present as strong narrow halos surrounding late qz-cb veinlets. Fine dissem Py throughout. Mild silicification.								
482.10	**483.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Very low angle relative to core axis. Mostly pale green throughout. Aphanitic. Not magnetic. No vis sulfs.								
483.65	**489.72**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine POB biot; mm scale <2mm; alignment imparts foliation. Occ diffuse K alt patches. No significant veining. Siliceous. Possible saussurite: very fine; dissem; submm; pale tan-green; 15%. Trace fine dissem Py throughout.	C66001	484	485	1	0.024	AGAT_FAICP		
			C66002	485	486	1	0.023	AGAT_FAICP		
			C66003	486	487	1	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66004	487	488	1	0.003	AGAT_FAICP		
			C66005	488	489	1	0.005	AGAT_FAICP		
			C66007	489	489.6	0.6	0.003	AGAT_FAICP		
489.72	**490.05**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C66008	489.6	490.2	0.6	0.003	AGAT_FAICP		
Very coarse; angular xls; cm scale. Strong K alt. Minor coarse dissem biot porphs; euhedral; <5mm. No vis sulfs.										
490.05	**494.43**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C66009	490.2	491	0.8	0.003	AGAT_FAICP		
			C66010	491	492	1	0.006	AGAT_FAICP		
			C66011	492	493	1	0.024	AGAT_FAICP		
			C66013	493	494	1	0.034	AGAT_FAICP		
Equigranular; fine grained FGS. Intercalated with amp-rich segments proximal to lower contact with AMP; cm to dm scale; <20cm. Sulfide content increases with increasing amp content. Gradational lower contact. Becomes vuggy and epidote altered proximal to lower contact.			C66014	494	494.43	0.43	0.037	AGAT_FAICP		
494.43	**509.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C66015	494.43	495	0.57	0.077	AGAT_FAICP		
			C66016	495	495.65	0.65	0.086	AGAT_FAICP		
			C66017	495.65	496.05	0.4	0.12	AGAT_FAICP		
			C66019	496.05	497	0.95	0.11	AGAT_FAICP		
			C66020	497	498	1	0.114	AGAT_FAICP		
			C66021	498	499	1	0.144	AGAT_FAICP		
			C66022	499	500	1	0.134	AGAT_FAICP		
			C66023	500	501	1	0.106	AGAT_FAICP		
			C66024	501	502	1	0.104	AGAT_FAICP		
			C66025	502	503	1	0.043	AGAT_FAICP		
			C66027	503	504	1	0.051	AGAT_FAICP		
			C66028	504	505	1	0.107	AGAT_FAICP		
			C66029	505	506	1	0.072	AGAT_FAICP		
			C66030	506	507	1	0.079	AGAT_FAICP		
			C66031	507	508	1	0.121	AGAT_FAICP		
			C66033	508	509	1	0.086	AGAT_FAICP		
Fine grained; equigranular; well foliated AMP. Characterized by distinctive light green epidote altered banding; lenticular; imparts foliation. Prominent foliation aligned sulfide mineralization throughout; ~2% comingled Po-Py; dissem to clotty; mm scale <3mm. Very low vein density; occ sub mm qz-cb veinlets. Hosts a 10cm white-purple qz-fsp vein; possible lepidolite or scapolite; trace scheelite; 1-2% frac controlled Py. Competent rock.			C66034	509	509.5	0.5	0.074	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
509.50	**510.27**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	C66035	509.5	510	0.5	0.014	AGAT_FAICP		
			C66036	510	510.4	0.4	0.063	AGAT_FAICP		
Intensely altered; obscures actual lithology. Apparent comingled PEG and minor FGS segments. Varying K-Hem-Ser alt throughout. Several minor dykelets; <2cm. Strongly quartzose segments could represent veins; hosts strong unidentified brown alteration; possible FeCb. Coarse hackly Po clots. Dissem Py.										
510.27	**511.05**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C66037	510.4	511.05	0.65	0.031	AGAT_FAICP		
Intensely K-Hem altered version of previous AMP.										
511.05	**517.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C66039	511.05	512	0.95	0.031	AGAT_FAICP		
			C66040	512	513	1	0.025	AGAT_FAICP		
			C66041	513	514	1	0.026	AGAT_FAICP		
			C66042	514	515	1	0.04	AGAT_FAICP		
			C66043	515	516	1	0.029	AGAT_FAICP		
			C66044	516	517	1	0.067	AGAT_FAICP		
			C66045	517	517.8	0.8	0.006	AGAT_FAICP		
Intensely altered FGS. Extensive qz flooding throughout much of interval. Becomes amp enriched downhole; gradational. Minor fine dissem Py-Po throughout. Sparse chaotic network of sub mm veinlets; qz-cb. Weak relict foliation not completely eradicated by qz flooding. Trace musc.										
517.80	**518.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C66047	517.8	518.1	0.3	0.019	AGAT_FAICP		
Minor AMP interval. Fine grained; massive to weakly foliated. Abundant fine fractures; healed. No significant sulfs.										
518.10	**519.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C66048	518.1	519.2	1.1	0.013	AGAT_FAICP		
Fine grained; equigranular. Strongly altered (K-Ser). Minor cm scale AMP beds. No vis sulfs. Trace musc; POB; mm scale <3mm; euhedral; dissem. Abundant fine fracs; healed.										
519.20	**519.69**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C66049	519.2	519.69	0.49	0.023	AGAT_FAICP		
Minor AMP as previous.										
519.69	**520.05**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	C66050	519.69	520.05	0.36	0.121	AGAT_FAICP		
Intensely altered qz vein. Characterized by 40% coarse subhedral Ksp xls/clots; opaque pink-red. Strong mycelium of tan Ser-clay alt; frac controlled; also as rxn rims surrounding										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
biot. Dense network of fine healed fracs (brx); black cement. 15% cpx; clotty. No significant sulfs.										
520.05	**520.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Minor FGS interval as previous.	C66051	520.05	520.7	0.65	0.03	AGAT_FAICP		
520.45	**521.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP as previous.	C66053	520.7	521.65	0.95	0.083	AGAT_FAICP		
521.65	**522.12**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** 50% Ksp; opq pink-red; euhedral; cm scale xls/clots. Mottled grey-white qz. No vis sulfs.	C66054	521.65	522.12	0.47	0.008	AGAT_FAICP		
522.12	**522.50**	**(AMP) Amphibolite, ( )** Minor AMP as previous. Contains cm scale open fold.	C66055	522.12	522.88	0.76	0.018	AGAT_FAICP		
522.50	**524.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine POB texture; fine biot poprhs; <2mm. Characterized by intense K-Hem alt. No vis sulfs. Comprises minor 20cm LAMP; banded; pale green.	C66055	522.12	522.88	0.76	0.018	AGAT_FAICP		
			C66056	522.88	523.4	0.52	0.011	AGAT_FAICP		
			C66057	523.4	524	0.6	0.021	AGAT_FAICP		
			C66059	524	524.4	0.4	0.017	AGAT_FAICP		
524.40	**525.08**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Diffuse contacts; obscured by intense alteration. Centimeter scale pink Ksp; subhedral; 60%. Sparse coarse biot clots; cm scale <5cm. Weakly brecciated; healed with dark cement. No vis sulfs.	C66060	524.4	525.08	0.68	0.013	AGAT_FAICP		
525.08	**530.88**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Characterized by moderate to strong patchy K-Hem alt; cm scale patches; imparts banded appearance. Fine dissem biot porphs throughout; 20%; <2mm. Trace dissem musc. Occ minor PEGs and AMP beds; <5cm. No signif sulfs.	C66061	525.08	526	0.92	0.145	AGAT_FAICP		
			C66062	526	527	1	0.016	AGAT_FAICP		
			C66063	527	528	1	0.02	AGAT_FAICP		
			C66064	528	529	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66065	529	530	1	0.01	AGAT_FAICP		
			C66067	530	530.88	0.88	0.011	AGAT_FAICP		
530.88	**532.33**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** 30-40% Ksp; cm scale subhedral xls; dissipating toward center of vein. Rare biot clots; mm scale euhedral xls <5mm. Abundant microfracs. Rare Py clots; <1cm.	C66068	530.88	531.5	0.62	0.008	AGAT_FAICP		
			C66069	531.5	532.33	0.83	0.004	AGAT_FAICP		
532.33	**539.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Pink-grey colouration imparted by diffuse pervasive K alt. 20% mm scale biot porphs; 1-5mm; dissem; alignment imparts weak foliation. Abundant healed microfracs. Fine dissem Py throughout; <1mm discrete subhedral xls. Occ qz-fsp veins <20cm; barren; K alt.	C66070	532.33	533	0.67	0.018	AGAT_FAICP		
			C66071	533	534	1	0.012	AGAT_FAICP		
			C66073	534	534.65	0.65	0.041	AGAT_FAICP		
			C66074	534.65	535.4	0.75	0.015	AGAT_FAICP		
			C66075	535.4	536.12	0.72	0.007	AGAT_FAICP		
			C66076	536.12	537	0.88	0.007	AGAT_FAICP		
			C66077	537	538	1	0.007	AGAT_FAICP		
			C66079	538	539	1	0.008	AGAT_FAICP		
539.00	**542.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP. Aphanitic dark green-grey groundmass. Pale green altered margins. Sparse network of chaotic qz-cb veinlets; <2mm. Rare Py clots; <3mm; subhedral. Comprises a minor segment of host FGS; <30cm; strongly K-Hem altered with 5% cpx porphs.								
542.50	**549.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Moderate to locally strong K-Hem alt imparts pink colouration; patchy. Fine dissem biot; alignment imparts foliation. Significant quartzose "melt" segments; diffuse; cm scale <10cm; occasionally hosting elevated Py (mm scale subhedral xls <3mm). Comprises 20cm PEG.								
549.25	**551.68**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by elevated biot-amp and presence of 25% QZE; weakly elongate; alignment imparts foliation. Combined 35% biot-amp; imparts dark colouration to groundmass. Weak to moderate selective K-Hem alt throughout; local strong patches.								
551.68	**552.80**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		PEG with significant biot; present as mm scale porphs. Grades into qz flooded FGS. Comprises minor qz-fsp vein; gradational margins; coarse angular Ksp; cm scale. No significant sulfs.								
552.80	**574.17**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Moderate patchy K-Hem alt imparts pink colouration. 10-15% dissem biot; sub to mm scale; <2mm; alignment imparts foliation. Occ minor LAMP related dykelets; resembles pale green altered chert; distinct contacts. Minor chaotic microfracs highlighted by pink alt. Trace fine dissem Py.								
574.17	**575.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Distinguished from surrounding FGS by presence of 25% qz-fsp eyes; weakly elongate; moderate Ksp alt. Matrix hosts elevated biot-amp; organized into weak moderate foliation; grades downhole into typical biot-amp content. No significant veining. Typical trace dissem Py.								
575.80	**583.74**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Typical FGS. Moderate patchy K-Hem alt throughout. Increased foliation development. 20% combined biot-amp present as elongate porphs; mm scale; imparts foliation. Trace fine dissem Py throughout. Occ late planar veinlets with prominent K-Hem halos. Occ amorphous qz-fsp veins and discontinuous bodies; pegmatitic; cm scale <5cm.								
583.74	**585.75**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Weakly magnetic LAMP. Aphanitic dark grey-brown groundmass hosting 30-40% fine porphyroblasts/clasts; mm scale; qz-fsp. Strongly altered pale green margins. No vis sulfs.								
585.75	**590.24**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Mottled grey-white strongly quartzose groundmass hosting 20-30% mm scale biot-amp porphs. Porphs are elongate; <1cm; alignment imparts foliation. Trace very fine dissem Py throughout. No significant veining; occ late qz-cb veinlets with K-Hem halos; planar; <2mm.								
590.24	**590.54**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Grey-green aphanitic groundmass hosting 30% coarse angular xenos; qz-fsp; <2cm. No mag. No vis sulfs. Weakly altered margins; dark grey; aphanitic.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

590.54 593.62 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous. Mottled grey-white strongly quartzose groundmass hosting 20-30% mm scale biot-amp porphs. Porphs are elongate; <1cm; alignment imparts foliation. Trace very fine dissem Py throughout. No significant veining; occ late qz-cb veinlets with K-Hem halos; planar; <2mm. Comprises a minor LAMP as previously desc; 18cm.

593.62 594.18 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Massive discordant qz vein. Minor pink altered fsp; clotty; cm scale <3cm. Trace clotty Py; frac controlled; mm scale <5mm. Sharp upper contact; diffuse melted lower contact.

594.18 604.43 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium-grained grey metasedimentary unit with localized patches of quartz melt broken out in veining tab; quartzofeldspathic groundmass with minor associated biotite and amphibole; very minor specks of muscovite in places; moderate patchy potassic alteration and quartz-carbonate veinlets with associated weak to moderate potassic and sericitic alteration; lower contact is fictitious and created to separate alteration-melt zones

604.43 608.15 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

coarse-grained pink and grey quartzofeldspathic metasediment defined by strong potassic and associated weaker sericitic alteration separated by blotchy patches of massive quartz low-temperature melt; one small quartz-feldspar veinlet broken out in veining tab and small lamprophyre dykelet; dyjelet is proximal to a thin quartz veinlet broken by wedge-shaped faulting with 1 cm displacement

608.15 619.58 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

fine to coarse-grained grey quartzofeldspathic metasediment with fluctuating proportions of biotite and amphibole dispersed throughout; weak to moderate potassic and sericitic alteration associated with small quartz-carbonate veinlets; intermittent patchy quartz melt and minor disseminated Py throughout

619.58 620.56 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine to medium-grained carbonate-phenocrystic black and grey ultramafic intrusive lamprophyre dyke with knife-sharp greenish sericite-chlorite altered contacts

620.56 626.50 (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								
		medium-grained grey and pink quartzofeldspathic metasediment with coarse cm-scale blotches of reheated quartz; strong pervasive potassic and sericitic alteration around quartz-carbonate stringers up to 0.5 cm in width; scraggly green narrow chloritized bands in places								
626.50	**645.21**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		fine to medium-grained grey and pink quartzofeldspathic metasediment with varying proportions of biotite and amphibole; sections of unit below 633 m depth with increased abundance of disseminated fine-grained muscovite and pyrite; intermittent quartzofeldspathic and pegmatitic veins throughout unit; intense potassic and lesser chlorite-sericite alteration patches from 626.5 to 627 m depth as well as from 637.5 to 636.22 m depth and from 641.79 m to 642.5 m depth								
645.21	**645.51**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		coarse to very coarse-grained bright red and pink granitic pegmatite melt with sharp disconformable contacts; coarse irregularly intergrown quartz and feldspar grains with decrease in grain size and more equigranularity towards lower contact								
645.51	**646.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		medium-grained grey massive quartzofeldspathic metasediment with disseminated muscovite and biotite; higher muscovite abundance than in other units and weak potassic-sericitic alteration near lower contact								
646.10	**647.43**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
		pink and grey coarse to very coarse-grained quartz-rich granitic pegmatite varying from feldspar-dominant to quartz-feldspar equigranular to watery quartz-dominant melt; sharp undulating melt contacts								
647.43	**660.13**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		dark grey massive quartzofeldspathic metaseidment with abundant muscovite and biotite; patchy areas with amphibole present and intermittent potassic-sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; occasional quartzofeldspathic melt								
660.13	**660.58**	**(UMD) UM\LAMP 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 green chloritized and sericitized intrusive ultramafic dyke with knife-sharp contacts; three dykelets separated by small intervals of altered wallrock; small yellow alteration mineral in dykelets								
660.58	**667.38**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		pink coarse to very coarse-grained granitic pegmatite melt largely equigranular with some portions of very coarse feldspar megacrysts in a quartz groundmass; some small intervals of FGS wallrock engulfed by invasive pegmatite								
667.38	**676.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		fine-grained light grey quartzofeldspathic metasediment with trace foliation; weak to moderate diffuse potassic and sericitic alteration haloes on crosscutting quartz-carbonate veinlets								
676.18	**677.92**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		fine-grained black carbonate-phenocrystic intrusive lamprophyre dyke with knife-sharp contacts; chlorite and sericite alteration on contacts								
677.92	**679.81**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		fine-grained grey and green quartzofeldspathic metasediment with rounded quartz phenocrysts in sections and wispy swathes of chlorite-sericite alteration bands								
679.81	**684.18**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated**								
		pink and grey equigranular quartzofeldspathic melt with sharp contacts and small pegmatitic sections								
684.18	**684.88**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		silicified dark grey very fine to fine-grained quartzofeldspathic unit with minor disseminated biotite								
684.88	**686.66**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		massive grey and black carbonate-phenocrystic intrusive lamprophyre dyke with knife-sharp sericitized-chloritized contacts; some fault gouge in dyke; intermittent thin white carbonate								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
veinlets										

686.66 691.90 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium-grained grey massive quartzofeldspathic unit with disseminated biotite; weak diffuse potassic and sericitic alteration haloes on quartz-carbonate veinlets; fine-grained quartz vein from 688.64 to 688.89 m depth

691.90 693.43 (QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated

fine-grained pink cloudy quartzofeldspathic vein with upper patch of pegmatitic pink feldspar; sharp contacts and specks of biotite throughout as well as one small lamprophyre dykelet from 692.5 to 692.55 m depth with an alpha beta of 49-312

693.43 695.81 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

massive grey quartzofeldspathic unit with specks of disseminated biotite and weak diffuse potassic alteration bands

695.81 696.40 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

fine-grained green massive carbonaceous intrusive lamprophyre dykelets split by intercalated bands of wallrock FGS; fine spekcs of yellow alteration phase within dykelets; knife-sharp contacts sharing common orientations

696.40 709.77 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium-grained grey weakly foliated quartzofeldspathic unit with intermittent potassic and sericitic alteration envelopes around hairline quartz-carbonate veinlets; one small quartzofeldspathic vein broken out in veining tab

709.77 712.10 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium to coarse-grained grey massive quartzofeldspathic unit defined by coarse 0.5 to 1 cm clots and strands of subrounded amphibolite engulfed in diffusely-margined fine-grained quartzofeldspathic melt aggregates; groundmass of wallrock is quartz-feldspar and disseminated biotite; moderate potassic and weak sericitic alteration haloes around quartz-carbonate veinlets

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
712.10	**724.86**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey quartzofeldspathic unit with intermittent potassic-sericitic alteration haloes on quartz-carbonate veinlets and darker section with elevated amphibole abundance from 713.44 to 715.69 m depth; small patches of clotty amphibolite porphyroclasts and localized folding present; minor disseminated pyrite throughout								
724.86	**725.31**	**(QV, UMD) Quartz Vein, UM\LAMP Dike, (QZV) Quartz Vein Undifferentiated** medium to coarse-grained grey and pink quartzofeldspathic melt vein defined by a quartz groundmass sectioned by cloudy interstitial trails of pink feldspar; small lamprophyre dykelet at upper contact with alpha beta of 47-184								
725.31	**732.77**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey medium-grained altered quartzofeldspathic unit with patches of clotty amphibolite prophyroclasts set in fine-grained quartzofeldspathic melt; sections of darker amphibole-bearing material and grey massive unaltered sections of more typical FGS; potassic and sericitic alteration haloes on quartz-carbonate veinlets as well as speckled yellow and banded green epidote and chlorite alteration respectively in patches across unit; diffuse dark grey quartz veins or silicified patches with minor disseminated pyrite								
732.77	**733.72**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine-grained greenish yellow carbonate-phenocrystic intrusive lamprophyre dyke with grey subangular to well-rounded xenoliths; several different pulse generations visible and knife-sharp altered contacts with surrounding units								
733.72	**735.42**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained moderately foliated grey quartzofeldspathic unit with disseminated bands of biotite; gentle folding that appears to drag foliation from an alpha angle close to 0 to an alpha angle of 45 to 50 degrees; small grey cloudy patches of wavy melted quartz and feldspar near upper contact; minor disseminated Py and weak potassic-sericitic alteration haloes on hairline quartz-carbonate veinlets								
735.42	**735.96**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained carbonate-phenocrystic grey and black massive intrusive lamprophyre dyke with knife-sharp quenched contacts; chlorite and sericite alteration shown by greenish hue of unit at contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
735.96	**742.54**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey weakly to moderately-foliated quartzofeldspathic unit with sections of diffuse dark grey quartz vein or melt and patches of fine-grained felsic melt with clumps of rounded amphibolite; lower metre of unit is silicified and altered; other parts of unit show patchy green chlorite alteration and weak potassic-sericitic haloes on crosscutting sets of quartz-carbonate veinlets								
742.54	**743.17**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained massive black carbonate-phenocrystic intrusive lamprophyre dyke with knife-sharp green sericitized and chloritized contacts								
743.17	**750.92**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey massive quartzofeldspathic unit with intermittent potassic and sericitic alteration envelopes on quartz-carbonate veinlets								
750.92	**751.56**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** massive pink coarse-grained quartzofeldspathic melt with sharp wavy undulating contacts; equigranular quartz and pink feldspar								
751.56	**760.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained massive grey quartzofeldspathic unit with patches of clotty amphibolite suspended in fine-grained quartzofeldspathic melt; sporadic pink and grey quartzofeldspathic veins								
760.23	**760.79**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained greyish-green massive intrusive carbonate-phenocrystic lamprophyre dyke; knife-sharp contacts								
760.79	**776.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained massive grey quartzofeldspathic unit with patches of fine-grained quartz-feldspar melt defined by clotty aggregates of amphibolite material; numerous series of thin sericitic and potassic alteration haloes around hairline quartz-carbonate veinlets								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
776.00	**777.23**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine-grained grey and green sericitized-chloritized massive intrusive ultramafic lamprophyre dyke; knife-sharp contacts and coarse cm-scale xenoliths								
777.23	**783.87**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained massive grey quartzofeldspathic unit with occasional patchy quartz-feldspar melt and intermittent potassic-sericitic and weak chloritic alteration envelopes on crosscutting quartz-carbonate veinlets								
783.87	**784.61**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse-grained massive deformed quartzofeldspathic melt vein with wavy undulating contacts; cloudy diffuse mix of pale pink and grey feldspars in a dominant groundmass of light grey watery quartz; incorporation of broken-up wallrock material near contacts								
784.61	**788.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and pink massive quartzofeldspathic unit with blotches of recrystallized quartz diffused into background; small number of thin quartz-carbonate veinlets with potassic-sericitic and trace chlorite alteration haloes; small amount of disseminated muscovite alongside the more dominant biotite mica								
788.52	**789.04**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine-grained pale green massive intrusive lamprophyre dyke with knife-sharp quenched contacts								
789.04	**818.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained pink and grey weakly to moderately foliated quartzofeldspathic unit with intermittent potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets								
818.70	**831.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and beige weakly to moderately-foliated quartzofeldspathic unit with clumpy aggregates of amphibole throughout; sections of quartz-blotchy massive texture reheating and intermittent potassic and sericitic alteration as well as weak associated chlorite alteration around thin quartz-carbonate veinlets; patchy quartzofeldspathic melt in places								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
831.65	**844.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and green quartz-phenocrystic quartzofeldspathic unit with varying proportions of biotite and amphibole; weak to moderate foliation and patchy quartz-feldspar melt bands; intermittent potassic and sericitic alteration haloes on thin quartz-carbonate veinlets; weak chlorite alteration around some quartz-carbonate veinlets. One small LAMP from 844.42 to 844.53m.								
844.66	**845.26**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green banded intermediate amphibolite with sharp unaltered contactsa and intermittent thin quartz veins throughout; minor disseminated Py								
845.26	**849.69**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey and pink strongly-banded unit defined by alternating fine-grained pink quartzofeldspathic layers and dark green blebby amphibole-biotite layers; above 847 m depth and below 849 m depth the unit is a more typical grey foliated FGS								
849.69	**853.53**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** massive grey and black carbonate-phenocrystic intrusive ultramafic lamprophyre dyke with sharp one cm-wide chloritized-sericitized upper contact and a lower contact with 80 cm of sericite-chlorite alteration due to the low angle with which the dyke cuts the core long axis								
853.53	**855.70**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated** coarse-grained greyish-white massive quartzofeldspathic vein alternating with dark grey biotite-banded quartzofeldspathic metasediment								
855.70	**876.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey moderately to strongly-foliated quartzofeldspathic unit with intermittent quartzofeldspathic veins and bands of dark green mafic amphibole-rich material; potassic and sericitic alteration envelopes around and chlorite alteration overprinting within quartz-carbonate veinlet								
876.80	**879.64**	**(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) fine to medium-grained dark green massive amphibolite with sections of alternating dark green amphibolite bands and dark greyish-blue quartzofeldspathic FGS bands; small interval of quartz-porphyritic FGS at lower contact less than 20 cm wide								
879.64	**880.77**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained grey and black carbonate-phenocrystic intrusive lamprophyre dyke with knife-sharp sericitized-chloritized contacts; intermittent wispy hairline bow-white carbonate veinlets								
880.77	**884.13**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey and green strongly quartz-feldspar porphyritic medium to coarse-grained quartzofeldspathic unit with thin black selvages and patchy chlorite alteration in sections; biotite and amphibole interstitial to phenocrysts; small lamprophyre dykelet surrounded by hairline healed microfractures with black groutlike cement infill								
884.13	**888.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey weakly to moderately-foliated quartzofeldspathic unit with alternating biotite-rich and quartz-feldspar rich bands; patchy diffuse fine-grained quartz melts and intermittent potassic-sericitic alteration envelopes on quartz-carbonate veinlets	C66080	884.13	885	0.87	0.005	AGAT_FAICP		
			C66081	885	885.61	0.61	0.006	AGAT_FAICP		
			C66082	885.61	886.59	0.98	0.007	AGAT_FAICP		
			C66083	886.59	887.84	1.25	0.003	AGAT_FAICP		
			C66084	887.84	888.19	0.35	0.003	AGAT_FAICP		
			C66085	888.19	888.55	0.36	0.008	AGAT_FAICP		
888.55	**893.41**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and green quartzofeldspathic melt unit defined by chunks of amphibole and biotite floating in watery grey quartz melt; unit has a green pyrite-rich silicified and altered mid-section	C66087	888.55	890	1.45	0.006	AGAT_FAICP		
			C66088	890	890.45	0.45	0.056	AGAT_FAICP		
			C66089	890.45	891.35	0.9	0.996	AGAT_FAICP		
			C66090	891.35	891.84	0.49	0.782	AGAT_FAICP		
			C66091	891.84	893	1.16	0.071	AGAT_FAICP		
			C66093	893	893.41	0.41	0.059	AGAT_FAICP		
893.41	**894.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green intermediate amphibolite with trace foliation and patchy clinopyroxene; greyish quartz vein broken out in veining tab	C66094	893.41	894	0.59	0.019	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
894.00	**897.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained moderately-foliated grey quartzofeldspathic unit defined by alternating bands of biotite-rich dark bands and lighter grey quartz-feldspar-muscovite bands; patchy potassic and sericitic alteration on crosscutting quartz-carbonate veinlets; narrow quartz-feldspar bands and one very coarse-grained pink and grey pegmatitic vein with strong potassic alteration on upper margin	C66095	894	895	1	0.016	AGAT_FAICP		
			C66096	895	896.32	1.32	0.024	AGAT_FAICP		
			C66097	896.32	897.23	0.91	0.027	AGAT_FAICP		
897.23	**900.52**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** dark to light green mafic intermediate amphibolite unit with alternating pale green clinopyroxene-rich patches and dark green foliated amphibole-rich bands; interstitial cloudy white feldspar between green amphibole and clinopyroxene layers								
900.52	**909.17**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** dark green ultramafic massive amphibolite defined by abundant coarse amphibole porphyroclasts; intermittent white cloudy carbonate veinlets and wider quartz-carbonate veins with patchy pyrite-pyrrhotite mineralization; quartz-carbonate veins have vugs infilled with green asbestiform minerals and clear euhedral quartz	C66099	907	907.9	0.9	0.003	AGAT_FAICP		
			C66100	907.9	908.3	0.4	0.02	AGAT_FAICP		
			C66101	908.3	909.17	0.87	0.044	AGAT_FAICP		
909.17	**912.71**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green mafic intermediate amphibolite defined by dark green amphibole-clinopyroxene layers and patchy disseminated cloudy white feldspars; white and grey quartz-carbonate vein with coarse patchy pyrrhotite mienralization and incorporated fragmented bands of dark green amphibolite from 911.3 to 911.5 m depth	C66102	909.17	910.4	1.23	0.017	AGAT_FAICP		
			C66103	910.4	911.7	1.3	0.048	AGAT_FAICP		
			C66104	911.7	912.35	0.65	0.035	AGAT_FAICP		
			C66105	912.35	912.71	0.36	0.074	AGAT_FAICP		
912.71	**914.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey moderately to strongly-foliated quartzofeldspathic unit with 50 cm alteration zone at upper contact denoted by largely chlorite and sericite alteration; minor disseminated Py	C66107	912.71	914	1.29	0.052	AGAT_FAICP		
914.70	**919.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** green and grey fine to coarse-grained foliated intermediate amphibolite with intervals of FGS worked in								
919.00	**921.00**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		FGSBI) FGS (10-29% BI) above or proximal to gold zone								
		FGS with lesser patchy amp. Melted intercalated felsic and amp-rich diffuse bands; cm scale <5cm. Fine dissem Py-Po aligned with banding/foliaiton; <2mm. No significant veining. Fine dissem biot; ~10%; <2mm; alignment imparts weak foliation. Occ mm scale amp porphs; <5mm; clustered; aligned with foliation.								
921.00	**923.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Similar composition to previous but distinguished by POB texture. AMPs have coagulated into coarse mm to cm scale porphs; 20-30%; set in cryptocrystalline white-grey qz groundmass. Fine dissem Py. Occ cm scale melted qz veins; diffuse; discontinuous.								
923.10	**925.60**	**(DIO) Diorite, (DIOUNO) Diorite to granodiorite unit**								
		Coarse; equigranular. Resembles well sorted conglomerate. Characterized by strong alteration throughout (propylitic assemblage). Comprises mm scale amp-biot porphs comingled with qz-fsp porphs. Apparent strong foliation imparted by alignment of elongate porphs; highlighted by distinctive yellow alteration (unidentified; possible K? Hard; opaque; forms rims around biot). Fine dissem Py; trace.								
925.60	**927.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Melted FGS. Qz flooded in dm scale segments; possible melted veins? Comprises dm scale vein with very coarse hackly Po>Py>Cpy clots; <5cm. Fine dissem biot throughout; <2mm; euhedral; alignment imparts foliation. Weak patchy epidote alt; nebulous.								
927.00	**930.50**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Comingled/intercalated FGS/AMP. Melted. Typical fine dissem biot. Slightly elevated sulfs relative to surroundings; showing spatial affinity with amp-rich patches. No significant veining. Grades into FGS proximal to lower contact.								
930.50	**930.85**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		Melted qz vein. Mottled grey-white qz with dark grey qz patches/megacrysts; cm scale <5cm. Diffuse epidote alt; patchy; nebulous. No significant sulfs.								
930.85	**932.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Barren melted FGS. Weakly foliated. Occ minor quartzose melt patches; cm scale <5cm.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

932.00 932.60 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

distinguished from previous by elevated biot and presence of QZE. 15% qz opq white qz-fsp eyes; <1cm; elongate; imparts foliation. MInor fine dissem Py; aligned with fol.

932.60 933.80 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Melted FGS as prev.

933.80 936.05 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Perhaps not a true AMP but significantly elevated amp/biot realtive to surroundings. ~50% combined biot/amp; POB; mm scale <5mm; euhedral biot. Occ prominent bands of propylitic alteration; laminated; cm scale; sharp margins. Trace dissem Py; very fine.

936.05 944.50 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Characterized by strong POB texture. 20% combined biot-amp porphs; coarse; mm scale <5mm; weakly aligned imparting foliation. Trace very fine dissem Py. No signif veining. Occ pink-green K-chl alt bands; cm scale <5cm; often assoc with late veinlets.

944.50 950.33 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Comprises a fault zone ~945-946m; mm to cm scale angular clasts; minor clay gouge preserved. Interval becomes increasingly porphyroblastic downhole; sub mm sparsely disseminated euhedral fsp porphs become coarse and densely disseminated proximal to lower contact. Strongly magnetic. Intensely altered pale green margins; carbonaceous (stringers).

950.33 956.67 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Weakly foliated FGS. Combined 25% amp and biot porphs; mm scale; weakly elongate; imparts foliation. Comprises significant veining; cm to dm scale; trace Py; mottled grey-white qz with coarse cpx-amp-biot clots; mostly discordant. Comprises localized intense alteration assoc with proximal LAMPs; pale green; amalgam of FGS and LAMP. Distinguished from previous FGS by visibly elevated biot-amp content. Trace sulfs present only in veins.

956.67 958.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Typical FGS but intensely bleached/altered. Original fabric remains weakly discernable. Pale pink-green. Uncertain composition; likely Ser-K-Ep-Qz assemblage. No vis sulfs. Very felsic groundmass. Only minor biot-amp are visible; combined ~5%								
958.70	**977.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Weakly foliated FGS. Combined 25% amp and biot porphs; mm scale; weakly elongate; imparts foliation. Comprises significant veining; cm to dm scale; trace Py; mottled grey-white qz with coarse cpx-amp-biot clots; mostly discordant. Comprises localized intense alteration assoc with proximal LAMPs; pale green; amalgam of FGS and LAMP. Distinguished from previous FGS by visibly elevated biot-amp content. Trace sulfs present only in veins.								
977.60	**978.08**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained sandy texture; equigranular. Dolomitic stringers? Millimeter scale; lenticular; <5mm. Groundmass is pale green; apparent amlagam of FGS and LAMP. No vis sulfs.								
978.08	**978.57**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Minor FGS between LAMP intervals. As prev desc.								
978.57	**979.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Strongly altered margins; pale green; laminated. Minor yellow-brown FeCb horizon in margins; <2cm. Dyke is coarsely xenoclastic; 30%; felsic; varying size mm scale to <2cm; subround. No vis sulfs.								
979.70	**1011.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium grained weakly foliated grey FGS unit. Locally melt textures observed. Small to large Amp rich clasts/patches throughout the unit. Sometimes referred to as thick DIOAM unit in adjcent and past holes. Biotite Amp and Amp rich clasts define foliation. Sharp lower contacts with a LAMP dyke. No sulfides observed. Blue Labradorite observed throughout the unit as well.								
1011.00	**1012.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained banded green carbonate rich LAMP dyke. Lower angle sharp contacts. No sulfides. Non magnetic.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1012.80	**1028.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey FGS unit. Locally melt textures observed. Small to large Amp rich clasts/patches throughout the unit. Sometimes referred to as thick DIOAM unit in adjcent and past holes. Biotite Amp and Amp rich clasts define foliation. Short diffuse lower contacts with AMP. Sharp upper contact with low angle LAMP dyke. No sulfides observed. Blue Labradorite observed throughout the unit as well.								
1028.70	**1033.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately to strongly foliated intermediate AMP. Trace to nill sulfides. Few very small QVs parallel to foliation. Non magneitc.								
1033.30	**1039.77**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey FGS unit. Locally melt textures observed. Small to large Amp rich clasts/patches throughout the unit. Sometimes referred to as thick DIOAM unit in adjcent and past holes. Biotite Amp and Amp rich clasts define foliation. Sharp lower contacts with a LAMP dyke. No sulfides observed. Blue Labradorite observed locally within the unit. Trace to nil Py.								
1039.77	**1040.35**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained carbonate rich green nonmagnetic LAMP dyke. Several small to very small LAMP fractures and dykelets observed around this vein. No sulfides.								
1040.35	**1043.33**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey FGS unit. Locally melt textures observed. Small to large Amp rich clasts/patches throughout the unit. Sometimes referred to as thick DIOAM unit in adjcent and past holes. Biotite Amp and Amp rich clasts define foliation. Sharp lower contacts with a LAMP dyke. No sulfides observed. Several small fractures and LAMP dykelets.								
1043.33	**1044.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive magnetic dark grey LAMP with abundant calcite spots and veinlets. No sulfides. Several small xenoliths.								
1044.20	**1062.93**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated grey FGS unit. Locally melt textures observed. Small to large Amp rich clasts/patches throughout the unit. Sometimes referred to as thick DIOAM unit in adjcent and past holes. Biotite Amp and Amp rich clasts define foliation. Sharp lower contacts with a LAMP dyke. No sulfides observed. Local tight isoclinal F1 folds observed.	C66108	1050	1051	1	0.019	AGAT_FAICP		
			C66109	1051	1052	1	0.012	AGAT_FAICP		
			C66110	1052	1053	1	0.013	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Several PEG and melt sections. Trace Py.			C66111	1053	1054	1	0.012	AGAT_FAICP		
			C66113	1054	1055	1	0.015	AGAT_FAICP		
			C66114	1055	1056	1	0.016	AGAT_FAICP		
			C66115	1056	1057	1	0.019	AGAT_FAICP		
			C66116	1057	1058	1	0.013	AGAT_FAICP		
			C66117	1058	1059	1	0.014	AGAT_FAICP		
			C66119	1059	1060	1	0.016	AGAT_FAICP		
			C66120	1060	1061	1	0.019	AGAT_FAICP		
			C66121	1061	1062	1	0.012	AGAT_FAICP		
			C66122	1062	1062.93	0.93	0.007	AGAT_FAICP		
1062.93	**1063.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C66123	1062.93	1063.4	0.47	0.002	AGAT_FAICP		
Fine to medium grained green carbonate rich LAMP dyke with no sulfides and non magnetic.										
1063.40	**1088.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66124	1063.4	1064	0.6	0.008	AGAT_FAICP		
Medium grained moderately foliated grey FGS unit. Locally melt textures observed. Small to large Amp rich clasts/patches throughout the unit. Sometimes referred to as thick DIOAM unit in adjcent and past holes. Biotite Amp and Amp rich clasts define foliation. Labradorite observed throughout. Sharp contacts. Trace py observed. Several small veinlets with weak alteration halos and several small QF and PEG veins parallel to foliation.			C66125	1064	1065	1	0.044	AGAT_FAICP		
			C66127	1065	1066	1	0.013	AGAT_FAICP		
			C66128	1066	1067	1	0.005	AGAT_FAICP		
			C66129	1067	1068	1	0.011	AGAT_FAICP		
			C66130	1068	1069	1	0.014	AGAT_FAICP		
			C66131	1069	1070	1	0.02	AGAT_FAICP		
			C66133	1070	1071	1	0.039	AGAT_FAICP		
			C66134	1071	1072	1	0.011	AGAT_FAICP		
			C66135	1072	1073	1	0.024	AGAT_FAICP		
			C66136	1073	1074	1	0.006	AGAT_FAICP		
			C66137	1074	1075	1	0.013	AGAT_FAICP		
			C66139	1075	1076	1	0.014	AGAT_FAICP		
			C66140	1076	1077	1	0.019	AGAT_FAICP		
			C66141	1077	1078	1	0.009	AGAT_FAICP		
			C66142	1078	1079	1	0.011	AGAT_FAICP		
			C66143	1079	1080	1	0.012	AGAT_FAICP		
			C66144	1080	1081	1	0.007	AGAT_FAICP		
			C66145	1081	1082	1	0.015	AGAT_FAICP		
			C66147	1082	1083	1	0.054	AGAT_FAICP		
			C66148	1083	1084	1	0.016	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66149	1084	1085	1	0.017	AGAT_FAICP		
			C66150	1085	1086	1	0.017	AGAT_FAICP		
			C66151	1086	1087	1	0.015	AGAT_FAICP		
			C66153	1087	1088	1	0.039	AGAT_FAICP		
			C66154	1088	1088.85	0.85	0.029	AGAT_FAICP		
1088.85	**1089.64**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Large medium to coarse light pink/white PEG vein that is parallel to foliation. Trace Py within. Sharp contacts. Minor biotite and Amp within.	C66155	1088.85	1089.64	0.79	0.009	AGAT_FAICP		
1089.64	**1093.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated grey FGS unit. Locally melt textures observed. Small to large Amp rich clasts/patches throughout the unit. Sometimes referred to as thick DIOAM unit in adjcent and past holes. Biotite Amp and Amp rich clasts define foliation. Labradorite observed throughout. Sharp contacts. Trace py observed. Several small veinlets with weak alteration halos and several small QF and PEG veins parallel to foliation. Sericite alteration observed locally.	C66156	1089.64	1091	1.36	0.017	AGAT_FAICP		
			C66157	1091	1092	1	0.013	AGAT_FAICP		
			C66159	1092	1093.5	1.5	0.016	AGAT_FAICP		
1093.50	**1094.22**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained green LAMP dyke with xenoliths and numerous very small carbonate veinlets. No sulfides. Non magnetic.	C66160	1093.5	1094.22	0.72	0.004	AGAT_FAICP		
1094.22	**1094.50**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse grained qtz rich PEG vein sub parallel to foliation. Minor Py locally within the vein. Short sharp contacts.								
1094.50	**1096.38**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey FGS unit. Locally melt textures observed. Biotite Amp and Amp cyrstals define foliation. Sharp contacts. Trace py observed. Several small veinlets with weak alteration halos.	C66161	1094.22	1095	0.78	0.011	AGAT_FAICP		
			C66162	1095	1095.5	0.5	0.011	AGAT_FAICP		
			C66163	1095.5	1096.75	1.25	0.01	AGAT_FAICP		
1096.38	**1096.75**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse grained qtz rich PEG vein. Trace Py. Sharp contacts.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1096.75	**1097.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive light green LAMP dyke. No sulfides. Non magnetic.	C66164	1096.75	1097.05	0.3	0.004	AGAT_FAICP		
1097.00	**1116.86**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated grey FGS unit. Locally melt textures observed. Biotite Amp and Amp define foliation. Sharp contacts. Trace py observed. Several small veinlets with weak alteration halos and several small QF and PEG veins parallel to foliation. Porphyritic texture increases gradually over several meters eventually becoming QFP.	C66165	1097.05	1098	0.95	0.018	AGAT_FAICP		
			C66167	1098	1099	1	0.006	AGAT_FAICP		
			C66168	1099	1100	1	0.006	AGAT_FAICP		
			C66169	1100	1101	1	0.018	AGAT_FAICP		
			C66170	1101	1102	1	0.011	AGAT_FAICP		
			C66171	1102	1103	1	0.01	AGAT_FAICP		
			C66173	1103	1104	1	0.006	AGAT_FAICP		
			C66174	1104	1105	1	0.009	AGAT_FAICP		
			C66175	1105	1106	1	0.008	AGAT_FAICP		
			C66176	1106	1107	1	0.012	AGAT_FAICP		
			C66177	1107	1108	1	0.013	AGAT_FAICP		
			C66179	1108	1109	1	0.007	AGAT_FAICP		
			C66180	1109	1110	1	0.069	AGAT_FAICP		
			C66181	1110	1111	1	0.013	AGAT_FAICP		
			C66182	1111	1112	1	0.007	AGAT_FAICP		
			C66183	1112	1113	1	0.006	AGAT_FAICP		
			C66184	1113	1114	1	0.005	AGAT_FAICP		
			C66185	1114	1115	1	0.004	AGAT_FAICP		
			C66187	1115	1116	1	0.003	AGAT_FAICP		
			C66188	1116	1116.85	0.85	0.007	AGAT_FAICP		
1116.86	**1117.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained xenolith rich green LAMP. So sulfides and non magnetic.	C66189	1116.85	1117.2	0.35	0.003	AGAT_FAICP		
1117.20	**1128.57**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium grained grey and white strongly porphyritic QFP. Gradational change from the upper porphyritic FGS. Trace Py. Several QF and qtz veins parallel to foliation. Two small parallel to LAMP dykes oblique to S1. Sharp lower contact.	C66190	1117.2	1118	0.8	0.017	AGAT_FAICP		
			C66191	1118	1119	1	0.017	AGAT_FAICP		
			C66193	1119	1120	1	0.009	AGAT_FAICP		
			C66194	1120	1121	1	0.006	AGAT_FAICP		
			C66195	1121	1122	1	0.006	AGAT_FAICP		
			C66196	1122	1123	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66197	1123	1124	1	0.022	AGAT_FAICP		
			C66199	1124	1125	1	0.013	AGAT_FAICP		
			C66200	1125	1126	1	0.009	AGAT_FAICP		
			C66201	1126	1127	1	0.009	AGAT_FAICP		
			C66202	1127	1128	1	0.031	AGAT_FAICP		
			C66203	1128	1128.57	0.57	0.021	AGAT_FAICP		
1128.57	**1137.10**	**(FGC) Felsic Gneiss Conglomerate, ( )**	C66204	1128.57	1129	0.43	0.016	AGAT_FAICP		
WG (20190527) replaced FGS with FGC (obvious clasts on core pictures). Fine to medium grained moderately to strongly foliated FGS with weak banding. Biotite and Amp throughout. Several QF and Qtz veins parallel to foliation. Grain size varies slightly. One small green LAMP at 1132.75m to 1132.93m. Trace to minor Py.			C66205	1129	1130	1	0.028	AGAT_FAICP		
			C66207	1130	1131	1	0.024	AGAT_FAICP		
			C66208	1131	1131.8	0.8	0.031	AGAT_FAICP		
			C66209	1131.8	1132.2	0.4	0.018	AGAT_FAICP		
			C66210	1132.2	1133	0.8	0.013	AGAT_FAICP		
			C66211	1133	1134	1	0.02	AGAT_FAICP		
			C66213	1134	1135	1	0.028	AGAT_FAICP		
			C66214	1135	1136	1	0.027	AGAT_FAICP		
			C66215	1136	1137	1	0.02	AGAT_FAICP		
1137.10	**1171.78**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66216	1137	1138	1	0.015	AGAT_FAICP		
WG (20190527) comments: this FGS unit contains lots of levels with diffuse bands as probable flattened clasts. Might need to inject more FGC units within. Original log: fine to medium grained moderately to strongly foliated FGS with weak banding. Biotite and Amp throughout. Several QF and Qtz veins parallel to foliation. Grain size varies slightly. Trace to minor Py.			C66217	1138	1139	1	0.023	AGAT_FAICP		
			C66219	1139	1140	1	0.03	AGAT_FAICP		
			C66220	1140	1141	1	0.014	AGAT_FAICP		
			C66221	1141	1142	1	0.012	AGAT_FAICP		
			C66222	1142	1143	1	0.01	AGAT_FAICP		
			C66223	1143	1144	1	0.023	AGAT_FAICP		
			C66224	1144	1145	1	0.015	AGAT_FAICP		
			C66225	1145	1146	1	0.011	AGAT_FAICP		
			C66227	1146	1147	1	0.334	AGAT_FAICP		
			C66228	1147	1148	1	0.056	AGAT_FAICP		
			C66229	1148	1149	1	0.023	AGAT_FAICP		
			C66230	1149	1150	1	0.037	AGAT_FAICP		
			C66231	1150	1151	1	0.026	AGAT_FAICP		
			C66233	1151	1152	1	0.023	AGAT_FAICP		
			C66234	1152	1153	1	0.018	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66235	1153	1154	1	0.014	AGAT_FAICP		
			C66236	1154	1155	1	0.004	AGAT_FAICP		
			C66237	1155	1156	1	0.011	AGAT_FAICP		
			C66239	1156	1157	1	0.024	AGAT_FAICP		
			C66240	1157	1158	1	0.007	AGAT_FAICP		
			C66241	1158	1159	1	0.029	AGAT_FAICP		
			C66242	1159	1160	1	0.023	AGAT_FAICP		
			C66243	1160	1161	1	0.027	AGAT_FAICP		
			C66244	1161	1162	1	0.013	AGAT_FAICP		
			C66245	1162	1163	1	0.011	AGAT_FAICP		
			C66247	1163	1164	1	0.307	AGAT_FAICP		
			C66248	1164	1165	1	0.014	AGAT_FAICP		
			C66249	1165	1166	1	0.051	AGAT_FAICP		
			C66250	1166	1167	1	0.161	AGAT_FAICP		
			C66251	1167	1168	1	0.022	AGAT_FAICP		
			C66253	1168	1169	1	0.02	AGAT_FAICP		
			C66254	1169	1170	1	0.015	AGAT_FAICP		
			C66255	1170	1171	1	0.013	AGAT_FAICP		
			C66256	1171	1171.78	0.78	0.009	AGAT_FAICP		
1171.78	**1172.28**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Small fine to medium grained moderately foliated porphyritic diorite parallel to foliation. No sulfides. Non magnetic. Fine grained ground mass. Plag porphs.	C66257	1171.78	1172.28	0.5	0.031	AGAT_FAICP		
1172.28	**1173.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately foliated muscovite and biotite rich FGS. Sharp upper contact with dio and short gradational lower contact with FGG. Minor Py throughout. No magnetic.	C66259	1172.28	1173.25	0.97	0.038	AGAT_FAICP		
1173.25	**1175.08**	**(FGG) Felsic Gneiss Granitic, ( )** Medium grained weakly to moderately foliated FGG. Short gradational upper and lower contacts. Medium to coarse musc throughout. Weak K alteration. Minor Py throughout.	C66260	1173.25	1174	0.75	0.281	AGAT_FAICP		
			C66261	1174	1174.5	0.5	0.624	AGAT_FAICP		
			C66262	1174.5	1175.08	0.58	1.72	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1175.08	**1176.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained siliceous dark grey FGS unit. Minor Py throughout. No magnetic. Sharp lower contact. Gradational upper contact. Almost completely replaced by qtz. Minor biotite.	C66263	1175.08	1175.5	0.42	2.05	AGAT_FAICP		
			C66264	1175.5	1176	0.5	0.98	AGAT_FAICP		
1176.00	**1178.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained massive magnetic carbonate rich LAMP dyke with small altered sections along the contacts. No sulfides.	C66265	1176	1177	1	0.004	AGAT_FAICP		
			C66267	1177	1178.2	1.2	0.014	AGAT_FAICP		
1178.20	**1184.28**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained weakly to moderately foliated musc rich FGG. Compositional observed throughout as grain size and mineralogy varies gently. Minor Py throughout. Sharp upper and lower contacts with LAMP dykes.	C66268	1178.2	1179	0.8	1.04	AGAT_FAICP		
			C66269	1179	1179.5	0.5	0.646	AGAT_FAICP		
			C66270	1179.5	1180	0.5	1.05	AGAT_FAICP		
			C66271	1180	1180.5	0.5	1.1	AGAT_FAICP		
			C66273	1180.5	1181	0.5	1.11	AGAT_FAICP		
			C66274	1181	1182	1	1.42	AGAT_FAICP		
			C66275	1182	1183	1	1.39	AGAT_FAICP		
			C66276	1183	1183.6	0.6	1.5	AGAT_FAICP		
			C66277	1183.6	1184.28	0.68	0.996	AGAT_FAICP		
1184.28	**1185.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained massive magnetic carbonate rich dark grey LAMP. No sulfides. Small alteration sections along contacts.	C66279	1184.28	1185	0.72	0.013	AGAT_FAICP		
1185.00	**1205.45**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained weakly foliated grey and pinkish grey FGG. Localized sections have minor weak k alteration and strong silicification observed throuhgout the secton. Medium and coarse muscovite pervasively. Trace to rare silliminite locally. Sharp upper and lower contacts.	C66280	1185	1186	1	0.31	AGAT_FAICP		
			C66281	1186	1187	1	0.883	AGAT_FAICP		
			C66282	1187	1188	1	0.622	AGAT_FAICP		
			C66283	1188	1189	1	0.135	AGAT_FAICP		
			C66284	1189	1190	1	0.411	AGAT_FAICP		
			C66285	1190	1191	1	0.167	AGAT_FAICP		
			C66287	1191	1192	1	0.163	AGAT_FAICP		
			C66288	1192	1193	1	0.134	AGAT_FAICP		
			C66289	1193	1194	1	0.109	AGAT_FAICP		
			C66290	1194	1195	1	0.278	AGAT_FAICP		
			C66291	1195	1196	1	0.237	AGAT_FAICP		
			C66293	1196	1197	1	0.352	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66294	1197	1198	1	0.265	AGAT_FAICP		
			C66295	1198	1199	1	0.441	AGAT_FAICP		
			C66296	1199	1200	1	0.184	AGAT_FAICP		
			C66297	1200	1201	1	0.198	AGAT_FAICP		
			C66299	1201	1202	1	0.219	AGAT_FAICP		
			C66300	1202	1203	1	0.186	AGAT_FAICP		
			C66301	1203	1204	1	0.395	AGAT_FAICP		
			C66302	1204	1205	1	0.704	AGAT_FAICP		
			C66303	1205	1205.45	0.45	0.405	AGAT_FAICP		
1205.45	**1206.47**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (Bl, AM)**	C66304	1205.45	1206.47	1.02	0.154	AGAT_FAICP		
Fine grained strongly foliated DIOP2 with Amp porphs throughout and moderate sericite pervasively. No sulfides. Sharp low angle contacts.										
1206.47	**1217.00**	**(FGG) Felsic Gneiss Granitic, ( )**	C66305	1206.47	1207	0.53	0.172	AGAT_FAICP		
Medium to coarse grained weakly to moderately foliated banded grey FGG. Compositional banding observed as silica and finee bio/amp content varies. Medium and coarse muscovite pervasively. Trace to rare silliminite locally. Sharp upper and lower contacts. Minor Py and Po pervasively with locally high occurences. Sharp upper contact with DioiP2 and sharp lower contact with QV1.			C66307	1207	1208	1	0.282	AGAT_FAICP		
			C66308	1208	1209	1	0.282	AGAT_FAICP		
			C66309	1209	1210	1	0.303	AGAT_FAICP		
			C66310	1210	1211	1	0.359	AGAT_FAICP		
			C66311	1211	1212	1	0.93	AGAT_FAICP		
			C66313	1212	1213	1	0.614	AGAT_FAICP		
			C66314	1213	1214	1	0.311	AGAT_FAICP		
			C66315	1214	1215	1	0.236	AGAT_FAICP		
			C66316	1215	1216	1	0.47	AGAT_FAICP		
			C66317	1216	1217	1	0.181	AGAT_FAICP		
1217.00	**1217.26**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C66319	1217	1217.3	0.3	0.059	AGAT_FAICP		
Grey massive clear QV1 vein.										
1217.26	**1220.40**	**(FGG) Felsic Gneiss Granitic, ( )**	C66320	1217.3	1218	0.7	0.163	AGAT_FAICP		
Medium to coarse grained weakly to moderately foliated banded grey FGG. Compositional banding observed as silica and finee bio/amp content varies. Medium and coarse muscovite pervasively. Trace to rare silliminite locally. Sharp upper and lower contacts. Minor Py and Po pervasively with locally high occurences. Sharp upper contact with QV1 and gradational			C66321	1218	1219	1	0.431	AGAT_FAICP		
			C66322	1219	1220	1	0.191	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
lower contact with GBFG.			C66323	1220	1220.4	0.4	0.077	AGAT_FAICP		
1220.40	**1225.61**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C66324	1220.4	1221	0.6	0.22	AGAT_FAICP		
Medium to coarse grained biotite rich strongly foliated and deformed GBFG with fine to medium grained garnets locally. Py and lesser amounts of Po pervasively. Numerous boundinaged and deformed QVs and PEG veins. Sericitic alteration locally. Sharp lower contact gradual upper contact.			C66325	1221	1221.5	0.5	0.104	AGAT_FAICP		
			C66327	1221.5	1222	0.5	0.156	AGAT_FAICP		
			C66328	1222	1222.5	0.5	0.162	AGAT_FAICP		
			C66329	1222.5	1223	0.5	0.123	AGAT_FAICP		
			C66330	1223	1223.5	0.5	0.063	AGAT_FAICP		
			C66331	1223.5	1223.97	0.47	0.082	AGAT_FAICP		
			C66333	1223.97	1224.45	0.48	0.31	AGAT_FAICP		
			C66334	1224.45	1225	0.55	0.441	AGAT_FAICP		
			C66335	1225	1225.61	0.61	0.433	AGAT_FAICP		
1225.61	**1231.46**	**(QFP) Quartz Feldspar Porphyry, ( )**	C66336	1225.61	1227	1.39	0.038	AGAT_FAICP		
QFP with large plag porphs and fine grained biotite rich matrix. Locally altered by sericite. Contains a small dark grey lamp dyke at 1230.45m. Foliation strong and pervasive. No sulfides. Non magnetic.			C66337	1227	1228	1	0.038	AGAT_FAICP		
			C66339	1228	1229	1	0.006	AGAT_FAICP		
			C66340	1229	1230	1	0.008	AGAT_FAICP		
			C66341	1230	1231	1	0.03	AGAT_FAICP		
			C66342	1231	1231.46	0.46	0.034	AGAT_FAICP		
1231.46	**1234.10**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C66343	1231.46	1232.5	1.04	0.039	AGAT_FAICP		
Massive pegmatic PEG vein with minor K alteration and locally high concentrations of biotite. No sulfides observed. Coarse biotite locally.			C66344	1232.5	1233.5	1	0.027	AGAT_FAICP		
			C66345	1233.5	1234.1	0.6	0.011	AGAT_FAICP		
1234.10	**1234.81**	**(QFP) Quartz Feldspar Porphyry, ( )**	C66347	1234.1	1234.81	0.71	0.027	AGAT_FAICP		
QFP with large plag porphs and fine grained biotite rich matrix. Locally altered by sericite. Contains a small dark grey lamp dyke at 1230.45m. Foliation strong and pervasive. No sulfides. Non magnetic.										
1234.81	**1235.29**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	C66348	1234.81	1235.29	0.48	0.029	AGAT_FAICP		
Massive white barren QV.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1235.29	**1236.10**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP with large plag porphs and fine grained biotite rich matrix. Locally altered by sericite. Foliation strong and pervasive. No sulfides. Non magnetic.	C66349	1235.29	1236.1	0.81	0.028	AGAT_FAICP		
1236.10	**1238.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained slighlty compositionally banded light grey biotite rich moderately foliated FGS. No sulfides observed. Non magnetic. Gradational upper and lower contacts. Contains one small QV2 vein.	C66350	1236.1	1237	0.9	0.106	AGAT_FAICP		
			C66351	1237	1238.05	1.05	0.032	AGAT_FAICP		
1238.05	**1246.96**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained weakly to moderately foliated banded grey FGG. Porphyrytic texture observed pervasively and melt texture observed locally. Medium and coarse muscovite pervasively. Trace to rare silliminite locally. Sharp upper and lower contacts. Minor Py pervasively. Sharp gradual upper and lower contacts. Non magnetic. K alteration locally.	C66353	1238.05	1239	0.95	0.053	AGAT_FAICP		
			C66354	1239	1240	1	0.052	AGAT_FAICP		
			C66355	1240	1241	1	0.045	AGAT_FAICP		
			C66356	1241	1242	1	0.064	AGAT_FAICP		
			C66357	1242	1243	1	0.062	AGAT_FAICP		
			C66359	1243	1244	1	0.039	AGAT_FAICP		
			C66360	1244	1245	1	0.02	AGAT_FAICP		
			C66361	1245	1246	1	0.018	AGAT_FAICP		
			C66362	1246	1246.96	0.96	0.019	AGAT_FAICP		
1246.96	**1247.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated weakly banded grey biotite rich FGS. Trace Py pervasively. Sharp gradual contacts with upper and lower units.	C66363	1246.96	1247.66	0.7	0.061	AGAT_FAICP		
1247.66	**1250.07**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP with fine grained matrix and large plag porphs throughtout. Trace Py. One small deformed QV next to a Amp rich patch. Local folding. Non magnetic.	C66364	1247.66	1248.5	0.84	0.016	AGAT_FAICP		
			C66365	1248.5	1249	0.5	0.02	AGAT_FAICP		
			C66367	1249	1250.07	1.07	0.07	AGAT_FAICP		
1250.07	**1251.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated weakly banded grey biotite rich FGS. Trace Py pervasively. Sharp gradual contacts with upper and lower units.	C66368	1250.07	1251	0.93	0.172	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1251.00	**1251.50**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic FGS. Biotite content much higher than typical FGC. Minor qtz flooding/veining throughout. Minor Po and Py pervasively. Sharp gradual upper and lower contacts. No garnets but resembles GBFG in composition but not texture.	C66369	1251	1251.5	0.5	0.064	AGAT_FAICP		
1251.50	**1252.09**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained weakly foliated almost completely altered AMP. No sulfides observed and sericitic and chloritic alteration throughout. Sharp gradual contacts.	C66370	1251.5	1252.09	0.59	0.018	AGAT_FAICP		
1252.09	**1257.58**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic FGS. Biotite content much higher than typical FGC. Minor qtz flooding/veining throughout. Minor Po and Py pervasively. Sharp gradual upper and lower contacts. No garnets but resembles GBFG in composition but not texture. Felsic clasts obviously conglomeratic. Decreased clast abundance in the lower meter.	C66371	1252.09	1253	0.91	0.094	AGAT_FAICP		
			C66373	1253	1254	1	0.045	AGAT_FAICP		
			C66374	1254	1255	1	0.038	AGAT_FAICP		
			C66375	1255	1256	1	0.123	AGAT_FAICP		
			C66376	1256	1257	1	0.093	AGAT_FAICP		
			C66377	1257	1257.58	0.58	0.198	AGAT_FAICP		
1257.58	**1266.30**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** Medium to coarse grained moderately foliated biotite garnet muscovite silliminite rich GBFG with numerous QVs and qtz flooding. Garnets vary is size and abundance. Several cm scale Lamps around the larger lamp. Po and Py throughout.	C66379	1257.58	1258	0.42	1.94	AGAT_FAICP		
			C66380	1258	1258.5	0.5	1.87	AGAT_FAICP		
			C66381	1258.5	1258.97	0.47	3.62	AGAT_FAICP	Yes	
			C66382	1258.97	1259.3	0.33	3.39	AGAT_FAICP	Yes	
			C66384	1259.3	1260	0.7	0.768	AGAT_FAICP		
			C66385	1260	1260.5	0.5	3.55	AGAT_FAICP		
			C66387	1260.5	1261	0.5	1.24	AGAT_FAICP		
			C66388	1261	1261.5	0.5	0.94	AGAT_FAICP		
			C66389	1261.5	1262	0.5	1.03	AGAT_FAICP		
			C66390	1262	1262.5	0.5	0.921	AGAT_FAICP		
			C66391	1262.5	1263	0.5	0.796	AGAT_FAICP		
			C66393	1263	1263.5	0.5	0.475	AGAT_FAICP		
			C66394	1263.5	1264	0.5	0.656	AGAT_FAICP		
			C66395	1264	1264.5	0.5	1.29	AGAT_FAICP		
			C66396	1264.5	1265	0.5	2.3	AGAT_FAICP		
			C66397	1265	1265.5	0.5	1.04	AGAT_FAICP		
			C66399	1265.5	1266.3	0.8	1.61	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1266.30	**1267.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained massive magnetic carbonate and biotite rich LAMP. No sulfides. Altered lower contact.	C66400	1266.3	1267.25	0.95	0.01	AGAT_FAICP		
1267.25	**1269.86**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained moderately foliated biotite garnet muscovite silliminite rich GBFG with numerous QVs and qtz flooding. Garnets vary is size and abundance. Two specs of VG observed. Several cm scale Lamps around the larger lamp. Po and Py throughout. Sharp gradual lower contact. Sharp upper contact.	C66401	1267.25	1268	0.75	1.93	AGAT_FAICP		
			C66402	1268	1268.5	0.5	15.1	AGAT_FAGRA		
			C66403	1268.5	1269	0.5	1.35	AGAT_FAICP	Yes	
			C66404	1269	1269.5	0.5	3.85	AGAT_FAICP		
			C66405	1269.5	1269.86	0.36	1.49	AGAT_FAICP		
1269.86	**1270.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive dark grey magnetic LAMP dyke. No sulfides.								
1270.10	**1273.10**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic altered FGC. Mineralogy resembles GBFG with increased bio sil musc and garnets. Conglomeratic texture observed where banding and clasts visible. Minor Po and Py pervasively. Few small carbonate veinlets and small alteration halos. Non magnetic. Sharp upper and lower contacts.	C66407	1269.86	1271	1.14	0.234	AGAT_FAICP		
			C66408	1271	1272	1	0.312	AGAT_FAICP		
			C66409	1272	1273.1	1.1	0.592	AGAT_FAICP		
1273.10	**1273.55**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse moderately foliated biotite garnet silliminite muscovite rich grey and black GBFG. Po and Py mineralization pervasively. Grain size and abundance garnet sil and musc varies. Sill and Amp crystals stretched along foliation planes. Gradational contact with lower GBFG unit containing increased QVs and qtz flooding.	C66410	1273.1	1273.55	0.45	12.1	AGAT_FAGRA		
1273.55	**1274.10**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 vein within a GBFG unit. GBFG laminations within the vein and qtz flooding gradual contacts. Po and Py pervasively.	C66411	1273.55	1274.1	0.55	4.7	AGAT_FAGRA		
1274.10	**1283.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse moderately foliated biotite garnet silliminite muscovite rich grey and black GBFG. Po and Py mineralization pervasively. Grain size and abundance garnet sil and musc varies. Sill and Amp crystals stretched along foliation planes. Gradational contact with lower GBFG unit containing increased QVs and qtz flooding.	C66413	1274.1	1274.5	0.4	4.13	AGAT_FAICP		
			C66414	1274.5	1275	0.5	2.4	AGAT_FAICP		
			C66415	1275	1275.5	0.5	4.4	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66416	1275.5	1276	0.5	5.1	AGAT_FAGRA		
			C66417	1276	1276.38	0.38	2.85	AGAT_FAICP		
			C66419	1276.38	1277.2	0.82	3.48	AGAT_FAICP		
			C66420	1277.2	1277.6	0.4	19.1	AGAT_FAGRA		
			C66421	1277.6	1278	0.4	3.46	AGAT_FAICP		
			C66422	1278	1278.5	0.5	4.63	AGAT_FAICP		
			C66423	1278.5	1279	0.5	3.36	AGAT_FAICP		
			C66424	1279	1279.5	0.5	2.43	AGAT_FAICP		
			C66425	1279.5	1280	0.5	2.06	AGAT_FAICP		
			C66427	1280	1280.5	0.5	1.7	AGAT_FAICP		
			C66428	1280.5	1281	0.5	4.69	AGAT_FAICP		
			C66429	1281	1281.5	0.5	0.673	AGAT_FAICP		
			C66430	1281.5	1282	0.5	4.48	AGAT_FAICP		
			C66431	1282	1282.5	0.5	2.45	AGAT_FAICP		
			C66433	1282.5	1283	0.5	1.87	AGAT_FAICP		
1283.00	**1284.15**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C66434	1283	1283.35	0.35	36.3	AGAT_FAGRA	Yes	
Medium to coarse grained moderately foliated biotite muscovite silliminite garnet rich GBFG with laminated qtz flooding and deformed qtz veining containing serveral coarse and fine VG flecks. Veining parallel to foliation. Sharp lower contact. Po and Py pervasive. More Po than Py.			C66436	1283.35	1283.85	0.5	9.28	AGAT_FAGRA		
			C66437	1283.85	1284.15	0.3	18.9	AGAT_FAGRA		
1284.15	**1284.43**	**(AMP) Amphibolite, ( )**	C66439	1284.15	1284.45	0.3	2.03	AGAT_FAICP		
Fine to coarse strongly foliated porphyroblastic AMP. Minor Po and Py. Folded and crenulated foliation. Contacts sharp and parallel to foliaions. Non magneitc.										
1284.43	**1285.70**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C66440	1284.45	1284.9	0.45	1.21	AGAT_FAICP		
Laminated slightly banded QV1 with pervasive Po and Py. No visible VG. Feldspars in minor amounts. Gradual lower contacts. Sharp upper contact.			C66441	1284.9	1285.25	0.35	1.91	AGAT_FAICP		
			C66442	1285.25	1285.7	0.45	4.04	AGAT_FAICP		
1285.70	**1287.95**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	C66443	1285.7	1286.3	0.6	1.17	AGAT_FAICP		
qtz rich PEG with coarse to very coarse grained biotite crystals. Gradual upper contact with QV1. Difficult to accutrately define contact. Amp observed within as fine grained crystals			C66444	1286.3	1287	0.7	0.62	AGAT_FAICP		
			C66445	1287	1287.5	0.5	0.114	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
within the vein locally. Sharp lower contact. Minor Py and Po. More Po than Py.			C66447	1287.5	1287.95	0.45	0.116	AGAT_FAICP		
1287.95	**1288.77**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine to medium grained moderately foliated DioP1. Plag porhs within a finer grained matrix. Sharp upper and lower contacts. No sulfides.	C66448	1287.95	1288.77	0.82	1.23	AGAT_FAICP		
1288.77	**1288.92**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse moderately foliated biotite grey and black GBFG. Po and Py mineralization pervasively. Sharp contacts with upper and lower dioP1. qtz and QF laminations within GBFG.								
1288.92	**1289.09**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Folded DioP1 unit. Plag porphs within a fine grained biotite rich matrix. A small QV within the fold hinge in the center. No sulfides.	C66449	1288.77	1289.1	0.33	0.989	AGAT_FAICP		
1289.09	**1289.70**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse moderately foliated biotite grey and black GBFG. Po and Py mineralization pervasively. Sharp contacts with upper and lower dioP1. qtz and QF laminations within GBFG.	C66450	1289.1	1289.7	0.6	0.246	AGAT_FAICP		
1289.70	**1290.62**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Porphyritic DioP1 unit with sharp contacts and a white massive deformed QV2 vein near the lower contact. No sulfides.	C66451	1289.7	1290.62	0.92	0.533	AGAT_FAICP		
1290.62	**1292.30**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse grained qtz rich PEG vein with melt texture along the lower gradational contact where very coarse biotite crystals increase in abundance as if the minerals of the adjcent GBFG were growing and bleeding into the PEG/melt. Minor Po and Py pervasively with locally high concrentrations where biotite content increases.	C66453 C66454 C66455	1290.62 1291 1291.7	1291 1291.7 1292.3	0.38 0.7 0.6	0.048 0.985 0.108	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
1292.30	**1292.76**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse moderately foliated biotite grey and black GBFG. Po and Py mineralization pervasively. Gradational contacts with PEG units where biotite increases in	C66456	1292.3	1292.76	0.46	0.646	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
abundance and grain size.										
1292.76	**1293.00**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	C66457	1292.76	1293.16	0.4	0.032	AGAT_FAICP		
Coarse grained white and grey PEG vein with diffuse contacts. Minor Po and Py.										
1293.00	**1294.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C66459	1293.16	1294	0.84	0.09	AGAT_FAICP		
Medium to coarse moderately foliated biotite grey and black GBFG. Po and Py mineralization pervasively. Gradational contacts with QV2 and PEG veins.										
1294.00	**1294.59**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)**	C66460	1294	1294.59	0.59	0.535	AGAT_FAICP		
Massive white Qtz rich PEG vein with large Po patches within. Sharp contacts.										
1294.59	**1296.37**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C66461	1294.59	1295	0.41	0.597	AGAT_FAICP		
Fine to medium grained moderately foliated green footwall Amp. Minor Po. No Py. Few small carb veinlets with small alteration halos. CPX and hornblend content varies slightly resulting in minor compositional banding. No magnetic.			C66462	1295	1295.7	0.7	0.672	AGAT_FAICP		
			C66463	1295.7	1296.37	0.67	0.512	AGAT_FAICP		
1296.37	**1297.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66464	1296.37	1297.05	0.68	0.262	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS with sharp contacts. Trace Po. Non magnetic. Minor biotite.										
1297.05	**1298.71**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C66465	1297.05	1298	0.95	0.685	AGAT_FAICP		
Fine to medium grained moderately foliated green footwall Amp. Minor Po. No Py. Few small carb veinlets with small alteration halos. CPX and hornblend content varies slightly resulting in minor compositional banding. No magnetic.			C66467	1298	1298.71	0.71	0.811	AGAT_FAICP		
1298.71	**1299.21**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)**	C66468	1298.71	1299.21	0.5	0.302	AGAT_FAICP		
Small PEG vein with coarse biotite and gradual contacts. Minor Po.										
1299.21	**1308.60**	**(AMP) Amphibolite, ( )**	C66469	1299.21	1300	0.79	0.911	AGAT_FAICP		
Fine to medium grained moderately foliated green footwall Amp. Minor Po. No Py. Few small										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		carb veinlets with small alteration halos. CPX and hornblend content varies slightly resulting in minor compositional banding. No magnetic.	C66470	1300	1301	1	0.607	AGAT_FAICP		
			C66471	1301	1302	1	0.443	AGAT_FAICP		
			C66473	1302	1303	1	0.947	AGAT_FAICP		
			C66474	1303	1304	1	0.441	AGAT_FAICP		
			C66475	1304	1305	1	0.384	AGAT_FAICP		
			C66476	1305	1306	1	0.397	AGAT_FAICP		
			C66477	1306	1307	1	0.056	AGAT_FAICP		
			C66479	1307	1308	1	0.386	AGAT_FAICP		
			C66480	1308	1308.6	0.6	0.423	AGAT_FAICP		
1308.60	**1312.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66481	1308.6	1309	0.4	0.417	AGAT_FAICP		
		Fine to grained moderately foliated grey FGS. Locally medium grained texture and silicification. Several dark grey fractures observed in silicified areas. Sharp upper and lower contacts. contains one small QV2. Minor fine diss Po.	C66482	1309	1310	1	0.127	AGAT_FAICP		
			C66483	1310	1311	1	0.188	AGAT_FAICP		
			C66484	1311	1312.05	1.05	0.358	AGAT_FAICP		
1312.05	**1315.10**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C66485	1312.05	1313	0.95	0.552	AGAT_FAICP		
		Fine to medium grained moderately foliated green footwall Amp. Minor Po. No Py. Few small carb veinlets with small alteration halos. CPX and hornblend content varies slightly resulting in minor compositional banding. No magnetic.	C66487	1313	1314	1	0.291	AGAT_FAICP		
			C66488	1314	1315.1	1.1	0.086	AGAT_FAICP		
1315.10	**1316.02**	**(QFP) Quartz Feldspar Porphyry, ( )**	C66489	1315.1	1316.02	0.92	0.158	AGAT_FAICP		
		Porphyritic dark grey mafic QFP with large plag porphs and a heavy mafic matrix. Trace Po. Moderately magnetic. Sharp upper and lower contacts.								
1316.02	**1319.91**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C66490	1316.02	1317	0.98	0.1	AGAT_FAICP		
		Fine to medium grained moderately foliated green footwall Amp. Minor Po. No Py. Few small carb veinlets with small alteration halos. CPX and hornblend content varies slightly resulting in minor compositional banding. Weakly magnetic locally.	C66491	1317	1318	1	0.05	AGAT_FAICP		
			C66493	1318	1319	1	0.153	AGAT_FAICP		
			C66494	1319	1319.91	0.91	0.797	AGAT_FAICP		
1319.91	**1322.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66495	1319.91	1321	1.09	0.714	AGAT_FAICP		
		Fine to coarse grained moderately foliated grey banded FGS with Amp porphyroblasts within more felsic bands. Amp porphs look as though they are depleating the mafic elements around them resulting in more felsic bands as they grow. Trace Po. Non magnetic.	C66496	1321	1322	1	0.429	AGAT_FAICP		
			C66497	1322	1322.7	0.7	0.442	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1322.70	**1325.80**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C66499	1322.7	1324	1.3	0.638	AGAT_FAICP		
Fine to medium grained moderately foliated slightly banded and patchy footwall AMP. Trace Po. CPX patches locally within a green Amp rich unit. Sharp gradual upper and lower contacts. Weakly to moderately magnetic.			C66500	1324	1325	1	0.178	AGAT_FAICP		
			C66501	1325	1325.8	0.8	0.111	AGAT_FAICP		
1325.80	**1338.26**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66502	1325.8	1327	1.2	0.048	AGAT_FAICP		
Fine to coarse grained moderately foliated weakly porphyritic grey FGS. Trace Po. Sharp lower contact with PEG. Sharp gradual upper contact with AMP. Weak banding. Not conglomeratic.			C66503	1327	1328	1	0.053	AGAT_FAICP		
			C66504	1328	1329	1	0.032	AGAT_FAICP		
			C66505	1329	1330	1	0.015	AGAT_FAICP		
			C66507	1330	1331	1	0.02	AGAT_FAICP		
			C66508	1331	1332	1	0.051	AGAT_FAICP		
			C66509	1332	1333	1	0.024	AGAT_FAICP		
			C66510	1333	1334	1	0.012	AGAT_FAICP		
			C66511	1334	1335	1	0.008	AGAT_FAICP		
			C66513	1335	1336	1	0.013	AGAT_FAICP		
			C66514	1336	1337	1	0.022	AGAT_FAICP		
			C66515	1337	1338.26	1.26	0.161	AGAT_FAICP		
1338.26	**1338.96**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C66516	1338.26	1338.96	0.7	0.04	AGAT_FAICP		
Coarse grained PEG. Minor PEG veining within the FGS unit slightly above the upper contact. No observable sulfides.										
1338.96	**1341.08**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C66517	1338.96	1340	1.04	0.013	AGAT_FAICP		
Fine to medium grained moderately foliated slightly banded and patchy footwall AMP. Trace Po. CPX patches locally within a green Amp rich unit. Sharp gradual lower contacts. Sharp upper contact. Weakly to moderately magnetic.			C66519	1340	1341	1	0.011	AGAT_FAICP		
1341.08	**1341.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C66520	1341	1341.6	0.6	0.004	AGAT_FAICP		
Fine to coarse grained moderately foliated weakly porphyritic grey FGS. Trace Po. Sharp lower contact with PEG. Sharp gradual upper contact with AMP. Weak banding. Not conglomeratic.										
1341.60	**1342.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C66521	1341.6	1342.5	0.9	0.012	AGAT_FAICP		
Fine to medium grained strongly magnetic LAMP with xenoliths. Sharp contacts.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1342.50	**1343.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated fractured FGS. Dark grey fractures throughout. Sharp LAMP contacts upper and lower.	C66522	1342.5	1343.8	1.3	0.011	AGAT_FAICP		
1343.80	**1344.68**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark grey magnetic LAMP dyke. Sharp contacts.	C66523	1343.8	1344.68	0.88	0.004	AGAT_FAICP		
1344.68	**1356.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated weakly porphyritic grey FGS. Trace Po. Sharp gradual lower contact with AMP. Weak banding. Not conglomeratic. Amp porphs within felsic bands as if their growth collected more mafic elements.	C66524	1344.68	1346	1.32	0.016	AGAT_FAICP		
			C66525	1346	1347	1	0.075	AGAT_FAICP		
			C66527	1347	1348	1	0.103	AGAT_FAICP		
			C66528	1348	1349	1	0.069	AGAT_FAICP		
			C66529	1349	1350	1	0.042	AGAT_FAICP		
			C66530	1350	1351	1	0.017	AGAT_FAICP		
			C66531	1351	1352	1	0.019	AGAT_FAICP		
			C66533	1352	1353	1	0.01	AGAT_FAICP		
			C66534	1353	1354	1	0.012	AGAT_FAICP		
			C66535	1354	1355	1	0.008	AGAT_FAICP		
			C66536	1355	1356	1	0.004	AGAT_FAICP		
			C66537	1356	1356.5	0.5	0.006	AGAT_FAICP		
1356.50	**1357.60**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Fine to medium grained moderately foliated slightly banded and patchy footwall AMP. Trace Po. CPX patches locally within a green Amp rich unit. Sharp gradual upper and lower contacts. Weakly to moderately magnetic.	C66539	1356.5	1357.6	1.1	0.002	AGAT_FAICP		
1357.60	**1368.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated weakly porphyritic grey FGS. Trace Po. Sharp gradual lower contact with AMP. Weak banding. Not conglomeratic. Amp porphs within felsic bands as if their growth collected more mafic elements. EOH = 1368.0m	C66540	1357.6	1358	0.4	0.018	AGAT_FAICP		
			C66541	1358	1359	1	0.007	AGAT_FAICP		
			C66542	1359	1360	1	0.007	AGAT_FAICP		
			C66543	1360	1361	1	0.005	AGAT_FAICP		
			C66544	1361	1362	1	0.023	AGAT_FAICP		
			C66545	1362	1363	1	0.022	AGAT_FAICP		
			C66547	1363	1364	1	0.03	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C66548	1364	1365	1	0.052	AGAT_FAICP		
			C66549	1365	1366	1	0.016	AGAT_FAICP		
			C66550	1366	1367	1	0.007	AGAT_FAICP		
			C66551	1367	1368	1	0.009	AGAT_FAICP		

Newmont

Geological Description with Assays

Hole ID : **BL19-01088**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :		Easting :	334237.5	Logged By :	Christine.Shultis
Dip :		Northing :	5303848.89	Logged By 2 :	Brad.Clarke
Length :	1533	Elevation :	440.75	Log Start :	8-Jun-2019
Drill Start :	4-Jun-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	18-Jul-2019
Drill Completed :	1-Jul-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Logged by C. Shultis; B. Clarke; T. Compton; W. Gerber. Hanging wall contained similar package of rocks intersected by adjacent holes. Upper section intersected several fault zones. Around 900-1000m several Amp units had converging contacts and foliation flipped several times. Could be evidence of folding. Weak to moderate mineralized interval from 1411 to 1461.37m with dominant FGG and minor GBFG levels; all moderately to strongly pervasively silicified (some possible QV1 throughout; to be confirmed with assay results; look like PEG-QG). Major fault zone (Swamp fault system) from 1466 to 1470m with multiple fault breccia and probable early localized shear zones reactivated as brittle faults.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**43.40**	**(OB) Overburden, ( )**								
44m NW casing.										
43.40	**67.26**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FMG weakly foliated FGS. Feldspar and variable amphibole concentration. Common narrow white quartz veins. Common mm scale to cm scale green dykes 56-63m and 64-65.3m. Intervals with strong epidote alteration near lower contact.										
67.26	**92.05**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
Amphibole rich polymictic conglomerate. Clast rich banded intervals intermix matrix rich intervals. Common mm scale to cm scale green dykes74.27-74.6m and 77.7-79.42m; occasional dykes between.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

92.05 147.70 (FGS) Felsic Gneiss Sedimentary, ( )

FMG weakly to moderately foliated FGS. Mm to cm scale green dykes 95.5-98.15m. Faulted FGS has feldspar where visible; much of the texture is obscured. Fault evidenced by a wide interval of breccia and gouge.

147.70 151.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke. Abundant carbonate veinlets.

151.00 158.80 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with very little observable texture. Common healed fractures and HM alteration. Common carbonate veinlets.

158.80 175.60 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate is dominantly clast supported. Variable amphibole and biotite concentration. Occasional mm scale green dykes throughout. Broken intervals appear to be mechanical although there are natural fractures throughout.

175.60 182.70 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with felsdpar. HM alteration associated with rare fractures.

182.70 187.10 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with carbonate veinlets. Upper contact is broken.

187.10 189.70 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS with feldspar and amphibole. Fractures and observable displacement near upper contact with dyke.

189.70 193.50 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate is dominantly clast supported. Biotite and amphibole concentration vary throughout.

193.50 200.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fairly equigranular FGS with feldspar and amphibole. HM alteration near lower contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

200.00 207.10 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Variable biotite and amphibole concentrations. PEG near upper contact. Rare healed fractures. Weakly to moderately HM altered.

207.10 208.75 (FGS) Felsic Gneiss Sedimentary, ( )

MG FGS with feldspar and amphibole. Weakly to moderately HM altered.

208.75 210.80 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Rare healed fractures. Weakly to moderately HM altered.

210.80 213.75 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS. Diffuse contacts. Weakly to moderately HM altered.

213.75 216.40 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Weakly to moderately HM altered. Fault gouge at 215.7m.

216.40 223.40 (FGS) Felsic Gneiss Sedimentary, ( )

MCG FGS with feldspar and amphibole. Fault gouge at 217.3m.

223.40 224.80 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Occasional healed fractures.

224.80 226.60 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with carbonate veinlets.

226.60 259.10 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate with rare intervals that are matrix-rich. Biotite and amphibole variable throughout. Rare cpx bands. Occasional fractures throughout or sometimes healed. Rare quartz veins less than 5cm wide. Lamprophyre dyke 227.6-227.84m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

259.10 259.74 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS with amphibole.

259.74 260.60 (QFP) Quartz Feldspar Porphyry, ( )

QFP.

260.60 261.20 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS with amphibole. Weakly to moderately foliated.

261.20 261.90 (QFP) Quartz Feldspar Porphyry, ( )

QFP.

261.90 265.75 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS with amphibole. Weakly to moderately foliated. Rare Narrow intervals with possible clasts; possibly matrix-rich bed of the conglomerate below.

265.75 269.00 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Variable biotite and amphibole concentrations.

269.00 275.80 (FGS) Felsic Gneiss Sedimentary, ( )

MG FGS with weakly developed melt texture. Common PEG less than 5cm wide.

275.80 281.20 (FGS) Felsic Gneiss Sedimentary, ( )

FMG FGS. Occasional narrow bands are possible clasts. Gradational upper contact.

281.20 283.85 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Variable biotite and amphibole.

283.85 285.70 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

FMG moderately foliated FGS. Possible clasts.

285.70 296.90 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Variable biotite and amphibole.

296.90 298.10 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Massive to weakly foliated AMPIN. Broken core at 298m appears to be a narrow and weak fault.

298.10 300.30 (FGS) Felsic Gneiss Sedimentary, ( )

FMG massive to weakly foliated FGS. 299-299.4m is weakly porphyritic with fairly sharp contacts. Moderately HM altered.

300.30 302.80 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG AMPIN. Variable amphibole concentration.

302.80 313.30 (QFP) Quartz Feldspar Porphyry, ( )

QFP with subrounded quartz/feldspar phenocrysts. Weakly to moderately HM altered; alteration associated with fractures and carbonate veinlets.

313.30 314.40 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with green chill margins. Uneven upper contact.

314.40 323.40 (QFP) Quartz Feldspar Porphyry, ( )

QFP. Subrounded quartz/feldspar phenocrysts decrease downhole. Weakly to moderately HM altered; alteration associated with fractures and carbonate veinlets. Q2 and PEG throughout.

323.40 324.50 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG moderately foliated AMPIN. Amphibole gradually decreases downhole into gneissic banding.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

324.50 327.00 (FGS) Felsic Gneiss Sedimentary, ( )

FMG weakly to moderately foliated FGS.

327.00 335.80 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Narrow healed breccia at 328m.

335.80 336.50 (QFP) Quartz Feldspar Porphyry, ( )

Typical QFP with subrounded to euhedral quartz and feldspar phenocrysts.

336.50 349.10 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Variable biotite and amphibole throughout. QFP/POR.

349.10 354.50 (QFP) Quartz Feldspar Porphyry, ( )

QFP with subrounded to euhedral phenocrysts. HM alteration associated with carbontae veinlets.

354.50 355.10 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG weakly foliated AMPIN. Sharp contacts.

355.10 356.90 (QFP) Quartz Feldspar Porphyry, ( )

QFP with subrounded to euhedral phenocrysts. Moderately HM altered. Common healed fractures.

356.90 381.60 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Less amphibole than seen in conglomerates above.

381.60 383.40 (FGS) Felsic Gneiss Sedimentary, ( )

MG FGS is fairly quartz rich with abundant feldspar (plagioclase and k-spar); not a typical texture for FGS.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

383.40 395.40 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Variable biotite and amphibole concentrations.

395.40 397.80 (FGS) Felsic Gneiss Sedimentary, ( )

MCG weakly to moderately foliated FGS. Common veinlets with alteration halos.

397.80 399.90 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic paraconglomerate. Slight increase in PY from conglomerates above.

399.90 410.00 (QFP) Quartz Feldspar Porphyry, ( )

Massive to weakly foliated QFP. Phenocrysts are subrounded to euhedral. Green lamprophyre dyke 405.4-405.7m.

410.00 425.20 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate. Increased amphibole from conglomerates above; rare garnets concentrated in bands.

425.20 434.25 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre dyke with carbonate veinlets.

434.25 434.65 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic orthoconglomerate.

434.65 436.30 (FGS) Felsic Gneiss Sedimentary, ( )

MG weakly to moderately foliated FGS.

436.30 441.15 (FGC) Felsic Gneiss Conglomerate, ( )

Amphibole rich polymictic orthoconglomerate.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

441.15 441.45 (FGS) Felsic Gneiss Sedimentary, ( )

MG biotite rich FGS intermixing PEG in cm scale bands.

441.45 442.20 (PEG) Pegmatite, ( )

PEG with trace PY.

442.20 446.00 (FGS) Felsic Gneiss Sedimentary, ( )

MCG quartz rich FGS. Weakly porphyritic with diffuse grain boundaries.

446.00 446.40 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate.

446.40 446.90 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG AMPIN. Variable amphibole concentration. No visible sulphides.

446.90 459.00 (FGS) Felsic Gneiss Sedimentary, ( )

MCG quartz rich FGS. Weakly porphyritic with diffuse grain boundaries. Amphibole present 446.9-449.46; AMP band 449.46-449.6m. Bands of AMPIN 457.1-457.15m; 458.45-458.7m. Upper contact is gradational decrease in amphibole. Narrow breccia at lower contact.

459.00 460.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG weakly foliated AMPIN.

460.00 487.00 (FGS) Felsic Gneiss Sedimentary, ( )

MCG quartz rich FGS. Weakly porphyritic with diffuse grain boundaries. Narrow lamprophyre (~2cm wide) dykes crosscutting roughly parallel to core axis 468-470m and 476-476.8m. Rare white quartz veins.

487.00 488.20 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG moderately foliated AMPIN.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
	-									

488.20 489.00 (FGS) Felsic Gneiss Sedimentary, ( )

MCG quartz rich FGS. Weakly porphyritic with diffuse grain boundaries.

489.00 498.20 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate. Bands of Garnet Biotite and bands of AMP. Fault gouge at 494m.
AMP band at lower contact.

498.20 499.20 (QFP) Quartz Feldspar Porphyry, ( )

QFP with subrounded to euhedral phenocrysts.

499.20 499.70 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate.

499.70 500.90 (QFP) Quartz Feldspar Porphyry, ( )

QFP with subrounded to euhedral phenocrysts.

500.90 501.80 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate.

501.80 509.00 (QFP) Quartz Feldspar Porphyry, ( )

QFP with subrounded to euhedral phenocrysts. AMP band 507.27-507.46m.

509.00 511.10 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate is less banded (appears to be less strained) than conglomerates above.

511.10 512.30 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained FGS. Arbitrary upper contact where no more clasts are visible.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

512.30 514.00 (DIO) Diorite, ( )

Medium grained porphyritic DIO with quartz and feldspar phenocrysts. Amphibole throughout.

514.00 514.70 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FMG weakly to moderately foliated AMPIN. Fault gouge at lower contact.

514.70 520.95 (DIO) Diorite, ( )

MG porphyritic diorite with quartz and feldspar phenocrysts. AM throughout. AMPIN 519.8-519.98m. Strong HM alteration 517-517.7m associated with healed fractures.

520.95 521.90 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

FM weakly to moderately foliated AMPIN.

521.90 525.85 (DIO) Diorite, ( )

MG porphyritic DIO with quartz and feldspar phenocrysts. Amphibole throughout. AMPIN bands 523.4-523.6m and 523.95-524.36m. Conglomerate 524.44-.57m.

525.85 528.50 (FGC) Felsic Gneiss Conglomerate, ( )

Polymictic conglomerate. Decreased amphibole from conglomerates above; less strained than conglomerates above.

528.50 533.60 (FGS) Felsic Gneiss Sedimentary, ( )

MG weakly foliated FGS. Common PEG and rare QV are typically 2-3cm wide. PEG at upper contact.

533.60 534.10 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG with trace PY.

534.10 557.40 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
MG weakly to moderately foliated FGS. Weakly developed melt texture; occasional felsic bands <1cm throughout. AMP 555.8-556.01m.										
557.40	**558.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
FMG weakly foliated AMPIN.										
558.25	**568.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
MG weakly to moderately foliated FGS. Weakly developed melt texture; occasional felsic bands <1cm throughout. Common intermixing PEG 560.9-563.5m.										
568.90	**569.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
PEG. No visible sulphides. Uneven contacts.										
569.50	**600.70**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**								
Medium grained moderately foliated FGS. Abundant intervals of PEG/recrystallized quartz veins. Weakly developed melt texture; occasional felsic bands <1cm throughout AMPIN 572.9-573.15m; 587.34-.5m and 591-591.07m; narrow AMPIN bands near lower contact. Narrow breccia at 587.5m and strong HM alteration 587.5-589m.										
600.70	**602.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
FMG weakly to moderately foliated AMPIN. Narrow PEG intervals.										
602.70	**603.10**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
PEG/possible recrystallized quartz vein. Narrow breccia.										
603.10	**612.30**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**								
FMG moderately foliated FGS. Intermixing PEG. Weakly developed melt texture; occasional felsic bands <1cm throughout. AMPIN 609.85-610.2m and 612.15-612.3m.										
612.30	**613.90**	**(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)								
		PEG with uneven contacts. No visible sulphides.								
613.90	**636.27**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FMG weakly to moderately foliated FGS. Weakly developed melt texture; occasional felsic bands <1cm throughout; occasional PEG intervals <5cm. AMP 624.35-.45m. Green dykes crosscutting 629.75-630m; 631.7-631.8m. No visible sulphides.								
636.27	**638.80**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**								
		MG weakly foliated FGS with amphibole.								
638.80	**663.10**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**								
		MG weakly to moderately foliated FGS. Weakly developed melt texture with intermixing PEG/QV.								
663.10	**663.60**	**(DIO) Diorite, ( )**								
		MCG porphyritic diorite. No visible sulphides.								
663.60	**666.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MG weakly to moderately foliated FGS.								
666.50	**667.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		PEG with trace PY.								
667.30	**669.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		MG weakly to moderately foliated FGS. Variable melt texture throughout.								
669.70	**670.85**	**(DIO) Diorite, ( )**								
		MG weakly porphyritic DIO. No visible sulphides.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
670.85	**681.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** MG weakly to moderately foliated FGS. Weakly developed melt texture with rare PEG/QV <5cm wide.								
681.75	**690.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** MCG weakly to moderately foliated FGS. Weakly developed melt texture. Minor PY.	C63533	689	690	1	0.01	AGAT_FAICP		
690.00	**691.00**	**(AMP) Amphibolite, ( )** Fine grained AMP. Patchy cpx; PY and PO. Moderately magnetic throughout.	C63534	690	691	1	0.014	AGAT_FAICP		
691.00	**691.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** MG weakly to moderately foliated FGS. Minor PY and trace PO. Variable amphibole throughout.	C63535	691	691.9	0.9	0.011	AGAT_FAICP		
691.90	**693.00**	**(AMP) Amphibolite, ( )** FG AMP with patch cpx. Moderately magnetic. PY and PO.	C63536	691.9	693	1.1	0.014	AGAT_FAICP		
693.00	**698.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** MG weakly to moderately foliated FGS. Bands with concentrated biotite and/or amphibole range from <1cm to ~5cm wide. Minor PY and trace PO. Variable amphibole throughout. PEG at lower contact with PY and PO.	C63537	693	694	1	0.017	AGAT_FAICP		
			C63539	694	695	1	0.005	AGAT_FAICP		
			C63540	695	696	1	0.012	AGAT_FAICP		
			C63541	696	697	1	0.017	AGAT_FAICP		
			C63542	697	697.8	0.8	0.014	AGAT_FAICP		
			C63543	697.8	698.17	0.37	0.019	AGAT_FAICP		
			C63544	698.17	698.5	0.33	0.043	AGAT_FAICP		
698.50	**708.60**	**(AMP) Amphibolite, ( )** FMG amphibolite. Moderately magnetic. PY and PO. 701.3-701.43m PEG; .43-.5m FGS; .5-.6m PEG.	C63545	698.5	699.3	0.8	0.027	AGAT_FAICP		
			C63547	699.3	700.2	0.9	0.104	AGAT_FAICP		
			C63548	700.2	701	0.8	0.012	AGAT_FAICP		
			C63549	701	701.7	0.7	0.011	AGAT_FAICP		
			C63550	701.7	702.7	1	0.007	AGAT_FAICP		
			C63651	702.7	703.6	0.9	0.005	AGAT_FAICP		
			C63653	703.6	704.6	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C63654	704.6	705.6	1	0.005	AGAT_FAICP		
			C63655	705.6	706.6	1	0.008	AGAT_FAICP		
			C63656	706.6	707.6	1	0.008	AGAT_FAICP		
			C63657	707.6	708.6	1	0.009	AGAT_FAICP		
708.60	**710.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63659	708.6	709.5	0.9	0.011	AGAT_FAICP		
MG FGS. Weakly porphyritic. Ptygmatic mm scale vein. Quartz rich melt with biotite and minor amphibole 709.08-.27m.			C63660	709.5	710.4	0.9	0.008	AGAT_FAICP		
710.40	**716.60**	**(AMP) Amphibolite, ( )**	C63661	710.4	711.5	1.1	0.008	AGAT_FAICP		
FG amphibolite. Moderately magnetic. PY and PO.			C63662	711.5	712.6	1.1	0.008	AGAT_FAICP		
			C63663	712.6	713.6	1	0.008	AGAT_FAICP		
			C63664	713.6	714.6	1	0.01	AGAT_FAICP		
			C63665	714.6	715.6	1	0.013	AGAT_FAICP		
			C63667	715.6	716.6	1	0.009	AGAT_FAICP		
716.60	**720.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63668	716.6	717.5	0.9	0.01	AGAT_FAICP		
MG weakly foliated FGS. Narrow bands/clots of PEG.			C63669	717.5	718.4	0.9	0.011	AGAT_FAICP		
			C63670	718.4	719.3	0.9	0.015	AGAT_FAICP		
			C63671	719.3	720.3	1	0.016	AGAT_FAICP		
720.30	**724.00**	**(AMP) Amphibolite, ( )**	C63673	720.3	721.2	0.9	0.006	AGAT_FAICP		
FMG AMP. Patchy cpx. Uneven upper contact.			C63674	721.2	722	0.8	0.011	AGAT_FAICP		
			C63675	722	723	1	0.021	AGAT_FAICP		
			C63676	723	723.6	0.6	0.022	AGAT_FAICP		
			C63677	723.6	724	0.4	0.024	AGAT_FAICP		
724.00	**725.45**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C63679	724	724.8	0.8	0.008	AGAT_FAICP		
PY and PO near lower contact.			C63680	724.8	725.45	0.65	0.014	AGAT_FAICP		
725.45	**726.37**	**(AMP, QV) Amphibolite, Quartz Vein, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Medium grained AMP is the same as AMP above and below; with intermixing quartz veins. PY and PO throughout.			C63681	725.45	725.85	0.4	0.038	AGAT_FAICP		
			C63682	725.85	726.37	0.52	0.02	AGAT FAICP		
726.37	**726.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63683	726.37	726.8	0.43	0.008	AGAT_FAICP		
MG weakly to moderately foliated FGS. Biotite and amphibole present.										
726.80	**729.50**	**(AMP) Amphibolite, ( )**	C63684	726.8	727.7	0.9	0.012	AGAT_FAICP		
MG AMP. Weakly developed melt texture. PY and PO present.			C63685	727.7	728.6	0.9	0.009	AGAT_FAICP		
			C63687	728.6	729.5	0.9	0.018	AGAT_FAICP		
729.50	**731.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63688	729.5	730.2	0.7	0.012	AGAT_FAICP		
MG weakly foliated FGS. Minor PY.			C63689	730.2	731	0.8	0.014	AGAT_FAICP		
731.00	**731.90**	**(AMP) Amphibolite, ( )**	C63690	731	731.9	0.9	0.037	AGAT_FAICP		
Medium grained AMP. Weakly developed melt texture. PY and PO present.										
731.90	**746.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63691	731.9	732.9	1	0.027	AGAT_FAICP		
Mg weakly foliated FGS. Weakly porphyritic. Weakly developed melt texture; QV/PEG intervals <5cm wide intermixing.										
746.20	**746.75**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Coarse to very coarse pink PEG vein with sharp contacts oblique to foliation. No sulfides. Minor biotite. Granitic composition. Non magnetic.										
746.75	**748.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained weakly to moderately foliated grey FGS. Sharp upper and lower contact with pink PEG veins. Mainly qtz with minor feldspar and biotite. Trace sulfides. Few small qtz carb veinlets randomly crosscutting core with weak alteration halos.										
748.70	**749.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Coarse to very coarse pink PEG vein with sharp contacts oblique to foliation. No sulfides. Minor biotite. Granitic composition. Non magnetic.								
749.30	**750.37**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Sharp upper contact with pink PEG vein and Porphrytic Diorite. Mainly qtz with minor feldspar and biotite. Trace sulfides. Few small qtz carb veinlets randomly crosscutting core with weak alteration halos.								
750.37	**751.08**	**(DIO) Diorite, ( )** Fine to coarse grained weakly to moderately foliate grey porphrytic Dio. Short gradation contacts. 3-8mm white sub/anhedral plag porphs. Bio rich fine grained matrix. Trace to rare Py. Two small pink PEG veins within the unit. Non magnetic.								
751.08	**759.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Sharp contact with upper DIO and lower AMPIN. Mainly qtz with minor feldspar and biotite. Trace sulfides. Few small qtz carb veinlets randomly crosscutting core with weak alteration halos. Several small pink granitic PEG veins within unit. Portion of broken up core at 754.6m to 755.5m.								
759.00	**760.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained weakly foliated green biotite rich intermediate AMP. Weak banding observed as Amp content and form varies slightly. Weakly porphrytic locally as medium grained subhedral Amp porphs. Few very small white qtz carb veinlets with weak alteration halos. Trace Py. Sharp upper and lower contacts. Non magnetic.								
760.40	**767.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Sharp upper and lower contact with AMP units. Mainly qtz with minor feldspar and biotite. Trace sulfides. Few small qtz carb veinlets randomly crosscutting core with weak alteration halos. Minor compositional banding. Not conglomerate.								
767.25	**773.09**	**(AMP) Amphibolite, ( )** Fine to coarse grained weakly to moderately foliated porphrytic green AMP. Subhedral 2-4mm Amp porphs within a biotite and Amp rich matrix. Several white randomly oriented veinlets throughout with little to no alteration halos. No visible sulfides. Sharp upper and lower contacts. One strongly altered halo around a carbonate vein.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

773.09 796.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated locally porphyritic grey FGS. Sharp upper and lower contacts. Mainly qtz with minor feldspar and biotite. Trace sulfides. Few small qtz carb veinlets randomly crosscutting core with weak alteration halos. Several small white massive veins with minor Py. Weak to moderately porphyritic texture loaclly. 2-5mm subrounded qtz porphs. One small band of epidote altered FGS. Locally the non porphyritic units verge on medium grained matrix.

796.90 797.61 (DIO) Diorite, ( )

Fine to medium grained weakly to moderately foliated grey Dio. Biotite rich matrix. Weakly altered in colour and minerals by increased biotite within matrix. Local weak porphyritic texture. Several small white qtz carb veinlets with weak alteration halos. Sharp upper and lower contacts. No sulfides observed. 2-3mm anhedral Plag porphs.

797.61 798.10 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately to weakly foliated grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed.

798.10 799.13 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained weakly to moderately foliated greyish green intermediate AMP. Biotite rich matrix. weakly altered in colour and minerals by increased biotite within matrix. Local weak porphyritic texture. Several small white qtz carb veinlets with weak alteration halos. Sharp upper and lower contacts. No sulfides observed. 2-3mm anhedral Amp porphs. Weak banding as biotite or plag content increases locally..

799.13 799.38 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately to weakly foliated grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed.

799.38 799.68 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained weakly to moderately foliated greyish green intermediate AMP. Biotite rich matrix. weakly altered in colour and minerals by increased biotite within matrix. Local weak porphyritic texture. Several small white qtz carb veinlets with weak alteration halos. Sharp upper and lower contacts. No sulfides observed. 2-3mm anhedral Amp porphs.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
799.68	**799.74**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately to weakly foliated grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed.								
799.74	**799.92**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained weakly to moderately foliated greyish green intermediate AMP. Biotite rich matrix. weakly altered in colour and minerals by increased biotite within matrix. Local weak porphyritic texture. Several small white qtz carb veinlets with weak alteration halos. Sharp upper and lower contacts. No sulfides observed. 2-3mm anhedral Amp porphs. Part of a folded AMP bed.								
799.92	**802.34**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately to weakly foliated grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed.								
802.34	**802.53**	**(DIO) Diorite, ( )** Fine to medium grained moderately to weakly foliated grey porphyritic DIO unit. Sharp upper and lower contacts. No sulfides observed. 2-4mm subhedral plag porphs within a biotite rich matrix.								
802.53	**806.95**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately to weakly foliated grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed.								
806.95	**807.45**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Massive pink PEG vein with broken core along contacts and brecciated texture along the lower contact. Large weak K alteration halo around the brecciated PEG vein. No sulfides. Red and pink K spars.								
807.45	**821.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated pinkish grey FGS. Local patches of medium grained FGS. Few small white barren QVs. Weak pink K alteration throughout. Numerous random small qtz carb veinlets with weak to moderate pink K alteration halos. Intensely fractured core at 818m. Rare to nil sulfides.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

821.25 821.71 (DIO) Diorite, ( )

Fine to medium grained weakly to moderately foliated porphyritic grey DIO. Small 2-3mm plag prophs within a finer grained matrix with ample biotite. Sharp upper and lower contacts. Trace to nil sulfides.

821.71 829.33 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated pinkish grey FGS. Local patches of medium grained FGS. Few small white barren QVs. Weak pink K alteration throughout. Numerous random small qtz carb veinlets with weak to moderate pink K alteration halos. Intensely fractured core at 818m. Rare to nil sulfides.

829.33 830.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliate dark grey biotite Amp rich FGS. Small 2-3mm Plag porphs locally within a biottie rich matrix. Sharp upper and lower contacts. Minor compositional variation. Weak to no K alteration. Trace to rare Py.

830.90 838.46 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately to weakly foliated grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed. One small altered intermediate Amp unit at 835.08 to 835.25m. Strong to medium K alteration pervasively with strong alteration halos around fractures and very small veinlets. Two white and pink QF veins near lower contact with pink and white PEG vein. Biotite increases and grainsize decreases locally near the lower PEG contact. Weak to moderately megnetic.

838.46 839.88 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse to very coarse white and pink PEG vein. K alteration is pervasive within vein and all feldspars are pink or red. White qtz between feldspars. No sulfides. Sharp upper and lower contacts. Small little bit of biotite rich FGS at 839.25 to 839.3m.

839.88 840.88 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately to weakly foliated grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed. Strong to medium K alteration pervasively with strong alteration halos around fractures and very small veinlets. Healed brecciation above lower contact. Weak to moderately megnetic.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
840.88	**842.04**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse to very massive pink and white PEG vein with a section of FGS in the middle where the PEG is folded? as the PEG contact is along core axis. Sharp upper and lower contacts. K alteration colours the feldspars pink and red. Biotite rich along contacts. No sulfides observed.								
842.04	**842.79**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained weakly foliated green biotite rich intermediate AMP. Sharp upper and lower contacts. No sulfides observed. Small 2-3mm Amp porphs within a Bio Amp Feldspar matrix. No alteration like the surrounding units.								
842.79	**843.57**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately to weakly foliated weakly porphyritic grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed. Minor K alteratin in comparison to upper units. Weak to moderately megnetic.								
843.57	**843.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained weakly to moderately foliated intermediate AMP. Biotite rich. Sharp upper and lower contacts. Non magnetic. No sulfides observed. Small Amp porphs within the Amp Bio Plag matrix. Might be a bomb or clast it is so small.								
843.70	**843.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately to weakly foliated weakly porphyritic grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower contacts. Trace to nill sulfides observed. Minor K alteratin in comparison to upper units.								
843.80	**843.95**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained weakly to moderately foliated intermediate AMP. Biotite rich. Sharp upper and lower contacts. Non magnetic. No sulfides observed. Small Amp porphs within the Amp Bio Plag matrix. Might be a bomb or clast it is so small.								
843.95	**845.96**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately to weakly foliated weakly porphyritic grey FGS. Grain size and biotite form varies slightly. Qtz feldspar and biotite matrix. Sharp upper and lower								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		contacts. Trace to nill sulfides observed. Minor K alteratin in comparison to upper units. Weak to moderately magnetic.								
845.96	**846.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine grained weakly to moderately foliated intermediate AMP. Biotite rich. Sharp upper and lower contacts. Non magnetic. No sulfides observed. Small Amp porphs within the Amp Bio Plag matrix. Might be a bomb or clast it is so small.								
846.18	**848.73**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse grained moderately foliated moderately porphyritic grey FGS. Coarse platy biotite along foliation. Qtz porphs are more like qtz aggregates within a qtz feldspar matrix with minor coarse bio. Sharp upper and lower contacts. No sulfides observed.								
848.73	**854.43**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained weakly foliated grey FGS with weak K alteration pervasively and moderately as halos around small white qtz carb veins. No sulfides observed. Magnetite observed rarely and magnetism weak to moderate throughout. Sharp upper and lower contact.								
854.43	**854.82**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		Masssive white QV2 with pink K spar. Could be Qtz rich PEG. Diffuse upper and lower contacts. K altered. No sulfides. Irregular lower contact.								
854.82	**855.24**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained weakly foliated grey FGS with weak K alteration pervasively and moderately as halos around small white qtz carb veins. No sulfides observed.Magnetism weak to moderate throughout. Sharp lower contact. Diffuse irregular upper contact.								
855.24	**856.19**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass**								
		Fine to medium grained weakly to moderately foliated dark grey porphyritic DIOP1. Feldspar porphs are 2-4mm and subhedral within a biotite rich fine grained matrix. Feldspars are weakly to moderately altered and pink. Sharp upper and lower contact. One small QV vein within with Amp and Bio crystals within. No sulfides. Very weakly magnetic.								
856.19	**885.78**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained weakly foliated grey FGS with weak K alteration pervasively and moderately								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		as halos around small white qtz carb veins. No sulfides observed. Magnetism weak to moderate throughout. Coarse magnetite crystals uneven distributed locally. Sharp upper and lower contact. Several small QF veins within the unit.								
885.78	**887.57**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium to coarse grained weakly to moderately foliated porphyritic QFP. Qtz and feldspar porphs within a medium grained biotite qtz feldspar matrix. No sulfides. Non magnetic. Foliation difficult to measure given the coarse grained texture. Porphs are 2-8mm in size and sub to anhedral.								
887.57	**887.91**	**(AMP) Amphibolite, ( )** Medium grained moderately foliated porphyritic green AMP. Small 2-3mm subhedral Amp porphs in a Amp and bio rich matrix. Weakly magnetic locally. Sharp upper and lower contacts. Small QF veins within the unit with irregular contacts. Trace Py. Slightly more foliated than the QFP around it.								
887.91	**888.66**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium to coarse grained weakly to moderately foliated porphyritic QFP. Qtz and feldspar porphs within a medium grained biotite qtz feldspar matrix. No sulfides. Non magnetic. Foliation difficult to measure given the coarse grained texture. Porphs are 2-8mm in size and sub to anhedral. Sharp upper and lower contacts.								
888.66	**888.87**	**(AMP) Amphibolite, ( )** Medium grained moderately foliated porphyritic green AMP. Small 2-3mm subhedral Amp porphs in a Amp and bio rich matrix. Weakly magnetic locally. Sharp upper and lower contacts. Trace Py. Slightly more foliated than the QFP around it.								
888.87	**891.03**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium to coarse grained weakly to moderately foliated porphyritic QFP. Qtz and feldspar porphs within a medium grained biotite qtz feldspar matrix. No sulfides. Non magnetic. Foliation difficult to measure given the coarse grained texture. Porphs are 2-8mm in size and sub to anhedral. Sharp upper and lower contacts.								
891.03	**895.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey and pink FGS. Core is intensely broken and alterated around a small LAMP dyke or qtz carb vein from 891.5 to 893m. Numerous very small randomly oriented white qtz carb veinlets with small moderate K alteration. No sulfides observed. Sharp upper and lower contacts. Several <1cm wide green LAMP dykes.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

895.00 895.82 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly to moderately foliated porphyritic QFP. Qtz and feldspar porphs within a medium grained biotite qtz feldspar matrix. No sulfides. Non magnetic. Foliation difficult to measure given the coarse grained texture. Porphs are 2-8mm in size and sub to anhedral. Sharp upper and lower contacts.

895.82 896.38 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated grey FGS. No sulfides observed. Sharp upper and lower contacts. Weak feldspar porphs. Minor K alteration halos around white qtz carb veinlets. Sharp diffuse upper and lower contacts.

896.38 897.22 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly to moderately foliated porphyritic QFP. Qtz and feldspar porphs within a medium grained biotite qtz feldspar matrix. No sulfides. Non magnetic. Foliation difficult to measure given the coarse grained texture. Porphs are 2-8mm in size and sub to anhedral. Sharp upper and lower contacts.

897.22 898.02 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated porphyritic AMP. Medium to coarse 3-5mm Amp porphs strained along foliation moderately. Stretching lineation not measureable do to loss of line and weak lineations. No sulfdies observed. Small little units of FGS within and QFP along lower contact. White plag throughout.

898.02 899.18 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated grey FGS. No sulfides observed. Sharp upper and lower contacts. Weak feldspar porphs. Minor K alteration halos around white qtz carb veinlets. Sharp diffuse upper and lower contacts. Weakly to moderately foliated.

899.18 899.26 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Fine grained weakly to moderately foliated biotite rich FGS. No sulfides observed. Weakly magnetic. Sharp diffuse upper contact. Sharp lower contact. Fine biotite oriented along foliation.

899.26 901.28 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained moderately foliated biotite rich greyish green intermediate AMP. Few small

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
white veinlets with weak alteration halos. Sharp upper and lower contacts. No sulfdies observed. Non magnetic.										
901.28	**902.19**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey FGS. No sulfides observed. Sharp upper and lower contacts. Weak feldspar porphs. Minor K alteration halos around white qtz carb veinlets. Sharp diffuse upper and lower contacts. Weakly to moderately foliated. Medium grained biotite along foliation.								
902.19	**902.76**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained light green coarse xeinolith rich altered low angle LAMP dyke. Sharp irregular contacts. Carb spots within the dyke. No sulfides. Non magnetic.								
902.76	**905.26**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey FGS. No sulfides observed. Sharp upper and lower contacts. Weak feldspar porphs. Minor K alteration halos around white qtz carb veinlets. Sharp diffuse upper and lower contacts. Weakly to moderately foliated. Local banding observed where Amp porphyroblasts are observed with strong delpletion halos.								
905.26	**906.66**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly foliated strongly banded grey FGS. Biottie and Amp content varies throughout forming compositional banding. Weakly to moderately magnetic. Short diffuse upper and lower contacts. No sulfdies observed. Medium biotite along foliation. Several very small white qtz carb veinlets with weak alteration halos.								
906.66	**911.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained weakly foliated grey FGS. No sulfides observed. Sharp upper and lower contacts. Weak feldspar porphs. Minor K alteration halos around white qtz carb veinlets. Sharp diffuse upper and lower contacts. Weakly to moderately foliated. Local banding observed where Amp porphyroblasts are observed with strong delpletion halos. One small dark grey strongly magnetic LAMP dyke at 909.3 to 909.55m. Trace sulfides locally.								
911.24	**915.74**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated compositionally banded greyish green biotite rich AMP. Minor Py throughout. Numerous small white qtz carb veinlets with weak bleached alteration halos. Biotite and Amp content and form varies slightly throughout. Epidote alteration observed locally. Short gradual upper contact.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

915.74 915.86 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Short interval within a larger AMP unit. Contacts have different orientation that the surrounding S1 and S0 contacts. Trace Py. Minor Py defines foliation. Sharp upper and lower contacts. Irregular lower contact. Non magnetic.

915.86 916.10 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated compositionally banded greyish green biotite rich AMP. Minor Py throughout. Numerous small white qtz carb veinlets with weak bleached alteration halos. Biotite and Amp content and form varies slightly throughout. Epidote alteration observed locally. Sharp upper and lower contact. One small grey QV within the unit.

916.10 918.93 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Minor fine to medium grained bio define foliation. Trace fine diss Py throughout. Sharp upper and lower contacts. One small 3cm wide dark grey magnetic xeinolith rich LAMP dyke crosscutting core at a low angle at 916.7m. Weak compositional band observed along lower AMP contact as bio and Amp varies. Weakly porphyritic locally.

918.93 919.22 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green biotite rich AMP. Minor fine cubic diss Py throughout. Sharp upper and lower contacts. Minor white feldspar grains between Amp crystals. Subhedral Amp crystals.

919.22 921.13 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Minor fine grained bio define foliation. Trace fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic locally with medium grained qtz porphs. Minor to trace biotite. Difficult to measure foliation given composition and grain size. Sharp upper and lower contacts.

921.13 922.23 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green biotite rich AMP. Minor fine cubic diss Py throughout. Sharp upper and lower contacts. Minor white feldspar grains between Amp crystals. Subhedral Amp crystals. Two small QF veins parallel to foliation with Amp and bio along contacts at 921.44m and 922.20m. Epidote spots and patches throughout the unit.

922.23 925.40 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Minor fine grained bio define foliation. Trace

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic locally with medium grained qtz porphs. Minor to trace biotite. Difficult to measure foliation given composition and grain size. Sharp upper and lower contacts. Several small white qtz carb veinlets with weak alterations.

925.40 927.10 (DIA) Diabase Dike, ( )

Fine grained magnetic Diabase dyke. Sharp immediate upper and lower contacts. Numerous randomly oriented white qtz carb veins. Intensely brecciated healed fault at 925.4 to 925.73m. No sulfides.

927.10 930.28 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated moderately porphyritic pinkish grey FGS. Minor fine grained bio define foliation. Trace fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic locally with medium grained qtz porphs. Minor to trace biotite. Difficult to measure foliation given composition and grain size. Sharp upper and lower contacts. One small dark greenish grey LAMP dyke at 928.85m with a weak pervasive K alteration halo.

930.28 930.79 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green biotite rich AMP. Minor fine cubic diss Py throughout. Sharp upper and lower contacts. Minor white feldspar grains between Amp crystals. Subhedral Amp crystals. Epidote spots and patches throughout the unit. One small boundinaged QF vein parallel to foliation at 930.65m

930.79 937.18 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated moderately porphyritic pinkish grey FGS. Minor fine grained bio define foliation. Trace fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic locally with medium grained qtz feldspar porphs. Minor to trace biotite. Difficult to measure foliation given composition and grain size. Sharp upper and lower contacts. Numerous small white qtz carb veinlets with weak to moderately bleached and K alteration halo.

937.18 938.24 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated weakly banded intermediate AMP. White plag throughout. Trace Py. Plag content varied and makes minor compositional banding. Sharp upper and lower contacts. No magnetic.

938.24 943.36 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Minor fine grained bio define foliation. Trace

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic locally with medium grained qtz porphs. Minor to trace biotite. Difficult to measure foliation given composition and grain size. Several small white qtz carb veinlets with weak alterations.Few Small QF veins.

943.36 943.79 (AMP) Amphibolite, ( )

Fine grained moderately foliated green AMP with weak compositional banding as Plag content increases slightly. Epidote alteration observed as alteration halos and disseminated patches. Trace fine anhedral diss Py. Sharp upper and lower contacts. Lower contact is sharp but unclear where the end of unit is as the alteration is intense.

943.79 945.83 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Minor fine grained bio define foliation. Trace fine anhedral diss Py throughout. Weakly porphyritic locally with medium grained qtz porphs. Sharp upper and lower contacts. Several small white qtz carb veinlets with weak alterations. Two light green LAMP dykes that cut the core at a low angle have large alteration halos which completely overprint the primary textures and minerals. Potassic sericitic carbonatic alteration. Several qtz carb veins observed within the alteration halo of the LAMPS further complicating the rock type.

945.83 945.97 (AMP) Amphibolite, ( )

Fine grained moderately foliated green AMP with weak compositional banding as Plag content increases slightly. Epidote alteration observed as alteration halos and disseminated patches. Trace fine anhedral diss Py. Sharp upper and lower contacts.

945.97 947.95 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Minor fine grained bio define foliation. Trace fine anhedral diss Py throughout. Weakly porphyritic locally with medium grained qtz porphs. Sharp upper and lower contacts. Several small white qtz carb veinlets with weak alterations. Two LAMP dykes with strong K and carb alteration halos at 945.35m.

947.95 948.83 (AMP) Amphibolite, ( )

Fine grained moderately foliated green AMP with weak compositional banding as Plag content increases slightly. Epidote alteration observed as alteration halos and disseminated patches. Trace fine anhedral diss Py. Sharp upper and lower contacts. Patchy CPX observed. One carb vein with a strong alteration halo observed at 948.33m. Small QF vein at 948.75m.

948.83 949.15 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Trace fine anhedral diss Py throughout.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Sharp upper and lower contacts. Weakly porphyritic with medium grained feldspar porphs. Minor biotite defines foliation.								
949.15	**949.26**	**(AMP) Amphibolite, ( )**								
		Fine grained moderately foliated green AMP with weak compositional banding as Plag content increases slightly. Epidote alteration observed as alteration halos and disseminated patches. Trace fine anhedral diss Py. Sharp upper and lower contacts. Patchy CPX observed.								
949.26	**949.36**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained moderately foliated grey FGS. Trace fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic with medium grained feldspar porphs. Minor biotite defines foliation.								
949.36	**949.85**	**(AMP) Amphibolite, ( )**								
		Fine grained moderately foliated green AMP with weak compositional banding as Plag content increases slightly. Epidote alteration observed as alteration halos and disseminated patches. Trace fine anhedral diss Py. Sharp upper and lower contacts. Patchy CPX observed.								
949.85	**950.26**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained moderately foliated grey FGS. Trace fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic locally with medium grained qtz porphs. Minor to trace biotite defines foliation. Moderate porphyritic texture throughout the small unit. Potentially a fold nose for the two adjacent AMP units that have converging contacts.								
950.26	**950.46**	**(AMP) Amphibolite, ( )**								
		Fine grained moderately foliated green AMP with weak compositional banding as Plag content increases slightly. Epidote alteration observed as alteration halos and disseminated patches. Trace fine anhedral diss Py. Sharp upper and lower contacts. Patchy CPX observed.								
950.46	**957.29**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse grained moderately foliated locally porphyritic grey FGS. Minor medium grained bio define foliation. Trace fine anhedral diss Py throughout. Sharp upper and lower contacts. Weakly porphyritic locally with medium grained felspar porphs. Several small and a few ~8mm white qtz carb veinlets with weak alterations. Few Small QF veins. Epidote alteration is observed as patches locally.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

957.29 957.63 (AMP) Amphibolite, ( )

Fine grained moderately foliated green AMP. Trace fine anhedral diss Py. Sharp upper and lower contacts. Euhedral Amp crystals with minor bio and plag. Sharp upper and lower contacts.

957.63 958.48 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated FGS. Weak compositional banding observed. Sharp upper and lower contacts. Weak foliation difficult to confidently measure. Minor fine diss anhedral Py throughout. Few small qtz carb veins observed with little to no alteration halos. Small qtz rich bands throughout.

958.48 959.22 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated weakly banded green AMP. Amp and minor bio define foliation. Weak compositional banding as plag and Amp content varies slightly. Sharp upper and lower contact. Trace fine diss anhedral Py. One altered section is a strongly bleached carbonate alteration halo around a small carb vein at 958.75m.

959.22 960.15 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio increases slightly. Sharp upper and lower contacts. Several very small white qtz carb veinlets with weak to moderate bleached and K alteration halos. Locally K alteration is more pervasive.

960.15 960.37 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated weakly banded green AMP. Amp and minor bio define foliation. Weak compositional banding as plag and Amp content varies slightly. Sharp upper and lower contact. Trace fine diss anhedral Py. S1 is folded in an S shape. Unclear how it fits into the observed converging contacts and folding within this area. Photos taken and measurement recorded.

960.37 961.39 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio increases slightly. Sharp upper and lower contacts. Several very small white qtz carb veinlets with weak to moderate bleached and K alteration halos. Locally K alteration is more pervasive.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
961.39	**962.00**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated weakly banded green AMP. Amp and minor bio define foliation. Weak compositional banding as plag and Amp content varies slightly. Sharp upper and lower contact. Trace fine diss anhedral Py. Several small white veinlets with very small weak bleached alteration halos.								
962.00	**964.61**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio increases slightly. Sharp upper and lower contacts. Several very small white qtz carb veinlets with weak to moderate bleached and K alteration halos. Locally K alteration is more pervasive.								
964.61	**965.48**	**(AMP) Amphibolite, ( )** Fine grained moderately foliated weakly banded green AMP. Amp and minor bio define foliation. Weak compositional banding as plag and Amp content varies slightly. Sharp upper and lower contact. Trace fine diss anhedral Py. Several small white veinlets with very small weak bleached alteration halos. Few small carb veinlets with weak bleached cabonate alteration halos.								
965.48	**994.16**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained weakly to moderately foliated grey FGS. Locally coarse grained and porphyritic. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio increases slightly. Sharp upper and lower contacts. Several very small white qtz carb veinlets with weak to moderate bleached and K alteration halos. Locally K and silica alteration is more pervasive and intense. Few small QV2 and QF veins within the large unit. Several small carb veins with carbonate alteration halos throughout.								
994.16	**994.76**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated compositionally banded green AMP. Epidote alteration reuslting in compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Short diffuse upper and lower contacts. Small felsic vein with Amp porphyroblasts within the unit.								
994.76	**997.23**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio increases slightly. Short diffuse banded upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

997.23 998.12 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated compositionally banded green AMP. Epidote alteration reuslting in compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Short diffuse upper and lower contacts.Large white barren QV within the unit.

998.12 998.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated greenish grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor Amp content in banded contacts. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio and Amp increase slightly. Short diffuse banded upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos. Epidote alteration throughout. Contacts are converging indicating possible folding?

998.90 998.98 (AMP) Amphibolite, ( )

Small fine to medium grained moderately foliated compositionally banded green AMP. Epidote alteration reuslting in compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Short diffuse upper and lower contacts.

998.98 999.80 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated greenish grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor Amp content in banded contacts. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio and Amp increase slightly. Short diffuse banded upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos. Epidote alteration throughout. Contacts are converging indicating possible folding?

999.80 1000.14 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated compositionally banded green AMP. Epidote alteration reuslting in compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Short diffuse upper and lower contacts.

1000.14 1000.35 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated greenish grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor Amp content in banded contacts. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio and Amp increase slightly. Short diffuse banded upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos. Epidote alteration throughout. Contacts are converging indicating possible folding?

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

1000.35 1000.65 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated compositionally banded green AMP. Epidote alteration reuslting in compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Short diffuse upper and lower contacts. One small QV within.

1000.65 1004.35 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated greenish grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor Amp content in banded contacts. Minor fine to medium diss anhedral Py throughout. Weakly banded as bio and Amp increase slightly. Short diffuse banded upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos. Epidote alteration throughout. Weak porphs locally.

1004.35 1005.55 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated compositionally banded green AMP. Epidote alteration reuslting in compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Short diffuse upper and lower contacts.

1005.55 1010.50 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor Amp content in banded contacts. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos. Weak porphs locally.

1010.50 1010.87 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated compositionally banded porphyritic green AMP. Epidote alteration reuslting in compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Sharp upper and lower contacts. One small QV within. Minor crenulation folding of the S1 foliation.

1010.87 1018.05 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor Amp content in banded contacts. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos. Weak porphs locally.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

1018.05 1019.64 (DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass

Fine to medium grained moderately foliated porphyritc DIOP1. Subhedral to euhedral plag porphs within a bio qtz and plag fine to medium grained matrix. No sulfides observed. Sharp immediate upper and lower contacts.

1019.64 1023.80 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Fine to medium subhedral bio defines weak foliation in a qtz feldspar rich matrix. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. Several very small white qtz carb and carb veinlets with weak to moderate bleached and K alteration halos. Weak moderate porphs and qtz eye texture locally.

1023.80 1024.25 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated compositionally banded porphyritic green AMP. Compositional banding as epidote and qtz/plag content increases slightly. Trace fine diss Py. Sharp upper and lower contacts.

1024.25 1025.05 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated qtz eye textured grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. Coarse qtz eye texture throughout.

1025.05 1027.62 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Large magnetic LAMP dyke with xeinoliths. Many small and medium sized carb veins. Light green altered upper and lower contacts. Sharp immediate upper and lower contacts. No sulfides.

1027.62 1033.85 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. 2-5mm feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. One small irregular shape deformed QF vein obsered at 1031.5m. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos.

1033.85 1034.07 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated deformed small green AMP unit. Irregular lower

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

contact. Contacts are slightly oblique to foliation. One small shear with Calcite veinlets are observed within the unit.

1034.07 1050.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly to moderately foliated locally porphyritic grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. 2-5mm feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos. Several QV2 veins parallel to foliation. Few melt patches throughout. Upper contact is irregular in shape and possibly foliated. Few small low angle light green LAMP dykes at 1039.5m.

1050.00 1050.20 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py.

1050.20 1054.48 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. 2-5mm feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos.

1054.48 1054.66 (AMP) Amphibolite, ( )

Fine to medium grained weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py.

1054.66 1056.22 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. 2-5mm feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos.

1056.22 1056.48 (AMP) Amphibolite, ( )

1056.48 1056.95 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. 2-5mm

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos.								
1056.95	**1057.08**	**(AMP) Amphibolite, ( )** Fine to medium grained weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py.								
1057.08	**1057.23**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. 2-5mm feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos.								
1057.23	**1057.45**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small coarse grained pink and grey PEG vein with contacts parallel to foliation. No sulfides. Non magnetic.								
1057.45	**1058.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine to medium diss anhedral Py throughout. Sharp upper and lower contacts. 2-5mm feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos.								
1058.48	**1058.68**	**(AMP) Amphibolite, ( )** Fine to medium grained weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py.								
1058.68	**1059.11**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated weakly banded grey FGS. Minor fine to medium diss anhedral Py throughout. 2-5mm feldpsar porphs locally. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos. Short diffuse banded contacts. Minor Amp within matrix.								
1059.11	**1062.45**	**(AMP) Amphibolite, ( )** Fine to medium grained weakly to moderately foliated compositionally banded AMP. Short								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		diffuse banded upper and lower contacts. Several small QV and qtz rich banding within the unit. Almost no biotite observed. Minor fine diss subhedral Py. One small carb vein with a moderately altered halo.								
1062.45	**1066.14**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained weakly to moderately foliated banded greenish grey FGS. Minor fine to medium diss anhedral Py throughout. Strain intensity varies slighlty but is generally weak. Fairly unaltered with the exception of the few white qtz carb veinlets with small weak K alteration halos. Amp rich bands are observed with gradual contacts. Upper and lower contacts are short diffuse banded contacts. Lower contact is folded (F2?).								
1066.14	**1066.74**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py. Upper contact is perpindicular to foliation and is folded. Possible F2. One white QV2 vein within unit.								
1066.74	**1066.89**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to coarse grained weakly to moderately foliated moderately porphyritic grey small FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. 2-5mm subhehdral plag porphs. Trace diss fine Py. Non magnetic. Unaltered.								
1066.89	**1069.13**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py. Small qtz vein within parallel to foliation.								
1069.13	**1070.63**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to coarse grained weakly to moderately foliated moderately porphyritic grey small FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. 2-5mm subhehdral plag porphs. Trace diss fine Py. Non magnetic. Unaltered but few small qtz carb veinlets with weak alteration halos.								
1070.63	**1071.04**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Coarse grained massive granitic PEG vein. Minor coarse bio between qtz and feldspar.								
1071.04	**1071.93**	**(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)								
		Fine to medium grained weakly to moderately foliated banded grey and green intermediate AMP unit. Minor bio. Diffuse banded upper and lower contacts. Trace diss fine subhedral to anhedral Py. Compositional banded changes from Amp rich FGS to intermediate AMP. Weakly magnetic locally.								
1071.93	**1076.18**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained weakly to moderately foliated weakly porphyritic moderately banded grey small FGS unit. Sharp lower contacts. Gradual banded upper contacts. Fine to medium grained elongated biotite defines foliation. 2-5mm subhehdral plag porphs. Trace diss fine Py. Non magnetic. A weak alteration halo around a small LAMP dyke at 1074.85m. Two small QV2 veins. Local bands are rich am Amp content. Few small qtz carb veins wth weak alteration halos.								
1076.18	**1076.95**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained weakly to moderately foliated banded green and grey intermediate AMP unit. Minor bio. Sharp upper and lower contacts. Minor diss fine subhedral to anhedral Py. Local folding of S1. See photos. Few small white veinlets with very weak alteration halos.								
1076.95	**1077.16**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to coarse grained weakly to moderately foliated qtz eye textured grey small FGS unit. Sharp upper and lower contacts. Fine diss trace Py.								
1077.16	**1080.61**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained weakly to moderately foliated banded green and grey intermediate AMP unit. Minor bio. Sharp upper and lower contacts. Minor diss fine subhedral to anhedral Py. Few small white veinlets with very weak alteration halos. Small sections verge on being Amp rich FGS. Local tight folding of banding and minor QVs. Weakly to strongly magnetic locally. Irregular QVs or melt patches locally.								
1080.61	**1081.64**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained weakly to moderately foliated grey FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. Trace diss fine Py. Non magnetic. Weak alteration halo around two small qtz carb veinlets. Local Amp content.								
1081.64	**1081.95**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained weakly to moderately foliated green intermediate AMP unit. Minor								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
bio. Sharp upper and lower contacts. Minor diss fine subhedral to anhedral Py. Weak alteration halos around small qtz carb veinlets. Moderate compositional banding. Weak magnetism.										

1081.95 1083.63 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated moderately porphyritic grey FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. Trace diss fine Py. Non magnetic. Weak alteration halo around very small qtz carb veinlets.

1083.63 1084.28 (AMP) Amphibolite, ( )

Fine to medium grained weakly to moderately foliated green intermediate AMP unit. Minor bio. Sharp upper and lower contacts. Minor diss fine subhedral to anhedral Py. Weak alteration halos around small qtz carb veinlets. Moderate compositional banding. Weak magnetism.

1084.28 1089.77 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained moderately foliated qtz eye textured grey small FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. 2-5mm subhehdral qtz porphs. Trace diss fine Py. Non magnetic. Unaltered. One Irregular vein composed entirely of biotite with sericite altered contact at 1085.5m. One medium sized QV2 vein at 1086m.

1089.77 1090.12 (AMP) Amphibolite, ( )

Fine to medium grained weakly to moderately foliated green and grey AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py. Several small white qtz carb veinlets with weak bleached alteration halos.

1090.12 1091.70 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Large dark grey magnetic xenolith rich low angle LAMP dykes with very small white veinlets. No sulfides. Not altered.

1091.70 1099.25 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly to moderately foliated moderately porphyritic and qtz eye textured grey FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. 2-5mm subhehdral plag and qtz porphs locally. Trace diss fine Py. Non magnetic. Few small qtz carb veinlets with weak bleached and K altered halos. Local banding has increased Amp.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1099.25	**1099.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Large dark grey magnetic xenolith rich low angle LAMP dykes with very small white veinlets. No sulfides. Not altered.								
1099.95	**1112.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained weakly to moderately foliated moderately porphyritic grey FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. 2-5mm subhehdral plag porphs. Trace diss fine Py. Non magnetic. Unaltered for the most part. Large sections are medium grained and banded and other sections are finer grained and biottie rich.	C63693	1110	1111	1	0.007	AGAT_FAICP		
			C63694	1111	1112	1	0.012	AGAT_FAICP		
1112.00	**1112.56**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine to medium grained moderately foliated dark grey porphyritic DIOP1. Sharp upper and lower contacts. 2-3mm plag porphs within a fineer grained biottie rich matrix. No sulfides observed. Non magnetic. Parallel contacts to foliation.	C63695	1112	1112.56	0.56	0.009	AGAT_FAICP		
1112.56	**1117.92**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained weakly to moderately foliated moderately porphyritic grey FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. 2-5mm subhehdral plag porphs locally. Trace diss fine Py. Non magnetic. Locally banded or conglomeratic. Few sections with carb ser and chl alteration with no obvious vein or fracture associated with it. Several small 1-2cm QVs and QF veins.	C63696	1112.56	1114	1.44	0.007	AGAT_FAICP		
			C63697	1114	1115	1	0.01	AGAT_FAICP		
			C63699	1115	1116	1	0.015	AGAT_FAICP		
			C63700	1117	1117.92	0.92	0.03	AGAT_FAICP		
			C65393	1116	1117	1	0.013	AGAT_FAICP		Added by brad in acquire after mike and denis found this mistake.
1117.92	**1118.85**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py. Non magnetic.	C63601	1117.92	1118.85	0.93	0.007	AGAT_FAICP		
1118.85	**1120.62**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained weakly to moderately foliated grey FGS unit. Sharp upper and lower contacts. Fine to medium grained elongated biotite defines foliation. Trace diss fine Py. Non magnetic. Unaltered. Few melt texture patches locally. Possibly conglomeratic locally.	C63602	1118.85	1120	1.15	0.014	AGAT_FAICP		
			C63603	1120	1120.62	0.62	0.014	AGAT_FAICP		
1120.62	**1121.74**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C63604	1120.62	1121.74	1.12	0.005	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 weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py. Non magnetic.								
1121.74	**1124.79**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated weakly porphyritic grey FGS. Sharp upper and lower contacts. Medium grained biotite defines foliation. 2-5mm subhedral plag porphs throughout. Very fine trace diss Py. Few small white veinlets with weak K altered halos. Non magnetic.	C63605	1121.74	1123	1.26	0.007	AGAT_FAICP		
			C63607	1123	1124	1	0.019	AGAT_FAICP		
			C63608	1124	1124.79	0.79	0.018	AGAT_FAICP		
1124.79	**1125.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Very coarse grained pink and white massive PEG vein with upper and lower contacts slightly oblique to foliation. No sulfides. Non magnetic. Small alteration halo in the upper and lower FGS units.	C63609	1124.79	1125.4	0.61	0.006	AGAT_FAICP		
1125.40	**1125.73**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated weakly porphyritic grey FGS. Sharp upper and lower contacts. Medium grained biotite defines foliation. 2-5mm subhedral plag porphs throughout. Very fine trace diss Py. Few small white veinlets with weak K altered halos. Non magnetic.	C63610	1125.4	1126	0.6	0.016	AGAT_FAICP		
1125.73	**1125.95**	**(AMP) Amphibolite, ( )** Fine to medium grained weakly to moderately foliated green AMP unit. Minor bio. Sharp upper and lower contacts. Trace diss fine subhedral to anhedral Py. Minor compositional banding as Plag increases slightly locally within the small unit.								
1125.95	**1145.46**	**(FGS) Felsic Gneiss Sedimentary, ( )** Large section of fine to medium grained moderately foliated weakly porphyritic grey FGS. Sharp upper and lower contacts. Medium grained biotite defines foliation. 2-5mm subhedral plag porphs locally. Very fine trace diss Py. Numerous small white qtz carb veinlets with weak K altered halos. Non magnetic. Biotite content varies gradually within the unit. Locally conglomeratic?	C63611	1126	1127	1	0.038	AGAT_FAICP		
			C63613	1127	1128	1	0.013	AGAT_FAICP		
			C63614	1128	1129	1	0.009	AGAT_FAICP		
			C63615	1129	1130	1	0.004	AGAT_FAICP		
			C63616	1130	1131	1	0.006	AGAT_FAICP		
			C63617	1131	1132	1	0.007	AGAT_FAICP		
			C63619	1132	1133	1	0.016	AGAT_FAICP		
			C63620	1133	1134	1	0.008	AGAT_FAICP		
			C63621	1134	1135	1	0.034	AGAT_FAICP		
			C63622	1135	1136	1	0.018	AGAT_FAICP		
			C63623	1136	1137	1	0.018	AGAT_FAICP		
			C63624	1137	1138	1	0.013	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C63625	1138	1139	1	0.016	AGAT_FAICP		
			C63627	1139	1140	1	0.019	AGAT_FAICP		
			C63628	1140	1141	1	0.023	AGAT_FAICP		
			C63629	1141	1142	1	0.018	AGAT_FAICP		
			C63630	1142	1143	1	0.026	AGAT_FAICP		
			C63631	1143	1144	1	0.032	AGAT_FAICP		
			C63633	1144	1145	1	0.037	AGAT_FAICP		
1145.46	**1145.56**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained moderately foliated grey porphyritic QFP. Coarse 2-6mm subhedral plag porphs. Sharp upper and lower contacts. Trace fine diss Py. Minor biotite in fine grained qtz and feldspar matrix. Minor strain observed within shape of porphs.	C63634	1145	1146	1	0.025	AGAT_FAICP		
1145.56	**1147.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated weakly conglomeratic grey FGS. Sharp upper and lower contacts. Medium grained biotite defines foliation. Very fine trace diss Py. Several small white qtz carb veinlets with weak K altered halos. Non magnetic. Biotite content varies gradually within the unit. Locally conglomeratic? or banded?	C63635	1146	1147	1	0.033	AGAT_FAICP		
1147.36	**1147.55**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained moderately foliated grey porphyritic QFP. Coarse 2-6mm subhedral plag porphs. Sharp upper and lower contacts. Trace fine diss Py. Minor biotite in fine grained qtz and feldspar matrix. Minor strain observed within shape of porphs.	C63636	1147	1148	1	0.012	AGAT_FAICP		
1147.55	**1148.79**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated weakly conglomeratic grey FGS. Sharp upper and lower contacts. Medium grained biotite defines foliation. Very fine trace diss Py. Several small white qtz carb veinlets with weak K altered halos. Non magnetic. Biotite content varies gradually within the unit. Locally conglomeratic? or banded?	C63637	1148	1148.79	0.79	0.022	AGAT_FAICP		
1148.79	**1150.42**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained moderately foliated grey porphyritic QFP. Coarse 2-6mm subhedral plag porphs. Sharp upper and lower contacts. Trace fine diss Py. Minor biotite in fine grained qtz and feldspar matrix. Minor strain observed within shape of porphs.	C63639	1148.79	1149.5	0.71	0.026	AGAT_FAICP		
			C63640	1149.5	1150.42	0.92	0.034	AGAT_FAICP		
1150.42	**1150.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63641	1150.42	1150.9	0.48	0.175	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium grained moderately foliated weakly conglomeratic grey FGS. Sharp upper and lower contacts. Medium grained biotite defines foliation. Several small white qtz carb veinlets with weak K altered halos. Non magnetic. Biotite content varies gradually within the unit. Locally conglomeratic? or banded? Mionr fine diss and aggregates of Py throughout unit.								
1150.90	**1152.80**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained moderately foliated grey porphyritic QFP. Coarse 2-6mm subhedral plag porphs. Sharp upper and lower contacts. Trace fine diss Py. Minor biotite in fine grained qtz and feldspar matrix. Minor strain observed within shape of porphs. One small QV vein at lower contact.	C63642	1150.9	1152	1.1	0.031	AGAT_FAICP		
			C63643	1152	1152.8	0.8	0.021	AGAT_FAICP		
1152.80	**1156.34**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biottie rich grey FGS. Sharp upper and lower contacts. Several small white qtz carb veinlets with weak alteration halos. Minor diss fine Py throughout. Few small Qtz veins with minor Py and coarse biotite.	C63644	1152.8	1154	1.2	0.066	AGAT_FAICP		
			C63645	1154	1155	1	0.041	AGAT_FAICP		
			C63647	1155	1156.34	1.34	0.027	AGAT_FAICP		
1156.34	**1156.92**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated green AMP unit. Minor compositional banding as plag increases slightly. Trace very fine diss anhedral Py. Sharp upper contact. Gradual lower contact. Minor to trace bio. Two small qtz veins.	C63648	1156.34	1156.92	0.58	0.025	AGAT_FAICP		
1156.92	**1159.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium to coarse grained moderately foliated biottie rich grey FGS. Sharp lower contacts and gradual upper contact. Several small white qtz carb veinlets with weak alteration halos. Trace diss fine Py throughout. Few small Qtz veins with minor Py and coarse biotite.	C63649	1156.92	1158	1.08	0.034	AGAT_FAICP		
			C63650	1158	1159	1	0.029	AGAT_FAICP		
			C63551	1159	1159.55	0.55	0.029	AGAT_FAICP		
1159.55	**1162.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biottie rich grey FGS. Short gradual lower and upper contacts. Several small white qtz carb veinlets with weak alteration halos. Minor diss fine Py throughout. Few small Qtz veins with minor Py and coarse biotite. Minor Amp throughout.	C63553	1159.55	1160	0.45	0.079	AGAT_FAICP		
			C63554	1160	1161	1	0.033	AGAT_FAICP		
			C63555	1161	1162	1	0.039	AGAT_FAICP		
			C63556	1162	1162.9	0.9	0.02	AGAT_FAICP		
1162.90	**1163.15**	**(AMP) Amphibolite, ( )** Fine grained moderately foliated green AMP. Gradual short banded upper and lower contacts. Trace to nill Py. Non magnetic. Minor alteration around a small qtz veinlet.	C63557	1162.9	1163.25	0.35	0.077	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1163.15	**1164.22**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biottie rich grey FGS. Short gradual lower and upper contacts. Several small white qtz carb veinlets with weak alteration halos. Minor diss fine Py throughout. Few small Qtz veins with minor Py and coarse biotite. Minor Amp throughout.	C63559	1163.25	1164.22	0.97	0.03	AGAT_FAICP		
1164.22	**1165.82**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium to coarse grained moderately foliated biottie rich grey FGS. Sharp lower contacts and gradual upper contact. Several small white qtz carb veinlets with weak alteration halos. Minor diss fine Py throughout.	C63560	1164.22	1165	0.78	0.016	AGAT_FAICP		
			C63561	1165	1165.82	0.82	0.017	AGAT_FAICP		
1165.82	**1167.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium to coarse grained moderately foliated biottie rich grey FGS. Sharp lower contacts and gradual upper contact. Several small white qtz carb veinlets with weak alteration halos. Two small qtz rich PEG veins with very coarse biotte rich sulfide rich contacts. Fine to medium diss Po and Py throughout with local aggregates around the veins and randomly within the unit. Minor Amp. More Po than Py.	C63562	1165.82	1166.5	0.68	0.071	AGAT_FAICP		
			C63563	1166.5	1167	0.5	0.261	AGAT_FAICP		
			C63564	1167	1167.4	0.4	0.052	AGAT_FAICP		
			C63565	1167.4	1167.9	0.5	0.088	AGAT_FAICP		
1167.90	**1170.87**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biottie rich grey FGS. Short gradual lower and upper contacts. Several small white qtz carb veinlets with weak alteration halos. Trace diss fine Py throughout. Few small Qtz veins with minor Py and coarse biotite. Minor Amp throughout.	C63567	1167.9	1169	1.1	0.03	AGAT_FAICP		
			C63568	1169	1170	1	0.023	AGAT_FAICP		
			C63569	1170	1170.81	0.81	0.028	AGAT_FAICP		
1170.87	**1174.16**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium to coarse grained moderately foliated biottie rich grey FGS. Sharp lower contacts and gradual upper contact. Several small white qtz carb veinlets with weak alteration halos. Trace diss fine Py throughout. Few small Qtz veins.	C63570	1170.81	1172	1.19	0.027	AGAT_FAICP		
			C63571	1172	1173	1	0.043	AGAT_FAICP		
			C63573	1173	1174.16	1.16	0.12	AGAT_FAICP		
1174.16	**1174.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small pink and grey coarse PEG vein. Minor amounts of FGS and bio within the irregular vein. Sharp upper and lower contacts. Trace Py where bio content increases.	C63574	1174.16	1174.5	0.34	0.045	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1174.50	**1175.43**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated green AMP unit. Minor compositional banding as plag increases slightly. Trace very fine diss anhedral Py. Sharp upper and lower contacts. Minor bio.	C63575	1174.5	1175.43	0.93	0.028	AGAT_FAICP		
1175.43	**1179.11**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biottie rich grey FGS. Short gradual lower and upper contacts. Several small white qtz carb veinlets with weak alteration halos. Trace diss fine Py throughout. Few small Qtz veins with minor Py and coarse biotite. Minor Amp throughout.	C63576	1175.43	1176	0.57	0.025	AGAT_FAICP		
			C63577	1176	1176.5	0.5	0.067	AGAT_FAICP		Added by Mike S.
			C63579	1176.5	1177.3	0.8	0.093	AGAT_FAICP		
			C63580	1177.3	1178.3	1	0.043	AGAT_FAICP		
			C63581	1178.3	1178.6	0.3	0.131	AGAT_FAICP		
			C63582	1178.6	1179.11	0.51	0.021	AGAT_FAICP		
1179.11	**1179.72**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS with 25% qz/fspar porphs; <1cm; elongate; alignment imparts foliation. Very fine dissem Py throughout; foliation aligned. Grey fine grained groundmass.	C63583	1179.11	1179.72	0.61	0.011	AGAT_FAICP		
1179.72	**1193.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Laminated grey FGS characterized by strong foliation and compositional banding (<2cm). 20% fine dissem biot; alignment imparts foliation. Banding comprises discrete quarzose bands mm to cm scale <2cm. Minor to moderate K-Ser alt assemblage; patchy; localized; assoc with fine microfrac network. Unit comprises m scale segment of intense qz flooding with significant Ser-Epidote alt assemblage. Minor very fine dissem Py throughout; foliation aligned. Occ discrete qz veins; <5cm; roughly concordant; hosting minor coarse Py clots. Minor melted remnants of early qz vein at lower contact with AMP.	C63584	1179.72	1180.5	0.78	0.036	AGAT_FAICP		
			C63585	1180.5	1181	0.5	0.027	AGAT_FAICP		
			C63587	1181	1182	1	0.021	AGAT_FAICP		
			C63588	1182	1183	1	0.024	AGAT_FAICP		
			C63589	1183	1183.85	0.85	0.03	AGAT_FAICP		
			C63590	1183.85	1184.45	0.6	0.02	AGAT_FAICP		
			C63591	1184.45	1185	0.55	0.061	AGAT_FAICP		
			C63593	1185	1185.7	0.7	0.034	AGAT_FAICP		
			C63594	1185.7	1186.73	1.03	0.047	AGAT_FAICP		
			C63595	1186.73	1187.6	0.87	0.031	AGAT_FAICP		
			C63596	1187.6	1188.25	0.65	0.017	AGAT_FAICP		
			C63597	1188.25	1189	0.75	0.019	AGAT_FAICP		
			C63599	1189	1190	1	0.015	AGAT_FAICP		
			C63600	1190	1190.85	0.85	0.021	AGAT_FAICP		
			C63701	1190.85	1191.15	0.3	0.021	AGAT_FAICP		
			C63702	1191.15	1192	0.85	0.014	AGAT_FAICP		
			C63703	1192	1192.39	0.39	0.021	AGAT_FAICP		
			C63704	1192.39	1192.75	0.36	0.034	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C63705	1192.75	1193.2	0.45	0.053	AGAT_FAICP		
1193.20	**1193.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C63707	1193.2	1193.8	0.6	0.072	AGAT_FAICP		
		Homogeneous fine grained AMP. Massive. Minor very fine dissem Py-Po throughout. Comprises intense alteration band <10cm; undulose; appears to be related to proximal intrusion (not visible). Poorly defined contacts; melted remnants of early qz veins at upper and lower contact.								
1193.80	**1203.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C63708	1193.8	1194.3	0.5	0.037	AGAT_FAICP		
		FGS as in 1179.72-1193.2m	C63709	1194.3	1194.75	0.45	0.248	AGAT_FAICP		
			C63710	1194.75	1195.25	0.5	0.067	AGAT_FAICP		
			C63711	1195.25	1196	0.75	0.02	AGAT_FAICP		
			C63713	1196	1196.7	0.7	0.009	AGAT_FAICP		
			C63714	1196.7	1197.3	0.6	0.018	AGAT_FAICP		
			C63715	1197.3	1197.6	0.3	0.008	AGAT_FAICP		
			C63716	1197.6	1198.3	0.7	0.007	AGAT_FAICP		
			C63717	1198.3	1199	0.7	0.012	AGAT_FAICP		
			C63719	1199	1200	1	0.026	AGAT_FAICP		
			C63720	1200	1201	1	0.021	AGAT_FAICP		
			C63721	1201	1201.4	0.4	0.009	AGAT_FAICP		
			C63722	1201.4	1201.8	0.4	0.024	AGAT_FAICP		
			C63723	1201.8	1202.4	0.6	0.011	AGAT_FAICP		
			C63724	1202.4	1203	0.6	0.03	AGAT_FAICP		
1203.10	**1205.05**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C63725	1203	1204	1	0.01	AGAT_FAICP		
		Dark grey AMP with 25% QZE (weakly elongate <1cm; organized parallel to foliation; quarzofeldspathic). 30% biot-amp; coarse euhedral aligned xls; imparts strong foliation. No significant sulfs. No vis alteration.	C63727	1204	1205.05	1.05	0.006	AGAT_FAICP		
1205.05	**1214.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C63728	1205.05	1205.65	0.6	0.042	AGAT_FAICP		
		Unit characterized by varying texture: fine equigranular to minor QZE segments <30cm. Moderately foliated throughout. Variation in biot-amp grain size imparts textural variation but overall composition remains mostly constant throughout; 10-20% combined biot-amp abundance. Minor sulfide content; mostly very fine dissem Py; rare local colonies of mm scale hackly clots. Minor cm scale veining/PEG; mostly concordant and <5cm; characterized	C63729	1205.65	1206	0.35	0.082	AGAT_FAICP		
			C63730	1206	1206.75	0.75	0.034	AGAT_FAICP		
			C63731	1206.75	1207.2	0.45	0.041	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
by prominent dark pink K-Hem halos; no significant sulfs. No significant pervasive alt.			C63733	1207.2	1207.65	0.45	0.037	AGAT_FAICP		
			C63734	1207.65	1208	0.35	0.055	AGAT_FAICP		
			C63735	1208	1209	1	0.039	AGAT_FAICP		
			C63736	1209	1209.45	0.45	0.071	AGAT_FAICP		
			C63737	1209.45	1210	0.55	0.067	AGAT_FAICP		
			C63739	1210	1211	1	0.094	AGAT_FAICP		
			C63740	1211	1211.55	0.55	0.091	AGAT_FAICP		
			C63741	1211.55	1212	0.45	0.043	AGAT_FAICP		
			C63742	1212	1213	1	0.023	AGAT_FAICP		
			C63743	1213	1214	1	0.018	AGAT_FAICP		
			C63744	1214	1214.65	0.65	0.045	AGAT_FAICP		
1214.65	**1220.35**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C63745	1214.65	1215	0.35	0.051	AGAT_FAICP		
Fine grained and equigranular. 30% amphibole; very fine; dissem. 30% fine dissem biot; euhed. Feldspathic groundmass with minor qz. 2% qz veining; <5cm; mostly concordant; mm scale examples are tightly folded and discontinuous; veining typically hosts cm scale cpx clots. Minor Po-Py; locally forming <mm scale lenses parallel to foliation; local hackly clots in veins; overall <1% abundance. No significant alteration. Local minor epidote assoc with sulfides.			C63747	1215	1216	1	0.017	AGAT_FAICP		
			C63748	1216	1217	1	0.043	AGAT_FAICP		
			C63749	1217	1218	1	0.03	AGAT_FAICP		
			C63750	1218	1219	1	0.025	AGAT_FAICP		
			C63751	1219	1220.35	1.35	0.021	AGAT_FAICP		
1220.35	**1221.05**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	C63753	1220.35	1221.05	0.7	0.026	AGAT_FAICP		
Typical mottled pink-white PEG. Minor selective K alt. ~50% qz. Minor fine dissem Po; 0.1%. Minor dissem biot clots; <5mm; 3%. Discordant contacts.										
1221.05	**1225.08**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C63754	1221.05	1222	0.95	0.017	AGAT_FAICP		
Equigranular and fine grained. Combined ~60% amp-biot; very fine; dissem. 40% fspar; possible albite. Minor fine dissem Po throughout. Occ cm scale qz lenses/boudin; <1cm thick; aligned with foliation. Occ elongate cpx clots; cm scale; assoc with slightly elevated Po. Alignment of biot-amp imparts foliation. Significant qz vein at lower contact.			C63755	1222	1222.7	0.7	0.025	AGAT_FAICP		
			C63756	1222.7	1223	0.3	0.024	AGAT_FAICP		
			C63757	1223	1224	1	0.041	AGAT_FAICP		
			C63759	1224	1224.92	0.92	0.039	AGAT_FAICP		
1225.08	**1227.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C63760	1224.92	1225.35	0.43	0.086	AGAT_FAICP		
Aphanitic groundmass with ~15% fine dissem biot. Abundant microfracs with strong K-Hem halos. 3% qz veinining; deformed; fragmented; hosting significant coarse hackly Po; up to 5% over 10cm. Trace dissem Po throughout groundmass. Alignment of biot imparts weak			C63761	1225.35	1226	0.65	0.072	AGAT_FAICP		
			C63762	1226	1227.1	1.1	0.033	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
fol.										
1227.10	**1233.55**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Overall fine grained but characterized by cm scale cpx-rich bands/clots and qz vein fragments. Mottled texture. ~60% combined amp-biot content; fine; dissem. ~40% fspar dominated groundmass. Coarse cm scale banding imparts foliation and indicates elevated strain. Combined 5% veins and fragments; distinguishable veins <5cm; hosting abund cpx clots and minor coarse clotty Po. Elevated Po assoc with cpx clots.	C63763	1227.1	1228	0.9	0.037	AGAT_FAICP		
			C63764	1228	1229	1	0.052	AGAT_FAICP		
			C63765	1229	1230	1	0.054	AGAT_FAICP		
			C63767	1230	1231	1	0.037	AGAT_FAICP		
			C63768	1231	1231.4	0.4	0.027	AGAT_FAICP		
			C63769	1231.4	1232	0.6	0.031	AGAT_FAICP		
			C63770	1232	1233	1	0.042	AGAT_FAICP		
			C63771	1233	1233.55	0.55	0.04	AGAT_FAICP		
1233.55	**1236.67**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Banded AMP grades downhole into coarse POB AMP; overall composition appears unchanged but amp-biot xls have coalesced into coarse porphs/aggs; mm scale <3mm. Occ subround qz-fspar eyes; <1cm; overall 3%. Minor local aggregates of possible kaolinized fspar; opq dull white and non-reactive. Occ cm scale AMP clasts; subround; <5cm; ~5%. Trace dissem Po throughout.	C63773	1233.55	1234	0.45	0.012	AGAT_FAICP		
			C63774	1234	1235	1	0.01	AGAT_FAICP		
			C63775	1235	1236	1	0.01	AGAT_FAICP		
			C63776	1236	1236.67	0.67	0.011	AGAT_FAICP		
1236.67	**1237.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Banded AMP as previous. Minor epidote alt visible in light coloured bands.	C63777	1236.67	1237.1	0.43	0.037	AGAT_FAICP		
1237.10	**1238.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Typical FGS characterized by fine dissem biot porphs; <3mm; alignment imparts foliation. Rare cm scale Ser-K alt bands; concordant with foliation. Occ minor qz-cpx veins; concordant; <3cm; planar. Trace fine dissem Po throughout.	C63779	1237.1	1238	0.9	0.154	AGAT_FAICP		
			C63780	1238	1238.75	0.75	0.113	AGAT_FAICP		
1238.75	**1239.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Banded AMP INT as previous. Deformed "melted" banding suggests increased strain.	C63781	1238.75	1239.6	0.85	0.052	AGAT_FAICP		
1239.60	**1243.60**	**(MAM) Mottled Amphibolite, ( )** Feldspathic groundmass with lesser qz hosting coarse clotty amp/cpx; <1cm; amorphous; ~30%. ~30% fine dissem biot; alignment imparts foliation. 5% qz veining (elevated relative to	C63782	1239.6	1240.57	0.97	0.027	AGAT_FAICP		
			C63783	1240.57	1241.1	0.53	0.038	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
previous intervals); cm to dm scale; hosting coarse hackly Po clots. ~1% fine dissem Po throughout. Minor K-Hem alt in veins.			C63784	1241.1	1242	0.9	0.031	AGAT_FAICP		
			C63785	1242	1243	1	0.148	AGAT_FAICP		
			C63787	1243	1243.6	0.6	0.087	AGAT_FAICP		
1243.60	**1245.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C63788	1243.6	1244	0.4	0.008	AGAT_FAICP		
Fine porphyroclastic/conglomeratic texture. Fine light grey quarzofeldspathic groundmass hosting 10% weakly elongate mm scale amp porphyroclasts. Fine dissem biot; 20%. Alignment of biot-amp imparts weak foliation. No vis sulfs. No significant alt.			C63789	1244	1245	1	0.009	AGAT_FAICP		
1245.00	**1246.80**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
FGS as previous. Several nebulous dm scale extensional PEGs; amorphous; high angle to foliation. Characterized by mottled grey-white qz with lesser pink K altered fspar. No vis sulfs.										
1246.80	**1249.82**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
FGS as previous. Prominent microfracs with strong K-Ser alt halos. Occasional narrow pegmatitic veins; <2cm; planar to open folded; barren. No vis sulfs.										
1249.82	**1250.20**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
~60% grey to dark grey qz with dissem subhedral fspar. Fspar is selectively K altered. No vis sulfs. Xls <1cm. Minor dissem coarse biot clots; angular.										
1250.20	**1252.08**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
FGS as previous. Minor PEG segment; does not transect core.										
1252.08	**1253.15**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
PEG as in 1249.82 - 1250.20m. Minor Ser alt rims surrounding biot clots										
1253.15	**1253.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
FGS as previous										

1253.80 1255.18 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

PEG mostly as previous. Trace fine dissem Py. Varying texture; dm scale segments of fine equigranular PEG; composition remains homogeneous. No vis sulfs

1255.18 1255.82 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous

1255.82 1256.18 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Typical PEG cut by 5cm white qz vein. Vein is highly fractured. Abund frac controlled epidote alt; forms fine mycelium. Minor coarse cpx clots; <1cm; controlled by fspar xls boundaries. No vis sulfs.

1256.18 1259.20 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS hosting occasional cm scale PEGs and pegmatitic qz veins; weakly deformed. No vis sulfs.

1259.20 1260.35 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Typical PEG and FGS. No vis sulfs. PEGs are nebulous; high angle to foliation; extensional. PEGs host coarse biot clots; cm scale with Ser alt rims; 10%

1260.35 1269.25 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as in 1243.5-1245m. Occasional cm scale amorphous PEGs. Patchy diffuse pink K-Hem alt throughout. No vis sulfs.

1269.25 1271.60 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Strongly K-Hem altered PEG. ~50% qz. No vis sulfs. Minor dissem coarse biot clots; weak Ser rims.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

1271.60 1282.10 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Massive porphyroclastic FGS as in 1246.8-1249.82m. Trace Py; localized mm scale clots. 5% PEGs; cm to dm scale; as previously described. No significant alt in FGS.

1282.10 1283.83 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

PEG as in 1269.25-1271.60m

1283.83 1294.80 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as previous. Trace foliation. 2% veining comprising at least 3 cohorts: opaque white; barren; planar // pegmatitic qz-fspar; planar; abund cpx clots; minor Py clots // extensional; amorphous; white qz with minor pink altered fspar. Both <10cm; approx foliation concordant. Trace Py found locally as mm scale clots; anhedral; occasional cm scale patches of very fine dissem anhedral Py. Local strong Ser-K alteration bands; cm to dm scale <30cm; no vis sulfs. Rare minor AMP beds; <10cm; distinct contacts.

1294.80 1336.90 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS mostly as previous. Porphyritic texture imparted by ~15% mm scale AMP porphs. Occ cm to dm scale AMP beds. Foliation is trace to absent; imparted by alignment of fine to very fine biot xls; 20%. Unit is distinguished from previous FGS by presence of prominent mm scale blue rounded labradorite porphs; 5%; also notable increase in AMP content. No significant sulfs; rare minor Py clots in veins and litho. 2% veining/PEG; cm to dm scale <30cm. Weakly altered throughout; patchy diffuse pink K alt (more pronounced within and proximal to veins/PEGs).

1336.90 1339.08 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Comingled PEG and FGS. PEGs are nebulous and discordant; extensional. FGS as previously described. PEGs exhibit minor pink K alt; also minor Ser and Cpx. No significant sulfs. PEGs are qz dominated with significant dark grey subhedral fspar; cm scale.

1339.08 1341.17 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Typical FGS characterized by 10-15% amp porphs. Occasional minor nebulous PEG clots <5cm. Minor very fine dissem Py throughout. Occasional cm scale AMP clasts with visibly elevated Py content; fine dissem.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1341.17	**1341.50**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** PEG with poorly defined contacts; melted; high angle to foliation. Occasional cm scale rounded cpx clots. 20% dark grey fspar; subhedral; cm scale. 10% cm scale euhedral biot clots. Qz dominated; mottled grey-white. Fine dissem Py assoc with biot clots and cpx clots; overall 1%.								
1341.50	**1345.07**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained equigranular AMP with lesser FGS (as previously described). AMP displays weak foliation highlighted by alignment of fine Py>Po; comprises occ nebulous light green epidote-cpx clots (cm scale; often hosting locally elevated sulfides). Occasional distinctive leucocratic alt bands with sharp margins; discordant; <5cm. Overall 0.3% sulfide mineralization; fine dissem. Rare cm scale discordant PEGs with prominent cpx clots and minor dissem Py.	C64068	1341.5	1341.9	0.4	0.654	AGAT_FAICP		Start of a new sample series; sampled after the EOH.
			C64069	1341.9	1342.68	0.78	0.152	AGAT_FAICP		
			C64070	1342.68	1343.28	0.6	0.696	AGAT_FAICP		
			C64071	1343.28	1343.9	0.62	0.297	AGAT_FAICP		
			C64073	1343.9	1345.07	1.17	0.168	AGAT_FAICP		
1345.07	**1345.45**	**(MAM) Mottled Amphibolite, ( )** Compositional banding imparts strong foliation. Dark green mm to cm scale AMP lithons intercalated with leuco felsic lithons. Fine dissem Py is organized along foliation planes; 0.2%. No significant alteration.	C64074	1345.07	1345.45	0.38	0.102	AGAT_FAICP		
1345.45	**1348.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** AMP content increases downhole; increasing porph size. Otherwise typical FGS. Fine dissem Py throughout; aligned with fol; 0.2%; locally elevated. Minor nebulous PEG clots; cm scale. No significant alteration.	C64075	1345.45	1346.45	1	0.064	AGAT_FAICP		
			C64076	1346.45	1347.45	1	0.039	AGAT_FAICP		
			C64077	1347.45	1348.55	1.1	0.19	AGAT_FAICP		
1348.55	**1350.00**	**(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** PEG comingled with porphyritic AMP. The latter comprises coarse mm scale amp porphs; <1cm; 50%; with plag groundmass. PEGs vary in texture and alteration. Locally strong K-Hem-Ser alteration obscures texture. Trace dissem Py throughout unit.	C64079	1348.55	1349.3	0.75	0.016	AGAT_FAICP		
			C64080	1349.3	1350	0.7	0.047	AGAT_FAICP		
1350.00	**1350.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS is finer grained than typical. Otherwise not noteworthy. Becomes increasingly amp-rich toward lower contact; grades into AMP.	C64081	1350	1350.95	0.95	0.078	AGAT_FAICP		
1350.95	**1354.65**	**(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)	C64082	1350.95	1351.95	1	0.229	AGAT_FAICP		
		Equigranular fine grained AMP. ~70% amp with accesory biot; remainder is fspar. Dark green. Very fine dissem Py-Po throughout; discreet xls organized into fol concordant threads. No significant alteration. Minor veining comprising cm scale PEGs <5cm; mm scale opq white qz veins mostly foliation concordant and occasoinally folded (weakly sulfide mineralized); occ discordant extensional qz-ser-cb? veins deformed.	C64083	1351.95	1352.95	1	0.117	AGAT_FAICP		
			C64084	1352.95	1353.95	1	0.186	AGAT_FAICP		
			C64085	1353.95	1354.65	0.7	0.24	AGAT_FAICP		
1354.65	**1354.95**	**(MAM) Mottled Amphibolite, ( )**	C64087	1354.65	1354.95	0.3	0.148	AGAT_FAICP		
		~50 amphibole in white siliceous groundmass. Coarse mm scale amp porphs; organized into coarse banding; imparts foliation. Coarse hackly Po clots; ~2%; aligned with foliation. Unit comprises 10cm melted qz vein/PEG hosting coarse Po clots. No significant alteration.								
1354.95	**1356.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64088	1354.95	1356	1.05	0.25	AGAT_FAICP		
		Typical porphyritic FGS as previously described. Occ nebulous PEGs; <10cm. Trace fine dissem Py-Po throughout.Mild patchy pink K alt.								
1356.00	**1357.55**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C64089	1356	1357	1	0.167	AGAT_FAICP		
			C64090	1357	1357.55	0.55	0.191	AGAT_FAICP		
		AMP as in 1350.95-1354.65m								
1357.55	**1370.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C64091	1357.55	1358.55	1	0.008	AGAT_FAICP		
		FGS as in 1354.95-1356. Character of alteration changes from K dominated to Ep dominated downhole; overall weak to moderate. Biot-amp content attenuates downhole; becomes fine; ~5-10% each. Sulfide content attenuates downhole; trace dissem very fine xls toward bottom of interval.	C64093	1358.55	1359.55	1	0.022	AGAT_FAICP		
			C64094	1359.55	1360.55	1	0.132	AGAT_FAICP		
			C64095	1360.55	1361.55	1	0.136	AGAT_FAICP		
			C64096	1361.55	1362.6	1.05	0.089	AGAT_FAICP		
			C64097	1362.6	1363.1	0.5	0.099	AGAT_FAICP		
			C64099	1363.1	1364.1	1	0.172	AGAT_FAICP		
			C64100	1364.1	1365.1	1	0.132	AGAT_FAICP		
			C64101	1365.1	1366.1	1	0.042	AGAT_FAICP		
			C64102	1366.1	1367.1	1	0.077	AGAT_FAICP		
			C64103	1367.1	1368.1	1	0.056	AGAT_FAICP		
			C64104	1368.1	1368.65	0.55	0.256	AGAT_FAICP		
			C64105	1368.65	1369.05	0.4	0.103	AGAT_FAICP		
			C64107	1369.05	1369.8	0.75	0.067	AGAT_FAICP		
			C64108	1369.8	1370.2	0.4	0.072	AGAT_FAICP		
			C64109	1370.2	1370.85	0.65	0.019	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1370.85	**1371.35**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)** Discordant; extensional. Pervasive weak epidote alteration. Minor dissem biot clots; <5mm; euhedral. Mottled grey qz-fspar. Trace dissem very fine Po. Mostly equigranular.	C64110	1370.85	1371.35	0.5	0.041	AGAT_FAICP		
1371.35	**1379.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by notable decrease in biot-amp prevalence. Fine biot-amp porphs; <5mm; alignment imparts foliation. Grey qz-fsp groundmass; aphanitic. No vis sulfs. Patchy weak Ep-Ser alt throughout. 2% mm to cm scale qz veining; mostly concordant and <2cm; planar. occ amorphous white opq qz masses with fine frac controlled Ser alt. Rare minor AMP beds; <15cm. Occ bands of coarse organized biot; concordant; <2cm.	C64111	1371.35	1372.35	1	0.048	AGAT_FAICP		
			C64113	1372.35	1373.35	1	0.096	AGAT_FAICP		
			C64114	1373.35	1374.35	1	0.043	AGAT_FAICP		
			C64115	1374.35	1375.35	1	0.076	AGAT_FAICP		
			C64116	1375.35	1376.35	1	0.041	AGAT_FAICP		
			C64117	1376.35	1377.15	0.8	0.059	AGAT_FAICP		
			C64119	1377.15	1377.45	0.3	0.265	AGAT_FAICP		
			C64120	1377.45	1378.45	1	0.054	AGAT_FAICP		
			C64121	1378.45	1379.25	0.8	0.036	AGAT_FAICP		
1379.25	**1386.30**	**(DIA) Diabase Dike, ( )** Massive fine grained equigranular DIA. 30% distinctive very fine euhedral plag laths; <mm scale; no orient. No vis sulfs. No signif alt or veining. Moderately magnetic (WG comment 20190711).	C64122	1379.25	1380.75	1.5	0.002	AGAT_FAICP		
			C64123	1380.75	1382.25	1.5	0.001	AGAT_FAICP		
			C64124	1382.25	1383.75	1.5	0.001	AGAT_FAICP		
			C64125	1383.75	1385.25	1.5	0.0005	AGAT_FAICP		
			C64127	1385.25	1386.3	1.05	0.001	AGAT_FAICP		
1386.30	**1387.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by fine porphyritic texture imparted by 20% rounded qz-fsp porphs; <1mm. Trace very fine dissem Py. Discordant healed microfracs are common. No signif alt.	C64128	1386.3	1387.3	1	0.002	AGAT_FAICP		
			C64129	1387.3	1387.9	0.6	0.002	AGAT_FAICP		
1387.90	**1395.60**	**(DIA) Diabase Dike, ( )** DIA as in 1379.25-1386.3m. Distinguished from prev by prevalence of qz-cb veining and increased alteration; becomes intensely altered proximal to lower contact with FGS MU. Alt assemblage comprises Cb-Ser-Ep-FeCb-Chl; pronounced proximal to fine healed fracs and qz-cb (pink Cb) veinlets (up to 7cm thick). No vis sulfs. Lower contact is oblique to DIA contacts uphole. Moderately magnetic (WG comment 20190711).	C64130	1387.9	1389.4	1.5	0.0005	AGAT_FAICP		
			C64131	1389.4	1390.9	1.5	0.0005	AGAT_FAICP		
			C64133	1390.9	1392	1.1	0.0005	AGAT_FAICP		
			C64134	1392	1392.6	0.6	0.002	AGAT_FAICP		
			C63790	1392.6	1393.6	1	0.01	AGAT_FAICP		
			C63791	1393.6	1394.4	0.8	0.014	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C63793	1394.4	1394.9	0.5	0.006	AGAT_FAICP		
			C63794	1394.9	1395.6	0.7	0.008	AGAT_FAICP		
1395.60	**1401.56**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS sequence uphole; medium grey; fg; moderately to strongly foliated; common light green/beige Ser-altered haloes (up to 35cm wide) around Qz-Cb veiblets. Upper part is weakly fractured (no oriented though); with black filling (Chl? oxydes?). Rare QzKFp veinlets. Few thin KFp-altered haloes around QzCb veinlets. Lower contact with "DIO" unit (more likely a tuff) is tightly F1-folded.	C63795	1395.6	1396.6	1	0.034	AGAT_FAICP		
			C63796	1396.6	1397.3	0.7	0.062	AGAT_FAICP		
			C63797	1397.3	1398.3	1	0.03	AGAT_FAICP		
			C63799	1398.3	1399.3	1	0.031	AGAT_FAICP		
			C63800	1399.3	1400.3	1	0.024	AGAT_FAICP		
			C63801	1400.3	1401.56	1.26	0.025	AGAT_FAICP		
1401.56	**1402.12**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Small probable intermediate tuff (logged as DIO-P1 for consistency but less likely an intrusive) level tightly F1-folded within FGS sequence (opposite F1-fold vergences on each limbs; asymmetric folds; pictures 5666-67; unoriented core). Dark grey and green; moderately to strongly foliated; fg Amp (5-10%; // S1; dark green with light green possible Chl+/-Ep retromorphose products?) +fg Bt (10-15%; // S1) +fg-mg Qz+Fp poprhyroclasts/phenocrysts. Contacts sub// S1; S1 axial planar of F1 folds.	C63802	1401.56	1402.12	0.56	0.016	AGAT_FAICP		
1402.12	**1402.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS level as part of larger sequence; between two "DIO" levels (probably tuffs) F1-folded within FGS. Few % Amp.	C63803	1402.12	1402.7	0.58	0.019	AGAT_FAICP		
1402.70	**1403.85**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Similar probable intermediate tuff as 1401.56-1402.12m; logged as DIO-P1 for consistency. Tr. Py. Dark grey and green; moderately to strongly foliated; fg Amp (5-10%; // S1; dark green with light green possible Chl+/-Ep retromorphose products?) +fg Bt (10-15%; // S1) +fg-mg Qz+Fp poprhyroclasts/phenocrysts. Upper contact sub// S1.	C63804	1402.7	1403.85	1.15	0.014	AGAT_FAICP		
1403.85	**1404.32**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small PEG-GR vein; massive; cg-vcg; light pink KFp; pale green Fp; grey Qz; local Bt; some angular dark grey minerals (sphalerite? non-magnetic; hard).	C63805	1403.85	1404.32	0.47	0.056	AGAT_FAICP		
1404.32	**1406.53**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (**	C63807	1404.32	1405.3	0.98	0.288	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	C63808	1405.3	1405.85	0.55	0.04	AGAT_FAICP		
		UMD-Lamp dyke; kaki; altered (mineral?); some xenoliths (altered FGS < few cm wide); Cb phenocrysts; 30cm wide FGS (Ser-altered) at 1405.47m. Non-magnetic.	C63809	1405.85	1406.53	0.68	0.019	AGAT_FAICP		
1406.53	**1407.41**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63810	1406.53	1407.41	0.88	0.186	AGAT_FAICP		
		Continuity of FGS sequence uphole with sub-melting texture (looks like FGG but no WM yet); few thin PEG-GE veinlets; moderately foliated; silicified; KFp-rich (pink to grey); weak to moderate Ser-alteration.								
1407.41	**1408.05**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C63811	1407.41	1408.05	0.64	0.654	AGAT_FAICP		
		Small PEG-GR within FGS transitionning toward FGG downhole. Tr. Py; FGS relicts are Ser-altered. Some white QV2 within.								
1408.05	**1411.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63813	1408.05	1409.05	1	0.48	AGAT_FAICP		
		FGS transitions toward FGG; pink; moderately foliated; silicified; KFp-rich; some diffuse Qz-KFp veinlets // S1; cor eis locally redrilled (conique core pieces); tr. Chl.	C63814	1409.05	1410.05	1	0.437	AGAT_FAICP		
			C63815	1410.05	1411	0.95	6.62	AGAT_FAGR A		
1411.00	**1417.15**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )**	C63816	1411	1412	1	3.74	AGAT_FAICP		
		Typical FGG; isograde WM in at 1411m. FGG is medium grey and pale pink (KFp-rich levels); with 5% diffuse PEG-GR veinlets // S1; moderately to strongly foliated; modertaely to strongly silicified (pervasive silicification and few thin Qz veinlets sub // S1). 10-20% WM as light grey/pearl-like/pale green fg to cg porphyroblasts // S1; 5% fg-mg beige sheets (probable Ser) seem to pre-date coarser grained light grey WM poprhyroblasts. Tr. Py. Tr. leucoxene ? (Tim Smith comment).	C63817	1412	1413.3	1.3	1.08	AGAT_FAICP		
			C63819	1413.3	1413.74	0.44	0.038	AGAT_FAICP		
			C63820	1413.74	1414.7	0.96	0.891	AGAT_FAICP		
			C63821	1414.7	1415.7	1	0.166	AGAT_FAICP		
			C63822	1415.7	1416.3	0.6	0.056	AGAT_FAICP		
			C63823	1416.3	1416.6	0.3	0.077	AGAT_FAICP		
			C63824	1416.6	1417.15	0.55	0.042	AGAT_FAICP		
1417.15	**1419.37**	**(FGS, FGG) Felsic Gneiss Sedimentary, Felsic Gneiss Granitic, (FGSMU) Muscovite-rich FGS**	C63825	1417.15	1417.5	0.35	0.044	AGAT_FAICP		
		FGS-Mu level represents a less-altered verison of FGG. 85% FGS-Mu with 15% intermixed FGG levels (<20cm wide). FGS-Mu is medium grey; fg; moderately to strongly foliated; moderately silicified (pervasively); fg with some diffuse thin QzFpWM bands // S1; tr. Py; local tightly folded QzFp veinlet. FGG is coarser grained; almost pegmatitic (partial melt?); silicified; moderately to strongly foliated; with cg light grey WM porphyroblasts; salmon pink KFp patches // S1; tr. Py.	C63827	1417.5	1417.8	0.3	0.033	AGAT_FAICP		
			C63828	1417.8	1418.46	0.66	0.052	AGAT_FAICP		
			C63829	1418.46	1419.37	0.91	0.035	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1419.37	**1421.60**	**(FGG, FGS) Felsic Gneiss Granitic, Felsic Gneiss Sedimentary, ( )** FGG interval with 15% intermixed FGS levels (<25cm wide). FGG is grey; light green (WM); salmon pink (KFp);moderately to strongly foliated; fg-mg with mg-cg light grey WM porphyroblasts (often // S1); light green WM masses; tr. Bt; tr. Py; some salmon pink KFp-rich levels; few small PEG-GR veinlets (Qz+KFp+light grey WM+pale green WM+tr.Bt+tr.Py).	C63830	1419.37	1419.85	0.48	0.068	AGAT_FAICP		
			C63831	1419.85	1420.8	0.95	0.08	AGAT_FAICP		
			C63833	1420.8	1421.6	0.8	0.077	AGAT_FAICP		
1421.60	**1422.16**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Small FGS-Mu level within FGG sequence; // S1; medium grey; pale green (WM?); moderately foliated; rare QzFp veinlets.	C63834	1421.6	1422.16	0.56	0.021	AGAT_FAICP		
1422.16	**1426.67**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )** Continuity of FGG unit uphole with 5% diffuse PEG-GR. FGG is medium grey; pale green (green WM); pale pink (KFp-rich levels); with 5% diffuse PEG-GR veinlets // S1 (Qz+pink KFp+ pale green Fp); moderately to strongly foliated; moderately to strongly silicified (pervasive silicification); 10-20% WM as light grey/pearl-like/pale green fg to cg porphyroblasts/clasts // S1; 5% fg-mg beige sheets (probable Ser) seem to pre-date coarser grained light grey WM poprhyroblasts/clasts. Tr. Py.	C63835	1422.16	1423.16	1	0.031	AGAT_FAICP		
			C63836	1423.16	1423.5	0.34	0.037	AGAT_FAICP		
			C63837	1423.5	1424.5	1	0.048	AGAT_FAICP		
			C63839	1424.5	1425.1	0.6	0.033	AGAT_FAICP		
			C63840	1425.1	1426.1	1	0.124	AGAT_FAICP		
			C63841	1426.1	1426.67	0.57	0.065	AGAT_FAICP		
1426.67	**1427.68**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Small similar FGS-Mu as 1417.15-1419.37m. FGS-Mu is medium grey; fg; moderately to strongly foliated; moderately silicified (pervasively); fg with tr. Py;	C63842	1426.67	1427.68	1.01	0.032	AGAT_FAICP		
1427.68	**1435.38**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )** Wider FGG unit similar to intervals uphole; with 10% intermixed FGS-Mu levels and some PEG-GR veinlets. Upper contact with FGS-Mu is a diffuse PEG-GR. FGG is medium grey; pale green (green WM); pale pink (KFp-rich bands and levels). FGG is moderately to strongly foliated; moderately to strongly silicified (pervasive silicification). 10-20% WM as light grey/pearl-like/pale green fg to cg porphyroblasts/clasts // S1; 5% fg-mg beige sheets (probable Ser) seem to pre-date coarser grained light grey WM poprhyroblasts/clasts. 25% KFp (salmon pink; as individual grains or as bands/diffuse masses // S1). Tr. Py. 5% diffuse PEG-GR veinlets // S1 (Qz+pink KFp+ pale green Fp+local amethyst+ small Py masses).	C63843	1427.68	1428.1	0.42	0.026	AGAT_FAICP		
			C63844	1428.1	1428.9	0.8	0.038	AGAT_FAICP		
			C63845	1428.9	1429.3	0.4	0.041	AGAT_FAICP		
			C63847	1429.3	1430.3	1	0.05	AGAT_FAICP		
			C63848	1430.3	1431.3	1	0.069	AGAT_FAICP		
			C63849	1431.3	1431.6	0.3	0.099	AGAT_FAICP		
			C63850	1431.6	1432.6	1	0.044	AGAT_FAICP		
			C63851	1432.6	1433.4	0.8	0.033	AGAT_FAICP		
			C63853	1433.4	1434.4	1	0.084	AGAT_FAICP		
			C63854	1434.4	1435.38	0.98	0.101	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1435.38	**1436.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Stronlgy silicified FGS-Mu // S1 with abundant fg beige Ser (WM?) and rare Qz veinlets // S1. Some mg-cg light grey WM porphyroclasts // S1.	C63855	1435.38	1436.1	0.72	0.212	AGAT_FAICP		
1436.10	**1436.98**	**(AMP) Amphibolite, ( )** Small AMP interval within FGG sequence is strongly Ser-altered; dark green relicts in central part (fg-mg Amp+Bt+Ser// S1); light green/beige (yellow Ser // S1) against contacts with strongly silicified FGS-Mu.	C63856	1436.1	1436.98	0.88	0.087	AGAT_FAICP		
1436.98	**1442.62**	**(FGG) Felsic Gneiss Granitic, ( )** FGG interval is strongly silicified (pervasively); medium grey; locally salmon pink (KFp-rich levels); strongly foliated (WM// S1); some thin QzKFp veinlets // S1. 0.25% Py overall with locally higher Py% in lower part. From 1441.3m FGS is finer grained; more silicified and mineralized (0.5% Py) with less WM.	C63857	1436.98	1438	1.02	0.222	AGAT_FAICP		
			C63859	1438	1439	1	0.152	AGAT_FAICP		
			C63860	1439	1440	1	0.129	AGAT_FAICP		
			C63861	1440	1441.3	1.3	0.175	AGAT_FAICP		
			C63862	1441.3	1442	0.7	0.203	AGAT_FAICP		
			C63863	1442	1442.62	0.62	0.315	AGAT_FAICP		
1442.62	**1444.69**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Logged as DIO-P1 for consistency but more likely a fg-mg tuff. Grey and slightly green (weak Ser-altered haloes around late Qz-Cb veinlets); moderately to strongly foliated; typical mg texture (Qz+ whitish Fp porphyroclasts); 8% Bt // S1; tr. WM; tr. Py; moderately silicified (pervasively). Last 30cm are strongly silicified (pervasively).	C63864	1442.62	1443.62	1	0.036	AGAT_FAICP		
			C63865	1443.62	1444.69	1.07	0.085	AGAT_FAICP		
1444.69	**1445.37**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Small GBFG interval; dark grey; strongly foliated; 25% Bt (// S1); tr. fg-mg Gt; 1% Po+Py (diss. blebs and thin veinlets // S1. Rare Qz-Fp veinlet // S1; rare greenish Ser-rich level. S1 locally folded against small PEG veinlet (flank folds). Upper contact with "DIO" is irregular (diffuse).	C63867	1444.69	1445.37	0.68	2.04	AGAT_FAICP		
1445.37	**1448.24**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** FGS interval with 7% small PEG-GR veinlets (<12cm thick; Qz+/-pink KFP+/-green Plg?) sub// S1 and few thin GBFG levels // S1 (<8cm thick; 1% Py+Po). FGS is medium to dark grey; moderately to strongly silicified (pervasively); moderately to strongly foliated; fg with some cg Qz eyes levels (diffuse). 0.25% Py+Po.	C63868	1445.37	1446.15	0.78	0.229	AGAT_FAICP		
			C63869	1446.15	1446.45	0.3	0.272	AGAT_FAICP		
			C63870	1446.45	1446.75	0.3	0.328	AGAT_FAICP		
			C63871	1446.75	1447.8	1.05	0.205	AGAT_FAICP		
			C63873	1447.8	1448.24	0.44	0.103	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1448.24	**1448.87**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Small (G)BFG similar to 1444.69-1445.37m; dark grey; fg-mg; mod. to strongly foliated; no Gt; 15-20% Bt // S1; 0.5% Py+Po; few thin Qz-Fp veinlets // S1.	C63874	1448.24	1448.87	0.63	0.137	AGAT_FAICP		
1448.87	**1450.74**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is silicified; with 5-10% Amp from 1450m (transition toward the AMP-interm. unit downdip). Upper contact with GBFG is quite irregular. Small KFp-altered (orangey) halo around Qz-Cb veinlet at 1449.9m. Grey; greenish in lower part (Amp-richer); moderately foliated; 0.25% Py.	C63875	1448.87	1449.87	1	0.049	AGAT_FAICP		
			C63876	1449.87	1450.74	0.87	0.159	AGAT_FAICP		
1450.74	**1451.38**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Small AMP-interm. interval; dark green; moderately foliated; weakly stretched (L1 measured from Amp blades); fg-mg; dark green Amp; medium green Cpx?Amp?; 0.25% Py (diss. blebs).	C63877	1450.74	1451.38	0.64	0.1	AGAT_FAICP		
1451.38	**1452.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small silicified FGS level between two AMP-interm. units. Few Ser-altered thin haloes around mm wide Qz veinlets.	C63879	1451.38	1452.2	0.82	0.022	AGAT_FAICP		
1452.20	**1452.64**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Similar AMP-interm. level as 1450.74-1451.38m. Dark to medium green; moderately foliated; moderately pervasively silicified; fg-mg; dark green Amp; medium green Cpx?Amp?; 0.25% Py (diss. blebs); diffuse felsic bands // S1. Contacts are converging; probably boudinaged.	C63880	1452.2	1452.64	0.44	0.188	AGAT_FAICP		
1452.64	**1453.37**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Mostly FGS-Mu with lower part almost FGG (strongly silicified; 3% WM; 0.5% Po+Py). Mostly medium grey; slightly green (1-2% Amp); mod. foliated.	C63881	1452.64	1453	0.36	0.031	AGAT_FAICP		
			C63883	1453	1453.37	0.37	1.03	AGAT_FAICP		
1453.37	**1453.86**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small PEG-GR/QV1? vein (similar to several veins downhole within FGG+/-GBFG interval). Lower contact // S1; upper contact oblique to S1 (gash tail?). Massive; cg-vcg; dark smokey Qz; pink/white/pale green Fp; 1% Py+Po (masses); few % WM+Bt.	C63884	1453.37	1453.86	0.49	0.586	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1453.86	**1454.24**	**(FGG) Felsic Gneiss Granitic, ( )** Small FGG interval (host rock of several PEG/QV1 veins); strongly silicified; medium grey/greenish (Amp); locally mustard (strongly Ser-altered); strongly foliated; Bt+WM+Amp; 1.5% Py+Po.	C63885	1453.86	1454.24	0.38	1.86	AGAT_FAICP		
1454.24	**1454.93**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG-GR/QV1? vein (similar to several surrounding veins within FGG+/-GBFG interval). Upper contact oblique to S1 (tension gash?) but lower contact sub // S1. Massive; cg-vcg; dark smokey Qz; pink/white/pale green Fp; 2% Py+Po (masses) surrounded by light green (Chl?) rims; 2-3% WM+Bt.	C63887	1454.24	1454.93	0.69	1.71	AGAT_FAICP		
1454.93	**1456.61**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )** FGG interval (host rock of several PEG/QV1 veins); strongly silicified; medium/dark grey with salmon pink levels (KFp-rich); moderately to strongly foliated; 10-15% WM (fg to mg); 5% Bt (lower contact is GBFG); tr. Amp; 1.5% Py+Po. 8cm thick PEG-GR veinlet at 1455.4m (flank folds affecting S1 around veinlet).	C63888 C63889	1454.93 1455.59	1455.59 1456.61	0.66 1.02	0.971 0.731	AGAT_FAICP AGAT_FAICP		
1456.61	**1457.16**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** PEG-QG/QV1? vein (similar to several surrounding veins within FGG+/-GBFG interval). Contacts sub// S1; massive; cg-vcg; dark smokey Qz; pink/white Fp; 0.75% Py+Po (masses); tr. Bt; mustard Ser-rich bands // S1; late thin Qz veinlets.	C63890	1456.61	1457.16	0.55	0.39	AGAT_FAICP		
1457.16	**1458.17**	**(FGG) Felsic Gneiss Granitic, ( )** Continuity of FGG interval (host rock of several PEG/QV1 veins); strongly silicified; medium/dark grey; thin dark grey/blueish bands // S1 (WM?); strongly foliated; 10-15% WM (fg to mg); tr. Amp; 1.5% Py+Po.	C63891	1457.16	1458.14	0.98	0.561	AGAT_FAICP		
1458.17	**1458.44**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** PEG-QG/QV1? vein (similar to several surrounding veins within FGG+/-GBFG interval). Contacts sub// S1; massive; cg-vcg; grey to dark smokey Qz; pink/white Fp; tr. Py+Po; tr. Bt.	C63893	1458.14	1458.44	0.3	1.07	AGAT_FAICP		
1458.44	**1461.37**	**(FGG) Felsic Gneiss Granitic, ( )** Continuity of FGG interval (host rock of several PEG/QV1 veins); strongly silicified; medium/dark grey; salmon-pink (KFp-rich); locally mustard (Ser-altered thin GBFG sleevers // S1); moderately to strongly foliated; 10-15% WM (fg to mg); tr. Amp; up to 1.5% Py+Po;	C63894 C63895 C63896	1458.44 1459.44 1460.44	1459.44 1460.44 1461.37	1 1 0.93	3.21 0.659 0.305	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
thin dark grey/blueish bands // S1 (WM?).										
1461.37	**1463.82**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63897	1461.37	1462.37	1	0.133	AGAT_FAICP		
FGS is grey; greenish (vfg-fg Amp; Ser?); silicified (pervasively); fg; locally banded (at 1463m; compositional layering S0 // S1); moderately foliated. Some QzFp veinlets // S1; tr. Py.			C63899	1462.37	1463.37	1	0.064	AGAT_FAICP		
			C63900	1463.37	1463.82	0.45	0.029	AGAT_FAICP		
1463.82	**1469.33**	**(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, ( )**	C63901	1463.82	1464.82	1	0.097	AGAT_FAICP		
Logged as FGG but difficult to properly define lithology. Contains Swamp Fault(s?). Felsic unit is grey (smokey grey Qz) and pink (locally strongly KFp-altered); trace WM; with FGG diffuse levels mixed with locally strongly sheared levels (mylonite 1466.44-1466.58m); some small PEG-GR veinlets; possibly migmatitic levels as well (cg Qz; Fp); some brown Ser-rich levels (up to 7cm thick) // S1. Several strong fault breccias from Swamp Fault system (see structures; 1467.09-1467.18m; 1468.47-1469.06m)): felsic fragments; black matrix (Chl?); non-magnetic; mustard/brown mylonitic bands // S1 suggesting an early ductile movement; some dark fractures throughout interval. Few Cb veinlets thoughout. Upper contact is diffuse.			C63902	1464.82	1465.82	1	0.075	AGAT_FAICP		
			C63903	1465.82	1466.82	1	0.059	AGAT_FAICP		
			C63904	1466.82	1467.2	0.38	0.12	AGAT_FAICP		
			C63905	1467.2	1468.2	1	0.108	AGAT_FAICP		
			C63907	1468.2	1468.8	0.6	0.053	AGAT_FAICP		
			C63908	1468.8	1469.33	0.53	0.084	AGAT_FAICP		
1469.33	**1472.47**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C63909	1469.33	1469.85	0.52	0.051	AGAT_FAICP		
Probable UMD dyke; grey/greenish/blueish (altered compared to regular UMD); looks like Swamp Fault 2 UMD. Vfg matrix with some fg Plg-rich (beige tablets) levels; non-magnetic; some felsic xenoliths (FGS?). Few Cb veinlets; some black (Chl?)-filled fractures.			C63910	1469.85	1470.15	0.3	0.209	AGAT_FAICP		
			C63911	1470.15	1471.15	1	0.307	AGAT_FAICP		
			C63913	1471.15	1471.8	0.65	0.473	AGAT_FAICP		
			C63914	1471.8	1472.47	0.67	0.208	AGAT_FAICP		
1472.47	**1473.44**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**	C63915	1472.47	1472.88	0.41	0.839	AGAT_FAICP		
FGS interval with 30% intermixed PEG-GR (locally migmatitic and fg-mg). FGS is dark grey; pinky (KFp); upper contact is redish/brown (strongly Ser-altered against UMD). Mod. to strongly foliated; fg; 0.25% Py.			C63916	1472.88	1473.44	0.56	0.327	AGAT_FAICP		
1473.44	**1478.10**	**(GBFG, FGG) Garnet Biotite Felsic Gneiss, Felsic Gneiss Granitic, ( )**	C63917	1473.44	1473.74	0.3	0.868	AGAT_FAICP		
(G)BFG with 5% FGG+/- PEG-GR levels. GBFG is dark grey; blueish with common beige/mustard levels strongly Ser-altered (haloes around Qz-Cb veinlets) especially from 1476.38m. Strongly to moderately foliated; fg with some mg levels (white Fp; salty texture) and some dark grey cg WM whisps. No Gt observed. Few Qz (+/- Py masses) veinlets sub// S1. 15cm wide PEG-GR near upper contact; 18cm wide FGG (migmatitic?) at 1476.85m. 0.25% Po+Py.			C63919	1473.74	1474.5	0.76	2.35	AGAT_FAICP		
			C63920	1474.5	1474.8	0.3	1.17	AGAT_FAICP		
			C63921	1474.8	1475.7	0.9	0.424	AGAT_FAICP		
			C63922	1475.7	1476.38	0.68	0.133	AGAT_FAICP		
			C63923	1476.38	1477	0.62	0.101	AGAT_FAICP		
			C63924	1477	1477.5	0.5	0.264	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C63925	1477.5	1477.8	0.3	0.094	AGAT_FAICP		
			C63927	1477.8	1478.1	0.3	0.096	AGAT_FAICP		
1478.10	**1478.55**	**(FGG) Felsic Gneiss Granitic, ( )** Small FGG/migmatitic level within (G)BFG interval. Light pink and grey; weakly to moderately foliated (fabrics obliterated by partial melt?); fg-mg; 4% Bt.	C63928	1478.1	1478.55	0.45	0.118	AGAT_FAICP		
1478.55	**1478.88**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Small GBFG level; dark grey/blueish; strongly foliated; fg-mg; Bt+Gt+Amp.	C63929	1478.55	1478.88	0.33	0.674	AGAT_FAICP		
1478.88	**1479.41**	**(PEG, GBFG) Pegmatite, Garnet Biotite Felsic Gneiss, (PEGGR) Granitic Pegmatite (<50% quartz)** Small migmatitic/pegmatitic level within GBFG; medium grey Qz+light pink Fp; 20% small brown Ser-altered GBFG sleevers.	C63930	1478.88	1479.41	0.53	0.554	AGAT_FAICP		
1479.41	**1482.00**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** Logged as DIO for consistency but not true lithology unknown. Dark grey (Qz+Bt); dark green (Amp); pink (KFp porphyroclasts flattened // S1 and stretched // strong L1; especially in lower part). Moderately to strongly foliated; strong stretching lineation; few small Qz+KFp pegnatites/migmatites sub // S1. 30cm wide beige Ser-altered level at lower contact with AMP. No OL to measure L1.	C63931	1479.41	1480.41	1	0.897	AGAT_FAICP		
			C63933	1480.41	1481	0.59	0.067	AGAT_FAICP		
			C63934	1481	1482	1	0.055	AGAT_FAICP		
1482.00	**1489.59**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** AMP intermediate interval; probably AMP-FW but no typical texture; no Gt neither. Dark green (Amp Hbl); locally medium green bands (Cpx?); clocal Bt; ommon salty texture with fg light grey Fp; locally weakly banded (// S1); moderately to strongly foliated; Amp are moderately stretched // L1 (no OL to measure). From 1487.73 to 1488.84m: AMP is strongly silificied (looks like MAM texture) with small quartz veinlets sub // S1; locally F2 folded (along with S1; open F2 folds); local 1% Py+Po; 5-10% Bt. 25cm wide PEG-GR vein near upper contact is Ser (?)-altered (light green interstitial). Few small light green/beige Ser-altered haloes around late Qz-Cb veinlets.	C63935	1482	1482.3	0.3	0.256	AGAT_FAICP		
			C63936	1482.3	1482.6	0.3	0.046	AGAT_FAICP		
			C63937	1482.6	1483.6	1	0.145	AGAT_FAICP		
			C63939	1483.6	1484.6	1	0.503	AGAT_FAICP		
			C63940	1484.6	1485.6	1	0.877	AGAT_FAICP		
			C63941	1485.6	1486.6	1	0.884	AGAT_FAICP		
			C63942	1486.6	1487.6	1	0.619	AGAT_FAICP		
			C63943	1487.6	1488.2	0.6	2.13	AGAT_FAICP		
			C63944	1488.2	1488.84	0.64	3.79	AGAT_FAICP		
			C63945	1488.84	1489.59	0.75	1.19	AGAT_FAICP		
1489.59	**1490.18**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C63947	1489.59	1490.18	0.59	0.156	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Small FGS level within AMP-(FW) sequence; // S1. Medium grey; modetrately foliated; fg; 5% Bt // S1; 0.25% Po; few thin light green Ser-altered haloes around late Qz veinlets.								
1490.18	**1501.55**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** AMP locally looks like typical AMP-FW. Overall dark green (Amp) with several light green/beige Ser-altered haloes around late Qz-Cb veinlets; some light green levels (Cpx-rich?); local redish fg-mg Gt. Possible hyaloclastite texture at 1491.7m with dark green mm thick Amp+Po fractures within fg Amp-Fp salty background; local Cpx-rich band (pillow selvage?). Few thin light grey/white Qz+Fp veinlets.	C63948	1490.18	1490.55	0.37	1.43	AGAT_FAICP		
			C63949	1490.55	1490.85	0.3	7.49	AGAT_FAGRA		
			C63950	1490.85	1491.85	1	1.16	AGAT_FAICP		
			C63951	1491.85	1492.85	1	0.66	AGAT_FAICP		
			C63953	1492.85	1493.85	1	0.732	AGAT_FAICP		
			C63954	1493.85	1494.85	1	1.35	AGAT_FAICP		
			C63955	1494.85	1495.3	0.45	1.17	AGAT_FAICP		
			C63956	1495.3	1496	0.7	4.78	AGAT_FAICP		
			C63957	1496	1496.6	0.6	2.16	AGAT_FAICP		
			C63959	1496.6	1497	0.4	3.51	AGAT_FAICP		
			C63960	1497	1498	1	0.407	AGAT_FAICP		
			C63961	1498	1499	1	0.137	AGAT_FAICP		
			C63962	1499	1500	1	0.551	AGAT_FAICP		
			C63963	1500	1500.6	0.6	1.2	AGAT_FAICP		
			C63964	1500.6	1501.55	0.95	0.477	AGAT_FAICP		
1501.55	**1503.44**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** FGS is medium grey; slightly green (5% Amp); 4% Bt; weakly to moderately foliated. Upper contact has low angle suggesting a boudinaged contact. 22cm wide light grey possible migmatite near lower contact; as well as a 28cm wide AMP-intermediate level.	C63965	1501.55	1502.54	0.99	0.057	AGAT_FAICP		
			C63967	1502.54	1502.84	0.3	0.05	AGAT_FAICP		
			C63968	1502.84	1503.14	0.3	0.363	AGAT_FAICP		
			C63969	1503.14	1503.44	0.3	0.01	AGAT_FAICP		
1503.44	**1505.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** AMP-FW is dark green; locally medium green (Cpx-bands // S1; surrounded by thin dark green Amp rims); fg; moderately foliated (more foliated than surrounded FGS levels); local QzFpPoPy veinlets (probably as tension gashes opened obliquely to S1).	C63970	1503.44	1504.44	1	0.438	AGAT_FAICP		
			C63971	1504.44	1505	0.56	0.482	AGAT_FAICP		
1505.00	**1507.05**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is medium grey; fg with mg Qz grains; weakly to moderately foliated; 5% Bt; tr. Amp; some thin AMP sleevers slightly oblique to S1 (S1 is crossing S0 contacts; AMP with Bt and 0.5% Po); local small QV2 (6cm wide); tr. Po. Local small medium green Ser-altered halo around late Qz veinlet.	C63973	1505	1506	1	0.308	AGAT_FAICP		
			C63974	1506	1507.05	1.05	0.196	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1507.05	**1507.80**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPFW) Footwall Amphibolite** AMP-FW with small FGS level. AMP is dark green (Amp) and medium green (Cpx bands // weak to moderate S1). 0.75% Po+Py preferentially in AMP. Rare thin Qz veinlet // S1.	C63975	1507.05	1507.8	0.75	0.682	AGAT_FAICP		
1507.80	**1508.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is medium grey; weakly to mod. foliated; locally moderately stretched (Qz // L1); fg with mg Qz grains; local thin AMP bands/sleevers // S1; local medium green Cpx in white Qz+Fp+Po band (depletion texture?).	C63976	1507.8	1508.6	0.8	0.074	AGAT_FAICP		
1508.60	**1509.40**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPFW) Footwall Amphibolite** AMP-FW interval with 18cm wide FGS interbedded level. AMP is dark green; weakly to moderately foliated; fg; tr. Po.	C63977	1508.6	1509.4	0.8	0.673	AGAT_FAICP		
1509.40	**1522.08**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** FGS sequence in FW; with small PEG-GR veinlets throughout (light grey and white); 28cm wide AMP at 1510.35m. FGS is medium to dark grey; locally green (5% Amp-rich levels and disseminated Amp); 5% Bt (local higher concentrations // S1); fg-mg; weakly to moderately foliated; moderately stretched (Qz+Amp locally // L1); locally weakly banded (Amp-rich bands // S1); tr. Py (diss. blebs); local thin Ser-altered haloes around late Qz-Cb veinlets.	C63979	1509.4	1510.35	0.95	0.455	AGAT_FAICP		
			C63980	1510.35	1510.65	0.3	0.045	AGAT_FAICP		
			C63981	1510.65	1511.65	1	0.202	AGAT_FAICP		
			C63982	1511.65	1512.65	1	0.022	AGAT_FAICP		
			C63983	1512.65	1513.65	1	0.011	AGAT_FAICP		
			C63984	1513.65	1514.65	1	0.006	AGAT_FAICP		
			C63985	1514.65	1515.65	1	0.013	AGAT_FAICP		
			C63987	1515.65	1516.5	0.85	0.008	AGAT_FAICP		
			C63988	1516.5	1516.8	0.3	0.014	AGAT_FAICP		
			C63989	1516.8	1517.8	1	0.023	AGAT_FAICP		
			C63990	1517.8	1518.8	1	0.041	AGAT_FAICP		
			C63991	1518.8	1519.65	0.85	0.038	AGAT_FAICP		
			C63993	1519.65	1520.65	1	0.005	AGAT_FAICP		
			C63994	1520.65	1521	0.35	0.004	AGAT_FAICP		
			C63995	1521	1521.5	0.5	0.077	AGAT_FAICP		
			C63996	1521.5	1522.08	0.58	0.159	AGAT_FAICP		
1522.08	**1522.84**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Small AMP-FW level within FGS-Amp sequence; dark green (Amp) with medium green (Cpx?) bands and masses // S1; salty texture (vfg-fg white Fp porphyroblasts); thin Ser-altered halo around Qz-Cb veinlet; rare QzFp veinlet.	C63997	1522.08	1522.84	0.76	0.023	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1522.84	**1528.94**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** Continuity of FGS-Amp FW with 5% PEG-QG veins throughout and more Amp than FGS-FW levels uphole. FGS is medium grey and greenish (10% diss. Amp and Amp-rich bands // S1; some cg Amp with depletion light grey/white haloes); fg and mg (mg Qz+/- Fp? locally stretched // L1); moderately to weakly foliated. PEG-QG are up to 20cm thick; // S1; locally boudinaged; light grey Qz+white Fp+/-Bt; i.e. at 1523.75m; 1528.03m.	C63999	1522.84	1523.6	0.76	0.003	AGAT_FAICP		
			C64000	1523.6	1524	0.4	0.012	AGAT_FAICP		
			C64051	1524	1524.45	0.45	0.01	AGAT_FAICP		
			C64053	1524.45	1525.07	0.62	0.003	AGAT_FAICP		
			C64054	1525.07	1525.84	0.77	0.001	AGAT_FAICP		
			C64055	1525.84	1526.14	0.3	0.002	AGAT_FAICP		
			C64056	1526.14	1527.1	0.96	0.003	AGAT_FAICP		
			C64057	1527.1	1528	0.9	0.004	AGAT_FAICP		
			C64059	1528	1528.3	0.3	0.006	AGAT_FAICP		
			C64060	1528.3	1528.94	0.64	0.003	AGAT_FAICP		
1528.94	**1529.30**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** PEG-GR is slightly boudinaged iwthin FGS-Amp; light grey; cg-vcg; massive; Qz+Fp+tr.Po.	C64061	1528.94	1529.3	0.36	0.004	AGAT_FAICP		
1529.30	**1530.29**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS-Amp FW sequence.	C64062	1529.3	1530.29	0.99	0.003	AGAT_FAICP		
1530.29	**1530.92**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** PEG-QG is boudinaged; massive; cg-vcg; smokey Qz; light grey Qz+Fp; green Amp; Bt; converging contacts.	C64063	1530.29	1530.92	0.63	0.002	AGAT_FAICP		
1530.92	**1533.00**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** Continuity of FGS-Amp FW with 23cm wide PEG-QG vein at 1531.21m. FGS is medium grey and greenish (10% diss. Amp and Amp-rich bands // S1; finer grained in upper part then fg-mg from 1531.5m. Some cg Amp with depletion light grey/white haloes); fg and mg (mg Qz+/- Fp? locally stretched // L1); moderately to weakly foliated. EOH=1533m.	C64064	1530.92	1531.5	0.58	0.007	AGAT_FAICP		
			C64065	1531.5	1532.5	1	0.002	AGAT_FAICP		
			C64067	1532.5	1533	0.5	0.002	AGAT_FAICP		EOH. Next sample (C64068) start uphole above alteration zone.

Newmont

Geological Description with Assays

Hole ID : **BL19-01089**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	157.061	Easting :	334237.5	Logged By :	Brad.Clarke
Dip :	-80.899	Northing :	5303848.46	Logged By 2 :	Mike.Schweinberger
Length :	612	Elevation :	440.776	Log Start :	21-Jul-2019
Drill Start :	3-Jul-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	18-Aug-2019
Drill Completed :	13-Jul-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Gyro shot at 15 and 30m; call geo after each. Every 25m thereafter. Continuous gyro from end of hole; 5m interval. Hexagonal stabilization. Full orientation. Use cuttings containment; lined sump. Leave casing in hole. Use flower cap marked with hole ID. Unexpected deviation led to install on July 11 2019 of wedge and plug at 612m to hit target. Steel wedge (2deg) with roll of 315deg. Difficulty to drill further than 613m b/c bull nose penetrating the wedge steel (hard rocks) and not properly worn (lip) led to rim the wedge with a step bit. Decided to wedge in softer ground (amphibolite); bottom of wedge set at 522m immediately above plug. Hole remains open between 612m and 522m; not grouted. BL19-01089W begins at 520.35m. Geology closely resembles the same hanging wall units intersected in adjacent holes; Mainly FGS FGC and intermediate AMP. PEGs and LAMPs unevenly distributed throughout. Few areas which might be assoiated with faults.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**38.85**	**(OB) Overburden, ( )**								
38.85	**63.49**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**								
fine to med grey pinkish fsp porphyroclastic weakly to mod fol FGS; frequ Lamp betw 50.60-51.15 (here grey cm to dm thick) and from 53.74 to end of interval (here mm- to cm-thick mostly fracture filling with fractures better developed btw 57.46 and 59.42 (Will thinks that these lighter green ones are all actually epidote alteration)); weak fine to med bio and variable but mostly weak fine to med am; pinkish colour mostly due to thin Ksp alt haloes along qtz-carb hairline stringers and QV2 veinlets; dm-thick sections that have mm-to sub-mm sized vugs often coated by epidote; weak dissem fine anh py									
63.49	**88.75**	**(FGC, UMD) Felsic Gneiss Conglomerate, UM\LAMP Dike, ( )**								
polymict well banded Conglo; fine to med; mod fol; weak fine to med bio; weak to mod strong am often in mm- cm thick bands; frequ mm- to cm-thick light green lamp that mostly fill fract (Will thinks that these lighter green ones are all actually epidote alteration); fractures										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		and lamps better developed from 75.71-86.5; weak fine dissem anh py; pink colour due to freq thin Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; upper contact sharp								
88.75	**95.82**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to coarse pink-grey weakly fol FGS with flattened white clasts of up to 1cm (Crystal Tuff); rel am rich with up to 25% fine to med am; weak fine to med bio; frequ mm- to cm-thick lamp dykes (or epid altered according Will); very weak very fine disse anh py; upper contact is sharp								
95.82	**100.30**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		polymict weakly banded grey-pink Conglo; fine to med; mod fol; weak fine to med bio; weak to mod strong am often in mm- cm thick bands; frequ mm- to cm-thick light green lamp that mostly fill fract (Will thinks that these lighter green ones are all actually epidote alteration); pink colour due to freq thin Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; fractures and Ksp alt better developed below 97.32; weak fine dissem anh py; upper contact grad								
100.30	**142.13**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		pink-grey weakly to mod fol fine to med FGS weakly to mod 'porphyritic' with some more "dio" looking sections at 108.24-108.55 111.15-112.97 114.46-115.57; weak to mod fine to med am; weak fine to med bio; KSp altered mostly as haloes along fracs and qtz-carb hairline stringers with very strong alteration below 126.15; many fracs are filled by lamp dyke (mm- to cm-thick; or according to Will by epidote) down to 123.15								
142.13	**143.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		fine mas dark grey Lamp; freq rounded to semi-angular carb patches up to 2.5cm in size; freq carb stringers up to 1 cm thick; upper contact is sharp								
143.80	**161.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		pink-grey weakly to mod fol fine to med FGS sections with only minor sections that are weakly 'porphyritic'; weak to mod fine to med am; weak fine to med bio; KSp altered mostly as haloes along fracs and qtz-carb hairline stringers with very strong alteration to 147.26; upper contact is sharp; very weak very fine dissem anh py; flt-fracs to 159; these frequ filled with mm-thick carb stringers								
161.05	**173.92**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		polymict banded grey-pink Conglo; fine to med; mod fol; weak fine to med bio; weak to mod mod am often in mm- cm thick bands; pink colour due to some thin Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; weak fine dissem anh py; upper contact grad								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

173.92 184.72 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med pinkish-grey weakly to mod fol fsp porphyritic FGS; weak to mod fol; weak fine to med bio; weak fine to med am; pinkish colour due to Ksp haloes along qtz-carb hariline stringers; upper contact grad; weak fine dissem py

184.72 188.43 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

dark gray mas fine Lamp with frequ seminang carb patche up to 1cm in size and frequ carb stringers up to 0.8cm thickness; upper contact is sharp

188.43 197.71 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med pinkish-grey fsp porphyritic FGS; weak to mod fol; weak fine to med bio; weak fine to med am; pinkish colour due to Ksp haloes along qtz-carb hariline stringers which are stronger developed below 196.75; upper contact sharp; weak fine dissem anh py

197.71 205.18 (FGC) Felsic Gneiss Conglomerate, ( )

polymict banded grey-pink Conglo; fine to med; mod fol; weak fine to med bio; weak to mod mod am often in mm- cm thick bands; pink colour due to mod alt of thin Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; weak fine dissem anh py; upper contact grad

205.18 206.90 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med pinkish-grey fsp porphyritic FGS; weak to mod fol; weak fine to med bio; weak fine to med am; pinkish colour due to Ksp haloes along qtz-carb hariline stringers alt; upper contact sharp; weak fine dissem anh py

206.90 215.11 (FGC) Felsic Gneiss Conglomerate, ( )

polymict banded grey-pink Conglo; fine to med; mod fol; weak fine to med bio; weak to mod mod am often in mm- cm thick bands; pink colour due to mod alt of thin Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; weak fine dissem anh py; upper contact grad

215.11 219.40 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med pinkish-grey fsp porphyritic FGS; weak to mod fol; weak fine to med bio; weak fine to med am; pinkish colour due to Ksp haloes along qtz-carb hariline stringers alt; upper contact grad; very weak fine dissem anh py

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
219.40	**221.66**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** mas dark grey fine Lamp with freq carb patches seminang up to 4mm in size and some carb stringers up to 4 mm thick; upper contact is sharp								
221.66	**240.83**	**(FGC) Felsic Gneiss Conglomerate, ( )** polymict banded grey-pink Conglo; fine to med; mod fol; weak fine to med bio; weak to mod mod am often in mm- cm thick bands; pink colour due to mod alt of thin weak Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; weak fine dissem anh py; upper contact sharp; thin 4.5-5cm thick lamp at 236.75-236.86; some cpx lenses up to 6cm thick usually boudinaged								
240.83	**241.69**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med pinkish-grey fsp porphyritic FGS; mod fol; weak fine to med bio; weak fine to med am; pinkish colour due to Ksp haloes along qtz-carb hariline stringers alt; upper contact grad; very weak fine dissem anh py								
241.69	**257.67**	**(FGC) Felsic Gneiss Conglomerate, ( )** polymict banded grey-pink Conglo; fine to med; mod fol; weak fine to med bio; weak to mod mod am often in mm- cm thick bands; pink colour due to mod alt of thin weak Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; weak fine dissem anh py; upper contact sharp; thin 4.5-5cm thick lamp at 236.75-236.86; some cpx lenses up to 6cm thick usually boudinaged								
257.67	**259.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** dark green AMPIN; mod fine to med am; very wealy por with a weak streching lin; very weak fine to med bio; weakly to mod fol; very weak very fine dissem anh py								
259.00	**260.70**	**(QFP) Quartz Feldspar Porphyry, ( )** weakly dev QFP; fsp por; fsp is med to coarse; fine to med mod am and weak bio in matrix; no sulphides; upper contact sharp but weakly dev; weakly to mod fol								
260.70	**274.93**	**(FGC) Felsic Gneiss Conglomerate, ( )** polymict banded grey-pink Conglo with sections that are only weakly conglomeratic with very few clasts; fine to med; mod fol; weak fine to med bio; weak to mod mod am often in mm- cm thick bands; pink colour due to mod alt of thin weak Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; weak fine dissem anh py; upper contact grad; some cpx lenses up to 8cm thick usually boudinaged								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

274.93 279.62 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

dark green AMPIN; mod fine to med am; very wealy por with a weak streching lin; very weak fine to med bio; weakly to mod fol; very weak very fine dissem anh py

279.62 294.36 (FGC) Felsic Gneiss Conglomerate, ( )

polymict banded grey-pink Conglo rel rich in am; fine to med; mod fol; weak fine to med bio; mod mod am often in mm- cm thick bands; slight pink coloured sections due to mod alt of thin weak Ksp haloes along qtz-carb hairline stringers and QV2 veinlets; weak fine dissem anh py; upper contact sharp

294.36 296.35 (QFP, AMP) Quartz Feldspar Porphyry, Amphibolite, ( )

mixed unite: mainly QFP and AMPIN alternating dm-thick sections with one FGC unit at 294.65-295.15; QFP as described below; AMPIN and FGC as described above; upper contact grad

296.35 298.77 (QFP) Quartz Feldspar Porphyry, ( )

fine to coares mod fol pink-grey fsp por QFP; coarse fsp por; weak fine to med bio and am; weak fine dissem py; ksp alt primarily along envelopes at qtz-carb hairline stringers; upper contact sharp

298.77 300.77 (AMP) Amphibolite, ( )

fine to med weakly to mod fol green AMP; strong fine to med am; weak fine to med bio; upper contact sharp but wavy (average surface massured here); weak fine dissem anh py

300.77 309.47 (QFP) Quartz Feldspar Porphyry, ( )

fine to coares mod fol pink-grey fsp por QFP; coarse fsp por; weak fine to med bio and am; weak fine dissem py; ksp alt primarily along envelopes at qtz-carb hairline stringers; upper contact sharp along carb filled flt-fracture

309.47 310.43 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine massive light green Lamp with freq semi-ang carb patches up to 8mm in size; upper contact sharp

310.43 312.10 (QFP) Quartz Feldspar Porphyry, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		fine to coares mod fol pink-grey fsp por QFP; coarse fsp por; weak fine to med bio and am; weak fine dissem py; ksp alt primarily along envelopes at qtz-carb hairline stringers; upper contact sharp along carb filled flt-fracture								
312.10	**313.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Fine to coarse grained compositionally banded xenolith rich green LAMP. Xenoliths unevenly distributed within the unit as coarser xenoliths observed in the middle and finer along contacts. Contacts are lighter green along contacts. Non magnetic. No sulfides. Several small carb veinlets parallel to lower contact observed. Sharp high angle upper contact. Sharp low angle lower contact.								
313.25	**322.10**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Fine to coarse grained moderately foliated porphyritic pinkish grey QFP. Coarse 2-6mm subhedral plag porphs pervasively within a plag qtz bio amp matrix. Trace fine diss Py. Numerous white veinlets with moderate pink alteration halos. One large fractured QV with pink and red fledspars along contacts. Few smaller irregular shaped white barren QVs. Blocky and fractures between 316.4 and 317m.								
322.10	**334.84**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture varies between a biotite rich FGS with local small clasts/banding and a clast rich FGC with several different clast types. Plag bio qtz amp fine grained matrix. polymictic. Trace fine diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1. Few pink and grey QF veins.								
334.84	**335.78**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Fine to coarse grained moderately foliated porphyritic white grey QFP. Coarse 2-6mm subhedral plag porphs pervasively within a plag qtz bio amp matrix. Trace fine diss Py. Short diffuse upper and lower contacts. One small white QV.								
335.78	**339.93**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture varies between a biotite rich FGS with local small clasts/banding and a clast rich FGC with several different clast types. Plag bio qtz amp fine grained matrix. polymictic. Trace fine diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1. Short diffuse upper and lower contacts.								
339.93	**340.50**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Fine to coarse grained moderately foliated porphyritic biotite rich grey QFP. Coarse 2-4mm subhedral plag porphs pervasively within a plag qtz bio matrix. Trace fine diss Py. Short								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

diffuse upper and lower contacts. Plag porphs are less developed than adjacent QFP units.

340.50 349.15 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture varies between a biotite rich FGS with local small clasts/banding and a clast rich FGC with several different clast types. Plag bio qtz amp fine grained matrix. polymictic. Trace fine diss Py. Local fracturing along S1 foliation.

349.15 354.05 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic white and grey QFP. Coarse 2-6mm subhedral plag porphs pervasively within a plag qtz bio amp matrix. Trace fine diss Py. Short diffuse upper and lower contacts. One large extentional white QV with pink contacts subparallel to core axis. Few small QF veins.

354.05 377.26 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture varies between a biotite rich FGS with local small clasts/banding and a clast rich FGC with several different clast types. Plag bio qtz amp fine grained matrix. polymictic. Trace fine diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1 with weak pink alteration halos. Few pink and grey QF veins.

377.26 381.64 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained banded green LAMP dyke with very coarse rounded xenoliths. Size of xenoliths decreases closer to contact. Fine grained matrix. No sulfides. Non magnetic. Several Carb veins parallel to contacts.

381.64 382.23 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic pink and grey QFP. Coarse 2-4mm subhedral pink plag porphs pervasively within a plag qtz bio amp matrix. Trace fine diss Py. Sharp upper and lower contacts.

382.23 384.00 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture varies between a biotite rich FGS with local small clasts/banding and a clast rich FGC with several different clast types. Plag bio qtz amp fine grained matrix. polymictic. Trace fine diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1. Sharp upper and lower contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

384.00 385.16 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained banded green LAMP dyke with very coarse rounded xenoliths. Size of xenoliths decreases closer to contact. Fine grained matrix. No sulfides. Non magnetic. Several Carb veins parallel to contacts. Sharp contacts.

385.16 395.70 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture varies between a biotite rich FGS with local small clasts/banding and a clast rich FGC with several different clast types. Plag bio qtz amp fine grained matrix. polymictic. Trace fine diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1. Locally intensely altered. Sharp upper and lower UMD contacts.

395.70 396.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained banded green LAMP dyke with very coarse rounded xenoliths. Fine grained matrix. No sulfides. Non magnetic. Several Carb veins parallel to contacts. Sharp irregular.

396.00 398.80 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Fine diss trace Py. Short diffuse contacts. Minor diss bio in a plag qtz bio matrix.

398.80 400.10 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture is strong and obvious as polymictic clasts are coarse pebbles to cobbles. Clasts are flattened and stretched. Plag bio qtz amp fine grained matrix. Trace fine diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1. Short gradual upper and lower contacts.

400.10 403.07 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic white and grey QFP. Coarse 2-6mm subhedral white plag porphs pervasively within a plag qtz bio amp matrix. Trace fine diss Py. Short gradual upper and lower contacts. Few small white qtz carb veinlets with pink and white weak alteration halos.

403.07 404.08 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture is strong and obvious as polymictic clasts are coarse pebbles to cobbles. Clasts are flattened and stretched. Plag bio qtz amp fine grained matrix. Trace fine

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1. Short gradual upper and lower contacts.

404.08 409.17 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic white and grey QFP. Coarse 2-6mm subhedral white plag porphs pervasively within a plag qtz bio amp matrix. Trace fine diss Py. Short gradual upper and lower contacts. Few very small very fine white veinlets with very week alteration halos. One small PEG vein and a small LAMP dyke within the unit.

409.17 441.39 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately to strongly foliated grey and dark grey FGC. Conglomerate texture is strong and obvious as polymictic clasts are coarse pebbles to cobbles. Clasts are flattened and stretched. Plag bio qtz amp fine grained matrix. Trace fine diss Py. Local fracturing along S1 foliation. Several carb and qtz carb vein and veinlets crosscutting and parallel to S1. Short gradual upper and lower contacts. Several small white barren QVs.

441.39 446.98 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium to coarse-grained watery grey grain-coarsened FGS defined by thumbprint blebs of congregated quartz remelt and interstitial biotite; occasional massive grey late quartz veinlets with potassic alteration margins and intermittent hairs-breadth quartz-carbonate stringers with potassic and sericitic alteration envelopes

446.98 450.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

coarse-grained grey and green foliated amphibolite with sections of varying amphibole abundance and occasional clumps of amphibole or elongated porphyroclasts; fine patches of diffuse disseminated potassic alteration

450.00 488.26 (FGS) Felsic Gneiss Sedimentary, ( )

medium to coarse-grained quartzofeldspathic groundmass with interstitial disseminated biotite and patches of intense pervasive potassic alteration; sets of hairline quartz-carbonate veinlets with crosscutting potassic and sericitic envelopes; one bright pink granitic pegmatite and intermittent white to light grey massive quartz veins throughout; intense potassic alteration patches are from 453.6 to 453.8 m; from 457.7 to 458.9 m; 461.2 to 461.35 m depths

488.26 489.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated porphyritic biotite rich FGS. Feldspar bio and qtz

martix. Small 2-3mm anhedral white plag porphs throughout. No sulfides. Locally vuggy. Sharp immediate contacts subparallel to S1. Non magnetic. Minor Amp locally.

489.90 501.30 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained strongly strained moderately foliated FGC. Strong well developed polymictic conglomerate. Mafic and felsic clasts in a biotite rich felsic matric. Two small white barren QVs. Sharp upper and lower contacts. Short sections that lack clasts observed locally. Matrix weakly porphyritic. Trace dis anhedral Py.

501.30 504.65 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated weakly porphyritic FGS. Minor bio content throughout. Trace diss anhedral Py. Trace Amp. Sharp upper and lower contacts. Non magnetic. Few small white veinlets.

504.65 505.04 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained weakly to moderately foliated intermediate AMP. Mainly Amp and plag. Minor bio. Equigranular. Trace diss anhedral Py. Sharp upper and lower contacts. Non magnetic.

505.04 511.60 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated porphyritic FGS. Minor bio content throughout. Trace diss anhedral Py. Sharp upper and lower contacts. Non magnetic. Few small white veinlets. Trace K alteration halos observed locally.

511.60 514.00 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained strongly strained moderately foliated FGC. Strong well developed polymictic conglomerate. Mafic and felsic clasts in a biotite rich felsic matric. Sharp upper contact. Gradual lower contact. Trace dis anhedral Py.

514.00 514.79 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated weakly porphyritic biotite rich FGS. Feldspar bio and qtz martix. Small 2-3mm anhedral white plag porphs throughout. Sharp upper and lower contacts. Non magnetic. Minor Amp. Trace fine diss Py.

514.79 517.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained moderately foliated intermediate AMP. Mainly Amp and plag. Minor bio. Equigranular. Trace diss anhedral Py. Sharp upper contact. Brecciated lower contact. Non magnetic. Few small white veinlets with no alteration halos.								
517.00	**527.30**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse grained weakly to moderately foliated porphyritic FGS. Minor bio content throughout. Trace diss anhedral Py. Brecciated upper contact. Sharp lower contacts. Non magnetic. Few small white veinlets. Trace K alteration halos observed locally. One small white barren QV. Several 5-15cm sections of intermediate Amp as described in the unit above. Small section containing coarse soft white micas qtz and up to 25% coarse cubic py locally.								
527.30	**528.49**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Fine to coarse grained moderately foliated porphyritic white and grey QFP. Coarse 2-6mm subhedral white plag porphs pervasively within a plag qtz bio amp matrix. Trace fine diss Py. Sharp upper and lower contacts.								
528.49	**530.82**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Fine to medium grained strongly strained moderately foliated FGC. Strong well developed polymictic conglomerate. Mafic and felsic clasts in a biotite rich felsic matric. Sharp upper contact and short diffuse lower contact. Trace dis anhedral Py. Small green low angle LAMP dyke within the unit contains xenoliths of FGC within vein.								
530.82	**559.49**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained weakly moderately foliated light grey FGS. Feldspar qtz and bio martix. Equigranular. Sharp lower contact. Short diffuse upper contact. Non magnetic. Trace fine diss Py. Local deformed and boundinaged PEG/melt patches. Trace Amp locally. Several white veinlets with weak to moderate K alteration halos.								
559.49	**559.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained moderately foliated intermediate AMP. Mainly Amp and plag. Minor bio. Equigranular. Trace diss anhedral Py. Sharp upper and lower contacts. Non magnetic.								
559.80	**575.60**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained weakly moderately foliated light grey FGS. Feldspar qtz and bio martix. Equigranular. Sharp upper and lower contacts. Non magnetic. Trace fine diss Py. Several deformed and boundinaged PEG/melt patches. Several white veinlets with weak to moderate K alteration halos.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

575.60 575.95 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained xenolith rich banded green non magnetic LAMP dyke. No sulfides. Banding observed as xenolith abundance varies within the dyke. Sharp upper and lower contacts.

575.95 601.44 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly moderately foliated light grey FGS. Feldspar qtz and bio martix. Equigranular. Sharp upper and lower contacts. Non magnetic. Trace fine diss Py. Several deformed and boundinaged PEG/melt patches. Several white veinlets with weak to moderate K alteration halos.

601.44 604.85 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained weakly to moderately foliated compositionally banded intermediate AMP. Locally Amp content increases becoming more mafic. Two short pink granitic PEG veins within. Fractured lower contacts with LAMP. Trace to rare sulfides. Sharp upper contact. Non magnetic. Variable foliation intensity.

604.85 605.25 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained xenolith rich banded green non magnetic LAMP dyke. No sulfides. Banding observed as xenolith abundance varies within the dyke. Sharp low angle lower contact. Fractured upper contact.

605.25 606.75 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink and white granitic PEG vein between two LAMP units.

606.75 607.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained xenolith rich banded green non magnetic LAMP dyke. No sulfides. Banding observed as xenolith abundance varies within the dyke. Sharp low angle upper and lower contacts.

607.00 612.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly moderately foliated light grey FGS. Feldspar qtz and bio martix. Equigranular. Sharp upper contact. Non magnetic. Trace fine diss Py. Intense K alteration along upper contact. Several white veinlets with weak to moderate K alteration halos. EOH = 612m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Newmont

Geological Description with Assays

Hole ID : **BL19-01089W**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	157.061	Easting :	334237.5	Logged By :	Brad.Clarke
Dip :	-80.899	Northing :	5303848.46	Logged By 2 :	Colt.Meyer
Length :	1572	Elevation :	440.776	Log Start :	17-Jul-2019
Drill Start :	14-Jul-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	15-Aug-2019
Drill Completed :	15-Aug-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Logged from top to 1025m by Brad C.; from 1025 to 1471m by Colt M.; from 1471 to 1536m by Tyler C.; from 1536 to EOH by William G.. Unexpected deviation in parent hole led to install on July 11 2019 of wedge and plug at 612m to hit target. Steel wedge (2deg) with roll of 315deg. Difficulty to drill further than 613m b/c bull nose penetrating the wedge steel (hard rocks) and not properly worn (lip) led to rim the wedge with a step bit. Decided to wedge in softer ground (amphibolite); bottom of wedge set at 522m immediately above plug. Hole remains open between 612m and 522m; not grouted. BL19-01089W begins at 520.35m. Received first box of core from wedged hole on 14 July 2019. Typical hanging wall units dominate the upper portion of the wedge hole with an intensely broken and fractured core from 832 to 844m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
520.23	**523.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse weakly to moderately foliated porphyritic FGS. Coarse 2-3mm subrounded qtz and feldspar porphs are observed throughout. Significant Amp content observed within the medium grained qtz fld bt matrix. Sharp immediate lower contact slighlty oblque to foliation. Few small 4-10cm wide intermediate AMP units within the porphyrtic FGS unit. Many small white qtz carb veinlets with small red weak K alteration halos. Trace fine diss anhedral Py throughout.								
523.80	**523.97**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Small fine to medium grained weakly to moderately foliated intermediate AMP unit. Sharp immediate upper and lower contacts slightly oblique to foliation. Minor bio and trace fine diss Py.								
523.97	**525.02**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse weakly to moderately foliated porphyritic FGS. Coarse 2-3mm								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		subrounded qtz and feldspar porphs are observed throughout. Significant Amp content observed within the medium grained qtz fld bt matrix. Sharp immediate upper and lower contacts slighlty oblque to foliation. Many small white qtz carb veinlets with small red weak K alteration halos. Trace fine diss anhedral Py throughout.								
525.02	**525.24**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Small fine to medium grained weakly to moderately foliated intermediate AMP unit. Sharp immediate upper and lower contacts slightly oblique to foliation. Minor bio and trace fine diss Py.								
525.24	**526.18**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse weakly to moderately foliated porphyritic FGS. Coarse 2-3mm subrounded qtz and feldspar porphs are observed throughout. Significant Amp content observed within the medium grained qtz fld bt matrix. Sharp immediate lower contact slighlty oblque to foliation. Many small white qtz carb veinlets with small red weak K alteration halos. Few small white and clear veins observed along lower contacts. Trace fine diss anhedral Py throughout.								
526.18	**526.64**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Small fine to medium grained weakly to moderately foliated intermediate AMP unit. Sharp immediate upper and lower contacts slightly oblique to foliation. Minor bio and trace fine diss Py.								
526.64	**527.35**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse weakly to moderately foliated porphyritic FGS. Coarse 2-3mm subrounded qtz and feldspar porphs are observed throughout. Significant Amp content observed within the medium grained qtz fld bt matrix. Sharp immediate upper and lower contacts slighlty oblque to foliation. One small 4-10cm wide intermediate AMP unit within the porphyrtic FGS unit. Many small white qtz carb veinlets with small red weak K alteration halos. Trace fine diss anhedral Py throughout. Small qtz carb veins along upper contact.								
527.35	**528.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Low angle fine grained greenish grey non magnetic LAMP dyke. Abundant xenoliths throughout. Banding observed as xenoliths abundance and size varies within the dyke. Weak pink alteration halo along sharp immediate upper and lower low angle contacts. Large coarse subrounded to anglular xenoliths observed within the center. No sulfides.								
528.70	**529.26**	**(QFP) Quartz Feldspar Porphyry, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium to coarse grained weakly foliated strongly porphyritic QFP. Large coarse grained white sub rounded plag porphyries within a fine to medium grained qtz felds bio amp matrix. Sharp immediate upper contact with a weak pink alteration halo. Sharp diffuse lower contact with conglomeratic unit. Differs from upper porphyritic FGS in that qtz porphs are no longer present and plag porphs are much larger and more abundant. Minor fine diss anhedral Py throughout.								
529.26	**531.67**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Fine to medium grained weakly to moderately foliated conglomeratic FGC. Clasts are small and more diffuse than usual. Possibly a wacke more so than the typical FGC with cobble sized stretched clasts. Biotite and amp rich. Sharp upper and lower contact. Non magnetic. Trace very fine diss anhedral Py.								
531.67	**532.25**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Coarse grained weakly foliated pink and white PEG vein. Sharp upper and lower contacts. Minor banded biotite within the coarse qtz and feldspar matrix. No sulfides. Non magnetic. Grain size varies slightly within the vein.								
532.25	**533.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine grained weakly to moderately foliated grey FGS. Weak porphyritic texture observed locally. Biotite content varies slightly. Sharp upper and lower contacts. Low angle lower contact with LAMP dyke has a weak pink alteration halo. Trace fine diss anhedral Py.								
533.00	**534.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Low angle fine grained greenish grey non magnetic LAMP dyke. Abundant xenoliths throughout. Banding observed as xenoliths abundance and size varies within the dyke. Weak pink alteration halo along sharp immediate upper and lower low angle contacts. Large coarse subrounded to anglular xenoliths observed within the center. No sulfides.								
534.00	**535.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine grained weakly to moderately foliated grey FGS. Weak porphyritic texture observed locally. Biotite content varies slightly. Sharp upper and lower contacts with LAMP dyke has a weak pink alteration halo. Trace fine diss anhedral Py.								
535.00	**536.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Low angle fine grained greenish grey non magnetic LAMP dyke. Abundant xenoliths throughout. Banding observed as xenoliths abundance and size varies within the dyke. Weak pink alteration halo along sharp immediate upper and lower low angle contacts. Large coarse subrounded to anglular xenoliths observed within the center. No sulfides.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

536.00 560.18 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Weak porphyritic texture and banding observed locally. Biotite content varies slightly. Sharp upper and lower contacts. Low angle upper contact with LAMP dyke has a weak pink alteration halo. Trace fine diss anhedral Py. Section of pink and red FGS intensely altered from 536.7 to 539.25m. Weakly magnetic locally.

560.18 560.62 (AMP) Amphibolite, ( )

Fine grained weakly to moderately foliated intermediate AMP unit. Contacts are sharp and immediate and slightly oblqiue to foliation. Trace fine diss anhedral Py. One small QF vein within the unit. Qtz carb vein is observed within the upper portion with a weak alteration halo. Minor Bio. Weakly magnetic locally.

560.62 561.25 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated pinkish grey FGS. Intense alteration from lower LAMP dyke makes distinguishing primary minerals within the unit. Minor Bio observed in qtz feldspar matrix. No sulfdies and non magnetic. Several small carb veinlets likely related to lower low angle LAMP dyke.

561.25 561.50 (UMD) UM\LAMP Dike, ( )

Low angle fine grained greenish grey non magnetic LAMP dyke. Abundant xenoliths throughout. Banding observed as xenoliths abundance and size varies within the dyke. strong pink alteration halo along sharp immediate upper and lower low angle contacts. Coarse subrounded to anglular xenoliths observed within the center. No sulfides.

561.50 562.20 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated pinkish grey FGS. Intense alteration from upper LAMP dyke makes distinguishing primary minerals within the unit. Minor Bio observed in qtz feldspar matrix. No sulfdies and non magnetic. Several small carb veinlets likely related to upper low angle LAMP dyke. Small QF vein along lower contact.

562.20 562.52 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained weakly to moderately foliated greyish green intermediate AMP. Short diffuse upper and lower contacts. Weakly altered unlike the intensely altered FGS units adjacent. Trace Py observed.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

562.52 563.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Low angle fine grained greenish grey non magnetic LAMP dyke. Abundant xenoliths throughout. Banding observed as xenoliths abundance and size varies within the dyke. strong pink alteration halo along sharp immediate upper and lower low angle contacts. Coarse subrounded to anglular xenoliths observed within the center. No sulfides.

563.50 568.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated weakly banded pinkish grey FGS. Weak compositional or gneissic banding observed throughout. Several well and poorly developed QF veins or melt patches observed. Many of the QF veins are boundinaged with undualting converging contacts. Many small white qtz carb veinlets with weak to moderate pink and red K alteration halos. Sharp immediate upper and lower contacts with LAMP dykes. Trace very fine diss anhedral Py.

568.90 569.20 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained banded green LAMP. No magnetic. No sulfides. Compositional banding observed as xenolith content increases within the middle of the dyke. Low angle upper contact. Irregular lower contact. Possibly brecciated. Minor alteration halo around the dyke.

569.20 569.86 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated weakly banded pinkish grey FGS. Weak compositional or gneissic banding observed throughout. Several well and poorly developed QF veins or melt patches observed. Many of the QF veins are boundinaged with undualting converging contacts. Many small white qtz carb veinlets with weak to moderate pink and red K alteration halos. Sharp immediate upper contact with LAMP dyke. Short diffuse lower contact with PEG unit. Trace very fine diss anhedral Py.

569.86 570.45 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse grained massive PEG vein with short diffuse upper and lower contacts. No sulfdies observed. Non magnetic. Minor amounts of coarse biotite.

570.45 574.96 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated grey FGS. Few small deformed and boudinaged QF veins parallel to foliation. Trace very fine diss anhedral Py. Weak to moderate magnetism locally. Minor biotite. Sharp lower contact with AMP. Short diffuse upper contact. Minor well developed gneissic banding.

574.96 575.29 (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)

Fine to coarse grained weakly to moderately foliated porphyritic greyish green AMP unit. Contacts are sharp and immediate with weakly developed slickenlines. No sulfides. Non magnetic. 2-3mm subrounded dark green hld porphs wiithin a greyish green fine to medium grained Amp Plag Bio matrix.

575.29 580.50 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated grey FGS. One folded or boudinaged QF vein patches observed. Trace very fine diss anhedral Py. Weak to moderate magnetism locally. Sharp upper contact with AMP. Sharp lower contact with PEG.vein. Minor biotite.

580.50 581.38 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse grained white and pink PEG vein with minor biotite no sulfides and non magnetic. Sharp upper and lower contacts.

581.38 602.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated grey FGS. Few folded or boudinaged QF veins. Trace very fine diss anhedral Py. Weak to moderate magnetism locally. Sharp upper contact with PEG Sharp upper and lower PEG.veins. Minor biotite. Variable amounts of white qtz carb veins within the unit with weak pink and red alteration halos.

602.00 602.56 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink and white PEG vein. Minor coarse biotite locally. No sulfides. Non magnetic. Sharp upper and lower contacts.

602.56 605.35 (AMP) Amphibolite, ( )

Fine to coarse grained moderately foliated green and grey compositionally banded AMP. Coarse biotites and Amp porphs locally. Amp speicies varies from hld to a more green Amp mineral. Many small white qtz carb veinlets with little to know alteration halos. Grain size also varies adding to the compositional banding observed. Short diffuse upper and lower contacts. No magnetic. No sulfides observed.

605.35 606.10 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink and grey coarse grained PEG vein. No sulfides. Minor fine to medium grained biotite. Non magnetic. Short diffuse upper and lower contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

606.10 612.09 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated grey FGS. One folded or boudinaged QF vein patches observed. Trace very fine diss anhedral Py. Weak to moderate magnetism locally. Diffuse gradual upper contact with PEG. Sharp lower contact with AMP. Minor biotite.and weak compositional banding as bio and amp increase slightly. Several small white qtz carb veinlets with moderate alteration halos.

612.09 613.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated weakly porphyritic green intermediate AMP. 1-2mm subhedral hld porphs are observed throughout Sharp immediate upper and lower contacts. Foliation slightly more pronounced than surrounding units.Folding observed within this unit as seen in the converging contacts and foliation measurements.No sulfides observed. Trace to nil biotite. Non magnetic.

613.00 613.15 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated grey FGS. No sulfides observed. Sharp upper contact with AMP. Short gradual lower contact with PEG.vein. Minor biotite. Weak K alteration around a small white qtz carb vein.

613.15 613.70 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink and grey coarse PEG vein with short gradual diffuse contacts. Contacts are converging in part of folding. Minor bio along contacts. No sulfides observed.

613.70 616.04 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderatly foliated grey FGS. One small AMP section observed. Trace very fine diss euhedral Py. Weak to moderate magnetism locally. Sharp lower contact with AMP. Short diffuse upper contact with PEG.vein. Minor biotite. Few small white veinlets with weak pink K alteration halos.

616.04 616.40 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained weakly to moderately foliated greenish grey intermediate AMP. Sharp immediate upper and lower contacts. Equigranular. Minor biotite. No sulfides observed. Non magnetic.

616.40 641.56 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Fine to medium grained weakly to moderatly foliated grey FGS. Few small deformed QF veins with diffuse contacts within the large section of FGS. Trace very fine diss aeuhedral Py. Weak to moderate magnetism locally. Sharp upper contact with AMP. Sharp lower contact with LAMP vein. Minor biotite. Many small white qtz carb veinlets with weak alteraiton halos throughout. One section of strongly K pink and red altered core from 623 to 624.2m containing one small LAMP dyke.

641.56 641.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained banded xenolith rich light green LAMP dyke. Non magnetic. No sulfides. Light green fine grained carbonate rich matrix with small fine biotites observed.

641.80 665.50 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Moderately magnetic locally. Several QF veins throughout. Many QF veins have sharp immediate contacts but few have diffuse gradual contacts. No sulfides within the QF veins. Fine trace diss Py throughout. Many small white qtz carb veinlets with weak to moderate pink and red K alteration halos.

665.50 665.94 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic white and grey QFP unit. Coarse subhedral plag porphs are observed in a felsic fine to medium grained biotite rich matrix. Trace fine diss py. Sharp upper and lower contacts.

665.94 670.42 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Moderately magnetic locally. Fine trace diss Py throughout. Few small white qtz carb veinlets with weak to moderate pink and red K alteration halos. Depletion halos observed in local bands around Amp crystals.

670.42 671.12 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Medium to coarse grained weakly foliated PEG vein. Minor biotite throughout defining folitation. No sulfides. Non magnetic. Short diffuse upper and lower contacts.

671.12 672.22 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content. Moderately magnetic locally. Fine trace diss Py throughout. Few small white qtz carb veinlets with weak to

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
moderate pink and red K alteration halos.Short diffuse upper contact. Sharp lower contact.										
672.22	**672.70**	**(DIO) Diorite, ( )** Fine to coarse grained moderately foliated porphyritic biotite rich diorite with coarse plag porphs within a qtz plag and bio matrix. Non magnetic. No sulfides observed. Sharp upper and lower contacts.								
672.70	**673.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Massive pink coarse grained PEG vein. Minor biotite. No sulfides. Non magnetic. Sharp upper contact. Short diffuse lower contact.								
673.30	**690.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Moderately magnetic locally. Several QF veins throughout. Many QF veins have sharp immediate contacts but few have diffuse gradual contacts. No sulfides within the QF veins. Fine trace diss Py throughout. Few small white qtz carb veinlets with weak to moderate pink and red K alteration halos. Short diffuse upper and lower contact.								
690.10	**693.00**	**(AMP) Amphibolite, ( )** Fine to medium grained weakly to moderately foliated dark green AMP. Weakly to strongly magnetic locally. Sharp upper and lower contacts. Fine diss anhedral trace Po and Py. Small aggregates of Po and Py within small QVs. Few small QVs and qtz carb veinlets with no alteration halo. Green hld makes up most of the matrix with minor plag.								
693.00	**698.63**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Moderately magnetic locally. Fine trace diss Py throughout. Few small white qtz carb veinlets with weak to moderate pink and red K alteration halos. Short gradual upper and lower Amp contacts.								
698.63	**699.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated banded intermediate AMP. Compositional banding is observed as plag increases slightly. Moderately magnetic locally. Sharp immediate upper and lower contacts subparallel to foliation. Minor fine diss euhedral Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
699.10	**700.38**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Moderately magnetic locally. Fine trace diss Py throughout. Few small white qtz carb veinlets with weak to moderate pink and red K alteration halos. One qtz carb vein with intense bleached halo at 698. Short gradual upper and lower Amp contacts.								
700.38	**700.76**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated banded intermediate AMP. Compositional banding is observed as plag increases slightly. Moderately magnetic locally. Sharp immediate upper and lower contacts subparallel to foliation. Minor fine diss euhedral Py. One small QF patch.								
700.76	**701.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Moderately magnetic locally. Fine trace diss Py throughout. Sharp upper and lower Amp contacts.								
701.50	**714.71**	**(AMP) Amphibolite, ( )** Large fine to medium grained moderately foliated dark green magnetic AMP. Rare compositional banding as plag content increases locally. Many qtz carb veinlets with bleached halos. Minor subhedral biotite. Minor fine diss anhedral Po and Py. Matrix is maiinly fine to medium subhedral hld. Sharp immediate upper and lower contacts.								
714.71	**716.94**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated banded and folded grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Moderately magnetic locally. Fine trace diss Py throughout. Sharp upper and lower Amp contacts. Qtz Fld veinlets or leucosomes are folded by F2 folding.								
716.94	**721.35**	**(AMP) Amphibolite, ( )** Fine grained weakly to moderately foliated dark green AMP. Many small white veinlets with bleached alteration halos throughout. Trace fine diss Po and Py. Few local patches have increased Py and Po. Upper contact and lower contat are slighlty more intermediate comparted to the middle of the unit. Possible mafic sill or subparallel dyke. Sharp immediate upper and lower contacts. Moderately magnetic.	C67001	720	721.35	1.35	0.009	AGAT_FAICP		
721.35	**722.53**	**(DIO) Diorite, ( )**	C67002	721.35	722.53	1.18	0.007	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 weakly to moderately foliated porphyritic DIO. Medium grained subhedral plag porphs 2-4mm in size are observed throughout. Qtz plag and bio make up the matrix. Trace fine diss Py. Sharp upper and lower contacts. Different in texture and composition from FGS in the same area. One tightly folded QV observed. Not oriented.								
722.53	**723.61**	**(AMP) Amphibolite, ( )**	C67003	722.53	723.61	1.08	0.024	AGAT_FAICP		
		Fine grained weakly to moderately foliated dark green intermediate AMP. Trace fine diss Po and Py. Few local patches have increased Py and Po. Upper contact and lower contat are slighlty more intermediate comparted to the middle of the unit. Possible mafic sill or subparallel dyke. Sharp immediate upper and lower contacts. Weakly magnetic.								
723.61	**726.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C67004	723.61	725	1.39	0.01	AGAT_FAICP		
		Fine to medium grained weakly to moderately foliated light grey FGS. Little biotite comparied to most FGS units. Minor fine diss anhedral Py. Compositionally homogennous. Sharp upper and lower contacts. One small Amp clast or inclusion observed. Non magnetic.	C67005	725	726.05	1.05	0.014	AGAT_FAICP		
726.05	**728.07**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C67007	726.05	727	0.95	0.02	AGAT_FAICP		
		Fine grained weakly to moderately foliated dark green intermediate AMP. Trace fine diss Po and Py. Few local patches have increased Py and Po. Sharp immediate upper contact. Short gradual diffuse lower contact with PEG. Moderately magnetic. Few irregularly folded qtz fld veins parallel to foliation.	C67008	727	728.07	1.07	0.021	AGAT_FAICP		
728.07	**730.95**	**(PEG) Pegmatite, ( )**	C67009	728.07	729	0.93	0.014	AGAT_FAICP		
		Very coarse grained compositionaly banded grey and white PEG vein. Minor qtz observed mainly very coarse biotite and feldspars. Po and lesser Py is observed throughout. Small and large aggregates of Po and Py are observed locally where coarse biotties aggregate. Few small bands are medium to coarse grained units with intermediate Amp composition and diffuse contacts. Lower contact is sharp and upper contact is gradual and diffuse.	C67010	729	730	1	0.016	AGAT_FAICP		
			C67011	730	730.95	0.95	0.009	AGAT_FAICP		
730.95	**732.28**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C67013	730.95	732.28	1.33	0.027	AGAT_FAICP		
		Fine grained weakly to moderately foliated dark green intermediate AMP. Trace fine diss Po and Py. Few local patches have increased Py and Po. Locally patches of CPX associated with Po and Py are observed. Sharp upper and lower contacts. Weakly magnetic. Minor irregular veining observed.								
732.28	**732.38**	**(DIO) Diorite, ( )**								
		Medium to coarse grained weakly to moderately foliated porphyritic DIO. Medium grained subhedral plag porphs 2-6mm in size are observed throughout. Qtz plag and bio make up								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		the matrix. Trace fine diss Py. Sharp upper and lower contacts Different in texture and composition from FGS in the same area.								
732.38	**732.81**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Qtz rich white PEG vein within a DIO unit containing a patch or inclusion of the DIO unit. No sulfides within the vein material. No magneitc. Sharp upper and lower contacts. Minor coarse biotite.	C67014	732.28	733.09	0.81	0.009	AGAT_FAICP		
732.81	**733.09**	**(DIO) Diorite, ( )** Medium to coarse grained weakly to moderately foliated porphyritic DIO. Medium grained subhedral plag porphs 2-6mm in size are observed throughout. Qtz plag and bio make up the matrix. Trace fine diss Py. Sharp upper and lower contacts Different in texture and composition from FGS in the same area.								
733.09	**734.21**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained weakly to moderately foliated dark green intermediate AMP. Trace fine diss Po and Py. Few local patches have increased Py and Po. Sharp immediate upper contact. Short gradual diffuse lower contact with PEG. Moderately magnetic. Few irregularly folded qtz fld veins parallel to foliation. Several small qtz carb veinlets with bleached alteration halo.	C67015	733.09	734.21	1.12	0.02	AGAT_FAICP		
734.21	**734.35**	**(DIO) Diorite, ( )** Medium to coarse grained moderately foliated porphyritic DIO. Medium grained subhedral plag porphs 2-4mm in size are observed throughout. Qtz plag and bio make up the matrix. Trace fine diss Py. Sharp upper contact and short gradual lower contact. Different in texture and composition from FGS in the same area.								
734.35	**736.94**	**(PEG) Pegmatite, ( )** Very coarse grained compositionaly banded grey and white PEG vein. Minor qtz observed mainly very coarse biotite and feldspars. Po and lesser Py is observed throughout. Small and large aggregates of Po and Py are observed locally where coarse biotties aggregate. Few small bands are medium to coarse grained units with DIO composition and diffuse contacts. Lower and upper contact are gradual and diffuse.	C67016 C67017 C67019	734.21 735 736	735 736 737.28	0.79 1 1.28	0.02 0.046 0.019	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
736.94	**737.26**	**(DIO) Diorite, ( )** Medium to coarse grained moderately foliated porphyritic DIO. Medium grained subhedral plag porphs 2-4mm in size are observed throughout. Qtz plag and bio make up the matrix. Trace fine diss Py. Sharp upper contact and short gradual lower contact. Different in texture and composition from FGS in the same area.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
737.26	**738.78**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained weakly to moderately foliated dark green intermediate AMP. Trace fine diss Po and Py. Few local patches have increased Py and Po. Sharp immediate upper contact. Short gradual diffuse lower contact with PEG. Moderately magnetic. Few irregularly folded qtz fld veins parallel to foliation. Several small qtz carb veinlets with bleached alteration halo. Local patches of CPX. One small Qtz feld PEG vein.	C67020	737.28	738.78	1.5	0.045	AGAT_FAICP		
738.78	**745.56**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated weakly banded grey FGS. Minor euhedral biotite within a qtz plag rich matrix defines foliation. Minor Amp content locally. Weakly magnetic locally. Fine trace diss Py throughout. Short diffuse upper contact and sharp lower contact. Few qtz carb stringers with weak to moderate bleached alteration halis. Few QF and Qvs.								
745.56	**746.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated compositionally banded intermediate AMP. Minor diss bio. Two deformed boundinaged QVs. Trace fine diss Py. Sharp upper contact. Short diffuse banded lower contact. Variable amounts of plag within the matrix locally. Non magnetic. Equigranular.								
746.00	**748.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine biotite within a qtz plag rich matrix. Non magnetic. Very fine trace diss Py throughout. Short diffuse upper and sharp lower contact. Homogeneous and equigrainular.								
748.30	**748.48**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium to coarse grained weakly to moderatelyt foliated porphyritic QFP. Large coarse white subhedral plag porphs throughout. Matricxis fld qtz and bio. No sulfides observed. Sharp upper and lower contacts. Non magnetic. Porphs are weakly strained.								
748.48	**750.03**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained pink PEG with coarse euhedral biotite locally. Trace foliation defined by biotite crystals locally. No sulfides. Non magnetic. Sharp upper and lower contacts. Slight variable in qtz and feldspar content. Pink throughout.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

750.03 750.29 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly to moderatelyt foliated porphyritic QFP. Large coarse white subhedral plag porphs throughout. Matricxis fld qtz and bio. No sulfides observed. Sharp upper and lower contacts. Non magnetic. Porphs are weakly strained.

750.29 752.69 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated weakly banded grey FGS. Minor biotite within a qtz plag rich matrix. Minor Amp locally. Non magnetic. Very fine trace diss Py throughout. Sharp upper and short diffuse lower contact. Few small white qtz carb veinlets with small bleached alteration halos.

752.69 752.89 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated green intermedaite AMP. Short unit with variable amounts of Plag resulting in weak compositional banding. Short diffuse upper contact and sharp lower contact. Trace diss Py. Non magnetic.

752.89 753.63 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic light grey FGS. Minor fine biotite within a qtz plag rich matrix. Non magnetic. Very fine trace diss Py throughout. Short diffuse upper contact and sharp lower contact. Homogeneous and equigrainular. Very weak and poorly developed porphs locally. Band of subrounded Amp crystals with depletion halos observed at the top of the unit.

753.63 754.00 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly to moderately foliated porphyritic QFP. Large coarse white subhedral plag porphs throughout. Matricx is fld qtz and bio. No sulfides observed. Sharp upper and lower contacts. Non magnetic. Porphs are weakly strained.

754.00 755.21 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic light grey FGS. Minor fine biotite within a qtz plag rich matrix. Non magnetic. Very fine trace diss Py throughout. Sharp upper and lower contacts. Homogeneous and equigrainular. Very weak and poorly developed porphs locally.

755.21 755.53 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermedaite AMP. Short unit with

variable amounts of Plag resulting in weak compositional banding. Sharp upper and lower contact. No sulfides observed. Non magnetic.

755.53 769.58 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic light grey FGS. Minor fine biotite within a qtz plag rich matrix. Non magnetic. Very fine trace diss Py throughout. Homogeneous and equigrainular. Very weak and poorly developed porphs locally. Local banding has increased Amp and Py content. Many small white qtz carb veinlets with weakly bleached alteration halos. Few bands with subrounded Amp crystals with depletion halos observed locally. Sharp upper and lower contacts.

769.58 773.60 (AMP) Amphibolite, ( )

Fine to coarse grained moderately foliated porphyritic AMP. 2-4mm subhedral Amp porphs throughout the unit. Variable amount of minor Plag. Minor fine diss bio. Fractured portions and many small white qtz carb veinlets with moderately bleached alteration halos are observed throughout. Sharp upper and lower contact. Non magneitc. Minor fine diss anhedral Py throughout.

773.60 774.39 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor fine biotite within a qtz plag rich matrix. Non magnetic. Very fine trace diss Py throughout. Sharp upper and lower contacts. Homogeneous and equigrainular. Very weak and poorly developed porphs locally.

774.39 774.97 (AMP) Amphibolite, ( )

Fine to coarse grained moderately foliated porphyritic AMP. 2-4mm subhedral Amp porphs throughout lower section fo the unit. The first 15cm is a fine grained equigranular AMP.. Variable amount of minor Plag. Minor fine diss bio. Few small white qtz carb veinlets with moderately bleached alteration halos are observed throughout. Sharp upper and lower contact. Non magneitc. Minor fine diss anhedral Py throughout. Upper 30cm is intensely altered and bleached as a result of a few small qtz carb veins.

774.97 775.78 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Minor fine biotite within a qtz plag rich matrix. Non magnetic. Very fine trace diss Py throughout. Sharp upper contact short low angle diffuse lower contact. Very weak and poorly developed porphs locally.

775.78 785.93 (AMP) Amphibolite, ( )

Fine to coarse grained moderately foliated porphyritic AMP. 2-4mm subhedral Amp porphs. Variable amount of minor Plag. Minor fine diss bio. Fractured portions and many small white

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		qtz carb veinlets and veins with moderately bleached alteration halos are observed throughout. Non magneitc. Minor fine diss anhedral Py throughout. Sharp lower contact. Short diffuse low angle upper contact.								
785.93	**801.39**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Slight increased in biotite and Amp compared typical more felsic FGS. Compositional banding observed a result of bands of medium grained Amp cyrstals with depletion halos along with possible conglomeratic texture locally. Minor euhedral and subhedral fine diss Py. Lower 2 metres has sharp internal contacts and diffuse gradual contacts between biotite rich fine to medium grained FGS and medium grained FGS. Lower and upper contacts are sharp.								
801.39	**802.33**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and white massive granitic PEG vein. Sharp irregular contacts. No sulfides. Non magnetic. No biotite or Amp.								
802.33	**802.69**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Medium grained moderately foliated green intermediate AMP. Short diffuse irregular contacts with upper and lower PEG units. Foliation well defined by Amp and Bio. Moderate to weak Amp porphs within the Amp plag bio matrix. Minor fine diss anhedral Py.								
802.69	**803.31**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Massive small granitic PEG vein with minor bio locally and no sulfides. Diffuse and gradual upper contact. Sharp immediate lower contact.								
803.31	**803.81**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Medium grained moderately foliated green intermediate AMP. Short diffuse irregular lower contact and sharp upper contact. Foliation well defined by Amp and Bio. Moderate to weak Amp porphs within the Amp plag bio matrix. Minor fine diss anhedral Py. Several small white qtz carb veinlets with weak bleached alteration halos.								
803.81	**805.02**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** Irregular coarse pink and white PEG vein with patches of FGS within the unit. Fine diss trace Py within FGS patches. Sharp lower contact. Diffuse banded gradual upper contact. Minor biottie.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

805.02 806.54 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to coarse grained moderately to stongly foliated porphyritic greyish green intermediate AMP. Foliation well defined by Amp and Bio. Moderate to weak Amp porphs within the Amp plag bio matrix. Minor fine diss anhedral Py. Sharp upper contact. boundinaged and deformed sharp lower contact. Few small white veinlets with weak bleached alteration halos. Trace fine diss Py. One small PEG vein near the upper contact.

806.54 806.69 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Small coarse granitic PEG vein oblique to foliation. Sharp upper and lower contacts. Upper contact is boudinaged and deformed.

806.69 829.40 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey and ligh grey FGS. Slight increased in biotite and Amp locally. Mainly felsic qtz feldspar rich FGS. Compositional banding observed a result of ossible conglomeratic texture locally. Few short section are observed which are weakly porphyritic and contain minor bio and amp content. Trace very fine diss Py. Core is blocky and fractured locally. Severl small white qtz carb veinlets with weak diffuse pink K alteration halos. Several small QVs. Rare vugs observed. Weak trace pink K alteration pervasively.

829.40 829.62 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Small fine to coarse moderately foliated porphyritic greyish green intermediate AMP unit. Weak pervasive alteration. Trace fine diss py. Sharp upper and lower contacts. Few qtz carb veins with pink and bleached weak alteration halos.

829.62 840.57 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey and ligh grey FGS. Mainly felsic qtz feldspar rich FGS. Compositional banding observed a result of bio and amp increase locally which are weakly porphyritic. Trace very fine diss Py. Core is blocky and fractured intensely. Several small white qtz carb veinlets with weak diffuse pink K alteration halos. Several small QVs. Weak trace pink K alteration pervasively. Intensely broken core from 832 to 834m.

840.57 840.82 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to coarse moderately foliated porphyritic greyish green intermediate AMP unit. Strong pervasive alteration. Trace fine diss py. Sharp upper and lower contacts. Few qtz carb veins

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
with pink and bleached weak alteration halos.										
840.82	**841.31**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated moderately porphyritic grey biotite rich FGS. Weak poorly developed plag porphs within a plag bio qtz and amp matrix. Bio and amp cyrstals defines foliation. Sharp upper and lower contacts. Weak pervasive alteration. One small qtz carb vein with strong pink alteration halo. Trace diss py.								
841.31	**843.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Small fine to coarse moderately foliated porphyritic greyish green intermediate AMP unit. Weak pervasive alteration. Trace fine diss py. Sharp upper and lower contacts. Few qtz carb veins with pink and bleached weak alteration halos.								
843.10	**857.07**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated locally porphyritic grey FGS. Mainly felsic qtz feldspar bio matrixwith minor Amp with well developed subhedral plag porphs. Small section are observed with increased bio. Trace very fine diss Py. Core is blocky and fractured intensely from 843 to 843.5. Moderately fractures in the upper portion pervasively. Several small white qtz carb veinlets with weak diffuse pink K alteration halos. Weak trace pink K alteration pervasively around fracturing. Few small QF veins.								
857.07	**857.85**	**(QFP) Quartz Feldspar Porphyry, ( )** Small fine to coarse grained moderately foliated porphyritic QFP unit. coarse 2-4mm plag porphs are throughout the fld bio qtz amp fine to medium grained matrix. Sharp upper and lower contacts. No sulfides observed. Non magnetic.Several small veinlets with weak K alteration halos.								
857.85	**862.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained moderately foliated weakly porphyritc FGS. Minor bio. Weakly developed 2-6mm plag porphs within a medium grained plag qtz bio matrix. Trace to rare very fine diss Py. Sharp upper and lower contacts. Weakly to intensely altered halos around small white qtz carb veinlets.								
862.83	**863.48**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Small fine grained moderately foliated greyish green intermediate AMP unit. Weak pervasive alteration. Trace to rare fine diss py. Sharp upper and lower contacts. Few qtz carb veins with pink and bleached weak alteration halos.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

863.48 888.42 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated weakly porphyritc FGS. Minor bio. Weakly developed 2-6mm plag porphs within a medium grained plag qtz bio matrix. Trace to rare very fine diss Py. Trace Amp. Sharp upper and lower contacts. Weakly to intensely altered halos around small white qtz carb veinlets. Many small deformed pink and grey PEG veins with local boundinage passive folding and minor coarse biotite.

888.42 889.62 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic grey and white QFP. Coarse 3-5mm well developed suhedral plag porphs throughout the unit. Matrix composed of plag qtz bio and trace amp. No sulfides observed. Non magnetic. Sharp immediate contacts.

889.62 890.44 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately to strongly foliated locally folded and crenulated intermediate AMP. Weak Amp porphs are observed within a amp plag and bio matrix. Folding and crenulation observed around a folded and boundinaged QV. Small QF vein at 889.8m. No sulfdies observed. Minor epidote throughout.Sharp upper contact irregular and deformed lower contact.

890.44 890.60 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic grey and white QFP. Coarse 3-5mm well developed suhedral plag porphs throughout the unit. Matrix composed of plag qtz bio and trace amp. No sulfides observed. Non magnetic. Sharp immediate contacts. Small white QV within small unit.

890.60 891.60 (PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)

Quartz rich PEG vein with several fractures and and minor pink K feldspars. No sulfides. Sharp red and pink K altered contacts.

891.60 894.77 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic grey and white QFP. Coarse 3-5mm well developed suhedral plag porphs throughout the unit. Matrix composed of plag qtz bio and trace amp. No sulfides observed. Non magnetic. Sharp immediate contacts.

894.77 902.90 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium grained moderately foliated weakly porphyritc FGS. Minor bio. Weakly developed 2-6mm plag porphs within a medium grained plag qtz bio matrix. Trace to rare very fine diss Py. Trace Amp. Sharp upper and lower contacts. Weakly to intensely altered halos around small white qtz carb veinlets. Weakly magnetic locally.								
902.90	**903.60**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Small PEG vein that is completely broken into thin disks and broken peices. No sulfides. Non magnetic. Sharp upper and lower contact.								
903.60	**905.39**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Fine to coarse grained moderately foliated porphyritic grey and white QFP. Coarse 3-5mm well developed suhedral plag porphs throughout the unit. Matrix composed of plag qtz bio and trace amp. No sulfides observed. Non magnetic. Sharp immediate contacts. Intensely altered through most of the unit where increased veinlets are observed with strong small alteration halos.								
905.39	**905.96**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained moderately foliated weakly porphyritc FGS. Minor bio. Weakly developed 2-6mm plag porphs within a medium grained plag qtz bio matrix. Trace to rare very fine diss Py. Trace Amp. Sharp upper and lower contacts. Weakly to intensely altered halos around small white qtz carb veinlets. Weakly magnetic locally.								
905.96	**906.27**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Fine grained light green LAMP. Carb vein brecciates the LAMP dyke and has a strong alteration halo. No sulfides. Non magnetic. Sharp upper and lower contacts.								
906.27	**907.11**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated weakly porphyritc FGS. Minor bio. Weakly developed 2-6mm plag porphs within a medium grained plag qtz bio matrix. Trace to rare very fine diss Py. Trace Amp. Sharp upper and lower contacts. Intensely altered unit with pervasive and halos of K alteration and light green carbonate alteration.								
907.11	**907.58**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine grained moderately foliated greyish green intermediate Amp. Compositional banding observed as plag content varies slightly. Several small white veinlets with little to no alteration halos within the small unit. Sharp upper and lower contacts. No sulfides observed. Non magnetic. Passive folding along lower contact.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

907.58 911.97 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive granitic PEG vein with coarse diss bio. Sharp upper and lower contacts. Non magnetic. No sulfides. Homogeneous.

911.97 915.49 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated weakly banded grey FGS. Thin compositional banding observed as bio and amp increases locally in feldspar qtz matrix. Several very thin white qtz veinlets with pink weak alteration halos. Fine diss anhedral Py pervasively. Sharp upper contact and short altered lower contact. Moderately magnetic locally.

915.49 915.75 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak pink alteration halos. No sulfdies observed. Non magnetic. sericite altered contacts. Sharp upper and lower contacts.

915.75 916.46 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated weakly banded grey FGS. Thin compositional banding observed as bio and amp increase locally in feldspar qtz matrix. Several very thin white qtz veinlets with pink moderate alteration halos. Fine diss anhedral Py pervasively. Sharp upper lower pink altered contacts.

916.46 917.22 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green AMP. Patchy clotty CPX pervasively in the AMP and plag matrix. Minor to trace diss bio. Trace diss Ep locally. No sulfides observed. Weakly magnetic. Sharp upper and lower contacts.

917.22 918.10 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated intensely banded AMP. Bands of plag amp and bio between bands of Amp and trace Bio and plag. Bands vary from 1.5cm to 3mm wide and are parallel to foliation. Trace epidote locally. Fine trace diss anhedral Py locally. Sharp upper and lower contacts.

918.10 918.50 (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
		Fine grained weakly to moderately folaited dark grey porphyritic DIOP1. Well developed 2-4mm subhedral plag porphs within a fine grained biotite qtz plag matix. No sulfides. Non magnetic. Sharp upper and lower contacts.								
918.50	**921.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak bleached alteration halos. Minor fine diss Py pervasively. Strongly magnetic. Sharp upper and lower contacts.								
921.40	**923.14**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated weakly banded grey FGS. Bio and trace amp varies slightly. Several very thin white qtz veinlets with pink weak alteration halos. Fine diss anhedral Py pervasively. Sharp upper and lower contacts. One QV and one qtz carb vein with a strong pink alteration halo. Weakly magnetic locally.								
923.14	**923.43**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak bleached alteration halos. Minor fine diss Py pervasively. Strongly magnetic. Sharp upper and lower contacts.								
923.43	**923.71**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated weakly banded grey FGS. Bio varies slightly with the qtz plag matrix. Weak pervasive K alteration. Fine diss anhedral Py pervasively. Sharp upper and lower contacts. Weakly developed plag porphs. Moderately magnetic locally.								
923.71	**924.07**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak bleached alteration halos. Minor fine diss Py pervasively. Weakly magnetic. Sharp upper and lower contacts.								
924.07	**927.25**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated weakly banded pinkish grey FGS. Bio varies slightly. Several very thin white qtz veinlets with pink weak alteration halos. Weak pervasive								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
K alteration. Fine diss anhedral Py pervasively. Sharp upper contact. Short gradual lower contact. Weakly to moderately magnetic.										
927.25	**927.61**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak bleached alteration halos. Minor fine diss Py pervasively. Weakly magnetic. Sharp upper and lower contacts.										
927.61	**930.93**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained moderately foliated strongly banded grey FGS. Bio and amp vary in a plag qtz rich matrix. Locally medium grained Amp porphs with depletion halos observed. Several very thin white qtz veinlets with pink weak alteration halos. Fine diss anhedral Py pervasively. Sharp upper and lower contacts. Portion of the unit is intensely broken into many small disks between 928 and 928.4m.										
930.93	**941.61**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Medium to coarse grained moderately foliated strongly porphyritic pink and grey FGS. Pink and white plag plag porphs ranging from 2-6mm pervasively with in a plag qtz bio amp equigranular medium grained matrix. Fine diss anhedral Py pervasively. Sharp upper and lower contacts. Many small white veinlets with pink and white alteration halos. Few intensely altered sections around carb veins. Few white QVs.										
941.61	**947.07**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Medium to coarse grained moderately foliated moderately porphyritic pink and grey FGS. Pink and white poorly developed plag plag porphs ranging from 2-6mm pervasively within a plag qtz bio amp medium grained matrix. Coarse rounded qtz porphs locally as well. Fine diss anhedral Py pervasively. Sharp upper and lower contacts. Many small white veinlets with pink and white alteration halos. Few intensely altered sections around carb veins. Few white QVs.										
947.07	**947.82**	**(AMP) Amphibolite, ( )**								
Fine to medium grained strongly to moderately foliated compositionally banded Amp. Grain size and amp content vaires slightly forming compositional banding. Minor plag. Trace bio. Fine diss Py and Cpy pervasively. Sharp upper and lower contacts. Few small white veinlets with and without bleached alteration halos.										
947.82	**948.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained moderately foliated weakly porphyritic pink and grey FGS. Weakly										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
developed grey and pink plag porphs. Trace fine diss Py. Sharp upper and lower contacts.										
948.00	**948.15**	**(AMP) Amphibolite, ( )** Fine to medium grained strongly to moderately foliated compositionally banded Amp. Grain size and amp content vaires slightly forming compositional banding. Minor plag. Trace bio. Fine diss Py and Cpy pervasively. Few small white veinlets with and without bleached alteration halos. Sharp upper contact. Low angle sharp lower contact.								
948.15	**948.60**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Small low angle LAMP dyke. Compositional banding within the vein as xenoliths are unevenly distributed. Many parallel white carb veinlets. Irregular laminated contacts. Light green and grey alteration pervasively. No sulfides no magnetism.								
948.60	**951.00**	**(AMP) Amphibolite, ( )** Fine to medium grained strongly to moderately foliated compositionally banded Amp. Grain size and amp content vaires slightly forming compositional banding. Minor plag. Trace bio. Trace fine diss Py and Cpy pervasively. Sharp upper and lower contacts. Few small white veinlets with and without bleached alteration halos. Local F2 folding of S1.								
951.00	**961.95**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated weakly porphyritic grey FGS. Grey and white poorly developed plag plag porphs ranging from 2-4mm locally within a plag qtz bio amp fine grained matrix. Fine diss anhedral Py pervasively. Sharp upper and lower contacts. Intensely altered pink and beige lower 2m where a green LAMP? Fuchsite? dyke crosscuts core along the lower contact.								
961.95	**962.34**	**(PEG) Pegmatite, ( )** Coarse grey and greenish grey subrounded feldspar crystals with very fine grey material between grains and along contacts. Not a typical PEG. No sure PEG really fits this unit. Sharp upper and lower contacts. Non magnetic. No sulfides.								
962.34	**965.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately foliated moderately porphyritic grey FGS. Pink and white poorly developed plag plag porphs ranging from 2-3mm pervasively within a plag qtz bio amp medium grained matrix. Trace fine diss Py. Sharp upper and lower contacts. Locally altered around qtz carb veins.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
965.60	**965.79**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak bleached alteration halos. Minor fine diss Py pervasively. Weakly magnetic. Sharp upper and lower contacts.								
965.79	**966.93**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated moderately porphyritic grey FGS. Pink and white poorly developed plag plag porphs ranging from 2-3mm pervasively within a plag qtz bio amp medium grained matrix. Trace fine diss Py. Sharp upper and lower contacts. Locally altered around qtz carb veins. One small very coarse biotite and magnetite rich patch.								
966.93	**967.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak bleached alteration halos. Minor fine diss Py pervasively. Weakly magnetic. Sharp upper and lower contacts.								
967.10	**974.32**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Plag qtz bio amp medium grained equigranular matrix. Trace fine diss Py. Sharp upper and lower contacts. Locally altered around qtz carb veins. Few small Qvs.								
974.32	**974.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp matrix with trace diss bio. Equigranular. Few thin white veinlets with weak bleached alteration halos. Minor fine diss Py pervasively. Weakly magnetic. Sharp upper and lower contacts.								
974.60	**975.11**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Plag qtz bio amp medium grained equigranular matrix. Trace fine diss Py. Sharp upper and lower contacts.								
975.11	**975.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated greyish green intermediate AMP. Plag and Amp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

matrix with trace diss bio. Equigranular.. Minor fine diss Py pervasively. Weakly magnetic. Sharp upper and lower contacts.

975.40 977.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained moderately foliated moderately porphyritic weakly altered FGS. Poorly developed pink and white plag 1-3mm anhedral plag porphs within a plag qtz bio amp matrix. Porph size and abundance varies throughout the unit. Trace fine diss Py. Weak magnetism locally. Few small white veinlets with pink and beige alteration halos. Sharp upper and lower contacts.

977.90 978.79 (DIA) Diabase Dike, ( )

Fine grained dark grey magnetic massive Diabase dyke. No sulfides. Few Carb vein paralle to contacts.

978.79 982.95 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained banded xenolith rich magnetic dark grey LAMP. Few small carb veins parallel to contacts. Compositional banding as xenolith abundance varies. Moderately magetic pervasively. Sharp upper and lower contacts.

982.95 1005.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained moderately foliated moderately porphyritic weakly altered FGS. Poorly developed pink and white plag 1-3mm anhedral plag porphs within a plag qtz bio amp matrix. Porph size and abundance varies throughout the unit. Weak pervasaive alteration in the form of pink K alteration. Locally bunches of small white qtz carb veinlets have intense pink and biege alteration halos. Trace fine diss Py. Weak magnetism locally. Few small boundinaged and deformed white barren QVs. Sharp upper contacts. Gradual lower contact.

1005.00 1008.75 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated banded green and grey intermediate AMP. Few short sections of Amp rich FGS within the unit. Gradual upper and lower contacts. Epidote alteration unevenly distributed throughout the unit. Localized tight folding of compositional bands. Amp and plag content varies throughout. few small white veinlets with no alteration halos. Fine diss Py unevenly distributed within banding. One small white boundinaged QV.

1008.75 1010.25 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated weakly altered FGS. Weak pervasaive alteration in the form of pink K alteration and bleaching. Trace fine diss Py. Weak magnetism locally. Gradual altered upper contact. Sharp low angle lower contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

1010.25 1013.22 (UMD) UM\LAMP Dike, ( )

Fine to medium grained weakly brecciated intensely altered unique ultramafic ultramafic dyke. Intensely altered sharp low angle upper and lower contacts. Centre of the dyke is strongly altered. Intense small and very small veinlets throuhgout the unit with white and light green alteration halos. One small low angle QF vein within the middle of the dyke. Moderately to weakly magnetic. Unlike typical LAMP dykes. Xenolith rich.

1013.22 1016.84 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated weakly altered grey FGS. Weak pervasaive alteration in the form of pink K alteration and bleaching. Trace fine diss Py. Weak magnetism locally. Low angle sharp upper contact. Gradual lower contact. One small carb vein with weak alteration halo.

1016.84 1017.41 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated green and grey intermediate AMP. Gradual upper and lower contacts. Epidote alteration unevenly distributed throughout the unit. Amp and plag content varies slightly.Fine diss Py.

1017.41 1025.25 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Minor bio within a plag qtz rich matrix. Trace Amp. Trace fine diss Py. Weak magnetism locally. Gradual upper contact. Sharp lower contact with DIo unit.

1025.25 1026.30 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

fine to medium-grained grey and green intermediate amphibolite with lack of traceable foliation and patchy weak potassic and sericitic alteration on crosscutting quartz-carbonate veinlets

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1026.30 1029.07 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

fine-grained muscovite-bearing quartzofeldspathic groundmass with disseminated interstitial biotite and abundant greywash of silciification; fine-grained minor pyrite disseminated throughout and intermittent potassic alteration envelopes on quartz-carbonate veinlets

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1029.07 1030.13 (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) very fine to fine-graiend green and grey siliceous intermediate amphibolite with no traceable foliation; patchy dark quartz and feldspar groundmass with disseminated to banded amphibole and minor biotite as well as intermittent quartz-carbonate veinlets with potassic and sericitic envelopes								
1030.13	**1038.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained dark grey quartzofeldspathic groundmass defined by pebbly quartz phenocrystic sections; disseminated biotite and amphibole as well as patchy disseminated pyrite and intermittent white massive quartz veins; tight F1 folding in lower section of unit and intermittent quartz-carbonate stringers with potassic-sericitic-chlorite-epidote alteration								
1038.25	**1040.50**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey quartoze siliceous groundmass with associated feldspar and interstitial biotite; patches of intermediate amphibolite are variously undulating and folded around the FGS sections; some patchy to disseminated pyrite focused around amphibolite bands								
1040.50	**1043.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey fine to medium-grained quartzofeldspathic groundmass characterized by high quartz content and interstitial biotite; intermittent potassic and sericitic envelopes on quartz-carbonate veinlets								
1043.50	**1048.35**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained grey and black intrusive lamprophyre dyke defined by chlorite-sericite altered margins and abundant greyish carbonate phenocrysts								
1048.35	**1050.07**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green massive amphibolite with intermittent carbonate and quartz bands or veinlets; minor disseminated Py								
1050.07	**1054.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey medium to coarse-grained unit composed of alternating quartzofeldsapthic and disseminated biotite bands; chlorite alteration bands and weak sericite envelopes on crosscutting quartz-carbonate veinlets; occasional massive grey quartz veins; wavy	C67021	1050.35	1050.65	0.3	0.059	AGAT_FAICP		
			C67022	1050.65	1051.91	1.26	0.237	AGAT_FAICP		
			C67023	1051.91	1052.21	0.3	0.062	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		undulating lamprophyre dyke from 1053 to 1053.6 m depth with contact angles broken out in point structures tab	C67024	1052.21	1052.89	0.68	0.078	AGAT_FAICP		
			C67025	1052.89	1053.66	0.77	0.015	AGAT_FAICP		
			C67027	1053.66	1054.38	0.72	0.035	AGAT_FAICP		
1054.38	**1058.12**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained abnded green intermediate amphibolite characterized by alternating quartzofeldspathic and amphibole-rich bands; intermittent light and dark grey quartz veinlets	C67028	1054.38	1055.4	1.02	0.072	AGAT_FAICP		
			C67029	1055.4	1055.77	0.37	0.007	AGAT_FAICP		
			C67030	1055.77	1057	1.23	0.047	AGAT_FAICP		
			C67031	1057	1057.33	0.33	0.02	AGAT_FAICP		
			C67033	1057.33	1058.12	0.79	0.055	AGAT_FAICP		
1058.12	**1060.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained grey and black intrusive lamprophyre dyke defined by abundant greyish carbonate phenocrysts and bright green sericite-chlorite margins	C67034	1058.12	1059	0.88	0.007	AGAT_FAICP		
			C67035	1059	1060.1	1.1	0.004	AGAT_FAICP		
1060.10	**1061.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green intermediate amphibolite defined by amphibole-rich grounndmass with intermittent green chlorite bands and occasional quartz-chlorite veinlets; bottom contact marked by 5 cm wide lamprophyre dykelet	C67036	1060.1	1061	0.9	0.088	AGAT_FAICP		
			C67037	1061	1061.6	0.6	0.036	AGAT_FAICP		
1061.60	**1065.04**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained pink and grey banded FGS remelt; reheating indicated by siliceous nature and potassic-altered amalgamation of layers into cloudy diffuse bands; occasional mid to dark grey quartz veinlets								
1065.04	**1068.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and pink intermediate amphibolite; intense altered and strained unit with sections of foliation-parallel intercalated quartz veinlets; strong chloritic and weak potassic alteration; alteration becomes intense towards contact with lower lamprophyre dyke	C67039	1065.04	1065.37	0.33	0.016	AGAT_FAICP		start of spot sample string
			C67040	1065.37	1065.67	0.3	0.02	AGAT_FAICP		
			C67041	1065.67	1066.21	0.54	0.009	AGAT_FAICP		
			C67042	1066.21	1067	0.79	0.015	AGAT_FAICP		
			C67043	1067	1068	1	0.01	AGAT_FAICP		end of spot sample string
1068.00	**1072.33**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained green and greyish altered intrusive lamprophyre dyke meandering								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		across core at mostly low angles to core long axis; sections where heavily altered wallrock is visible on dyke margins but due to degree of alteration the units were included as dyke material								
1072.33	**1073.46**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** green and grey intermediate banded amphibolite with strong degree of alteration and weak to moderate strain apparent; hairline carbonate stringers throughout								
1073.46	**1074.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey and pink quartz-feldspar-biotite unit with diffuse banding accented by background pale potassic alteration; intermittent hairline chlorite veinlets								
1074.50	**1074.87**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and grey intermediate amphibolite with strong banding likely a result of increased strain; thin quartz bands and bands of elongated amphibole grains								
1074.87	**1086.85**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** intercalated and variably altered to silicified quartzofeldspathic FGS and intermediate amphibolite lenses; occasional quartz and quartz-carbonate veins as well as one or two intrusive lamprophyre dykelets								
1086.85	**1088.69**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained weakly foliated intermediate amphibolite with sharp contacts; relatively unaltered and one small FGS band within around 1088 m depth								
1088.69	**1116.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to coarse-grained grey foliated quartz-feldspar-biotite unit with slight compositional changes throughout; compositional change primarily due to either varying chlorite-sericite alteration or segregation of minerals into quartz-feldspar bands and darker biotite-rich bands; some areas show porphyritic texture in quartz likely due to agglomerating grains at low temperature reheating; occasional quartz and quartzofeldspathic melt bands as well as altered quartz-carbonate stringers; most veins appear to be massive barren QV2	C67044	1094.8	1096	1.2	0.027	AGAT_FAICP		start of spot sample string
			C67045	1096	1097.2	1.2	0.018	AGAT_FAICP		
			C67047	1097.2	1098.1	0.9	0.017	AGAT_FAICP		end of spot sample string

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1116.70	**1117.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green massive to tracely-foliated intermediate amphibolite with sharp unaltered contacts; minor quartz and feldspar								
1117.30	**1118.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey moderately to strongly-banded quartz-feldspar-biotite unit; banding defined by light grey quartz bands alternating with dark grey and black biotite-rich bands; relatively unaltered and very minor pyrite								
1118.20	**1119.10**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green and grey erosional intermediate amphibolite composed of light grey quartz-feldspar groundmass with coarse disseminated hornblende grains; largely unaltered except for one quartz-carbonate microveinlet with trace alteration envelope								
1119.10	**1144.96**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to coarse-grained extensive grey quartz-feldspar-biotite unit with similar compositional variations to previous large FGS interval; unit ranges based on temperature gradients from sections of fine-grained siliceous quartz-feldspar with lower biotite content to coarse sections of pink and grey quartz-feldspar-biotite; coarser sections contain quartzose and quartzofeldspathic patchy melt bands; some sections contain minor amphibole and areas possess minor disseminated pyrite; some veins show open folds and various veinsets have been broken out in veining tab; certain sections also contain porphyritic subrounded quartz grains that are either a relict component of prior sedimentary sorting or a heating feature	C67048	1137.2	1138.2	1	0.035	AGAT_FAICP		start of spot sample string
			C67049	1138.2	1139.23	1.03	0.03	AGAT_FAICP		
			C67050	1139.23	1140.5	1.27	0.066	AGAT_FAICP		
			C67051	1140.5	1141.5	1	0.028	AGAT_FAICP		
			C67053	1141.5	1142.1	0.6	0.021	AGAT_FAICP		end of spot sample string
1144.96	**1145.33**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained grey and green relatively unaltered intermediate amphibolite lens with lower contact marked by 12 cm quartzofeldspathic vein								
1145.33	**1154.85**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained quartz-feldspar-biotite unit defined by alternating bands of biotite-rich bands and quartz-feldspar bands; patches of erosionally incorporated intermediate amphibolite characterized by increased sulphide mineralization due to the higher iron levels available in the substrate; massive whitish grey barren quartz veins and patches of quartz-carbonate veinlets with potassic and sericitic alteration envelopes	C67054	1149.3	1150	0.7	0.057	AGAT_FAICP		start of spot sample string
			C67055	1150	1150.45	0.45	0.093	AGAT_FAICP		
			C67056	1150.45	1150.8	0.35	0.297	AGAT_FAICP		end of spot sample string

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1154.85	**1156.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** banded green and grey intermediate amphibolite defined by alternating greyish quartz-feldspar bands and green amphibole-rich bands; minor disseminated Py as well as one massive grey quartz vein with a sericitic alteration envelope								
1156.00	**1157.14**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey quartz-feldspar-biotite unit composed of quartzofeldspathic groundmass with discontinuous bands of elongated biotite grains; trace sericite haloes on thin quartz-carbonate veinlets								
1157.14	**1159.03**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained intermediate amphibolite with alternating bands of greyish quartz-feldspar and green amphibole; section of strong sericitic alteration envelopes on quartz-carbonate veinlets as well as dessication texture on approach to a dark grey quartz vein near the lower contact caused by gradual loosening and breakage of overlying wallrock material; minor sulphides								
1159.03	**1162.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey foliated quartz-feldspar-biotite unit with a few occasional flecks of muscovite; that is really about it folks just your usual humble metasediment								
1162.38	**1162.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** weakly foliated green intermediate amphibolite with one sericite-enveloped quartz-carbonate stringer but otherwise no alteration								
1162.80	**1167.98**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey quartz-feldspar-biotite unit defined by altnernating blotches of quartz-feldspar and elongated biotite parallel to foliation that hands a pseudobanded appearance to the fella; occasional quartz veins and patches with trails of feldspar as well as intermittent quartz-carbonate veinlets donning potassic and sericitic alteration envelopes alongside small amounts of chlorite								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1167.98	**1169.66**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with strong foliation defined by elongated coarse amphibole crystals; patchy quartzofeldspathic melt in parts of unit and tight F1 folds in small less than 1 cm wide quartz veinlet								
1169.66	**1171.62**	**(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 sections of finer-grained foliated equigranular grainmass and sections of watery blotches of quartz-feldspar partitioned by thin bands of arranged biotite grains; intermittent potassic-sericitic haloes on quartz-carbonate veinlets and minor sulphides associated with incorporated patches of green amphibolite material								
1171.62	**1171.94**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained relatively unaltered green amphibolite band with weak foliation and sharp contacts								
1171.94	**1172.76**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained weakly-foliated quartz-feldspar-biotite unit with small clumps of green amphibolite likely erosionally incorporated from surrounding amphibolite lenses								
1172.76	**1173.26**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine-grained green weakly-foliated amphibolite with sharp contacts								
1173.26	**1176.06**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey metasediment defined by sections of abundant strained sygmoidal quartz eyes; the sense of shear appears dextral although the pinch on the quartz eyes is not developed enough to state surely the shear sense; increased temperatures occur on the margins of amphibolite bands within the interval as indicated by quartz melt with fragments of intermediate amphibolite incorporated								
1176.06	**1176.85**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite with weak foliation and occasional thin quartz veinlets; minor disseminated to banded Py								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

1176.85 1190.04 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium to coarse-grained banded quartz-feldspar-biotite unit defined by preferentially potassic-altered cm-scale quartzofeldspathic bands and more biotite-enriched bands between them; patchy bands of green amphibolite with clumpy to disseminated pyrrhotite and pyrite; intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes as well as quartzofeldspathic veins in places

1190.04 1190.68 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

fine to medium-grained green intermediate amphibolite; generally massive with very trace foliation; minor disseminated pyrite and one sericite-enveloped quartz-carbonate veinlet

1190.68 1196.99 (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 sections of finer-grained foliated material and sections with strained quartz eyes; occasional quartzofeldspathic veinlets

1196.99 1197.86 (QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated

fine to medium-grained pink quartzofeldspathic melt with sharp contacts

1197.86 1199.59 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

grey foliated medium-grained quartz-feldspar-biotite unit with a couple little quartzofeldspathic veinlets and hey even a tiny bit of weak chlorite alteration in small patches

1199.59 1201.07 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

very coarse-grained pink and grey granitic pegmatite with feldspar-dominant groundmass but coarse patches of quartz present as well

1201.07 1203.92 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

grey medium to coarse-grained banded quartz-feldspar-biotite unit with minor muscovite and

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		patchy to banded quartz and quartzofeldspathic veinlets; some weak sericite and chlorite alteration in patches								
1203.92	**1204.71**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** coarse to very coarse-grained pink and grey quartz-rich pegmatite that consists of coarser-grained quartz and feldspar patches as well as sections of finer-grained material; small felcks of biotite throughout unit								
1204.71	**1206.53**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained grey quartz-feldspar-biotite unit with diffuse banding defined by biotite-rich and biotite-poor quartzofeldspathic patches; sparse quartzofeldspathic veinlets in places								
1206.53	**1207.32**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** medium to coarse-grained melt aggregate of pink quartzofeldspathic material listed as QV due to grain size limiting a pegmatitic distinction; pegmatitic quartz and feldspar sections along with finer-grained equigranular masses of feldspar and small disseminated biotite flecks								
1207.32	**1208.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained weakly foliated quartz-feldspar-biotite unit with a single trace sericite-enveloped quartz-carbonate veinlet; one large quartzofeldspathic vein broken out in veining tab								
1208.38	**1210.96**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )** medium-grained grey quartz-feldspar-biotite unit with alternating grey quartz-feldspar and black biotite-rich bands that transitions gently into green and grey intetrmediate amphibolite presenting itself via sygmoidal lenses and discontinuous bands of pale green amphibole-rich material; minor disseminated pyrite throughout and intermittent quartz-carbonate stringers with sericite alteration envelopes; gentle open folds near lower contact with no orientation but hinges seem perpendicular to core long axis while limbs point roughly 47 degrees to core long axis								
1210.96	**1211.65**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** pink and grey quartzofeldspathic melt with moderately pegmatitic coarse grain size; unit transitions from equigranular mosaic-like interlock of quartz and feldspar to a coarser mix of feldspar-dominant pegmatitic groundmass with lesser interstitial quartz; incorporated bands and fragments of FGS wallrock in places; patchy pyrite in spots								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1211.65	**1212.21**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** weakly foliated green intermediate amphibolite relatively unaltered with hairline pyrite bands along foliation plane								
1212.21	**1213.63**	**(QV, AMP) Quartz Vein, Amphibolite, (QZV) Quartz Vein Undifferentiated** medium to coarse-grained pink quartzofeldspathic vein defined by feldspar-dominant groundmass with lesser patchy interstitial quartz; one small band of erosional FGS amphibolite between veins with contacts broken out in point structures tab								
1213.63	**1219.67**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite characterized by intermittent dark grey zones of quartz flooding with coarse patchy sulphides; wallrock is foliated and contains minor disseminated sulphides; FGS bands are seen in places and in certain cases can be rather well mixed in erosionally with the host amphibolite unit; FGS and amphibolite contacts within unit usually bound by strong to intense sericitic alteration envelopes	C67057	1213.63	1214.21	0.58	0.018	AGAT_FAICP		start of spot sample string
			C67059	1214.21	1215.43	1.22	0.02	AGAT_FAICP		
			C67060	1215.43	1215.92	0.49	0.007	AGAT_FAICP		
			C67061	1215.92	1216.46	0.54	0.062	AGAT_FAICP		
			C67062	1216.46	1216.81	0.35	0.041	AGAT_FAICP		
			C67063	1216.81	1217.42	0.61	0.007	AGAT_FAICP		
			C67064	1217.42	1218.1	0.68	0.01	AGAT_FAICP		
			C67065	1218.1	1218.45	0.35	0.009	AGAT_FAICP		end of spot sample string
1219.67	**1221.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained light grey foliated quartz-feldspar-biotite unit with patchy muscovite and intermittent potassic-enveloped quartz-carbonate veinlets								
1221.45	**1222.76**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** fine to coarse-grained pink quartzofeldspathic vein defined by blurry feldspar-dominant groundmass with lesser quartz and small flecks of biotite								
1222.76	**1226.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained light grey quartz-feldspar-biotite unit with defined foliation and intermittent quartz-carbonate veinlets with potassic alteration envelopes; occasional quartzofeldspathic bands within unit								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1226.70	**1233.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained dark green massive amphibolite characterized by very amphibole-rich groundmass and elevated areas of sulphide mineralization compared to minimal sulphides in previous units; internal bands of FGS-like material usually associated with incorporated bleblike fragments of amphibolite melt; intense sericitic-chloritic-potassic alteration patch from 1232.3 to 1232.8 m depth; occasional light grey quartzofeldspathic bands	C67067	1229	1230	1	0.11	AGAT_FAICP		start of spot sample string
			C67068	1230	1231	1	0.046	AGAT_FAICP		
			C67069	1231	1232	1	0.053	AGAT_FAICP		
			C67070	1232	1233	1	0.064	AGAT_FAICP		
1233.00	**1233.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained dark grey massive quartz-feldspar-biotite unit with blotchy sm-scale patches of light grey quartz melt	C67071	1233	1233.83	0.83	0.023	AGAT_FAICP		
1233.83	**1237.93**	**(AMP, DIA) Amphibolite, Diabase Dike, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained weakly foliated green intermediate amphibolite with closely to tightly folded quartzofeldspathic veins and a massive black diabase dykelet with contacts provided in point structures tab	C67073	1233.83	1234.2	0.37	0.039	AGAT_FAICP		end of spot sample string
1237.93	**1239.22**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained light grey quartzofeldspathic unit with foliation defined by aligned elongation of biotite grains; relatively unaltered and one small quartzofeldspathic veinlet present								
1239.22	**1239.98**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** massive green medium-grained amphibolite defined by abundant coarse subrounded amphibole crystals disseminated in groundmass; sericitic alteration envelopes on small couplet of quartz-carbonate veinlets								
1239.98	**1241.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained foliated quartz-feldspar-biotite unit with gentle to open F2 folding								
1241.00	**1242.38**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C67074	1241	1242.38	1.38	0.149	AGAT_FAICP		start of spot sample string

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		coarse-grained grey wallrock incorporative watery vein with deformed and undulating contacts; coarse patches of Py-Po and patchy trails of biotite; minor chlorite alteration in fractures								
1242.38	**1246.59**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained massive green intermediate amphibolite defined by abundant disseminated amphibole porphyroclasts; tight F1 folding in parts of unit with limbs oriented at 40 to 60 degrees from long axis while hinges are roughly perpendicular to core long axis; alternating dark and pale green bands in places as well as occasional quartz-carbonate veinlets and one internal FGS band that was not broken out	C67075	1242.38	1243	0.62	0.026	AGAT_FAICP		
			C67076	1243	1244	1	0.043	AGAT_FAICP		
			C67077	1244	1244.4	0.4	0.016	AGAT_FAICP		end of spot sample string
1246.59	**1250.61**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained erosional buffer with amphibole incorporated from upper amphibolite lens that transitions into strongly quartz-porphyritic quartz-feldspar-biotite unit with some apparent tight F1 folds; occasional quartzofeldspathic veins broken out i nveining and point structures tabs as well as patches of potassic and lesser chloritic-sericitic alteration								
1250.61	**1251.10**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse-grained massive light grey quartz vein containing dispersed patches of pink feldspar and one biotite-rich FGS walllrock band; sharp contacts conformable to foliation								
1251.10	**1253.91**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained mix of alternating FGS and amphibolite bands with significant erosional blending of biotite and amphibole grains between layers; one 10 cm granitic pegmatite crosscuts unit and there is minor disseminated very fine-grained Py								
1253.91	**1260.84**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** pink feldspar-dominant groundmass with patchy grey interstitial quartz and minor flecks of biotite throughout								
1260.84	**1261.89**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained pink and grey quartz-feldspar-biotite unit with little to no discernible foliation and diffuse background potassic alteration; sericite alteration at lower contact with PEG								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1261.89	**1262.84**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** very coarse-grained pink and grey quartz-rich pegmatite with quartzose groundmass distinguished by suspended clumps of anhedral pink feldspar								
1262.84	**1266.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained largely massive pink and grey quartz-feldspar-biotite unit with wide potassic and sericitic envelopes around quartz-carbonate stringers								
1266.00	**1266.74**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coarse-grained pink intrusive feldspar-dominant pegmatite with patchy bands of incorporated wallrock and sericite-enveloped quartz-carbonate stringers								
1266.74	**1268.42**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained grey green and pink amphibole-porphyroclastic quartz-feldspar-biotite unit with intermittent quartzofeldspathic veinlets								
1268.42	**1278.46**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coarse-grained swath of intrusive granitic pegmatite with engulfed and exposed sections of remnant FGS wallrock within; wallrock contains up to cm-scale amphibole porphyroclasts in places; wallrock contacts were broken out in point structures tab with the overlying and underlying unit listed to prevent excessive unit repetition								
1278.46	**1280.68**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained pink and grey quartz-feldspar-biotite unit with diffuse occasional banding defined by segregation between quartz-feldspar and quartz-feldspar-biotite constituencies; potassic alteration haloes on quartz-carbonate veinlets								
1280.68	**1281.37**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse-grained pink and grey quartzofeldspathic vein composed of quartz groundmass with patchy trails of interstitial pink feldspar and sericitized fragments of FGS wallrock								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1281.37	**1300.22**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained pink and grey-green quartz-feldspar-biotite unit with disseminated amphibole grains and occasional porphyroclasts; disseminated flecks of labradorite and quartz-carbonate veinlets with potassic-sericitic alteration envelopes; quartzofeldspathic veinlets here and there buddy; three lamprophyre dykelets near upper contact broken out in point structures tab; abundant one to ten centimetre pegmatites								
1300.22	**1302.38**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine-grained black and grey intrusive lamprophyre dyke with sharp green sericite-chlorite altered margins; thin carbonate stringer fracture infill zone at contacts								
1302.38	**1323.00**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** medium to coarse-grained green and grey amphibole-porphyroclastic siliceous unit; quartzofeldspathic groundmass with abundant amphibole and lesser biotite along with common flecks of labradorite; intermittent quartz-feldspar veinlets some with and some without chlorite-sericite alteration								
1323.00	**1325.73**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and green amphibole-bearing quartz-feldspar-biotite unit with weak foliation and flecks of labradorite; intermittent quartzofeldsapthic melt bands and sericite-chlorite alteration patches								
1325.73	**1326.41**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine-grained dark green intermediate amphibolite with occasional narrow quartz veinlets and patchy carbonate vug infill in one spot; sharp contacts								
1326.41	**1350.06**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and green amphibole-bearing quartz-feldspar-biotite unit with sparse flecks of labradorite throughout; intermittent quartz and quartzofeldspathic veins broken out in relevant tabs as appropriate; wide patches of greenish-yellow chlorite sericite alteration usually around light grey massive quartz vein sets;								
1350.06	**1357.69**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained strongly-foliated unit with intermittent quartz and quartzofeldspathic								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		veins; sections of alternating light and dark grey bands defined by variations in biotite content as well as sections of cloudy watery wallrock melt with pervasive green chlorite and diffuse background potassic alteration								
1357.69	**1359.22**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained intermediate amphibolite with slightly quartz-porphyritic texture; defined by elongated amphibole crystals parallel to foliation								
1359.22	**1362.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey and green unit with alternating quartz-feldspar bands of various biotite content and intermittent quartz to quartzofeldspathic veins; area leading to lower contact rather reheated and segregated into alternating amphibole-biotite and quartz bands; patchy clumps of amphibole from 1361 to 1362.18								
1362.18	**1364.04**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green intermediate amphibolite with sections of massive green amphibolite and sections of amphibole-porphyroclastic material with strong foliation; singular patch of intense sericitic-potassic alteration along with chlorite alteration								
1364.04	**1369.09**	**(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 intermittent quartz and quartzofeldspathic veins as well as quartz-carbonate stringers with potassic and sericitic alteration envelopes; strong cchlorite-sericite altered quartz-carbonate veinlets in approach to contact with underlying alteration unit								
1369.09	**1370.86**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated** coarse to very coarse-grained grey and white quartz-carbonate altered pegmatitic melt veins with patchy green chlorite alteration throughout along with associated sericite-enveloped stockwork of hairsbreadth quartz-carbonate veinlets; obvious vein margins within unit broken out in point structures tab; fragments and engulfed bands of grain-coarsened sericitized FGS wallrock and green amphibolite								
1370.86	**1384.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey unit with alternating bands of variable biotite content; unit is								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		very strongly-foliated and has intermittent quartzose to quartzofeldspathic veins or patchy melt bands; sections of abundant quartz-carbonate veinlets with moderate to strong sericite-chlorite envelopes								
1384.52	**1385.16**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		medium-grained grey and green intermediate amphibolite with no defined foliation and sharp unaltered contacts								
1385.16	**1387.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		fine to coarse-grained white and grey quartzofeldspathic melt with disseminated biotite; sections of fine-grained weakly-foliated FGS alternating with coarse whiteish massive quartz-feldspar-biotite melt								
1387.80	**1393.94**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		medium to coarse-grained grey and green quartz-feldspar biotite unit with occasional quartz veins and extensive pervasive chlorite alteration in proximity to underlying lamprophyre dyke								
1393.94	**1399.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		very fine to fine-grained green and grey chloritized and sericitized intrusive lamprophyre dyke with patchy carbonate phenocrysts in places; strong contact aureole of chlorite alteration in wallrock around dyke margins								
1399.20	**1406.13**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		medium-grained grey and green quartz-feldspar-biotite unit with intermittent quartz veins and a strong chlorite-sericite alteration band from 1403.5 to 1404 m depth; upper end of unit is dark green with pervasive chlorite alteration from overlying lamprophyre dyke								
1406.13	**1421.19**	**(FGG, FGS) Felsic Gneiss Granitic, Felsic Gneiss Sedimentary, ( )**	C67079	1406.13	1407	0.87	0.061	AGAT_FAICP		
		coarse to very coarse-grained pink and grey quartzofeldspathic alteration unit defined by patchy sillimanite porphyroblasts and abundant muscovite throughout; blotchy pegamtitic quartzofeldspathic melt patches in places and occasional potassic alteration bands; occasional bands of FGS that have not been broken out because they simply reflect areas alteration worked around and still possess heightened muscovite compared to typical FGS intervals; FGS bands are strongly siliceous with only minor fine-grained biotite; intermittent quartz and quartzofledspathic veins separated in relevant tabs	C67080	1407	1408	1	0.163	AGAT_FAICP		
			C67081	1408	1409.03	1.03	0.432	AGAT_FAICP		
			C67082	1409.03	1410	0.97	0.259	AGAT_FAICP		
			C67083	1410	1411.3	1.3	0.349	AGAT_FAICP		
			C67084	1411.3	1412.5	1.2	0.804	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67085	1412.5	1413.5	1	1.62	AGAT_FAICP		
			C67087	1413.5	1413.8	0.3	0.16	AGAT_FAICP		
			C67088	1413.8	1414.33	0.53	0.223	AGAT_FAICP		
			C67089	1414.33	1415.39	1.06	1.32	AGAT_FAICP		
			C67090	1415.39	1415.69	0.3	0.187	AGAT_FAICP		
			C67091	1415.69	1417	1.31	0.586	AGAT_FAICP		
			C67093	1417	1417.51	0.51	0.08	AGAT_FAICP		
			C67094	1417.51	1417.81	0.3	0.153	AGAT_FAICP		
			C67095	1417.81	1418.55	0.74	0.153	AGAT_FAICP		
			C67096	1418.55	1419.7	1.15	0.164	AGAT_FAICP		
			C67097	1419.7	1420.4	0.7	0.06	AGAT_FAICP		
			C67099	1420.4	1421.19	0.79	0.04	AGAT_FAICP		
1421.19	**1421.57**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** fine-grained grey and green quartz-feldspar-amphibole unit defined by moderate abundant of fine quartz phenocrysts; sharp contacts	C67100	1421.19	1421.57	0.38	0.015	AGAT_FAICP		
1421.57	**1422.63**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained pink and grey quartz-feldspar-biotite unit with potassic and lesser associated sericitic alteration envelopes on quartz-carbonate veinlets	C67101	1421.57	1422.63	1.06	0.014	AGAT_FAICP		
1422.63	**1424.04**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** very fine to fine-grained dull green and grey biotite-bearing quartz-feldspar-amphibole unit with small whitish feldspar phenocrysts; sericitized and chloritized sharp contacts as well as the occasional quartz-carbonate veinlet with a potassic-sericitic-chloritic alteration envelope	C67102	1422.63	1423.4	0.77	0.025	AGAT_FAICP		
			C67103	1423.4	1424.04	0.64	0.025	AGAT_FAICP		
1424.04	**1424.48**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained light grey quartzofeldspathic unit with no defined foliation and disseminated biotite	C67104	1424.04	1424.48	0.44	0.117	AGAT_FAICP		
1424.48	**1425.76**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained dark grey and green unit with intermittent hairline quartz-carbonate veinlets boasting potassic and lesser sericitic-chloritic alteration haloes; weakly	C67105	1424.48	1425	0.52	0.033	AGAT_FAICP		
			C67107	1425	1425.76	0.76	0.021	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz-porphyritic defining characteristic alongside roughly equal proportions of biotite and amphibole								
1425.76	**1428.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained light grey variably siliceous quartz-feldspar-biotite with section of diffuse banding characterized by varying biotite content and occasional quartz veins	C67108	1425.76	1426.79	1.03	0.282	AGAT_FAICP		
			C67109	1426.79	1428	1.21	0.551	AGAT_FAICP		
			C67110	1428	1428.5	0.5	0.454	AGAT_FAICP		
1428.50	**1429.21**	**(DIO) Diorite, (DIOAM) Diorite with amphibole** fine-grained green and grey quartz-feldspar groundmass with abundant disseminated amphibole and biotite; dirty little greyish quartz and feldspar phenocrysts disseminated throughout; chlorite-sericite alteration bands in places	C67111	1428.5	1429.21	0.71	0.045	AGAT_FAICP		
1429.21	**1437.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** moderately-foliated grey medium to coarse-grained quartz-feldspar-biotite unit with abundant alteration-enveloped quartz-carbonate veinlets and coarse sections of silicified and melted wallrock; patchy lenses of chlorite alteration in spots as well as areas of leucosomatic melt near incorporated amphibole crystallization	C67113	1429.21	1430	0.79	0.48	AGAT_FAICP		
			C67114	1430	1430.92	0.92	0.162	AGAT_FAICP		
			C67115	1430.92	1431.28	0.36	0.15	AGAT_FAICP		
			C67116	1431.28	1432	0.72	0.169	AGAT_FAICP		
			C67117	1432	1433	1	0.23	AGAT_FAICP		
			C67119	1433	1434	1	0.28	AGAT_FAICP		
			C67120	1434	1435.27	1.27	0.096	AGAT_FAICP		
			C67121	1435.27	1436	0.73	0.116	AGAT_FAICP		
			C67122	1436	1437.4	1.4	0.521	AGAT_FAICP		
1437.40	**1439.20**	**(DIA) Diabase Dike, ( )** very fine-grained massive intrusive diabase dyke with knife-sharp contacts and sparse patchy carbonate phenocrysts; lower contact has faint diffuse sericitic alteration	C67123	1437.4	1438.5	1.1	0.004	AGAT_FAICP		
			C67124	1438.5	1439.2	0.7	0.209	AGAT_FAICP		
1439.20	**1445.64**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey and green quartz-feldspar-biotite unit with intermittent quartz-carbonate veinlets hosting potassic and sericitic alteration envelopes; sections of unit have strong green pervasive chlorite alteration; siliceous melting and potassic-chloritic alteration of unit from 1445 to 1445.64 m depth proximal to diabase contact	C67125	1439.2	1440	0.8	0.058	AGAT_FAICP		
			C67127	1440	1441.3	1.3	0.214	AGAT_FAICP		
			C67128	1441.3	1442	0.7	0.148	AGAT_FAICP		
			C67129	1442	1443	1	0.023	AGAT_FAICP		
			C67130	1443	1444	1	0.064	AGAT_FAICP		
			C67131	1444	1444.8	0.8	0.043	AGAT_FAICP		
			C67133	1444.8	1445.64	0.84	0.343	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1445.64	**1449.96**	**(DIA) Diabase Dike, ( )**	C67134	1445.64	1447	1.36	0.034	AGAT_FAICP		
very fine to fine-grained massive grey and black diabase intrusion with disseminated whitish-grey carbonate grains throughout; sharp sericite-chlorite altered contacts with small contact stockwork zone of hairline quartz-carbonate veinlets			C67135	1447	1448	1	0.005	AGAT_FAICP		
			C67136	1448	1449	1	0.003	AGAT_FAICP		
			C67137	1449	1449.96	0.96	0.056	AGAT_FAICP		
1449.96	**1453.04**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C67139	1449.96	1450.5	0.54	0.867	AGAT_FAICP		
medium to coarse-grained grey and black almandine-porphyroblastic banded unit; intense patch of sericitic-potassic alteration around 1451.6 m depth; occasional quartz veinlets and boudins beginning to appear; potassic alteration at upper contact with diabase dyke and one or two small fine-grained amphibole-rich bands			C67140	1450.5	1451	0.5	29	AGAT_FAGRA		
			C67141	1451	1451.4	0.4	0.957	AGAT_FAICP		
			C67142	1451.4	1452.1	0.7	0.399	AGAT_FAICP		
			C67143	1452.1	1452.45	0.35	0.135	AGAT_FAICP		
			C67144	1452.45	1453.04	0.59	0.073	AGAT_FAICP		
1453.04	**1463.03**	**(DIA) Diabase Dike, ( )**	C67145	1453.04	1454	0.96	0.012	AGAT_FAICP		
very fine to fine-grained massive intrusive diabase dyke with intermittent thin carbonate stringers and two fault zones with core grind and mud; knife-sharp unaltered wavy contacts			C67147	1454	1455.5	1.5	0.002	AGAT_FAICP		
			C67148	1455.5	1457	1.5	0.002	AGAT_FAICP		
			C67149	1457	1458.5	1.5	0.001	AGAT_FAICP		
			C67150	1458.5	1460	1.5	0.002	AGAT_FAICP		
			C67151	1460	1461.5	1.5	0.003	AGAT_FAICP		
			C67153	1461.5	1462	0.5	0.002	AGAT_FAICP		
			C67154	1462	1463.03	1.03	0.072	AGAT_FAICP		
1463.03	**1467.22**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C67155	1463.03	1463.5	0.47	2.88	AGAT_FAICP		
medium to coarse-grained grey and black banded unit with apparent moderate to high strain; alternating wallrock bands and pervasive grey quartz veins and veinlets; larger veins broken out in relevant tabs; intense potassic and sericitic alteration patches around 1464 m and 1467 m depths; some boudinage although unmeasurable in this case is present in quartz-flooded GBFG			C67156	1463.5	1463.88	0.38	0.726	AGAT_FAICP		
			C67157	1463.88	1464.2	0.32	1.5	AGAT_FAICP		
			C67159	1464.2	1464.6	0.4	3.86	AGAT_FAICP		
			C67160	1464.6	1465	0.4	4.92	AGAT_FAICP		
			C67161	1465	1465.34	0.34	3.84	AGAT_FAICP		
			C67162	1465.34	1465.83	0.49	0.727	AGAT_FAICP		
			C67163	1465.83	1466.4	0.57	1.6	AGAT_FAICP		
			C67164	1466.4	1467.22	0.82	6.6	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1467.22	**1469.76**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and grey intermediate amphibolite; sections of fine-grained foliated amphibolite and an extensive partial melt zone of leucosomatic material in quartz melt patches and very coarse cm-scale amphibole grains or fragments; very coarse sulphide in one area and disseminated sulphides throughout unit; occasiona quartz-carbonate veinlets with sericitc and potassic envelopes	C67165	1467.22	1468	0.78	1.87	AGAT_FAICP		
			C67167	1468	1468.37	0.37	1.33	AGAT_FAICP		
			C67168	1468.37	1469	0.63	0.92	AGAT_FAICP		
			C67169	1469	1469.76	0.76	0.991	AGAT_FAICP		
1469.76	**1470.86**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** medium to coarse-grained relatively unaltered foliated GBFG with minimal veining and less strain than prior interval; sparse almandine porphyroblasts dispersed throughout	C67170	1469.76	1470.86	1.1	4.64	AGAT_FAICP		
1470.86	**1471.54**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green and grey weakly-foliated intermediate amphibolite band with defined mineral stretching lineation in elongated amphibole crystals	C67171	1470.86	1471.54	0.68	0.227	AGAT_FAICP		
1471.54	**1475.13**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** medium to coarse-grained grey and black GBFG with abundant coarse almandine porphyroblasts and weak banding pattern as a result of wide intense sericitic-potassic alteration bands; one or two small quartz veinlets but minimal veining or strain compared to previous intervals	C67173	1471.54	1471.85	0.31	1.42	AGAT_FAICP		
			C67174	1471.85	1472.2	0.35	0.801	AGAT_FAICP		
			C67175	1472.2	1473	0.8	7.31	AGAT_FAGRA		
			C67176	1473	1474	1	3.57	AGAT_FAICP		
			C67177	1474	1474.68	0.68	1.56	AGAT_FAICP		
			C67179	1474.68	1475.13	0.45	0.417	AGAT_FAICP		
1475.13	**1475.75**	**(QFP) Quartz Feldspar Porphyry, ( )** Grey QFP hosting 20% subang fspr porphs; <5mm. Well developed fine foliation. Minor very fine dissem Po. 15cm intensely altered segment proximal to lower contact; K-Ser assemblage partially overprints texture.	C67180	1475.13	1475.75	0.62	1.23	AGAT_FAICP		
1475.75	**1476.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grey FGS. Very fine dissem biot; <5%. Minor very fine dissem Po. Gradational contacts with surrounding lithos. Minor GBFG and qz vein proximal to upper contact. GBFG segment hosts significant foliation controlled Po stringers.	C67181	1475.75	1476.12	0.37	2.3	AGAT_FAICP		
			C67182	1476.12	1476.5	0.38	0.501	AGAT_FAICP		
1476.50	**1479.81**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Well foliated GBFG hosting 30% fine to very fine whit fspr porphs (anhedral; dissem; <2mm). Minor v fine dissem Po. No significant alteration. 15% coarse garnet; subhedral; organized into cm scale bands. 30% fine biot; alignment imparts foliation.	C67183	1476.5	1477	0.5	1.52	AGAT_FAICP		
			C67184	1477	1477.5	0.5	0.662	AGAT_FAICP		
			C67185	1477.5	1478	0.5	0.3	AGAT_FAICP		
			C67187	1478	1478.5	0.5	0.898	AGAT_FAICP		
			C67188	1478.5	1479	0.5	5.92	AGAT_FAGRA		
			C67189	1479	1479.5	0.5	5.38	AGAT_FAGRA		
			C67190	1479.5	1479.81	0.31	11.4	AGAT_FAGR		
1479.81	**1480.14**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C67191	1479.81	1480.14	0.33	12.4	AGAT_FAGRA	Yes	Single VG sighting; <1mm; isolated.
		Pasted from Tyler C. veining tab: Qz flooded segment; diffuse margins. Qz is milky mottled grey. Weak relict foliation; hosts minor fine Po. VG! 1 sighting; <1mm. Minor remants of AMP. William G. comments (20190814): a second VG speck (0.4mm thick) spotted; some tigth F1 folds affecting Bt-rich levels; AP1 // S1. Pervasive silica flooding seems to affect MAM rather than GBFG.								
1480.14	**1481.77**	**(MAM) Mottled Amphibolite, ( )**	C67193	1480.14	1480.6	0.46	4.02	AGAT_FAICP		
		Mottled pale grey-green. Strongly silicified. Minor dissem biot; ~5%; <2mm. Occasional healed microfracs with hematitic cement. Strong chloritic alteration proximal to lower contact. Trace dissem Py.	C67194	1480.6	1481	0.4	0.143	AGAT_FAICP		
			C67195	1481	1481.4	0.4	0.074	AGAT_FAICP		
			C67196	1481.4	1481.77	0.37	0.46	AGAT_FAICP		
1481.77	**1482.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C67197	1481.77	1482.25	0.48	1.14	AGAT_FAICP		
		Well foliated fine grained AMP. Grades into MAM downhole. Trace very fine dissem Po.								
1482.25	**1486.33**	**(MAM) Mottled Amphibolite, ( )**	C67199	1482.25	1483	0.75	0.704	AGAT_FAICP		
		Interbedded quarzose and AMP-rich lithons; diffuse margins. Compositional banding imparts strong foliation. Minor Po: locally very coarse and clotty; assoc with coarse biot porphs. Weak patchy pale pink K-Ser alteration. AMP-rich lithons comprise coarse clotty biot-amp.	C67200	1483	1483.65	0.65	0.303	AGAT_FAICP		
			C67201	1483.65	1484.15	0.5	0.251	AGAT_FAICP		
			C67202	1484.15	1485	0.85	0.828	AGAT_FAICP		
			C67203	1485	1485.77	0.77	0.276	AGAT_FAICP		
			C67204	1485.77	1486.33	0.56	0.704	AGAT_FAICP		
1486.33	**1488.83**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C67205	1486.33	1487	0.67	0.792	AGAT_FAICP		
			C67207	1487	1488	1	0.149	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
As described in 1481.77-1482.25m			C67208	1488	1488.83	0.83	0.35	AGAT_FAICP		
1488.83	**1491.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Very fine; nearly aphanitic. Strongly silicified. Diffuse pink K-Ser alteration throughout; intensifies proximal to lower contact. 2% qz veining present as cm scale concordant veins with significant feldspathic assimilation from host. Very fine dissem Py throughout.	C67209	1488.83	1489.5	0.67	0.806	AGAT_FAICP		
			C67210	1489.5	1490.15	0.65	0.812	AGAT_FAICP		
			C67211	1490.15	1490.55	0.4	0.587	AGAT_FAICP		
			C67213	1490.55	1491	0.45	0.401	AGAT_FAICP		
			C67214	1491	1491.75	0.75	0.216	AGAT_FAICP		
1491.75	**1493.83**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to aphanitic. Intensely altered throughout; pale yellow-green; Ser-Chl. No visible sulfs. Brecciated throughout; variably healed with chl-carb cement. Interval comprises minor ~15cm fault zone; cm scale ang frags with remnant chloritic clay gouge.	C67215	1491.75	1492.5	0.75	0.009	AGAT_FAICP		
			C67216	1492.5	1492.85	0.35	0.013	AGAT_FAICP		
			C67217	1492.85	1493.83	0.98	0.03	AGAT_FAICP		
1493.83	**1494.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As described in 1488.83-1491.75m. Intensely altered; pink Ser-K. Competent; healed breccia. No significant sulfs.	C67219	1493.83	1494.65	0.82	0.193	AGAT_FAICP		
1494.65	**1495.67**	**(MAM) Mottled Amphibolite, ( )**	C67220	1494.65	1495	0.35	0.305	AGAT_FAICP		
As described in 1482.25-1486.33m.			C67221	1495	1495.67	0.67	0.435	AGAT_FAICP		
1495.67	**1500.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** As described in 1486.33-1488.83m	C67222	1495.67	1496.3	0.63	0.584	AGAT_FAICP		
			C67223	1496.3	1497	0.7	0.138	AGAT_FAICP		
			C67224	1497	1498	1	0.199	AGAT_FAICP		
			C67225	1498	1499	1	0.461	AGAT_FAICP		
			C67227	1499	1500	1	0.231	AGAT_FAICP		
			C67228	1500	1500.3	0.3	0.501	AGAT_FAICP		
1500.20	**1503.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone** Fine grey FGS with ~15% biot present as fine dissem xls; <1mm. Varying silicification resulting in dm scale light grey patches. Alignment of biot imparts foliation. 1-2% veining comprising mostly minor concordant veins <3cm; typically deformed and barren.	C67229	1500.3	1501	0.7	0.176	AGAT_FAICP		
			C67230	1501	1502	1	0.738	AGAT_FAICP		
			C67231	1502	1502.5	0.5	1.39	AGAT_FAICP		
			C67233	1502.5	1503	0.5	1.61	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67234	1503	1503.7	0.7	0.54	AGAT_FAICP		
1503.70	**1506.12**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Dark grey-green AMP with up to 0.5% very fine dissem Po-Py. Elevated sulf content relative to FGS. Occ minor sulf clots assoc with fine quarzose banding (relict veining?). Intermediate composition; 60-70% combined biot-amp; 30% plag. No significant alteration.	C67235	1503.7	1504.35	0.65	0.24	AGAT_FAICP		
			C67236	1504.35	1505	0.65	0.181	AGAT_FAICP		
			C67237	1505	1505.3	0.3	0.102	AGAT_FAICP		
			C67239	1505.3	1506.12	0.82	0.179	AGAT_FAICP		
1506.12	**1522.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** As described in 1500.2-1503.7m but with elevated qz vein content. ~5% veining: mostly cm to dm scale; strongly deformed; discordant; hosts minor clotty Py. Veining hosts distinctive alteration: dull yellow alteration selectively altering fspr and biot (Ser?); green alteration appears mostly frac controlled and occasionally selectively alters fspr.	C67240	1506.12	1507	0.88	0.038	AGAT_FAICP		
			C67241	1507	1507.5	0.5	0.474	AGAT_FAICP		
			C67242	1507.5	1508	0.5	0.095	AGAT_FAICP		
			C67243	1508	1509	1	0.03	AGAT_FAICP		
			C67244	1509	1509.4	0.4	0.017	AGAT_FAICP		
			C67245	1509.4	1510	0.6	0.014	AGAT_FAICP		
			C67247	1510	1510.5	0.5	0.008	AGAT_FAICP		
			C67248	1510.5	1510.85	0.35	0.014	AGAT_FAICP		
			C67249	1510.85	1511.5	0.65	0.01	AGAT_FAICP		
			C67250	1511.5	1512	0.5	0.014	AGAT_FAICP		
			C67251	1512	1512.5	0.5	0.115	AGAT_FAICP		
			C67253	1512.5	1513	0.5	0.029	AGAT_FAICP		
			C67254	1513	1514	1	0.012	AGAT_FAICP		
			C67255	1514	1514.85	0.85	0.01	AGAT_FAICP		
			C67256	1514.85	1515.45	0.6	0.005	AGAT_FAICP		
			C67257	1515.45	1516	0.55	0.005	AGAT_FAICP		
			C67259	1516	1517	1	0.016	AGAT_FAICP		
			C67260	1517	1518	1	0.015	AGAT_FAICP		
			C67261	1518	1518.4	0.4	0.024	AGAT_FAICP		
			C67262	1518.4	1519	0.6	0.015	AGAT_FAICP		
			C67263	1519	1519.5	0.5	0.018	AGAT_FAICP		
			C67264	1519.5	1520	0.5	0.034	AGAT_FAICP		
			C67265	1520	1521	1	0.171	AGAT_FAICP		
			C67267	1521	1522	1	0.019	AGAT_FAICP		
			C67268	1522	1522.35	0.35	0.008	AGAT_FAICP		
1522.35	**1524.60**	**(MAM) Mottled Amphibolite, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Banded MAM characterized by prominent cm scale compositional bands: quarzose bands hosting coarse amp porphs intercalated with fine grained amp dominated domains. Overall ~50% combined biot-amp abundance. Trace fine dissem Po-Py. No visible alteration other than silicification.	C67269	1522.35	1523	0.65	0.012	AGAT_FAICP		
			C67270	1523	1524	1	0.018	AGAT_FAICP		
			C67271	1524	1524.6	0.6	0.025	AGAT_FAICP		
1524.60	**1536.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone**	C67273	1524.6	1525	0.4	0.016	AGAT_FAICP		
		Well foliated FGS characterized by elevated biot-amp abundance relative to previous FGS interval. Combined biot-amp abundance: 30%; fine to coarse dissem porphs; alignment imparts strong fine foliation. Litho also distinguished by 10-15% dissem fspr porphs; mm scale <5mm; exhibits mild stretching. ~3% veining present as cm scale foliation concordant qz-cpx-biot veins and as amorphous discordant patches; veining often hosts distinctive yelllow alteration (foliation aligned; hard; lath shaped). Overall moderately silicified. Trace Po-Py in litho and veins.	C67274	1525	1526	1	0.021	AGAT_FAICP		
			C67275	1526	1527	1	0.011	AGAT_FAICP		
			C67276	1527	1527.6	0.6	0.023	AGAT_FAICP		
			C67277	1527.6	1528	0.4	0.002	AGAT_FAICP		
			C67279	1528	1529	1	0.005	AGAT_FAICP		
			C67280	1529	1529.5	0.5	0.004	AGAT_FAICP		
			C67281	1529.5	1530.15	0.65	0.003	AGAT_FAICP		
			C67282	1530.15	1530.65	0.5	0.003	AGAT_FAICP		
			C67283	1530.65	1531.35	0.7	0.007	AGAT_FAICP		
			C67284	1531.35	1532	0.65	0.006	AGAT_FAICP		
			C67285	1532	1533	1	0.003	AGAT_FAICP		
			C67287	1533	1534	1	0.003	AGAT_FAICP		
			C67288	1534	1534.5	0.5	0.007	AGAT_FAICP		
			C67289	1534.5	1535.1	0.6	0.004	AGAT_FAICP		
			C67290	1535.1	1535.7	0.6	0.002	AGAT_FAICP		
			C67291	1535.7	1536.35	0.65	0.008	AGAT_FAICP		
1536.35	**1536.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C67293	1536.35	1536.9	0.55	0.0005	AGAT_FAICP		
		Pegmatitic; cm scale xls. 60% mottled grey-white qz. 40% subhedral grey fspr. No vis sulfs. Trace blebby FeCb. Minor coarse biot porphs; <2cm								
1536.90	**1538.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone**	C67294	1536.9	1537.35	0.45	0.006	AGAT_FAICP		
		Continuity of FGS-Amp 1524.6-1536.34m.	C67295	1537.35	1538	0.65	0.002	AGAT_FAICP		
			C67296	1538	1538.9	0.9	0.002	AGAT_FAICP		
1538.95	**1539.80**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	C67297	1538.9	1539.5	0.6	0.014	AGAT_FAICP		
		Similar to 1536.35-1536.9m; PEG-QG is light grey and white; massive; weakly blocky	C67299	1539.5	1539.8	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
(mechanical breaks); cg-vcg; tr. Bo+Amp+possible cpx+ red hematite blebs.										
1539.80	**1540.20**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** Small FGS level between two PEG veins. FGS is Bt-Amp-rich; mod. to strongly foliated; with 20% of thin QzFp veinlets folded along with S1. Weak mustard yellow Ser-alteration.	C67300	1539.8	1540.2	0.4	0.002	AGAT_FAICP		
1540.20	**1540.60**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Small PEG-QG similar to two veins above. PEG-QG is light grey and white; massive; weakly blocky (mechanical breaks); cg-vcg; tr. Bo+Amp+possible cpx+ red hematite blebs. 10% FGS sleevers.	C67301	1540.2	1540.6	0.4	0.001	AGAT_FAICP		
1540.60	**1547.78**	**(FGS) Felsic Gneiss Sedimentary, ( )** Typical FGS-FW unit; probably felsic to intermediate tuff. Mostly medium to dark grey; often greenish (levels with up to 15% Amp porphyroclasts); slightly banded (compositional layering); 5-10% Bt // S1; moderately to strongly foliated; fg-mg; fg levels show typical depletion textures (mg Amp in white haloes) reminding MAM texture. Common thin Qz+/-Fp veinlets // S1 (locally boudinaged); local QzFp tension gash opened obliquely to S1. Some Amp-rich masses/clots (lapilli tuff?). Local mustard yellow Ser-alteration.	C67302	1540.6	1541.1	0.5	0.002	AGAT_FAICP		
			C67303	1541.1	1541.65	0.55	0.008	AGAT_FAICP		
			C67304	1541.65	1542.65	1	0.006	AGAT_FAICP		
			C67305	1542.65	1543.65	1	0.004	AGAT_FAICP		
			C67307	1543.65	1544.4	0.75	0.002	AGAT_FAICP		
			C67308	1544.4	1544.7	0.3	0.002	AGAT_FAICP		
			C67309	1544.7	1545.7	1	0.002	AGAT_FAICP		
			C67310	1545.7	1546.7	1	0.003	AGAT_FAICP		
			C67311	1546.7	1547.7	1	0.005	AGAT_FAICP		
1547.78	**1548.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS within FGS-Amp FW sequence. FGS is light-medium grey; mostly mg; moderately foliated; contacts // S1.	C67313	1547.7	1548.1	0.4	0.005	AGAT_FAICP		
1548.00	**1549.05**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS-Amp-FW unit uphole; most likely a felsic to intermediate tuff.	C67314	1548.1	1549.05	0.95	0.002	AGAT_FAICP		
1549.05	**1549.88**	**(FGS) Felsic Gneiss Sedimentary, ( )** Same as 1547.78-1548.06m; FGS is light-medium grey; mostly mg; moderately foliated; contacts // S1.	C67315	1549.05	1549.88	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
1549.88	**1558.14**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS-Amp-FW sequence uphole; probably felsic to intermediate tuff. Common thick QzFp veinlets // S1; locally tightly F1-folded (AP1//S1). Mostly medium to dark grey; greenish (levels with up to 15% Amp porphyroclasts); some light green (Cpx?) clots; 5-10% Bt // S1; moderately to strongly foliated; fg-mg. Local thin altered LAMP dykelet.	C67316	1549.88	1550.88	1	0.003	AGAT_FAICP		
			C67317	1550.88	1551.88	1	0.006	AGAT_FAICP		
			C67319	1551.88	1552.88	1	0.003	AGAT_FAICP		
			C67320	1552.88	1553.88	1	0.004	AGAT_FAICP		
			C67321	1553.88	1554.88	1	0.004	AGAT_FAICP		
			C67322	1554.88	1555.88	1	0.004	AGAT_FAICP		
			C67323	1555.88	1556.88	1	0.005	AGAT_FAICP		
			C67324	1556.88	1558.14	1.26	0.005	AGAT_FAICP		
1558.14	**1563.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** Logged as FGS but more likely a fg felsic tuff with some Amp-rich levels (bimodal volcanism?); typical of FW "FGS" from deposit. Finer grained than FGS-Amp above. FGS is dark grey; slightly purple (vfg Bt); weakly to moderately foliated; moderately banded (compositional layering); some thin green Amp-rich bands and clots; some QzFpAmp veinlets // S1. Local Ser-altered haloes around late Qz veinlets.	C67325	1558.14	1559.14	1	0.021	AGAT_FAICP		
			C67327	1559.14	1560.14	1	0.018	AGAT_FAICP		
			C67328	1560.14	1560.95	0.81	0.018	AGAT_FAICP		
			C67329	1560.95	1561.6	0.65	0.018	AGAT_FAICP		
			C67330	1561.6	1562.5	0.9	0.018	AGAT_FAICP		
			C67331	1562.5	1563.24	0.74	0.004	AGAT_FAICP		
1563.24	**1563.75**	**(AMP) Amphibolite, ( )** Small AMP level as part of the banded FGS (tuffaceous) unit. Larger equivalent of small AMP bands within the FGS.	C67333	1563.24	1563.75	0.51	0.008	AGAT_FAICP		
1563.75	**1567.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS from 1558.14m and down. More likely a fg felsic tuff with some Amp-rich levels (bimodal volcanism?)); typical of FW "FGS" from deposit. Finer grained than FGS-Amp above. FGS is dark grey; slightly purple (vfg Bt); weakly to moderately foliated; moderately banded (compositional layering); some thin green Amp-rich bands and clots; some bands with typical depletion textures. Some QzFpAmp veinlets // S1. Local Ser-altered haloes around late Qz veinlets.	C67334	1563.75	1564.75	1	0.012	AGAT_FAICP		
			C67335	1564.75	1565.75	1	0.012	AGAT_FAICP		
			C67336	1565.75	1566.75	1	0.072	AGAT_FAICP		
			C67337	1566.75	1567.7	0.95	0.01	AGAT_FAICP		
1567.70	**1568.00**	**(AMP) Amphibolite, ( )** Second small AMP level highlighted within the FGS (felsic tuff) unit. Similar to 1563.24-1564.75m.	C67339	1567.7	1568	0.3	0.005	AGAT_FAICP		
1568.00	**1572.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS from 1558.14m and down. More likely a fg felsic tuff with some Amp-rich levels (bimodal volcanism?)); typical of FW "FGS" from deposit. Finer grained than	C67340	1568	1569	1	0.023	AGAT_FAICP		
			C67341	1569	1570	1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
FGS-Amp above. FGS is dark grey; slightly purple (vfg Bt); weakly to moderately foliated; moderately banded (compositional layering); some thin green Amp-rich bands and clots; some bands with typical depletion textures. Some QzFpAmp veinlets // S1. Local Ser-altered haloes around late Qz veinlets. EOH=1572m.			C67342	1570	1571	1	0.009	AGAT_FAICP		
			C67343	1571	1572	1	0.005	AGAT_FAICP		EOH

Newmont

Geological Description with Assays

Hole ID : **BL19-01090**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	155.06	Easting :	334237.99	Logged By :	Alex.Jibb
Dip :	-76.34	Northing :	5303848.89	Logged By 2 :	Brad.Clarke
Length :	717	Elevation :	440.603	Log Start :	19-Aug-2019
Drill Start :	15-Aug-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	30-Aug-2019
Drill Completed :	27-Aug-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments : Fully oriented (TruCore); hexagonal stabilization; water return lost at about 35m so after two good Gyro tests the casing was extended to 51m in competent rock (checked by runner). Unexpected deviation in parent hole led to attempt to install on August 27 2019 of wedge and plug at 699m to hit target. Steel wedge (2deg) with roll of 315deg. Difficulty to drill further than 1m past wedge and bullnose and reaming shell became stuck. Retrieval attempts were unsuccessful. Another wedging attempt on August 28 2019 wedge and plug set at 607m. Steel edge (2deg) with roll of 350. 1090 remains open from 607-699m and 699-717m; Alex logged from 0 m to 144.7 m depth; Brad logged from 144.7 m to 576.72 m depth; Colt logged from 576.72 m to 717 m depth; hole geology is typical of drillholes fishing far out into the thick sedimentary package distant to the deeper footwall rocks; intercalated FGS and congloemrate throughout first 500 metres followed by continued FGS intervals and pegmatitic fluid kickup; minimal mineralization but appearance of muscovite from 650 m down; sparse quartz boudins and GBFG unit beginning at EOH; last 20 metres of hole logged to catch a silicified amphibolite and small GBFG interval with minimal silicification just in case; hole ended prematurely due to drift from intended trace so potential mineralized interval will be captured in the wedge off 607 m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**34.00**	**(OB) Overburden, ( )**								
Casing to 34.0m - DDH lost H2O return at 54m - casing redrilled to __m										
34.00	**47.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Grey to greenish-grey; fcg; weak-moderately silicified with minor patchy SER and POT alt with dominant texture appearing as halos around mm-scale QZ-CB stringers/frac-fill; POR texture well-developed defined by subrounded to rounded subhedral QZ and PF phenocrysts 0.1-0.6mm in diameter; no lines on core due to poor RQD and recovery; mod-strong foliation defined by variable amount of background amphibole and 8-10% fmg BIO measured lclly at 60dtca; few cm-scale milky-white to opaque QZV/QV2 stringers/veinlets concordant with foliation; lower contact poorly defined occuring across broken/rubbly core								
47.40	**47.87**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Dark grey; vffg; few stockwork-like QZ-FSP stringers cut unit; lower contact poorly defined occuring across broken/rubbly (poor RQD) core; lower contact sharp measured at a60 (no lines on core; not oriented)										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

47.87 51.27 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; fcg; moderately silicified; trace patchy POT alt lclly; POR texture poorly developed with anhedral to subhedral angular to subrounded 0.1-1cm in diameter; mod-strong foliated measured at ~60dtca (not oriented); one small UMD-LAMPD from 50.82-50.86m with upper and lower a45dtca; sharp lower contact at a50dtca; 1-2% fmg dissem to lclly vuggy EP mineralization; no sig sulphide min

51.27 55.31 (FGC) Felsic Gneiss Conglomerate, ( )

Dark grey to dark reddish-green; fcg to lclly vcg; moderate pervasive silicification and patchy/banded POT alt; weak SER alt halos around QZ-CB stringers/frac-fill; relatively mature conglomerate defined by stretching of clasts along foliation plane at 3:1 to 10:1 ratios; clast lithology comprised of KF and QZ with minor AMP; banding foliated at ~52dtca (no lines; unoriented measurement); variable background amphibole content throughout; one small lamp dyklet from 52.67-52.74m with upper cnct and lwr cnct a52dtca (no lines); sharp lower contact with FGS POR at ~60dtca

55.31 64.02 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; moderate-strong pervasive silicification and moderate patchy POT to strong patchy SER alteration lclly; POr texture moderately-strongly developed defined by subhedral subrounded 0.1-1cm QZ-PF phenocrysts in a 7-8% BIO and 4-5% AMP background; few QZV/QV2 veinlets cut unit concordant with moderately defined foliation at ~60dtca; no sig min; sharp lower contact with FGC at ~65dtca

64.02 89.70 (FGC) Felsic Gneiss Conglomerate, ( )

Grey/dark-grey to pinkish-grey; fcg; moderate-strong silica overprinting; strong banding defined by elongation of clasts parallel to moderately defined foliation plane at ~60dtca; patchy stockwork-like style of SER alteration/stringers/frac-fill; unit mature with clast sizes ranging from 3:1 to 10:1 aspect ratios and clast lithology composed of QZ-PF and lcl AMP; small UMD from 67.73-67.91m with upper contact alpha ~50dtca; variable concentrations of background amphibole throughout; no significant sulphide mineralization

89.70 95.55 (FGS) Felsic Gneiss Sedimentary, ( )

Dark grey to greenish-reddish-grey; fcg; moderately silicified with minor wispy/patchy SER alt; <10% RQD for whole interval; well-developed POR texture defined by subhedral subrounded 0.1-1cm QZ-FSP phenocrysts in a bio-rich matrix; moderate selective POT staining to texture defining phenocrysts; no significant mineralization; few cg QZ clasts entrained in matrix; lower contact sharp with UMD (no lines to get angles)

95.55 96.28 (UMD) UM\LAMP 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; low-angle inetersection to core axis defined by split core composed for FGS POR and UMD LAMP; no sig min; moderate POT alteration; sharp lower contact measured with unoriented a60dtca								
96.28	**123.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Dark grey to grey to reddish-grey; fcg; mod-strong pervasive silicification; weak-moderate wispy SER alt; patchy moderate POT alt and selective POT staining to texture-defining QZ-FSP phenocrysts; POR-texture resembles well-deeloped DIO-fabric with phenocrysts 0.1-1cm in diameter with subrounded to subhedral habit; one minor UMD cuts unit from 106.95-107.35m with upper cnct a38 and lwr cnct a40 (no lines on core); poor RQD intermittently throughout (see structure tab) defined by sections of broken/faulted core and rubble; no sig min; cg CPX lclly; inferred lower contact due to sharp increase in potassic alteration								
123.00	**138.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Red to pinkish-red to dark grey; fcg; strong to intense POT alteration to lclly replacing host FGS; mod-strong BRX texture pre- and proceeding clay-like gouge material from 123.33-123.43m defined by angular fine to very-coarse grained potassic altered FGS fragments randomly oriented/sorted; few spots with 0% RQD (FAF/FAU) at 127.30-128 and again from 128.36-128.85 and again from 135.44-136.5m; lower contact non-existant occuring oacross rubbly/FAF boundary; no sig min								
138.50	**143.28**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey-green to dark green to deep reddish-pink; fcg; moderately silicified; moderate SEL POT alt to texture-defining anhedral/subhedral to angular/subrounded 0.1-0.1cm QZ-FSP phenocrysts; poor RQD for whole of interval; variable background AMP content throughout with lcl intervals appearing similar to AMPIN; minor light green cg CPX lclly; no sig min; sharp lower contact with UMD								
143.28	**144.70**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke**								
		Split 80/20 interval composed of dark grey UMD and grey-red FGS; UMD fg; no sig min or alt; appears to be cutting a second earlier-timed UMD sub-parallel to core axis; minor host POR-textured FGS included in dyke; FGS fmg with moderate POT alt to included slivers; no sig min hosted in either unit; sharp lower contact								
144.70	**157.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey-green to red; fcg; moderate silicification; moderate patchy to weakly PER CL alt with variable background amphibole content ranging 2-10% lclly; fresh facs of core appearmore mafic than felsic but for consistency unit logged as POR-textured FGS with variably prominant DIO-like fabric; clotty-texture resultant from variably AMP and CL content with minor mcg BX to fractured light-green CPX; several cm-scale QZ-CB stringers/veinlets cut unit throughout generally concordant with weakly defined foliation (no lines on core);								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

157.00 170.80 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. No sulfides observed. Core is broken locally. Clast supported mostly with small sections of matrix supported. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. One small QV.

170.80 189.83 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated dark grey weaklyt porphyritic intermediate FGS. More mafic than typical hanging wall FGS. Small 2-3mm snowflak like white plag porphs pervasively. Numerous small white thin veinlets with and without K and chl alteration halos. No sulfdies. Moderately magnetic. Gradual upper and lower contacts. Core is broken locally. Several small QVs.

189.83 194.46 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. No sulfides observed. Core is broken locally. Clast supported mostly with small sections of matrix supported. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts.

194.46 200.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated dark grey weaklyt porphyritic intermediate FGS. More mafic than typical hanging wall FGS. Small 2-3mm snowflak like white plag porphs pervasively. Numerous small white thin veinlets with and without K and chl alteration halos. No sulfdies. Moderately magnetic. Gradual upper and lower contacts.

200.00 209.86 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. No sulfides observed. Core is broken locally. Clast supported mostly with small sections of matrix supported. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts.

209.86 212.65 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated dark grey weaklyt porphyritic intermediate FGS. More mafic than typical hanging wall FGS. Small 2-3mm snowflak like white plag porphs pervasively. Numerous small white thin veinlets with and without K and chl alteration halos. Minor fine diss Py. Moderately magnetic. Gradual upper and lower contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

212.65 215.00 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. No sulfides observed. Core is broken locally. Clast supported mostly with small sections of matrix supported. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts.

215.00 221.50 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated dark grey weaklyt porphyritic intermediate FGS. More mafic than typical hanging wall FGS. Small 2-3mm snowflak like white plag porphs pervasively. Numerous small white thin veinlets with and without K and chl alteration halos. Minor fine diss Py. Moderately magnetic. Gradual upper and lower contacts. Lower portion has dark grey fine grained magnetic LAMP dykes.

221.50 243.82 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. Clast supported mostly with small sections are matrix supported verging on a intermediate FGS similar to adjacent FGS units. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. One small section contains several small dark grey magnetic carb rich veinlet rich LAMPs.

243.82 244.80 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey intermediate FGS. More mafic than typical hanging wall FGS. Several small white thin veinlets with and without K and chl alteration halos. Trace fine diss Py. Moderately magnetic locally. Gradual upper and lower contacts. Small healed fractured section.

244.80 257.54 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. Clast supported mostly with small sections are matrix supported verging on a intermediate FGS similar to adjacent FGS units. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Trace sulfides.

257.54 261.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey intermediate FGS. More mafic than typical hanging wall FGS. Numerous small white thin veinlets with and without K and chl alteration halos. Trace fine diss Py. Moderately magnetic locally. Gradual upper and

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
lower contacts.										

261.00 261.60 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded white plag porphs throughout the biotite and amp rich matrix. Similar matrix to adjacent FGS and FGC. Trace fine diss Py. Short gradual upper and lower contacts. Weakly magnetic.

261.60 263.66 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey intermediate FGS. More mafic than typical hanging wall FGS. Several small white thin veinlets with and without K and chl alteration halos. Trace fine diss Py. Moderately magnetic locally. Gradual upper and lower contacts.

263.66 269.40 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. Clast supported mostly with small sections are matrix supported verging on a intermediate FGS similar to adjacent FGS units. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Trace sulfides.

269.40 274.33 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Few small white thin veinlets with and without K and chl alteration halos. Trace fine diss Py. Gradual upper and lower contacts. Weak melt texture observed locally. Minor Amp and Bio.

274.33 277.50 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. Clast supported mostly. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Trace sulfides. One small fractured section at 294.9m.

277.50 281.82 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey intermediate FGS. More mafic than typical hanging wall FGS. Several small white thin veinlets with and without K and chl alteration halos. Trace fine diss Py. Moderately magnetic. Gradual upper and lower contacts. One small healed fractured section at 280.9m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
281.82	**299.50**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
Fine to medium grained moderately foliated conglomeratic FGC. Amp rich matrix with mafic and felsic clasts. Clast supported mostly with small sections are matrix supported verging on a intermediate FGS similar to adjacent FGS units. Numerous small thin white veinlets with and without weak K chl alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Trace sulfides.										
299.50	**299.88**	**(QFP) Quartz Feldspar Porphyry, ( )**								
Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded white plag porphs throughout the biotite and amp rich matrix. Similar matrix to adjacent FGS and FGC. Trace fine diss Py. Short gradual upper and lower contacts. Non magnetic.										
299.88	**305.53**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to medium grained weakly to moderately foliated grey intermediate FGS. More mafic than typical hanging wall FGS. Several small white thin veinlets with and without K and chl alteration halos. Trace fine diss Py. Moderately magnetic. Gradual upper and lower contacts. One fractured section at 304.5m. Weakly plag porphs locally.										
305.53	**307.00**	**(QFP) Quartz Feldspar Porphyry, ( )**								
Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded white plag porphs throughout the biotite and amp rich matrix. Similar matrix to adjacent FGS and FGC. Trace fine diss Py. Short gradual upper contact. Low angle sharp LAMP lower contact. Non magnetic.										
307.00	**309.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Dark grey fine to medium grained massive magnetic xenolith rich LAMP dyke with low angle contacts and several white carb veins. Most xenoliths are rounded and white.										
309.20	**311.20**	**(QFP) Quartz Feldspar Porphyry, ( )**								
Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded white plag porphs throughout the biotite and amp rich matrix. Similar matrix to adjacent FGS and FGC. Trace fine diss Py. Short gradual upper and lower contacts. Non magnetic.										
311.20	**312.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Dark grey fine to medium grained massive magnetic xenolith rich LAMP dyke with low angle contacts and several white carb veins. Most xenoliths are rounded and white.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
312.00	**324.80**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded white plag porphs throughout the biotite and amp rich matrix. Similar matrix to adjacent FGS and FGC. Trace fine diss Py. Short gradual upper and lower contacts. Weakly magnetic locally. Plag porphs are poorly developed locally and resemble the more intermediate FGS observed further above in some places.								
324.80	**337.93**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally clasts are identifiable but mostly the unit looks banded. Could be a result of smaller clasts or possible sedimentary banding. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Trace sulfides.								
337.93	**338.81**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded white plag porphs throughout the biotite and amp rich matrix. Trace fine diss Py. Short gradual upper and lower contacts. Weakly magnetic locally. Plag porphs are altered pink throughout. Biotite rich matrix.								
338.81	**351.40**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally clasts are identifiable but mostly the unit looks banded. Could be a result of smaller clasts or possible sedimentary banding. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Short gradual upper and lower contacts. Minor fine diss Py.								
351.40	**359.50**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded white plag porphs throughout the biotite and amp rich matrix. Trace fine diss Py. Short gradual upper and lower contacts. Weakly magnetic locally. Plag porphs are altered light pink throughout. Biotite rich matrix.								
359.50	**373.02**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally clobble and pebble sized clasts are identifiable but mostly the unit looks banded. Could be a result of smaller clasts or possible sedimentary banding. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Short gradual upper and lower contacts. Minor fine diss Py. Few small QF veins.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

373.02 374.45 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly to moderately foliated grey weakly porphyritic FGS. Likely same as adjacent QFP units but porphs aren't well developed. Subrounded white 1-2mm plag porphs throughout the biotite and amp rich matrix. Trace fine diss Py. Short gradual upper and lower contacts. Weakly magnetic locally.

374.45 383.80 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally cobble and pebble sized clasts are identifiable but mostly the unit looks banded. Could be a result of smaller clasts or possible sedimentary banding. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Short gradual upper and lower contacts. Minor fine diss Py. One small QF parallel to foliation.

383.80 386.20 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly to moderately foliated grey and white QFP. Subrounded pink and white plag porphs throughout the biotite and amp rich matrix. Trace fine diss Py. Short sharp upper and lower contacts. Weakly magnetic locally. Plag porphs are altered light pink throughout. Biotite rich matrix.

386.20 393.85 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally cobble and pebble sized clasts are identifiable but mostly the unit looks banded. Could be a result of smaller clasts or possible sedimentary banding. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Sharp upper and lower contacts. Minor fine diss Py.

393.85 394.37 (AMP) Amphibolite, ( )

Fine grained moderately foliated green AMP. Sharp immediate upper and lower contacts. Several small white veinlets with no alteration halos. No sulfides. Non magnetic.

394.37 398.77 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. . Numerous small thin white veinlets with and without strong to intense pink and bleached alteration halos. Moderately magnetic throughout. Sharp upper contact. Short lower contact. Minor fine diss Py. QF vein along upper contact.

398.77 403.10 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Medium grained weakly foliated light grey weakly porphyritic FGS. Trace to nil sulfides. Few white veinlets with pink and red alteration halos. Minor biotite. Weakly developed plag porphs. Sharp upper and lower contacts.

403.10 404.75 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Minor fine diss Py. Locally clast terminations can be observed.

404.75 408.02 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly foliated porphyritic QFP. Coarse subrounded plag porphs within a felsic fine to medium grained qtz feldspar matrix with minor biotite. Gradual upper contact. Sharp immediate lower LAMP contact. Trace Py. Several white veinlets with weak alteration halos. Possibly porphyrtic FGS as the matrix is more felsic than previously described units. Small varriation in form and abundance of plag porphs. Red and pink altered LAMP contact.

408.02 408.31 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Light green altered non magnetic xenolith rich LAMP dyke. Sharp immediate contacts. Adjacent units have pink and red altered contacts. No sulfides. Minor brecciation along contacts. Carbonate chl alteration.

408.31 413.55 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly foliated porphyritic QFP. Coarse subrounded plag porphs within a felsic fine to medium grained qtz feldspar matrix with minor biotite. Gradual lower contact. Sharp immediate upper LAMP contact. Trace Py. Several white veinlets with weak alteration halos. Possibly porphyrtic FGS as the matrix is more felsic than previously described units. Small varriation in form and abundance of plag porphs. Red and pink altered LAMP contact. One small QF vein within the unit.

413.55 438.37 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally cobble and pebble sized clasts are identifiable but mostly the unit looks banded. Could be a result of smaller clasts or possible sedimentary banding. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Minor fine diss Py. Few unique clasts observed: qtz pebbles; coarse gabbro and diorite cobbles.

438.37 440.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey homogeneous FGS. Minor bio

and Amp. Short gradual upper and lower contacts. Trace to nill Py. Weakly magnetic locally.

440.00 444.85 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Numerous small thin white veinlets with and without weak alteration halos. Moderately magnetic throughout. Gradual upper contact. Minor fine diss Py. Lower contact is laminated QF vein.

444.85 445.07 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Small laminated QF vein with bands of biotite. No sulfides. Non magnetic.

445.07 460.85 (FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )

Medium to coarse grained weakly foliated weakly porphyritic light grey FGS. Minor medium grained euhedral biotite throughout. Medium to coarse qtz and feldspars make up most of the rock. Several white veinlets with weak to medium red and pink K alteration halos. Trace to nill Py. Several 10-15cm intermediate AMP units parallel to foliation are observed with sharp contacts. Epidote observed in AMP int units.

460.85 461.37 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Fine grained biotite rich grey FGS. No sulfides. Moderately magnetic. Equigranular.

461.37 467.24 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated weakly porphyritic light grey FGS. Minor medium grained euhedral biotite throughout. Medium to coarse qtz and feldspars make up most of the rock. Several white veinlets with weak to medium red and pink K alteration halos. Trace to nill Py. One intensely K altered section at 464.69m.

467.24 468.42 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately to weakly foliated grey FGS. Locally weak feldspar porphs. Minor bio and amp. Trace Py. Short gradual upper contact. Sharp immediate lower LAMP contact. Non magnetic. One small QF vein.

468.42 468.78 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained compositionally banded altered non magnetic xenolith rich LAMP dyke. Xenoliths are unevenly distributed resulting in compositionally banding. Sharp

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

immediate contacts. No sulfides.

468.78 469.40 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately to weakly foliated grey FGS. Locally weak feldspar porphs. Minor bio and amp. Trace Py. Sharp immediate lower and upper LAMP contacts. Non magnetic.

469.40 469.70 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained compositionally banded altered non magnetic xenolith rich LAMP dyke. Xenoliths are unevenly distributed resulting in compositionally banding. Sharp immediate contacts. No sulfides.

469.70 472.63 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately to weakly foliated grey FGS. Locally weak feldspar porphs. Minor bio and amp. Trace Py. Sharp immediate upper LAMP contact. Short lower contact. Trace fine diss Py. Non magnetic.

472.63 483.50 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coare grained weakly foliated weakly porphyritic grey FGS. Minor medium grained biotite. Medium to coarse qtz and feldspars. Weakly magnetic locally. Trace to nill Py. Few white veinlets with weak pink alteration halos.

483.50 484.49 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained weakly to moderately foliated grey and green intermediate AMP. Trace to nill sulfides. Non magnetic. Nearly equigranular. Sharp upper and lower contacts.

484.49 491.18 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coare grained weakly foliated weakly porphyritic grey FGS. Minor medium grained biotite. Amp locally. Medium to coarse qtz and feldspars. Weakly magnetic locally. Trace to nill Py. Few white veinlets with weak pink alteration halos. Short lower contact.

491.18 499.20 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally cobble and pebble sized clasts are observed. Few small thin white veinlets with and without weak bleached alteration halos. Moderately magnetic throughout. Gradual upper contact. Minor fine diss Py.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

499.20 500.44 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly foliated porphyritic QFP. Coarse subrounded plag porphs within a felsic fine to medium grained qtz feldspar matrix with minor biotite. Gradual lower and upper contacts. Trace Py. Several white veinlets with weak alteration halos.

500.44 501.00 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Few Qtz pebbles observed. Few small thin white veinlets with and without weak bleached alteration halos. Moderately magnetic throughout. Gradual upper contact. Minor fine diss Py.

501.00 503.97 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly foliated porphyritic QFP. Coarse subrounded plag porphs within a felsic fine to medium grained qtz feldspar matrix with minor biotite. Gradual lower and upper contacts. Trace to nil Py. One healed fractured section. Few QF veins. Small sections of interbedded FGC.

503.97 504.89 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Few small thin white veinlets with and without weak bleached alteration halos. Moderately magnetic throughout. Gradual upper and lower contacts. Minor fine diss Py.

504.89 506.80 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly foliated porphyritic QFP. Coarse subrounded plag porphs within a felsic fine to medium grained qtz feldspar matrix with minor biotite. Gradual lower contact. Very gradual and subtle lower contact. Trace to nil Py.

506.80 510.75 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated weakly porphyritic grey FGS. Minor Amp and biotite throughout. Feldspar porphs are coarse 2-5mm in size and subrounded. Trace py.

510.75 513.22 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained moderately foliated conglomeratic FGC. Intermediate matrix with mafic and felsic clasts. Locally cobble and pebble sized clasts are observed. Few small thin white veinlets with and without weak bleached alteration halos. Moderately magnetic

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

throughout. Gradual upper contact. Sharp lower contact. Minor fine diss Py.

513.22 513.58 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained weakly foliated weakly banded green intermediate AMP. No sulfides. Sharp upper and lower contacts. Several white veinlets with bleached alteration halos.

513.58 515.25 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated weakly porphyritic grey FGS. Minor Amp content within the matrix. Sharp upper contact. Gradual lower contact. Trace to nill py. Few white veinlets with no alteration halos.

515.25 516.04 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained weakly to moderately foliated weakly banded green intermediate AMP. Trace Py. Several whit eveinlets with weak bleached halos. White plag between Amp with minor bio.

516.04 519.10 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly to moderately foliated weakly porphyritic FGS. Minor Amp and bio. Subhedral plag porphs are poorly developed. Gradual lower contact. Sharp upper contact. Trace to nill py.

519.10 527.53 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly foliated porphyritic QFP. Coarse subrounded plag porphs within a felsic fine to medium grained qtz feldspar matrix with minor biotite. Sharp lower and upper contact. Trace to nil Py. Brecciated section with coarse cubic Py and carbonate fill at 523.25m. Many white qtz carb veinlets with weak to moderate pink and white alteration halos.

527.53 528.85 (FGC) Felsic Gneiss Conglomerate, ( )

Fine to medium grained weakly to moderately foliated grey banded conglomeratic FGC. Clast supported with intermediate bio and amp rich matrix. Moderately magnetic. Sharp upper and lower contacts. Trace py.

528.85 575.22 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated light grey FGS. Numerous and

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		variable white veinlets with pink and white alteration halos. Sharp upper and lower contact. Trace fine diss Py. Several QF and QVs. Weak pervasive pink alteration locally for several meters.								
575.22	**575.74**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive xenolith rich magnetic compositionally banded dark grey LAMP. Xenolith size and abundance varied resulting in compositional banding. Small altered green contacts. Sharp immediate contacts.								
575.74	**576.72**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained weakly to moderately foliated light grey FGS. Numerous and variable white veinlets with pink and white alteration halos. Sharp upper and lower contact. Trace fine diss Py.								
576.72	**577.21**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey intrusive granitic pegmatite composed of feldspar-dominant groundmass with lesser interstitial quartz								
577.21	**580.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained moderately-foliated quartz-feldspar-biotite unit with minor muscovite and banding defined by pink potassic background alteration preferentially highlighted in quartzofeldspathic sections								
580.10	**580.62**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey granitic pegmatite defined by jagged pink feldspar megacrysts and interstitial patches of quartz								
580.62	**581.00**	**(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 sparse flecks of muscovite and weak to moderate foliation; intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes								
581.00	**582.45**	**(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)

coarse to very coarse-grained pink and grey intrusive granitic pegmatite defined by roughly equal proportions of quartz and feldspar

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582.45 **600.85** **(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**

fine to medium-grained weakly to moderately foliated quartz-feldspar-biotite unit with intermittent quartz and quartz-feldspar veins; occasional quartz-carbonate veinlets with sericitic and potassic alteration envelopes along with a small stockwork zone of similar crisscrossing veinlets around 586 m depth

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600.85 **601.72** **(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**

coarse-grained integrative contact of pegmatite and disseminated biotite-rich wallrock that transitions into very coarse-grained pink and grey feldspar-dominant granitic pegmatite

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601.72 **603.13** **(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**

fine-grained grey quartz-feldspar-biotite unit with weak foliation and occaisonal quartzose bands; diffuse banded background potassic alteration and reddish potassic alteration envelopes on hairline quartz-carbonate veinlets

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603.13 **606.89** **(AMP, UM) Amphibolite, Ultramafic, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**

fine-grained amphibolite with thin hematized bands and background potassic alteration defined by alternating light and dark green bands; upper section transitions into a coarse-grained amphibolite with increased strain defined by elongated biotite grains between amphibole-rich bands; potential ultramafic unit

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606.89 **611.95** **(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 minor flecks of muscovite and banding defined by alternating biotite abundance relative to quartz and feldspar; preferential potassic alteration in biotite-poor bands and intermittent hairline quartz-carbonate veinlets with potassic and sericitic alteration envelopes

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611.95 **612.40** **(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**

very fine to fine-grained green intermediate amphibolite with weak foliation and occasional hairline quartz-carbonate veinlets with potassic alteration

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
612.40	**614.62**	**(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 foliation and diffuse banding defined by varying biotite content; potassic alteration haloes on occasional quartz-carbonate veinlets								
614.62	**615.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine-grained green intermediate amphibolite with trace foliation and sharp contacts; boudinaged granitic pegmatite near lower contact and hairline quartz-carbonate veinlets throughout								
615.20	**624.21**	**(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 diffuse banding defined by fluctuating biotite abundance and moderate foliation; occasional flecks of muscovite and granitic pegmatite bands; quartz-carbonate veinlets here and there with potassic-sericitic alteration envelopes								
624.21	**625.59**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained intensely potassic-altered quartz-feldspar-biotite unit with associated sericite alteration; alteration mainly found as envelopes around quartz-carbonate veinlet sets; two small green bands within alteration zone that may be small intrusives sourcing alteration but degree of alteration makes determining such difficult								
625.59	**628.27**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey weakly to moderately-foliated quartz-feldspar-biotite unit with abundant crosscutting quartz-carbonate veinlets highlighted by bright pinkish-red potassic alteration envelopes and weak associated sericite alteration; intermittent pegmatitic quartzofeldspathic bands in unit								
628.27	**628.79**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey intrusive granitic pegmatite ranging from feldspar-dominant groundmass with reddened rims yo jagged equal proportions of dark grey quartz and altered feldspar; windows of coarse biotite infilling some space between feldspar megacrysts in mid-section of unit								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

628.79 636.63 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium to coarse-grained quartz-feldspar-biotite-muscovite unit with intermittent irregular granitic pegmatite bands; very intensive potassic and sericitic alteration around quartz-carbonate stockwork of hairline veinlets that in some areas entirely clouds over wallrock completely; diffuse banding as a result of repetitively fluctuating biotite concentrations

636.63 636.96 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

very coarse-grained pink and grey intrusive granitic pegmatite characterized by roughly equal proportions of quartz and feldspar along with reddish potassic alteration between grains

636.96 645.93 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

pink and grey fine to medium-grained quartz-feldspar-biotite unit with some muscovite present as well; intermittent pink and grey granitic pegmatite bands as well as sections of biotite-amphibole intergrowth and darker grey quartz as compared to lighter grey quartz and biotite only; common repetitive banding defined by preferentially potassic-altered pink quartz-feldspar intercalated with grey less-altered quartz-feldspar-biotite bands; potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; increasing muscovite abundance towards lower contact

645.93 653.87 (FGG) Felsic Gneiss Granitic, ( )

medium-grained grey foliated quartz-feldspar groundmass with disseminated biotite and muscovite throughout; soft banding outlined by repeating thin bands of biotite-poor quartz-feldspar in some areas preferentially potassic-altered; occasional granitic pegmatite bands

653.87 657.75 (GBFG) Garnet Biotite Felsic Gneiss, ( )

medium to coarse-grained grey and black moderately-foliated unit composed of quartz-feldspar-biotite groundmass with finer-grained section of lower biotite percentage in bottom half of unit and coarser-grained upper section with irregular equigranular quartzofeldspathic veins; one large quartz boudin although direction of tightening difficult to identify

657.75 665.21 (FGG) Felsic Gneiss Granitic, ( )

fine to medium-grained grey foliated quartz-feldspar groundmass with disseminated biotite

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		and muscovite; very minor disseminated pyrite and intermittent quartzofeldspathic melt bands; diffuse banding defined by varying mica concentrations as well as occasional potassic-sericitic alteration envelopes on hairline quartz-carbonate veinlets								
665.21	**665.89**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		weakly foliated dark grey and green quartzofeldspathic groundmass with disseminated biotite and amphibole; potassic and sericitic alteration at contacts								
665.89	**667.00**	**(FGG) Felsic Gneiss Granitic, ( )**								
		medium to coarse-grained pink and grey quartzofeldspathic groundmass with disseminated biotite and muscovite; consolidated upper section that transitions into coarse-grained pink melt of alternating quartz-feldspar and biotite-rich bands with one small pegmatitic area; a few weak quartz-carbonate veinlets with potassic and sericitic alteration envelopes								
667.00	**668.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		fine to medium-grained grey quartzofeldspathic groundmass with disseminated biotite and minor patches of sparse disseminated muscovite; occasional quartz-carbonate stringers with potassic and sericitic alteration haloes								
668.40	**669.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		coarse-grained grey and green quartz-porphyritic FGS with amphibole and background potassic alteration; one or two coarse quartzofeldspathic pegmatitic melt bands near lower contact								
669.18	**672.64**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		medium to coarse-grained grey moderately to strongly foliated repetition of alternating quartz-feldspar and quartz-feldspar-biotite bands; intermittent quartz-carbonate veinlets with potasisc and sericitic alteration envelopes and the occasional thin quartzofeldspathic melt band								
672.64	**672.94**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		coarse-grained light grey massive quartz vein with accumulation of cloudy pink feldspars at contacts likely from sapping of potassium in wallrock; some feldspar grains broken off contact and suspended throughout vein; sharp undulating disconformable contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
672.94	**674.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained grey and green foliated quartzofeldspathic groundmass with hairline biotite bands that transitions into quartz-porphyritic biotite-amphibole FGS; less than 1 mm wide quartz-carbonate bands throughout unit and background potassic alteration in groundmass								
674.70	**675.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey intrusive granitic pegmatite composed of roughly equal quartz and feldspar portions along with random patches of coarse biotite								
675.30	**676.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey quartz-feldspar-biotite unit with weak foliation and occasional quartz-carbonate veinlets with potassic and sericitic alteration envelopes								
676.35	**677.82**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coarse-grained equigranular mosaic of interlocking quartz and feldspar grains; labeled granitic pegmatite as a genetic term to describe intrusive melt heritage rather than a textural term as grain size is less than pegmatitic; band of incoroporated FGS wallrock; sparse flecks of biotite hanging out with the boys as well								
677.82	**693.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey quartz-feldspar-biotite unit with moderate foliation and banding defined by intermittent quartzofeldspathic veins as well as repetitive fluctuations in biotite abundance; muscovite flecks disseminated in places and common quartz-carbonate veinlets with potassic and sericitic alteration envelopes	D73774	677.82	678.8	0.98	0.003	AGAT_FAICP		start of spot sample string
			D73775	678.8	680	1.2	0.001	AGAT_FAICP		
			D73776	680	681.5	1.5	0.003	AGAT_FAICP		
			D73777	681.5	683	1.5	0.002	AGAT_FAICP		
			D73779	683	684.5	1.5	0.007	AGAT_FAICP		
			D73780	684.5	686	1.5	0.005	AGAT_FAICP		
			D73781	686	687.5	1.5	0.002	AGAT_FAICP		
			D73782	687.5	688.6	1.1	0.005	AGAT_FAICP		
			D73783	688.6	688.9	0.3	0.001	AGAT_FAICP		
			D73784	688.9	690	1.1	0.002	AGAT_FAICP		
			D73785	690	691.5	1.5	0.002	AGAT_FAICP		
			D73787	691.5	693	1.5	0.003	AGAT_FAICP		
			D73788	693	693.38	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
693.38	**696.20**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** very fine to fine-grained dirty dark grey altered unit with lenses and bands of amphibole-rich wallrock preceded by weakly foliated FGS section with some patchy muscovite present; beige alteration phase and lesser biotite in bands of amphibolite wallrock as well; intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes	D73789	693.38	693.72	0.34	0.006	AGAT_FAICP		
			D73790	693.72	694.2	0.48	0.008	AGAT_FAICP		
			D73791	694.2	694.5	0.3	0.013	AGAT_FAICP		
			D73793	694.5	694.8	0.3	0.013	AGAT_FAICP		
			D73794	694.8	695.3	0.5	0.024	AGAT_FAICP		
			D73795	695.3	696.2	0.9	0.033	AGAT_FAICP		
696.20	**717.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** EOH at 717 m depth; medium to coarse-grained grey quartz-feldspar-biotite unit ranging from massive to weakly or moderately foliated; occasional quartzofeldspathic melt bands and quartz-carbonate stringers with intense sericite alteration envelopes as well as associated potassic alteration in some cases; unit reaches EOH in GBFG interval with one coarse quartz boudin and very minor disseminated pyrite	D73796	696.2	697.5	1.3	0.019	AGAT_FAICP		
			D73797	697.5	699	1.5	0.023	AGAT_FAICP		
			D73799	699	700.5	1.5	0.021	AGAT_FAICP		
			D73800	700.5	702	1.5	0.011	AGAT_FAICP		
			D73801	702	703.5	1.5	0.014	AGAT_FAICP		
			D73802	703.5	705	1.5	0.008	AGAT_FAICP		
			D73803	705	706.5	1.5	0.007	AGAT_FAICP		
			D73804	706.5	708	1.5	0.009	AGAT_FAICP		
			D73805	708	709.5	1.5	0.015	AGAT_FAICP		
			D73807	709.5	711	1.5	0.013	AGAT_FAICP		
			D73808	711	712.5	1.5	0.012	AGAT_FAICP		
			D73809	712.5	714	1.5	0.008	AGAT_FAICP		
			D73810	714	715.5	1.5	0.013	AGAT_FAICP		
			D73811	715.5	716.4	0.9	0.019	AGAT_FAICP		
			D73813	716.4	716.7	0.3	0.021	AGAT_FAICP		
			D73814	716.7	717	0.3	0.02	AGAT_FAICP		EOH at 717 m depth

Hole ID : **BL19-01090W**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	155.06	Easting :	334237.99	Logged By :	Tyler.Compton
Dip :	-76.34	Northing :	5303848.89	Logged By 2 :	Daniel.Rafuse
Length :	1575	Elevation :	440.603	Log Start :	6-Sep-2019
Drill Start :	23-Sep-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	4-Oct-2019
Drill Completed :	24-Sep-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Wedge emplaced at ~607m; changed az ~2deg westward. Log summary: FGS (605-717m) -> AMP>FGS (717-733m)-> FGS (733-755m) -> AMPG (755-765m) -> FGS (765-860m) -> FGS>UMD (860-917m) -> FGS>AMP (860-1210m) -> FGS>AMP>QFP>PEG (860-1255m) -> FGS (1255-1390m) -> FGG (1390-1417m) -> GBFG (1417-1425m) -> FGS (1425-1445m) -> FGS>GBFG>MAM/AMP (1445-1500m) -> DIA>FGS (1500-1575m) EOH. Significant veining @ 1553-1555m with ~4% sulfide mineralization and strong K alt. No VG.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
605.15	**606.74**	**(UM) Ultramafic, ( )**								
		coarse to very coarse-grained green strongly-foliated ultramafic unit with abundant amphibole and biotite; reddish potassic alteration throughout								
606.74	**612.03**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		medium-grained grey and pink quartz-feldspar-biotite unit with moderate foliation highlighted by alternating bands of pinkish biotite-poor quartzofeldspathic groundmass and quartz-feldspar-biotite disseminations; occasional granitic pegmatite and abundant quartz-carbonate vienlets with potassic and sericitic alteration envelopes								
612.03	**612.43**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		medium to coarse-grained green intermediate amphibolite with weak to moderate foliation and amphibole-rich groundmass; diffuse quartz-rich band and bright yellow epidote alteration at upper contact as well as potassic alteration at both contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

612.43 614.51 (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 foliation and diffuse occasional banding defined by variations in quartz content simultaneous to variation in biotite enrichment; intermittent small granitic pegmatites and quartz-carbonate hairline veinlets with trace sericitic and weak potassic envelopes

614.51 614.96 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

medium-grained grey and green intermediate amphibolite or amphibole-bearing FGS defined by mix of disseminated amphibole and biotite; fine diffuse quartz veinlets throughout

614.96 627.64 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium to coarse-grained grey and pink quartz-feldspar-biotite unit with diffuse banded appearance in places as a result of pink quartzofeldspathic bands between more typical grey quartz-feldspar-biotite bands; intense potassic alteration zone from 624.33 m to 625.1 m depth; weak to moderate foliation and occasional granitic pegmatite as well as fine-grained quartzofeldspathic melt bands with contacts in relevant tab; abundant moderate to strong potassic-sericitic envelopes on crosscutting quartz-carbonate veinlets

627.64 628.20 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

very coarse-grained pink and grey quartz-rich granitic pegmatite with sharp upper contact and gradual lower contact with lamprophyre dyke cutting unit at low angle to core long axis

628.20 629.26 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

very fine to fine-grained green chlorite-sericite altered intrusive massive lamprophytre dyke cutting host pegmatite and FGS at very low angle to core long axis; knife-sharp wavy undulating margins

629.26 654.26 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium to coarse-grained grey and pink quartz-feldspar-biotite unit with moderate to strong foliation and banding defined by variations in biotite content; one section of slightly quartz-porphyritic FGS with some amphibole present; intermittent granitic to quartz-rich granitic pegmatites as well as one strongly altered lamprophyre dykelet broken out in point structures tab; abundant crosscutting sets of quartz-carbonate veinlets with potassic and or sericitic alteration envelopes

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
654.26	**655.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite with strong foliation defined by alternating light and dark green bands; several localized disturbances in foliation; occasional thin grey quartz veinlets and some bands bespeckled with opaque white leucosomatic melt								
655.18	**668.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey moderately to strongly-foliated quartz-feldspar-biotite unit with minor muscovite and intermittent quartzofeldspathic melt bands; one or two granitic pegmatites cross unit and potassic-sericitic enveloped quartz-carbonate veinlets are common								
668.30	**669.06**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained green and grey quartz-phenocrystic unit composed of quartzofeldspathic groundmass and amphibole-biotite disseminations; weakly to moderately foliated with occasional small granitic pegmatite bands								
669.06	**674.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey weakly to moderately-foliated quartz-feldspar-biotite unit with section of cm-scale pink melt bands characterized by stubby blebs of incorporated wallrock; common small granitic pegmatites cross unit and disturb foliation; lower metre of unit is qiartz-porphyritic with elevated amphibole abundance; the usual quartz-carbonate veinlets with potassic and sericitic envelopes occur throughout								
674.20	**675.09**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey intrusive granitic pegmatite defined by equigranular groundmass of quartz and feldsapr alongside occasional patches of biotite								
675.09	**676.31**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** fine to medium-grained grey quartz-feldspar-biotite-muscovite unit with weak to moderate foliation and diffuse background potassic alteration; sparse quartzofeldspathic melt bands throughout								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
676.31	**678.64**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey intrusive granitic pegmatite with coarser core of quartz and feldspar patches surrounded by fringes of pink equigranular less coarse quartz and feldspar; patchy magnetite throughout and one band of incorporated FGS wallrock								
678.64	**718.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey weakly to moderately-foliated FGS with diffuse banding defined by alignment of biotite grains; numerous granitic to quartz-rich granitic pegmatites cross unit and in some cases disturb foliation; slight changes in texture as a result of heat distribution throughout unit; occasional quartz-carbonate stringers with potassic and or sericitic alteration envelopes								
718.20	**718.96**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green weakly-foliated intermediate amphibolite with sharp contacts; fine grey quartz veinlets and minor disseminated pyrite								
718.96	**720.69**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and green quartz-porphyritic unit with minor disseminated pyrite and moderate foliation; two light grey and green quartz veinlets								
720.69	**721.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine-grained green massive intermediate amphibolite with sharp unaltered contacts and one fine quartz-carbonate veinlet								
721.25	**721.59**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained dark grey foliated FGS with some minor amphibole and quartz-phenocrystic texture								
721.59	**726.06**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green massive intermediate amphibolite with numerous quartz-carbonate veinlets towards lower metre of unit								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
726.06	**727.14**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey foliated quartz-feldspar-biotite unit with massive white quartz vein near lower contact and other thinner grey veinlets throughout; two small amphibolite bands and sparse quartz-carbonate veinlets with potassic and sericitic envelopes								
727.14	**727.59**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine-grained green intermediate amphibolite with sericitized lower contact and disseminated pyrite; one or two small grey quartz veinlets								
727.59	**730.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey foliated quartz-feldspar-biotite unit with intermittent quartzose to quartzofeldspathic veinelts; two small granitic pegmatite bands and a few altered green 7 to 10 cm wide amphibolite bands; sericite-enveloped quartz-carbonate veinlets								
730.40	**732.23**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green tracely foliated intermediate amphibolite with intermittent quartz-carbonate stringers and fine grey quartz veinlets; minor disseminated pyrite								
732.23	**741.41**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey foliated quartz-feldspar-biotite unit with amphibole-bearing upper section and finer-grained siliceous section at lower contact; majority of unit is coarse with banding defined by variations in quartz content; disseminated pyrite and occasional granitic pegmatite bands as well as sparse quartz-carbonate veinlets with potassic or sericitic envelopes								
741.41	**742.78**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey intrusive granitic pegmatite with feldspar-dominant groundmass and interstitial quartz; wavy undulating upper contact and sharp conformable lower contact								
742.78	**746.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		fine-grained silciified biotite-poor muddy-looking quartofledspahtic section followed by light grey quartz veining and coarse-grained siliceous melt filled with subrounded aggregate clusters of biotite and amphibole; one or two granitic pegmatite bands and singular quartz-carbonate stringer with potassic alteration halo								
746.95	**747.82**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained grey and green quartz-porphyritic unit; quartzofeldspathic groundmass seasoned with disseminated biotite and amphibole; relatively unaltered and one small granitic pegmatite in unit broken out in relevant tabs								
747.82	**755.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** coarse-grained massive light grey quartzofeldspathic groundmass with disseminated biotite and intermittent quartz-carbonate veinlets with potassic-sericitic envelopes; one or two quartzofeldspathic melt bands and s small green amphibolite band with contacts in point structures tab								
755.23	**766.76**	**(AMPG) Amphibole Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse to very coarse-grained green intermediate amphibolite unit defined by very abundant amphibole porphyroclasts; quartz-carbonate stringers and some areas of intense carbonate alteration with sigmoidal strain asymmetry; one band of intense sericitic and potassic overprinting around cm-scale quartz-carbonate veinlet; one wide massive barren quartz vein broken out in relevant tabs								
766.76	**783.20**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained foliated FGS with diffuse banding indicated by thin quartz-rich bands alternating with quartz-feldspar-biotite bands; minor disseminated pyrite and occasional increases in amphibole content outlined through contacts provided in point structures tab; common quartz-carbonate stringers with potassic and or sericitic alteration envelopes; one or two small granitic pegmatite bands and one 4 cm wide quartz veinlet or stringer with intense potassic-sericitic-chloritic envelope at 776.15 m depth								
783.20	**784.53**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green foliated intermediate amphibolite with sharp contacts and quartz-carbonate veinlets some of which have strong sericite alteration envelopes								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
784.53	**785.04**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained dark grey quartz-feldspar-biotite unit with weak to moderate foliation and high quartz content; minor disseminated pyrite								
785.04	**785.36**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green intermediate amphibolite with alternating light and dark green bands; small pegmatitic melt band near upper contact and sharp contacts								
785.36	**797.62**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained foliated FGS with section of banded siliceous melt with suspended clumps of amphibole and biotite; melt zone is from 787.5 m to 788.8 m depth; rest of unit ranges from thinly banded to quartz-porphyritic; intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes; amphibole enrichment in places and minor disseminated pyrite throughout								
797.62	**798.39**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and grey biotite-bearing intermediate amphibolite with sharp contacts and trace background potassic alteration; one small brihgt pink and grey granitic pegmatite band as well as intermittent hairline quartz-carbonate veinlets with weak sericite alteration								
798.39	**798.76**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained light grey quartz-feldspar-biotite unit with occasional quartzofeldspathic bands and quartz-carbonate veinlets with weak potassic alteration envelopes								
798.76	**799.27**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** coarse-grained green and grey weakly-foliated intermediate amphibolite with sericitic and potassic-altered lower contact; quartzofeldspathic groundmass with coarse disseminated amphibole crystals								
799.27	**821.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained pink and grey variably foliated quartz-feldspar-biotite unit with zone of quartzofeldspathic melt banding with entrained wallrock bits from 817.5 m to 820.8								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		m depth; area of core grind and loss broken out in structures tab as well as intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes; occasional granitic pegmatite bands and disseminated muscovite								
821.85	**823.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey and green amphibole-bearing quartz-porphyritic FGS; quartz-carbonate veinlets with potassic and or sericitic alteration envelopes								
823.50	**836.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** finer-grained upper section of pink and grey intensely potassic-altered and weakly-foliated FGS proximal to small fault zone indicated by fracturing and breccia; lower section comprised of quartofeldspathic melt and amphibole-biotite; core grind and loss in places along with intense potassic alteration in places and occasional quartz-carbonate stringers with potassic and or sericitic alteration envelopes								
836.10	**837.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-graiend green and grey intermediate amphibolite with bakcground reddish potassic alteration of groundmass; sparse quartz-carbonate veinlets with potassic and sericitic alteration haloes								
837.30	**849.96**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained pink and grey quartz-feldspar-biotite unit with pervasive and intense potassic alteration; occasional quartz-carbonate veinlets with potassic alteration envelopes; varying biotite abundance and intermittent amphibolite bands								
849.96	**850.72**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained dark grey quartz-porphyritic FGS with potassic and sericitic-enveloped quartz-carbonate veinlets								
850.72	**851.58**	**(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 melted quartzofeldspathic lower section and a couple quartz-carbonate veinlets with potassic and sericitic alteration envelopes								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
851.58	**852.96**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** very coarse-grained pegmatitic melt composed of light grey quartz groundmass with grains outlined by interstitial trails of pink feldspar along with occasional feldspar megacrysts								
852.96	**853.58**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** strongly potassic-altered and remelted FGS proximal to pegmatite melt with minor biotite where wallrock is discernible; lower half of interval is intensely sericitized yellow and green intermediate amphibolite with foliation visible where wallrock is less overprinted								
853.58	**854.22**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey granitic pegmatite melt with roughly equal proportions of quartz and feldspar along with disseminated biotite								
854.22	**859.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained weakly to moderately-foliated grey quartz-feldspar-biotite unit with potassic and sericitic-altered quartz-carbonate stringers that at 857 m depth transitions into completely and intensely red potassic-overprinted unit with grey quartz phenocrysts								
859.00	**860.09**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained grey and green intrusive lamprophyre dyke with carbonate phenocrysts and cm-scale xenoliths of country rock; sharp meandering contacts with intense chloritic and associated sericitic alteration								
860.09	**862.69**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained red and grey dirty-looking FGS obliterated by alteration; intense potassic overprinting with only patches of quartz poking through as it is more resistant to alteration than the feldspar and biotite components of the unit								
862.69	**868.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained green and black massive intrusive lamprophyre dyke with patches of greyish-white carbonate phenocrysts and sharp sericitized-chloritized meandering contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
868.20	**874.29**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey and pink quartz-feldspar-biotite unit with no discernible foliation and pervasive potassic alteration of groundmass; quartz-carbonate veinlets with potassic alteration envelopes; alteration seen in interval due to contact aureole of surrounding lamprophyre dykes								
874.29	**878.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained grey and green intrusive lamprophyre dyke with abundant carbonate phenocrysts and sharp sericitized-chloritized contacts								
878.40	**891.46**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained unfoliated quartz-feldspar-biotite unit with strong pervasive potassic alteration; intermittent quartz-carbonate veinlets with potassic or sericitic alteration envelopes; several sections with core breakage and loss; ultramafic intrusive lamprophyre dykelet snakes along core parallel to long axis from 879.2 m to 880.4 m depth								
891.46	**900.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained grey and black intrusive lamprophyre dyke with abundant carbonate phenocrysts and sharp strongly chloritized-sericitized contacts								
900.50	**901.58**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained chloritized quartofeldspathic groundmass defined by coarser whitish to grey quartz and feldspar phenocrysts; unit has pervasive disseminated chlorite likely from interaction with surrounding lamprophyre dykes								
901.58	**902.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained green intensely chloritized massive intrusive lamprophyre dyke with sharp altered contacts and one carbonate veinlet								
902.00	**915.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** grey and pink fine to medium-grained weakly-foliated quartz-feldspar-biotite sections alternating with pink and grey strongly quartz-feldspar phenocrystic sections; phenocrysts are very rounded and lower sections of the complete interval boast intermittent granitic pegmatite bands; abundant potassic and sericitic-enveloped quartz-carbonate stringers that								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		at some places intersect to a volume so frequent they appear like small stockwork zones; phenocrystic sections were not broken out as QFP since groundmass material appears identical to intercalated foliated FGS intervals								
915.28	**915.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		fine to medium-grained green weakly to moderately-foliated intermediate amphibolite; relatively unaltered with sharp contacts; intermittent quartz-carbonate veinlets in unit								
915.70	**916.13**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		fine to meidum-grained intensely potassic-altered FGS with minor biotite where untainted wallrock is visible								
916.13	**917.93**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		very fine to fine-grained massive black intrusive lamprophyre dyke with abundant carbonate phenocrysts and green chlorite-sericite altered contacts								
917.93	**919.53**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Amphibolite contains moderate backgroun felsic component with moderate to strong potassic composition. Sulphide content throughout unit is low with pyrrhoitite as the dominant species Po 75 / Py 25. Moderate potassic and sericitic alteration throughout via dissemination and halos. Short pegmatitic veins throughout with insignificant sulphide content and moderate chloritic alteration via dissemination.								
919.53	**922.22**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FGS contains moderate potassic and sericitic alteration via dissemination halos and stringers with inconsistent alphas. Very low sulphide content with both pyrite and pyrrhotite in similiar quantities Po 50 / Py 50. Unit contains a moderate foliation fabric. Background amphibole content varies throughout. Short lamprophyre contained within first 20 cms of unit								
922.22	**922.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Amphibolite contains moderate backgroun felsic component with moderate to strong potassic composition. Sulphide content throughout unit is low with pyrrhoitite as the dominant species Po 75 / Py 25. Moderate potassic and sericitic alteration throughout via dissemination and halos. Moderate banded in lower portion of unit has a moderate pegmatitic texture.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

922.80 937.96 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains moderate to strong potassic and sericitic alteration via dissemination halos and stringers with inconsistent alphas. Weak to moderate dioritic appearance due to poorly formed phenocrysts ranging from 0.1-3.0mms. Very low sulphide content with both pyrite and pyrrhotite in similiar quantities Po 50 / Py 50. Unit contains a moderate foliation fabric. Background amphibole content varies throughout with ocassional massive specimens often localized to short barren QV2/Pegmatitic veins.

937.96 938.75 (AMP) Amphibolite, ( )

Amphiboite contains moderate to strong epidote presence which is localized to thin barren QV2 veinlets at high angle to core axis. Sulphide content overall is weak with pyrite as the dominant species Py 65 / Po 35. Moderate to strong sericitic and chloritic alteration via stringers and bands. K-spar rich grantitic pegmatite contained in the last 25cms of unit also with low sulphide content.

938.75 948.62 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains strong potassic and moderate to strong sericitic alteration via dissemination and halos. Moderate chloritic alteration is also present via dissemination. Numerous thin lamprophyres contained throughout with the largest present at 945.45 with an upper alpha of 45 which is more less parallel to foliation fabric. Sulphide content is weak with pyrite as the dominant variety Py 80 / Po 20. Several thin barren pegmatitic/QV2 veinlets present. Several quartz eyes observable and a weak to moderate dioritic fabric due to poorly formed phenocrysts. Variable amphibole background content with ocassional massive example.

948.62 949.03 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Contact is parallel to foliation with an alpha of 54. Moderate felsic background is strongly potassic. Low suphide content throughout unit with pyrite as the dominant variety Py 75 / Po 25. Unit contains moderate foliation fabric. Thin QV2 veinlets present at high angle to core axis but are barren. Moderate sericitic and chloritic alteration via thin stringers.

949.03 949.63 (FGS) Felsic Gneiss Sedimentary, ( )

Upper contact parallel to foliation. Strong potassic alteration via halos and disseminations. Very low sulphide content. Background amphibole content is weak but present with ocassional massive examples. Thin pegmatitic vein contained in mid portion of unit at high angle to core axis but is barren.

949.63 950.48 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Ampibolite contains several bands in the last 50 cms of unit producing a conglomeratic

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

texture. Moderate felsic background is high in potassic content. Sulphide content within unit is low with pyrite as the dominant species Py 75 / Po 25. Moderte to strong foliation fabric. Thin migmatitic veins present but are barren. Moderate epidote presence

950.48 951.15 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Upper contact is oblique to foliation. High quartz content pegmatite with low sulphide content confined to scarce pyrite specimens. Patches of amphibolite contained throughout. Strong potassic alteration via dissemination.

951.15 952.40 (FGS) Felsic Gneiss Sedimentary, ( )

Unit contains strong potassic and moderate sericitic/chloritic alteration via dissemination and stringers. Very low sulphide content with pyrite as the main constituent. Short pegmatitic sections throughout but are barren. Weak background amphibole content.

952.40 955.16 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Upper contact is parallel to foliation fabric. Upper and lower chill margins present. Qtz-Carb amygdules throughout.

955.16 955.70 (FGS) Felsic Gneiss Sedimentary, ( )

Upper contact parallel to foliation fabric. Unit contains moderate foliation fabric throughout. Moderate sericitic and chloritic alteration via dissemination. Very low sulphide content. Moderate background amphibole content.

955.70 957.57 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Upper contact is parallel to foliation. Low sulphide content throughout with both pyrite and pyrrhotite present in similar quantities. Low cpx content. Moderate felsic background contains a strong potassic signature. Foliation fabric is moderate. Thin QV2 veins present but are barren. Moderate to strong chloritic and sericitic alteration via moderate angled veinlets.

957.57 958.00 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Upper contact is discordant with foliation fabric. High quartz content. K-spar specimens appear to have undergone partial melting. Moderate potassic and chloritic alteration via pervasive signature. Low sulphide content.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

958.00 958.87 (FGS) Felsic Gneiss Sedimentary, ( )

Top 15cms of unit is an extension of the previous amphibolite. Unit contains a moderate porphyritic texture due to poorly formed qtz phenocrysts. Foliation fabric is moderate throughout. Weak but observable background amphibole content. Very low sulphide content with both pyrite and pyrrhotite present Py 65 / Po 35. Moderate sericitic and chloritic alteration via halos and dissemination.

958.87 964.00 (AMP) Amphibolite, ( )

Upper contact parallel to foliation fabric. Unit contains moderate banding due to thin quartz vein pathways along foliation. Quartz veinlets do not exhibit any increase in sulphide content. Cpx content is moderately low. Sulphide content is moderate with both pyrite and pyrrhotite present in similar quantities Py 60 / Po 40. Moderate reibeckite presence in veinlets at moderate angle to core axis. Moderate epidote presence which is localized to thin quartz veins. Unit overall contains a weak foliation fabric. Moderate to strong sericitic and chloritic alteration via dissemination and halos.

964.00 964.40 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Continuation of previous AMPIN. Upper contact parallel to foliation fabric. Unit contains moderate banding due to thin quartz vein pathways along foliation. Quartz veinlets do not exhibit any increase in sulphide content. Cpx content is moderately low. Sulphide content is moderate with both pyrite and pyrrhotite present in similar quantities Py 60 / Po 40. Moderate reibeckite presence in veinlets at moderate angle to core axis. Moderate epidote presence which is localized to thin quartz veins. Unit overall contains a weak foliation fabric. Moderate to strong sericitic and chloritic alteration via dissemination and halos.

964.40 966.97 (FGS) Felsic Gneiss Sedimentary, ( )

FGS upper contact is parallel to foliation fabric. Unit contains a conglomeratic appearance due to numerous bands of strong chloritic/sericitic and potassic alteration at high angle to core axis. Very low sulphide content. Weak to moderate background amphibole content.

966.97 968.53 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Amphibolite contains numerous bands of sericitic/potassic/chloritic alteration at high angle to core axis. Very low sulphide content. Thin quartz veins also present but are barren. Weak to moderate felsic background. Amphibole content is variable throughout unit.

968.53 975.54 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains strong chloritic/sericitic/potassic alteration via bands/halos/dissemination. Background amphibole content is highly variable throughout unit ranging from 1-4% with ocassional large aggregates up to 10cms in length. Very low sulphide content with pyrite as the dominant variety Py 75 / Po 25. Unit contains a weak to moderate porphyritic texture due

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		to poorly formed qtz phenocrysts ranging from 0.1 - 4.5mms.								
975.54	**976.80**	**(DIA) Diabase Dike, ( )** Very fine grained diabase lacking the typical fine grained plagioclase phenocrysts. Strong sericitic alteration via bands and stringers								
976.80	**1005.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is coarse grained due to poorly defined fine to medium grained qtz phenocrysts as well as quartz eyes. Moderate to strong potassic alteration via dissemination as well as bands at high angle to core axis. Background amphibole content is highly variable throughout unit ranging from 1-6% with ocassional amphibole aggregate or sub unit up to 10cm's in length. Very low sulphide content with pyrite as the dominant constiuent Py 80 / Po 20. Thin barren quartz veins running parallel to foliation crosscut the unit throughout with a concentration at 997.00-998.00ms. Short lamprophyre at 1001.15 with an upper contact of a74/b282								
1005.00	**1011.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuation of previous FGS unit. Coarse grained due to poorly defined fine to medium grained qtz phenocrysts as well as quartz eyes. Moderate to strong potassic alteration via dissemination as well as bands at high angle to core axis. Background amphibole content is highly variable throughout unit ranging from 1-8% with ocassional amphibole aggregate or sub unit up to 10cm's in length. Very low sulphide content with pyrite as the dominant constiuent Py 80 / Po 20. Thin barren quartz veins running parallel to foliation crosscut the unit throughout with a concentration at ms.	D72001	1005	1005.37	0.37	0.048	AGAT_FAICP		SPOT SAMPLING
			D72002	1008.43	1008.76	0.33	0.013	AGAT_FAICP		SPOT SAMPLING
1011.48	**1011.90**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Short pegmatite with medium to coarse grained k-spar. Low sulphide content overall but a wispy web of pyrite and minor pyrrhotite is present in the mid section of unit. Upper contact is parallel to foliation fabric								
1011.90	**1012.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** Upper contact parallel to foliation fabric. Short FGS contains a dioritic fabric due to poorly formed qtz phenocrysts. Weak potassic alteration via dissemination. Very low sulphide content with pyrite as the main constiuent. Minor background amphibole content.								
1012.24	**1012.72**	**(AMP) Amphibolite, ( )** Unit is more less parallel to foliation fabric. Minor felsic background. Low sulphide content with both pyrite and pyrrhotite present Py 65 / Po 35. Unit maintains a weak foliation fabric. Minor cpx present.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1012.72	**1014.62**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric due to poorly formed qtz phenocrysts ranging from 0.1-3.0mms. Very low sulphide content. A few short amphibolites present within unit. Low sulphide content with pyrite as the main constiuent Py 75 / Po 25. Short section with increased quartz flooding and a moderate increase in sulphide content from 1014.00-1014.50m. Quartz flooded/veined area exhibits milky translucent veins with minor amphibole content. Minor background amphibole content. Moderate potassic alteration via halos and dissemination.	D72003	1013.9	1014.51	0.61	0.024	AGAT_FAICP		SPOT SAMPLING
1014.62	**1015.28**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Minor felsic background observable. Very low sulphide content. Weak to moderate foliation fabric.								
1015.28	**1018.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Upper contact parallel to foliation fabric. Background amphibole content is highly variable ranging from 1-10%. Unit contains a weak to moderate dioritic fabric due to fine to medium grained qtz phenocrysts. Moderate to strong potassic/chloritic alteration via dissemination and halos with a high concentration 1017.00-1017.40ms. Very low sulphide content throughout unit with pyrite as the main constiuent Py 75 / Po 25.								
1018.60	**1019.43**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Intermediate amphibolite with minor background felsic content. Very low sulphide content with pyrite and pyrrhotite both present Py 50 / Po 50. Unit contains a weak to moderat foliation fabric. A few thin pegmatitic veins present but no increase in sulphide content.								
1019.43	**1021.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a few translucent milky quartz veins with minor amphibole content but insignifcant sulphide content. Moderate to strong potassic/sericitic alteration via dissemination and halos. Low sulphide overall with pyrite as the main constiuent Py 80 / Po 20. Weak to moderate foliation fabric. Weak dioritic fabric due to fine grained qtz phenocrysts.	D72004	1019.43	1020.08	0.65	0.049	AGAT_FAICP		SPOT SAMPLING
			D72005	1020.08	1020.68	0.6	0.029	AGAT_FAICP		SPOT SAMPLING
1021.00	**1021.53**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Amphibolite contains a weak felsic background which appears to be qtz/plag. Very low sulphide throughout unit. A couple qtz/carb veinlets present at moderate angle to core axis.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1021.53	**1037.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a moderate dioritic fabric due to fine to medium grained qtz phenocrysts which are poorly formed. Therefor unit may be logged as a QFP but the coarseness of the unit is highly gradational fining towards upper and lower contacts. Low sulphide content overall with a few patches of pyrite/pyrrhotite Py 80 / Po 20. Thin QV2 veins present throughout with a milky translucent appearance and free amphiboles but no increase in sulphide content. Background amphibole content is variable throughout ranging from 1-6% with a few amphibolites reaching 10cms in length. Several quartz eyes present throughout coarse section. Moderate conglomeratic appearance from 1022.00-1026.00ms due to thin quartz viens/flooding along foliation planes with no increase in sulphides. Moderate potassic/sericitic/chloritic alteration via halos/stringers/dissemination..	D72007	1030.1	1030.8	0.7	0.008	AGAT_FAICP		SPOT SAMPLING
1037.80	**1038.43**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Upper contact is parallel to foliation. Medium to coarse grained K-spar. Moderate to strong chloritic alteration via dissemination and veinlets. Weak sulphide content with pyrite as the dominant variety.								
1038.43	**1048.32**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a moderate dioritic fabric due to fine to medium grained qtz phenocrysts which are poorly formed. Therefor unit may be logged as a QFP but the coarseness of the unit is highly gradational fining towards upper and lower contacts. Low sulphide content overall with a few patches of pyrite/pyrrhotite Py 80 / Po 20. Thin QV2 veins present throughout with a milky translucent appearance and free amphiboles but no increase in sulphide content. Background amphibole content is variable throughout ranging from 1-6% with a few amphibolites reaching 10cms in length which all obtain a more less parallel contact with the parent FGS unit. Several quartz eyes present throughout coarse section. Moderate potassic/sericitic/chloritic alteration via halos/stringers/dissemination.								
1048.32	**1048.80**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Medium to coarse grained K-spar. Very low sulphide content. Fine to medium grained qtz.								
1048.80	**1057.19**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains fine to medium grained qtz phenocrysts which are poorly formed producing a weak to moderate dioritic appearance. Some sections exhibit a conglomeratic texture due to quartz veining/flooding along foliation planes producing quartz bands. Very low sulphide content overall Py 80 / Po 20. Foliation fabric is weak to moderate. Background amphibole content is highly variable ranging from 1-4% with ocassional short amphibolites up to 8cms contained throughout. Moderate to strong potassic alteration via halos/dissemination and stringers.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

1057.19 1059.45 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Moderate felsic background. A couple short FGS units contained within unit with upper contacts parallel to foliation. Moderate potassic/sericitic alteration via bands/halos at high angle to core axis trending with foliation fabric. Very low sulphide content. Moderate epidote content at lower contact. Low cpx presence

1059.45 1060.50 (FGS) Felsic Gneiss Sedimentary, ( )

Unit is highly gradational trending from very fine grained typical FGS to a coarse prophyritic sections with numerous medium grained quartz phenocrysts very similar to a QFP. Due to the variability and highly gradational textural exchange it would appear that FGS and QFP are part of the same sedimentary sequence. However to maintain consistency i have broken the coarse section out as a QFP in the next unit followed by another coarse grained FGS. Potassic alteration is moderate via halos and dissemination. Background amphibole content varies from 1-3%. Very low sulphide content with pyrite as the dominant variety Py 80 / Po 20.

1060.50 1063.95 (QFP) Quartz Feldspar Porphyry, ( )

Logged as a QFP but highly likely to be a coarse monomictic inmature well sorted conglomerate section within the FGS sedimentary sequence. Background amphibole content varies from 1-6%. Low sulphide content with pyrite as the main constituent Py 80 / Po 20. Unit contains a weak to moderate foliation fabric. Moderate sericitic/potassic alteration via halos/veinlets trending with folation fabric. Quartz phenocrysts range from 0.1-3.5mms and are mainly sub rounded and generally poorly formed

1063.95 1064.70 (FGS) Felsic Gneiss Sedimentary, ( )

Please refer to previous QFP and FGS units. This coarse FGS section is the lower section of a transitional FGS which fines towards upper and lower FGS with the coarse mid portion logged as a QFP. Background amphibole content varies from 1-4%. Very low sulphide content with pyrite as the main constiuent Py 80/ Po 20. Weak potassic/sericitic alteration via dissemination often following foliation fabric. Qtz phenocrysts range from 0.1-3.5mm's in size and are mainly subrounded.

1064.70 1065.83 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Moderate felsic background is high in potassic content. Ocassional FGS sections up to 5cms. Moderate potassic/sericitic alteration via halos/dissemination. Very low sulphide content with pyrite as the dominant variety Py 70 / Po 30. Unit exhibits a moderate foliation fabric.

1065.83 1067.56 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains very low sulphide content with pyrite as the dominant species Py 85 / Po 15.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Background amphibole content varies from 1-4%. Weak to moderate potassic alteration via stringers. Ocassional qtz phenocryst present ranging from 0.1-3.0mms								
1067.56	**1068.90**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Moderate felsic background. Moderate chloritic/potassic/sericitic alteration via halos/dissemination. Potential cordierite presence within top 15 cms of unit. Moderate epidote content throughout often in patches or fine grained aggregates. Low sulphide content with pyrite as the main constiuent Py 80 / Po 20.								
1068.90	**1096.86**	**(FGS) Felsic Gneiss Sedimentary, ( )** Large FGS package coarsening towards 1080-1088 and fine afterwards. Coarse section exhibits poorly formed qtz phenocrysts ranging from 0.1-3.5mms in size which are contain a distorted subrounded form. Background amphibole content is variable from 1-6% with an increase in coarse sections. Low sulphide content throughout with pyrite as the main species Py 85/Po15. Unit maintains a weak to moderate foliation fabric. Moderate to strong potassic/sericitic alteration via halos/dissemination which often follows foliation fabric.								
1096.86	**1097.56**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Moderate felsic background. Low sulphide content with pyrite as the main constiuent Py 75 / Po 25. Low cpx content. Weak to moderate foliation. Minor epidote presence								
1097.56	**1100.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weak to moderate foliation fabric. Background amphibole content varies from 1-6%. Moderate to strong potassic/sericitic/chloritic alteration via dissemination and halos. Low sulphide content overall with pyrite as the main species Py 75 / Po 25. Short barren pegmatite contained from 1098.90 - 1099.02.								
1100.48	**1100.88**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Moderate felsic background content. Very low sulphide Py 70 / Po 30. Weak sericitic alteration along foliation planes.								
1100.88	**1113.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weak to moderate dioritic fabric due to poorly formed qtz phenocrysts ranging from 0.1-3.0mms in size. Background amphibole content varies from 1-6%. Moderate conglomeratic texture due to thin quartz veining/flooding along foliation planes. Minor epidote content within quartz flooded areas. Sulphide content is low with pyrite as the main constiuent Py 80 / Po 20. Weak to moderate potassic/sericitic alteration via	D72008	1100.92	1101.29	0.37	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

dissemination/halos/stringers. Lamprophyre crosscuts the unit parallel to core axis from 1111.35-1113.10ms.

1113.10 1114.67 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Multiple generations of UMD/Lamps parallel to core axis.

1114.67 1118.92 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains numerous lamp dykelets. Strong sericitic/chloritic alteration via stringers. Weak to moderate potassic alteration via halos. Low sulphide content with pyrite as the main species Py 90 / Po 10. Ocassional qtz phenocrysts ranging from 0.1 - 2.5 mms present.

1118.92 1119.40 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS is highly gradational between upper and lower FGS units. Likely a sedimentary sequence trending towards finer material outwards. Qtz phenocrysts are poorly formed with weak potassic alteration. Low sulphide content with pyrite as the main constiuent Py 85 / Po 15. Background amphibole content is moderate

1119.40 1126.62 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains weak to moderate silicic alteration cocentrated 1123.00-1125.00ms. Low sulphide content with pyrite as the main species Py 85 / Po 15. Background amphibole content is low with a range of 1-3%. Weak potassic/sericitic alteration via dissemination and stringers. Moderate conglomeratic texture due to quartz flooding/veining along foliation planes. Last 2.0ms of unit contains qtz phenocrysts which are poorly formed and range 0.1-4.0mms.

1126.62 1131.46 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains a weak dioritic fabric due to fine grained poorly formed qtz phenocrysts. Back amphibole content is weak to moderate 1-7%. Very low sulphide content with pyrite as the main constiuent Py 80 / Po 20. Weak to moderate potassic alteration via halos.

1131.46 1132.52 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Amphibolite contains a weak to moderate felsic background content which appears to be mainly qtz and plag. Moderate to strong biotite content. Foliation fabric is generally moderate throughout. Sulphide content is moderately low with pyrite as the main constiuent Py 70 / Po 30. Ocassional thin barren white quartz vein along foliation planes present. Low cpx content. Moderate epidote content in the form of large fine grained patches/aggregates. Weak chloritic and sericitic alteration via dissemination and veinlets trending with foliation fabric.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

1132.52 1139.88 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains a weak to moderate dioritic fabric due to fine grained poorly formed qtz phenocrysts with a range of 0.1-3.0mms. Moderate to strong potassic/sericitic alteration via dissemination/halos/stringers. Sulphide content is low with pyrite as the main species Py 85 / Po 15. Background amphibole content is low but variable 1-5%. Three bull/white/barren quartz veins are contained throughout the unit.

1139.88 1141.80 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Amphibolite contains a weak to moderate felsic background content which appears to be mainly qtz and plag. Moderate to strong biotite content. Foliation fabric is generally moderate throughout. Sulphide content is moderately low with pyrite as the main constiuent Py 70 / Po 30. Ocassional thin barren white quartz vein along foliation planes present. Low cpx content. Moderate epidote content in the form of large fine grained patches/aggregates. Weak chloritic and sericitic alteration via dissemination and veinlets trending with foliation fabric.

1141.80 1147.36 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS due to poorly formed qtz phenocrysts with a range of 0.1-3.5mms. Unit is gradational between finer and coarser sections of the sedimentary sequence. Background amphibole content is fairly consistent at 4%. Moderate potassic alteration via halos/stringers/bands. Low sulphide content with pyrite as the main species Py 85 / Po 15. Biotite content increases downwards.

1147.36 1148.87 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Moderate felsic background contains a strong potassic signature. Ocassional poorly formed quartz phenocryst present with a range of 0.1-2.5mms. Unit contains a moderately strong foliation fabric. Amphiboles are fine - medium grained and trend with foliation. CPX content is moderately high and fine grained. Sulphide content is low with Pyrite as the main constiuent Py 75 / Po 25. Weak to strong chloritic/sericitic alteration via dissemination and halos.

1148.87 1152.75 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS wit hpoorly formed qtz phenocrysts ranging in size 0.1-5.0 mms. Weak to strong potassic/sericitic alteration via stringers/halos/dissemination which often trends with foliation fabric. Low sulphide content with pyrite as the main constiuent Py 85 / Po 15. Background amphibole content is low ranging from 1-3%. Weak foliation fabric. Ocassional quartz eye present.

1152.75 1155.77 (AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Amphibolite contains a few short sections of coarse FGS. Low cpx content with the exception of a boudin at 1154.30cms. Unit generally contains moderate foliation fabric throughout. Low sulphide content overall but an increase from 1155.35-155.65. Both pyrite and pyrrhotite are present throughout with pyrite being slightly more dominant Py 60/Po40. Ocassional fine to medium grained garnet observable. Weak to moderate sericitic alteration via bands/veinlets at moderate to high angle to core axis.								
1155.77	**1156.23**	**(QFP) Quartz Feldspar Porphyry, ( )** Short QFP with fine to medium grained qtz phenocrysts which are mainly sub rounded. Background amphibole content is consistent at 6%. Moderately strong biotite content at 18%. Low sulphide content with pyrite as the main constiuent. Moderate foliation fabric is consitent. Thin QV2 contained in mid portion of unit but is barren. Weak to moderate sericitic alteration via veinlets. Weak potassic alteration appears to be selective to phenocrysts.								
1156.23	**1157.34**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Generally low amphibole content with numerous thin sections of FGS present throughout. Sulphide content is moderately low with both pyrite and pyrrhotite present Py 70 / Po 30. Foliation fabric is moderate and consistent throughout unit. Moderate to strong potassic/sericitic alteration via dissemination/halos/stringers. Short barren pegmatite contained from 1156.90-1157.15ms containing numerous massive amphibole examples.								
1157.34	**1178.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS due to poorly formed qtz phenocrysts ranging in size from 0.1-6.0mms. Moderate to strong potassic alteration via halos/dissemination/stringers. Moderate to strong sericitic alteration via halos/stringers. Moderate to strong chloritic alteration via dissemination. Sulphide content is low with the exception of thin pegmatitic veins reveal a slight increase with some fine grained pyrite. Py 80 / Po 20. Moderate foliation fabric is fairly consistent throughout. Background amphibole content is generally low 1-2% but varies with short localized areas reaching 6-8%. Cpx content is very low but small aggregates are present in amphibole richer areas. Minor epidote in alteration areas.								
1178.20	**1178.85**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Fine to medium grained pegmatite. 60% Qtz 30% K-spar 6% Bio. Weak to moderate chloritic alteration via dissemination. Very low sulphide content								
1178.85	**1179.78**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP is more likely a coarse grained FGS as it is gradational. Background amphibole content is moderate and consistent 4%. Two short barren pegmatites are contained within the unit. Fine to medium grained poorly formed quartz phenocrysts throughout with weak to moderate potassic alteration. Low sulphide content								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1179.78	**1180.58**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Parent unit is an FGS but sufficient amphibole/cpx content is present in moderate to strong quantity and increasing towards lower contact. Low sulphide content with pyrite as the dominant variety Py 85/Po15. Moderate cpx content present in the form of small fine grained aggregates/patches. Moderate foliation fabric. Weak conglomeratic appearance due to quartz flooding/veining along folation planes. Weak to strong sericitic/potassic alteration via dissemination along foliation planes and stringers.								
1180.58	**1181.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Very low sulphide content with pyrite as the dominant variety Py 85 / Po 15. Moderate to strong potassic/sericitic alteration via dissemination/stringers/halos. Weak to moderate foliation fabric. Weak background amphibole content varies 1-4%.								
1181.65	**1182.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained UMD-Lamprophyre. Fine grained carbonate xenoliths and amygdules								
1182.25	**1193.92**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains a weak to moderate dioritic fabric due to fine-medium grained poorly formed quartz phenocrysts. Moderate to strong potassic/sericitic alteration via stringers/halos/pervasive flooding. Foliation fabric is weak to moderate throughout. Very low sulphide content with pyrite as the dominant species Py 85 / Po 15. Background amphibole content is variable 1-4%. Short pegmatites contained within last 40 cms of the unit with massive amphibole specimens.	D72009	1193.18	1193.92	0.74	0.073	AGAT_FAICP		
1193.92	**1199.15**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Weak to moderate felsic background content. Sulphide content is high with both pyrite and pyrrhotite present Py 70 / Po 30. Sulphide concentration occurs at 1196.00-1196.60ms. Moderate to strong epidote presence in areas with high sulphide content. Weak to moderate cpx presence. A few large scale F2 open folds present. Moderate to strong chloritic alteration via dissemination.	D72010	1193.92	1194.8	0.88	0.036	AGAT_FAICP		
			D72011	1194.8	1195.28	0.48	0.002	AGAT_FAICP		
			D72013	1195.28	1196.05	0.77	0.031	AGAT_FAICP		
			D72014	1196.05	1196.6	0.55	0.267	AGAT_FAICP		
			D72015	1196.6	1197.66	1.06	0.021	AGAT_FAICP		
			D72016	1197.66	1198	0.34	0.085	AGAT_FAICP		
			D72017	1198	1198.7	0.7	0.011	AGAT_FAICP		
			D72019	1198.7	1199.15	0.45	0.048	AGAT_FAICP		
1199.15	**1204.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains moderate to strong potassic alteration via halos and dissemination. Numerous quartz/carbonate veinelts/stringers present in lower half of unit. Very low sulphide content								

with pyrite as the dominant variety Py 85 / Po 15. Background amphibole content is weak to moderate 1-6%. Weak to moderate foliation fabric. Thin pegmatitic barren veins present in upper 2ms of unit.

1204.40 1205.15 (UMD) UM\LAMP Dike, ( )

Looks similar to Diasbase but strong carbonate matrix and xenoliths. Qtz/carbonate stringers and bands throughout. Xenoliths present at upper and lower contact chill margins.

1205.15 1211.05 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains a strong influx of quartz/carbonate flooding/veining which makes it appear bleached. Low sulphide content with pyrite as the main constiuent Py 85 / Po 15. Weak background amphibole content 1-3%. Weak to moderate foliation fabric. Weak to moderate dioritic texture due to poorly formed quartz phenocrysts with a range of 0.1 - 4.5mms. Quartz eyes also present but often in short sections. Strong potassic/sericitic alteration via dissemination and halos

1211.05 1211.92 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Qtz 60% K-spar 35% Bio 5%. Very low sulphide content. Fine to medium grained pegmatite.

1211.92 1212.26 (FGS) Felsic Gneiss Sedimentary, ( )

Short section of what was FGS which has gone under strong quartz/carbonate flooding. Low sulphide content. Weak chloritic alteration via dissemination. Small beryls present but only trace

1212.26 1213.05 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 60% K-spar 35% Bio 5%. Very low sulphide content. Fine to medium grained pegmatite. Minor tourmaline. Hematitic alteration via veinlets

1213.05 1213.88 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains strong quartz/carbonate flooding/veining producing a bleach appearance. Very low sulphide content with pyrite as the dominant variety. Moderate potassic alteration via dissemination and halos.

1213.88 1215.74 (QFP) Quartz Feldspar Porphyry, ( )

Fine to medium grained quartz phenocrysts ranging in size from 0.1-8.0mms. Background

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

amphibole content is low but observable at 2%. Very low sulphide content with pyrite as the dominant species Py 90 / Po 10. Weak foliation fabric throughout. Moderate ptoassic alteration via selective signature as it is localized to qtz phenocrysts.

1215.74 1216.06 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Short quartz rich pegmatite Qtz 80% Feld 15% Bio 4%. Pegmatite is fine to medium grained. Very low sulphide content. Weak to moderate potassic and potentially hematitic alteration via stringers.

1216.06 1220.50 (QFP) Quartz Feldspar Porphyry, ( )

Fine to medium grained quartz phenocrysts ranging in size from 0.1-8.0mms. Background amphibole content is low but observable at 2%. Very low sulphide content with pyrite as the dominant species Py 90 / Po 10. Weak foliation fabric throughout. Moderate ptoassic alteration via selective signature as it is localized to qtz phenocrysts. Weak to moderate sericitic/chloritic alteration via dissemination which often trends with foliation fabric.

1220.50 1222.57 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre contains very fine to fine grained quartz carbonate xenoliths amygdules and stringers. Upper and lower chill margins present.

1222.57 1229.30 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains long sections of quartz/carbonate flooding producing a bleeched appearance. Very low sulphide content throughout with pyrite as the dominant variety Py 75 / Po 25. Weak to moderate foliation fabric. Weak to moderate potassic/sericitic alteration via stringers/dissemination/halos. Strong silicic alteration via dissemination. Several F2 folds with pegmatite but may be a migmatite.

1229.30 1231.35 (DIO) Diorite, ( )

Diorite contains fine grained qtz phenocrysts which are generally poorly formed and range 0.1-2.0 mms in size. Background amphibole content is generally moderate and consistent at 3-4%. Very low sulphide content with pyrite as the dominant variety. Moderate to strong sericitic alteration via bands/stringers with one large dissemination patch 1230.95-1231.35 due to a thin lamprophyre crosscutting the unit at moderate angle. Weak to moderate potassic alteration via bands and stringers.

1231.35 1238.80 (FGS) Felsic Gneiss Sedimentary, ( )

Upper contact is parallel to foliation. Very low sulphide content with pyrite as the main constiuent Py 80 / Po 20. Weak to moderate potassic alteration via dissemination/halos/bands/stringers and selective signatures with pegmatitic/migmatitic

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		folding. Numerous large pods/aggregates of amphibole/amphibolite 2-8cms present as well as background amphibole throughout aka volcanic material of various size has been added to this sedimentary package. Weak to moderate foliation fabric present.								
1238.80	**1239.20**	**(AMP) Amphibolite, ( )** Upper contact parallel to foliation. Short amphibolie contains slivers of FGS within. Several large pods/blebs of amphibolite/amphibole present. Very low sulphide content. Moderate epidote presence in the top 15cms of unit. Fine grained amphibole content within matrix of FGS. Very low cpx.	D72020	1238.8	1239.54	0.74	0.013	AGAT_FAICP		
1239.20	**1239.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Short FGS contains moderate to strong amphibole content within matrix as well as a couple small aggregates. Moderate potassic alteration via dissemination. Cpx observable but low concentration. Very low sulphide content. Weak to moderate folation fabric								
1239.55	**1240.80**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )** Numerous slivers of FGS and amphibole/amphibolite pods/blebs throughout. Weak to moderate potassic/sericitic alteration via dissemination and halos. Converging S1 foliation in first 30cms of unit. Large F2 folds. Low sulphide content with pyrite as the main constiuent Py 70 / Po 30. Weak to moderate foliation fabric.	D72021	1239.54	1240.33	0.79	0.008	AGAT_FAICP		
1240.80	**1242.34**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Upper contact parallel to foliation. Pegmatite is fine to medium grained. Several amphibolite pods/blebs present. Very low suphide content. Qtz 45% K-spar 35% Bio 6% Amp 10%	D72022	1240.33	1241.83	1.5	0.005	AGAT_FAICP		
			D72023	1241.83	1242.34	0.51	0.003	AGAT_FAICP		
1242.34	**1247.56**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )** Converging foliations from 1244.25-1244.85ms due to open-close F2 folds. Several thin sections of FGS contained throughout. Large amphibolite/amphibole pods/blebs throughout. Migmatitic/pegmatitic veins throughout but do not contain significant sulphides. Unit overall contains moderately low sulphide content with pyrite as the dominant species Py 70 / Po 30. Fine to medium grained red garnets are consistent throughout. Cpx content is moderately low via dissemination and medium sized blebs. Weak to moderate potassic alteration via dissemination and selective signatures	D72024	1242.34	1243.38	1.04	0.023	AGAT_FAICP		
			D72025	1243.38	1244.3	0.92	0.014	AGAT_FAICP		
			D72027	1244.3	1245.32	1.02	0.01	AGAT_FAICP		
			D72028	1245.32	1246.7	1.38	0.03	AGAT_FAICP		
			D72029	1246.7	1247.56	0.86	0.015	AGAT_FAICP		
1247.56	**1251.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with moderate background amphibole content as well as short bands/pods of amphibole. Could be DIOAM. Foliation fabric is weak to moderate. Weak dioritic fabric due to poorly formed qtz phenocrysts ranging from 0.1-2.5 mms. Weak to moderate potassic alteration via dissemination. Thin/short pegmatites/migmatites crosscut the unit but are	D72030	1247.56	1248.58	1.02	0.007	AGAT_FAICP		
			D72031	1248.58	1249.91	1.33	0.014	AGAT_FAICP		
			D72033	1249.91	1250.5	0.59	0.028	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
barren. Sulphide content is low with pyrite as the dominant species Py 85 / Po 15.			D72034	1250.5	1251.85	1.35	0.026	AGAT_FAICP		
1251.85	**1254.75**	**(AMP) Amphibolite, ( )**	D72035	1251.85	1252.85	1	0.01	AGAT_FAICP		
Moderately low sulphide content with some patches of pyrite in areas with epidote increase. Majority of sulphide content is pyrite Py 75 / Po 25. Moderate to strong chloritic/potassic alteration via dissemination. Minor cpx content in the form of fine grained aggreagates and dissemination. Moderate epidote presence in the form of fine grained aggregates. Short FGS-DIOAM contained from 1253.06-1253.22ms. Weak foliation fabric			D72036	1252.85	1253.54	0.69	0.012	AGAT_FAICP		
			D72037	1253.54	1254.1	0.56	0.196	AGAT_FAICP		
			D72039	1254.1	1254.75	0.65	0.1	AGAT_FAICP		
1254.75	**1258.08**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS-DIOAM. Weak to moderate porphyritic texture due to poorly formed quartz phenocrysts. Background amphibole content is moderate and consistent 12%. Weak folation fabric. Weak to moderate potassic/chloritic alteration via dissemination/halos/bands. Very low sulphide content with pyrite as the main species Py 90 / Po 10.										
1258.08	**1263.22**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Grey FGS. Very siliceous groundmass hosting 15% dissem biot; alignment imparts very weak foliation; 10% POB AMP mostly mm scale with rare cm scale porphs. Trace fine dissem Py. Minor pink K alt in partial melt enclaves; comingled with trace interstitial Ser. No significant veining.										
1263.22	**1264.75**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Fspr dominated PEG with varying grain size; mm to cm scale xls; occ prominent cm scale grey subhedral fspr xls. Significant alteration: diffuse pervasive pink K alt; minor interstitial Ser alt; minor locally strong red Hem alt. No signif sulfs; trace fine dissem Py within minor FGS xenolith.										
1264.75	**1267.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
FGS as desc in 1258.08-1263.22m. Enclave of strong Ser-Silic alteration 1266.50-1266.70m; fine grained; bleached appearance; foliation concordant contacts. No vis sulfs.										
1267.70	**1268.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
PEG as desc in 1263.22-1264.75m										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1268.50	**1269.33**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
FGS as desc in 1258.08-1263.22m. Enclave of strong Ser-K-Silic alt 1269-1269.24m										
1269.33	**1270.03**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Equigranular PEG. Composition as previously desc. No vis sulfs. Minor high angle bull white qz vein; no vis sulfs; ~5cm.										
1270.03	**1275.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
FGS as desc in 1258.08-1263.22m but with visibly elevated AMP content. 15-20% POB AMP; mm scale; dissem. Biot as prev. Visibly elevated sulfs: 1% fine dissem Py throughout; rare mm scale clots in qz veins. Minor K-Ser-Silic alteration present in narrow halos surrounding fracs and veins. 1% qz-fspr veins; <2cm; strongly deformed/folded; minor Py clots.										
1275.75	**1277.00**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)**								
PEG: mostly equigranular; granitic; apparently folded; no signif sulfs; cut by later minor qz veins. FGS: as desc in 1270.03-1275.75m. Minor dissem labradorite distinguishes this unit from prev.										
1277.00	**1299.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Grey FGS with fine siliceous groundmass hosting dissem POB biot-amp (~25% combined abundance). ~7% dissem labradorite: equant; mm scale; blue. No significant sulfs; trace Py dissem and minor clots in veins. Weakly altered overall: K alt sequestered in PEGs and qz-fspr veins; Ser-Silic alts locally strong in occ dm scale enclaves; trace Hem frac controlled in veins/PEGs. 3% veining overall: cm scale <5cm qz-fspr veins; barren; mostly concordant; weak K alt; often hosting coarse amp and biot clots. Varying weakly developed foliation imparted by alignment of biot and amp porphs. Rare minor AMP beds <5cm.										
1299.75	**1301.00**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Fspr dominated PEG. Characterized by cm scale smokey grey subhedral fspr xls with white alteration rims. Minor coarse biot and amp clots. No vis sulfs. Minor diffuse pink K alt.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1301.00	**1311.86**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as desc in 1277-1299.75m. 22cm qv at 1305.28m								
1311.86	**1312.48**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Partial melt of amp-rich FGS. Groundmass is visibly more quarzose than surrounding FGS; aphanitic; hosts 25% coarse dissem amp porphs. Groundmass also comprise significant fine pink fpsr; ~15%; subhedral. 7% dissem labradorite. Trace fine dissem Py. Interval begins with 15cm enclave of strong Ser-Silic-K alteration.								
1312.48	**1329.42**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as desc in 1277-1299.75m. Notable texture change between 1328.38-1328.90m: cm scale amp porph aggs organized into apparently folded white qz bands; host material is typical FGS devoid of amp.	D72040	1326	1327	1	0.034	AGAT_FAICP		
			D72041	1327	1328	1	0.025	AGAT_FAICP		
			D72042	1328	1328.5	0.5	2.13	AGAT_FAICP		
			D72043	1328.5	1329	0.5	0.308	AGAT_FAICP		
			D72044	1329	1329.42	0.42	0.034	AGAT_FAICP		
1329.42	**1330.90**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Overall intermediate composition; >50% amphibole. Occ dm scale enclaves of FGS. Varying texture: fine and equigranular to porphyroblastic. Locally strong alteration 1329.92-1330.08m: Ser-Silic-K; bleached appearance; pale pink-green. Coarse clotty Po in cm scale QV.	D72045	1329.42	1330.2	0.78	0.053	AGAT_FAICP		
			D72047	1330.2	1330.9	0.7	0.059	AGAT_FAICP		
1330.90	**1334.13**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey siliceous FGS with occ dm scale enclaves of AMP. 15% fine dissem biot; alignment imparts weak foliation. Varying amp content; 0-15%; POB where present; mm scale. Where amp is present foliation is highlighted by tan-yellow very fine Ser hyphae. Occ quarzose enclaves comprise opq white qz-fspr with coarse amp-cpy porphs. Minor fine dissem Py throughout.	D72048	1330.9	1331.43	0.53	0.032	AGAT_FAICP		
			D72049	1331.43	1332	0.57	0.048	AGAT_FAICP		
			D72050	1332	1332.6	0.6	0.021	AGAT_FAICP		
			D72051	1332.6	1333.4	0.8	0.019	AGAT_FAICP		
			D72053	1333.4	1334.13	0.73	0.022	AGAT_FAICP		
1334.13	**1334.65**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Mottled grey-white qz-fspr flooded interval with altered sericitic host selvages. Trace fine Py. Minor fine blebby dark red Hem.	D72054	1334.13	1334.65	0.52	0.024	AGAT_FAICP		
1334.65	**1344.94**	**(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	D72055	1334.65	1335.3	0.65	0.049	AGAT_FAICP		
		Aphanitic siliceous groundmass with varying amount of biot-amp porphs. Overall combined 25% biot-amp porphs; alignment imparts weak foliation; mm scale <3mm. ~1% very fine dissem Py throughout. Occ discrete dm scale enclaves of strong Ser-Silic alt. 2% veining abundance; cm scale; mostly <5cm; rarely dm scale; mostly barren.	D72056	1335.3	1336	0.7	0.015	AGAT_FAICP		
			D72057	1336	1336.7	0.7	0.019	AGAT_FAICP		
			D72059	1336.7	1337	0.3	0.041	AGAT_FAICP		
			D72060	1337	1337.8	0.8	0.024	AGAT_FAICP		
			D72061	1337.8	1338.2	0.4	0.037	AGAT_FAICP		
			D72062	1338.2	1339	0.8	0.016	AGAT_FAICP		
			D72063	1339	1340	1	0.016	AGAT_FAICP		
			D72064	1340	1341	1	0.026	AGAT_FAICP		

1344.94 1345.72 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Dark green; equigranular; mm scale euhedral xls. Minor qz-fsp enclaves; cm scale; hosting light green cpx and prominent yellow Ser alt. No signif sulfs. Grades to intermediate composition at end of interval.

1345.72 1358.33 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS with significant amp content; felsic to intermediate composition. Banded appearance: mm to cm scale felsic lithons intercalated with similarly sized intermediate to mafic lithons; imparts moderate to strong foliation. Overall ~30% amp present as bands and mm scale poprhs. ~15% fine dissem biot. Prominent dm to m scale enclaves of locally strong Ser-Silic-K alt; banded teture obliterated by alteration. Altered enclaves characterized by chaotic microfracs with strong alteration halos. Trace very fine dissem Py. ~3% veins/PEGs; cm scale <5cm; concordant to high angle; no significant sulfs. Foliation attitude varies notably; no indication of folding.

1358.33 1359.02 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained; equigranular. ~60% combined biot-amp content; mm scale xls <5mm; alignment imparts foliation. No vis sulfs. Occ cm scale enclaves of strong Ser-K-Chl alt; banded pink-green-white.

1359.02 1372.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 1345.72-1358.33m but texturally distinct. Characterized by coarse POB amp; cm scale <2cm; amorphous. Matrix is very fine grained; qz-fspr with fine dissem biot. Minor enclaves of trace fine dissem Po. Well preserved F2 fold proximal to lower contact.

1372.30 1373.00 (UMD) UM\LAMP 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 very fine grained groundmass hosting 20% coarse fspr porphs. No vis sulfs. Not magnetic. Moderate alteration at contacts.								
1373.00	**1379.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Mostly as desc in prev FGS intervals. Varying texture: banded; POB; weakly foliated where amp content is diminished. No vis sulfs. Patchy Ser-Silic enclaves typical of FGS at this depth.								
1379.05	**1379.62**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Aphanitic opq white qz with minor coarse aggs of white-pink fspr. Minor mm scale cps clots. Trace fine Po-Py assoc with colonies of fine biot. Strongly altered host rock at contacts.								
1379.62	**1380.45**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained; dark green. Alignment of fine biot-amp imparts weak foliation. No vis sulfs. 2% fine qz veinlets (<3mm) concordant with foliation. Strong alteration at upper contact; Ser-Cpx-Silic assemblage.								
1380.45	**1388.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Varying texture; porphyritic to aphanitic; dominated by the former. Porphyritic segments exhibit elevated biot (20%) and 20% mm scale subround qz porphs. Aphanitic segments lack porphs; characterized by very fine dissem aligned biot (10%). No vis sulfs. Minor alt: dm scale enclaves of weak Ser-Silic alt. No signif veining.								
1388.20	**1390.33**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Compositionally and texturally distinct from previous FGS. Biot drastically diminished; ~5%; very fine dissem. Strongly siliceous. Foliation is absent. No vis sulfs. Moderate patchy alt: Ser-Silic-K assemblage.	D72065	1389	1390.33	1.33	0.056	AGAT_FAICP		
1390.33	**1399.30**	**(FGG) Felsic Gneiss Granitic, ( )** Varying texture throughout unit: mostly classis FGG banded and clotty with occ dm scale enclaves of massive siliceous qz-fspr rock. Incipient musc at top of unit; becomes more coarse and more prominent downhole; dissem and clotty. Minor very fine dissem Py-Po; trace. Occ cm scale PEGs; <10cm. Occ dm scale qz-fspr veins (3%) with prominent coarse euhedral biot-musc clots; cm scale <3cm. Fine biot present in minor amounts throughout. Amp mostly absent except for rare enclaves.	D72067	1390.33	1391	0.67	0.154	AGAT_FAICP		
			D72068	1391	1391.5	0.5	0.81	AGAT_FAICP		
			D72069	1391.5	1392	0.5	0.405	AGAT_FAICP		
			D72070	1392	1392.5	0.5	0.554	AGAT_FAICP		
			D72071	1392.5	1393	0.5	0.978	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72073	1393	1394	1	0.916	AGAT_FAICP		
			D72074	1394	1395	1	0.889	AGAT_FAICP		
			D72075	1395	1396	1	0.526	AGAT_FAICP		
			D72076	1396	1396.35	0.35	0.101	AGAT_FAICP		
			D72077	1396.35	1397	0.65	0.214	AGAT_FAICP		
			D72079	1397	1397.6	0.6	0.797	AGAT_FAICP		
			D72080	1397.6	1398.35	0.75	0.753	AGAT_FAICP		
			D72081	1398.35	1399	0.65	0.645	AGAT_FAICP		
			D72082	1399	1399.3	0.3	0.732	AGAT_FAICP		
1399.30	**1399.65**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Mottlled grey-white intergrown qz-fspr (albite-plag); cm scale <3cm; euhedral. Minor coarse euhedral biot-musc clots. No vis sulfs. Diffuse contacts.	D72083	1399.3	1399.65	0.35	0.266	AGAT_FAICP		
1399.65	**1407.10**	**(FGG) Felsic Gneiss Granitic, ( )** As desc in 1390.33-1399.30m.	D72084	1399.65	1400.3	0.65	0.383	AGAT_FAICP		
			D72085	1400.3	1401	0.7	0.274	AGAT_FAICP		
			D72087	1401	1401.5	0.5	0.432	AGAT_FAICP		
			D72088	1401.5	1402	0.5	0.632	AGAT_FAICP		
			D72089	1402	1403	1	0.761	AGAT_FAICP		
			D72090	1403	1404	1	0.136	AGAT_FAICP		
			D72091	1404	1405	1	0.14	AGAT_FAICP		
			D72093	1405	1406	1	0.091	AGAT_FAICP		
			D72094	1406	1407.1	1.1	0.071	AGAT_FAICP		
1407.10	**1409.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Intermediate composition; possibly <50% amp. Possible silicified AMP. Rare coarse epidote xls on freshly broken surfaces. Very fine porphyritic texture imparted by 15% fspr porphs; mm scale <3mm; dissem; weakly elongate parallel to fol. Very finely spaced foliae imparted by aligned biot. Minor very fine dissem Py-Po. No signif alt. No veining.	D72095	1407.1	1408	0.9	0.073	AGAT_FAICP		
			D72096	1408	1408.5	0.5	0.321	AGAT_FAICP		
			D72097	1408.5	1409.3	0.8	0.04	AGAT_FAICP		
1409.30	**1412.07**	**(FGG) Felsic Gneiss Granitic, ( )** As desc in 1390.33-1399.30m. Increased musc relative to previous; clots becoming more coarse and prominent.	D72099	1409.3	1410	0.7	0.11	AGAT_FAICP		
			D72100	1410	1410.5	0.5	0.312	AGAT_FAICP		
			D72101	1410.5	1411	0.5	0.577	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72102	1411	1412.07	1.07	0.272	AGAT_FAICP		
1412.07	**1415.07**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained FGS with 15% fine subround qz-fspr porphs (<3mm). 15% fine dissem amp; amp is completely absent in surrounding FGG intervals. 20% fine dissem biot; alignment imparts foliation. Biot and amp attenuate downhole. Rare cm scale veining <10cm; opq white qz; barren; occ coarse biot-musc poprhs. Very fine dissem Po proximal to vein. Minor cm scale pegments of strong localized Ser-Silic-K alt; bleached appearance.	D72103	1412.07	1413	0.93	0.016	AGAT_FAICP		
			D72104	1413	1413.75	0.75	0.139	AGAT_FAICP		
			D72105	1413.75	1414.45	0.7	0.231	AGAT_FAICP		
			D72107	1414.45	1415.07	0.62	0.14	AGAT_FAICP		
1415.07	**1418.00**	**(FGG) Felsic Gneiss Granitic, ( )** As desc in 1409-1412.07m. Significant alteration: 1416.95-1417.90m; strong Ser-Silic-K-Chl assemblage. Trace very fine dissem Py.	D72108	1415.07	1416	0.93	0.044	AGAT_FAICP		
			D72109	1416	1416.85	0.85	0.055	AGAT_FAICP		
			D72110	1416.85	1417.4	0.55	0.034	AGAT_FAICP		
			D72111	1417.4	1418	0.6	0.184	AGAT_FAICP		
1418.00	**1425.80**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** GBFG with strong Po mineralization: overall 2%; locally 5% over 50cm; locally coarse stringers concordant with foliation; disseminated elsewhere. 30% biot: coarse; alignment imparts coarse prominent foliation. Foliation is distinctly folded at 1418.40m; F2; 3cm qz vein bisects hinge; strongest Po mins within and proximal to fold. Varying garnet distribution; dissem and forming dense cm scale colonies; xls <5mm; anhedral. Accessory amp; fine; dissem throughout. ~2% veining overall; cm scale <10cm; typically deformed; subparallel to foliation; not carrying significant mineralization but spatially assoc; also minor high angle PEGs <5cm.	D72113	1418	1418.6	0.6	0.201	AGAT_FAICP		
			D72114	1418.6	1419.1	0.5	0.286	AGAT_FAICP		
			D72115	1419.1	1419.6	0.5	0.187	AGAT_FAICP		
			D72116	1419.6	1420	0.4	0.128	AGAT_FAICP		
			D72117	1420	1420.5	0.5	0.108	AGAT_FAICP		
			D72119	1420.5	1421	0.5	0.083	AGAT_FAICP		
			D72120	1421	1421.5	0.5	0.066	AGAT_FAICP		
			D72121	1421.5	1422.4	0.9	0.073	AGAT_FAICP		
			D72122	1422.4	1422.9	0.5	0.053	AGAT_FAICP		
			D72123	1422.9	1423.6	0.7	0.035	AGAT_FAICP		
			D72124	1423.6	1424	0.4	0.067	AGAT_FAICP		
			D72125	1424	1425	1	0.066	AGAT_FAICP		
			D72127	1425	1425.8	0.8	0.245	AGAT_FAICP		
1425.80	**1427.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 1412.07-1415.07m. Very fine dissem Po throughout; <1%. No signif veining or alt. Elevated amp relative to surrounding units.	D72128	1425.8	1426.5	0.7	0.021	AGAT_FAICP		
			D72129	1426.5	1427.3	0.8	0.028	AGAT_FAICP		
1427.30	**1428.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
As desc in 1418-1425.8m. No signif veining; alt; or sulfs.			D72130	1427.3	1428	0.7	0.787	AGAT_FAICP		
1428.00	**1433.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS characterized by strong porphyritic texture: 15% dissem mm scale qz-fspr porphs; subround; weakly elongate. 10% fine biot; alignment imparts moderate fine foliation; deflects around qz-fspr porphs. 3% fine dissem amp. No vis sulfs. 5% combined PEG-QV; both barren. QV: barren; white; translucent. PEG: equigranular; mm scale xls; various angles; discordant. Occ cm scale enclaves of locally moderate Ser-Silic-K alt assemblage; assoc with late fracs/veinlets.	D72131	1428	1429	1	0.018	AGAT_FAICP		
			D72133	1429	1429.55	0.55	0.327	AGAT_FAICP		
			D72134	1429.55	1430.2	0.65	0.127	AGAT_FAICP		
			D72135	1430.2	1431	0.8	0.008	AGAT_FAICP		
			D72136	1431	1431.5	0.5	0.02	AGAT_FAICP		
			D72137	1431.5	1432	0.5	0.009	AGAT_FAICP		
			D72139	1432	1433	1	0.067	AGAT_FAICP		
			D72140	1433	1433.6	0.6	0.185	AGAT_FAICP		
1433.60	**1434.45**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Massive fine grained grey-brown groundmass hosting 15% fine carb porphs. No vis sulfs. Strong pale yellow-green alteration at margins. No mag.	D72141	1433.6	1434.45	0.85	0.059	AGAT_FAICP		
1434.45	**1446.27**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained FGS hosting 20% fine qz-fspr porphs (mm scale <3mm; weakly elongate parallel to fol). 20% fine dissem biot; alignment imparts foliation. 10% fine dissem amp. Trace very fine dissem Po throughout. Rare cm scale veins; 2%; discordant; subparallel to fol; occasional coarse hackly Po clots congregated in host at vein margins. Strongly siliceous; no other visible alt. Evidence of tight folding in narrow veinlets. 1443-1446.27m: grain size becomes much finer; perhaps indicates younging downhole? Composition appear to remain consistent.	D72142	1434.45	1435	0.55	0.137	AGAT_FAICP		
			D72143	1435	1435.5	0.5	0.275	AGAT_FAICP		
			D72144	1435.5	1436	0.5	0.347	AGAT_FAICP		
			D72145	1436	1436.4	0.4	0.122	AGAT_FAICP		
			D72147	1436.4	1437	0.6	0.796	AGAT_FAICP		
			D72148	1437	1438	1	0.524	AGAT_FAICP		
			D72149	1438	1438.85	0.85	0.803	AGAT_FAICP		
			D72150	1438.85	1439.2	0.35	0.097	AGAT_FAICP		
			D72151	1439.2	1440	0.8	2.69	AGAT_FAICP		
			D72153	1440	1441	1	0.229	AGAT_FAICP		
			D72154	1441	1442	1	2.38	AGAT_FAICP		
			D72155	1442	1443	1	0.317	AGAT_FAICP		
			D72156	1443	1444	1	0.028	AGAT_FAICP		
			D72157	1444	1444.85	0.85	0.164	AGAT_FAICP		
			D72159	1444.85	1445.15	0.3	0.624	AGAT_FAICP		
			D72160	1445.15	1445.5	0.35	0.056	AGAT_FAICP		
			D72161	1445.5	1446.27	0.77	0.106	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1446.27	**1452.50**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine grained qz-fspr groundmass hosting 40% coarse biot; alignment imparts prominent coarse foliation. 10% fine dissem amp. 10% fine to coarse red garnet; subhedral; concentration varies; attenuates with depth. 2% fine to coarse hackly Po dissem throughout; elongate; aligned with fol. 2% veining; cm scale <5cm; very dark grey; difficult to distinguish from host; concordant; occ folded; hosting minor Po; additional Po congregated at margins in host. Unit hosts several prominent dm scale enclaves of intense alteration; Ser-Silic-K assemblage; distinctive pale pink-green colouration. Unit becomes fine grained downhole; grades into FGS as garnet and biotitie attenuate. Occ dm scale enclaves of 20% fspr porphs.	D72162	1446.27	1446.85	0.58	2	AGAT_FAICP		
			D72163	1446.85	1447.5	0.65	1.06	AGAT_FAICP		
			D72164	1447.5	1448	0.5	1.58	AGAT_FAICP		
			D72165	1448	1448.55	0.55	2.88	AGAT_FAICP		
			D72167	1448.55	1449	0.45	0.525	AGAT_FAICP		
			D72168	1449	1449.5	0.5	3.21	AGAT_FAICP		
			D72169	1449.5	1450	0.5	1.1	AGAT_FAICP		
			D72170	1450	1451	1	0.901	AGAT_FAICP		
			D72171	1451	1451.6	0.6	1.37	AGAT_FAICP		
			D72173	1451.6	1452.25	0.65	0.919	AGAT_FAICP		
			D72174	1452.25	1452.6	0.35	0.239	AGAT_FAICP		
1452.50	**1453.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained; equigranular. Weak foliation development. No vis sulfs or alt. No veining.	D72175	1452.6	1453.1	0.5	0.072	AGAT_FAICP		
1453.10	**1453.48**	**(QFP) Quartz Feldspar Porphyry, ( )** Characterized by 30% coarse qz-fspr porphs; dissem; weakly elongate; <1cm. 20% biot; aligment imparts coarse foliation; deforms around poprhs. 1% dissem Po; lenticular; foliation controlled; mm scale <5mm. No veining.	D72176	1453.1	1453.48	0.38	0.148	AGAT_FAICP		
1453.48	**1455.64**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Mottled grey-white qz; aphanitic. Hosts 4% coarse clotty Po; mm to cm scale <5cm elongate clots; weakly aligned. Trace dissem anhedral musc porphs. Minor archipelagos of mm scale pink-white fspr clots. Vein is discordant with surrounding foliation.	D72177	1453.48	1454	0.52	0.105	AGAT_FAICP		
			D72179	1454	1454.45	0.45	0.094	AGAT_FAICP		
			D72180	1454.45	1455	0.55	0.885	AGAT_FAICP		
			D72181	1455	1455.64	0.64	0.68	AGAT_FAICP		
1455.64	**1459.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by distinctive melt texture and apparent strong ductile deformation. Strongly altered throughout: Ser-Silic-K assemblage; highly variable colour and texture resulting from alteration. Pervasive healed microfrac swarm with prominent Ser-Silic halos. Highly siliceous with accessory biot and amp; varying composition; minor cm scale AMP enclaves; overall 15% coarse dissem biot. 1% fine dissem Po in cm to dm scale enclaves. No significant veining.	D72182	1455.64	1456.4	0.76	1.87	AGAT_FAICP		
			D72183	1456.4	1457	0.6	0.502	AGAT_FAICP		
			D72184	1457	1458	1	1.38	AGAT_FAICP		
			D72185	1458	1459	1	0.145	AGAT_FAICP		
			D72187	1459	1459.9	0.9	0.064	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1459.90	**1460.30**	**(MAM) Mottled Amphibolite, (MAM) Mottled Amphibolite** Typical compositional banding indicative of MAM. Clotty amp; mm to cm scale; amorphous. White Qz-Fspr groundmass; aphanitic. 1% fine dissem Po throughout.	D72188	1459.9	1460.3	0.4	0.275	AGAT_FAICP		
1460.30	**1460.90**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Aphanitic opq white qz with 20% mm scale clotty amp throughout. Discordant. No vis sulfs.	D72189	1460.3	1460.9	0.6	0.378	AGAT_FAICP		
1460.90	**1463.42**	**(MAM) Mottled Amphibolite, ( )** As desc in 1459.1-1460.3m. Very fine dissem Po throughout. Occ dm scale enclaves of intermediate to felsic rock; gradational contacts with surrounding amphibolitic segments. No significant veining; occ amorphous quarzose masses.	D72190	1460.9	1462	1.1	1.05	AGAT_FAICP		
			D72191	1462	1463	1	0.687	AGAT_FAICP		
			D72193	1463	1463.42	0.42	0.781	AGAT_FAICP		
1463.42	**1466.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Massive FGS with occ cm to dm scale enclaves of AMP. ~5% fine dissem biot. No signif amp outside of AMP enclaves. Minor very fine dissem Po throughout; slightly elevated in AMP enclaves. Occ cm scale pegmatitic veins characterized by coarse biot and elevated Po; discordant; irregular contacts. No significant alteration.	D72194	1463.42	1464	0.58	0.713	AGAT_FAICP		
			D72195	1464	1464.4	0.4	0.196	AGAT_FAICP		
			D72196	1464.4	1465	0.6	0.398	AGAT_FAICP		
			D72197	1465	1466.2	1.2	0.458	AGAT_FAICP		
1466.20	**1466.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Very fine; equigranular. Very fine dissem Po throughout. No significant veining or alteration. 65% amp.	D72199	1466.2	1466.65	0.45	0.575	AGAT_FAICP		
1466.65	**1467.90**	**(FGS, MAM) Felsic Gneiss Sedimentary, Mottled Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS as desc in 1463.42-1466.2m. MAM as desc in 1460.9-1463.42m. Minor enclave of AMP. No vis sulfs. No significant alt.	D72200	1466.65	1467.2	0.55	0.335	AGAT_FAICP		
			D72201	1467.2	1467.9	0.7	2.36	AGAT_FAICP		
1467.90	**1468.65**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained; equigranular with weak compositional banding. 1% fine dissem Po; elevated relative to surrounding units. Weak Ser alt assoc with minor healed fracturing. No significant veining. Weak to moderate foliation; accentuated by alignment of fine dissem Po.	D72202	1467.9	1468.65	0.75	0.802	AGAT_FAICP		
1468.65	**1469.18**	**(QFP) Quartz Feldspar Porphyry, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine grained qz-fspr groundmass hosting 25% mm scale elongate fspr porphs. Alignment of porphs and biot imparts strong foliation. Trace very fine dissem Po throughout. No veining. No vis alt.	D72203	1468.65	1469.18	0.53	0.084	AGAT_FAICP		
1469.18	**1471.50**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72204	1469.18	1469.85	0.67	0.259	AGAT_FAICP		
		AMP as desc in 1467.9-1468.65m; also hosts minor fine dissem white fspr porphs; 7%. Minor FGS hosting discordant pegmatitic qv; 15% dissem fine biot porphs. Minor fine dissem Po in AMP. Strongly altered at bottom of interval.	D72205	1469.85	1470.55	0.7	0.899	AGAT_FAICP		
			D72207	1470.55	1471.5	0.95	0.295	AGAT_FAICP		
1471.50	**1480.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72208	1471.5	1472	0.5	0.043	AGAT_FAICP		
		Characterized by occasional quarzose bands (<2cm; foliation concord) hosting coarse amp blebs. Trace very fine dissem Po in enclaves of elevated amp content. 15% fine dissem biot; alignment imparts moderate to strong foliation. Overall 8% amp; present as blebs and as fine xls in diffuse cm scale enclaves. 2% veining; mostly narrow and concordant <3cm; often weakly boudinaged. Coarse Py-Po in vein at 1474.27-1474.37m.	D72209	1472	1473	1	0.239	AGAT_FAICP		
			D72210	1473	1474	1	0.063	AGAT_FAICP		
			D72211	1474	1474.5	0.5	0.079	AGAT_FAICP		
			D72213	1474.5	1475	0.5	0.083	AGAT_FAICP		
			D72214	1475	1476	1	0.048	AGAT_FAICP		
			D72215	1476	1477	1	0.01	AGAT_FAICP		
			D72216	1477	1478	1	0.021	AGAT_FAICP		
			D72217	1478	1479	1	0.018	AGAT_FAICP		
			D72219	1479	1479.8	0.8	0.02	AGAT_FAICP		
			D72220	1479.8	1480.55	0.75	0.012	AGAT_FAICP		
1480.55	**1481.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D72221	1480.55	1481.5	0.95	0.005	AGAT_FAICP		
		Fine grained dark brown groundmass hosting 30% fine carb poprhs; <2mm; dissem. No vis sulfs. Weakly altered margins.								
1481.50	**1482.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72222	1481.5	1482	0.5	0.202	AGAT_FAICP		
		FGS as desc in 1471.5-1480.55m								
1482.00	**1482.55**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D72223	1482	1482.55	0.55	0.006	AGAT_FAICP		
		LAMP as desc in 1480.55-1481.5m								
1482.55	**1483.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29%**	D72224	1482.55	1483	0.45	0.131	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 FGS as desc in 1471.5-1480.55m								
1483.00	**1483.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Aphanitic qz-fpsr groundmass with combined 70% biot-amp. Characterized by dissem mm scale biot and amp xls; imparts dark geend colouration. 2% coarse dissem Po; congregated into loose bands/stringers. Occ late healed fracs; low angle. Grades into FGS downhole. No vis alt.	D72225	1483	1483.8	0.8	0.231	AGAT_FAICP		
1483.80	**1485.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Amp-rich FGS; intermediate comp; ~30% amp though varies throughout interval. Fine to coarse amp porphs; stretching and alignment imparts coarse fol. 10% fine dissem biot; aligned. Trace fine dissem Py. No significant veining.	D72227	1483.8	1485	1.2	0.018	AGAT_FAICP		
			D72228	1485	1485.7	0.7	0.007	AGAT_FAICP		
1485.70	**1487.45**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** As desc in 1480.55-1481.5m. Minor FGS at 1469.9-1487.17m	D72229	1485.7	1486.2	0.5	0.004	AGAT_FAICP		
			D72230	1486.2	1486.9	0.7	0.001	AGAT_FAICP		
			D72231	1486.9	1487.45	0.55	0.002	AGAT_FAICP		
1487.45	**1493.25**	**(MAM) Mottled Amphibolite, ( )** As desc in 1459.9-1460.3m. Moderate to strong alteration throughout: Ser-Silic-K assemblage; imparts mottled pink-green colouration; obscures banded texture. Trace fine Py.	D72233	1487.45	1488	0.55	0.006	AGAT_FAICP		
			D72234	1488	1489	1	0.005	AGAT_FAICP		
			D72235	1489	1489.85	0.85	0.005	AGAT_FAICP		
			D72236	1489.85	1491	1.15	0.005	AGAT_FAICP		
			D72237	1491	1492	1	0.008	AGAT_FAICP		
			D72239	1492	1492.63	0.63	0.01	AGAT_FAICP		
			D72240	1492.63	1493.25	0.62	0.031	AGAT_FAICP		
1493.25	**1494.50**	**(MAM) Mottled Amphibolite, ( )** Uncertain litho. Intensely altered. Quarzo-feldspathic. Healed breccia. Diffuse dark patches could represent assimilation of amphibole into aphanitic groundmass. Minor fine dissem Py throughout.	D72241	1493.25	1494	0.75	0.042	AGAT_FAICP		
			D72242	1494	1494.5	0.5	0.03	AGAT_FAICP		
1494.50	**1495.85**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Uncertain litho. Possible altered UMD. Healed breccia. Intensely altered. Mostly green with	D72243	1494.5	1495.15	0.65	0.002	AGAT_FAICP		
			D72244	1495.15	1495.85	0.7	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		with qz-fspr cement stockwork. Bullk composition comprises qz-fspr-olivine? No vis sulfs. Possible altered dyke. Distinct contacts.								
1495.85	**1497.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Uncertain litho. Mottled texture. Strongly altered. Bulk composition comprises mostl black amp with lesser pink Kspr. No vis sulfs.	D72245	1495.85	1497	1.15	0.036	AGAT_FAICP		
1497.30	**1498.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark brown groundmass with 30% dissem carb porphs; <5mm; subround. Intensely altered contacts: pale green; uncertain assemblage (dolomite+olivine+opx?). No vis sulfs.	D72247	1497	1498.1	1.1	0.002	AGAT_FAICP		
1498.10	**1501.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Amp-rich FGS. Coarse amp blebs sequestered in quarzose bands <5cm. Strongly altered interval 1500.5-1501.3m: Ser-K-Sil assemblage. 10% biot: fine; dissem; alignment imparts foliation; concordant with banding. No vis sulfs. Vein at lower contact.	D72248	1498.1	1499	0.9	0.017	AGAT_FAICP		
			D72249	1499	1500	1	0.007	AGAT_FAICP		
			D72250	1500	1500.5	0.5	0.011	AGAT_FAICP		
			D72251	1500.5	1501.3	0.8	0.01	AGAT_FAICP		
			D72253	1501.3	1502	0.7	0.02	AGAT_FAICP		
1501.90	**1505.00**	**(DIA) Diabase Dike, ( )** Dark grey aphanitic groundmass hosting 30% very fine fspr laths; sub mm; chaotic orientations. Massive texture. No vis sulfs. Varying mag.	D72254	1502	1503	1	0.002	AGAT_FAICP		
			D72255	1503	1504	1	0.006	AGAT_FAICP		
			D72256	1504	1505	1	0.001	AGAT_FAICP		
1505.00	**1507.55**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP. Varying mag. No vis sulfs. Fine grained dark brown groundmass hosting 20% fine carb porphs. Enclave of intense alt 1506.25-1506.55m	D72257	1505	1506	1	0.003	AGAT_FAICP		
			D72259	1506	1506.65	0.65	0.0005	AGAT_FAICP		
			D72260	1506.65	1507.55	0.9	0.002	AGAT_FAICP		
1507.55	**1514.40**	**(DIA) Diabase Dike, ( )** As desc in 1501.9-1505m.	D72261	1507.55	1508.3	0.75	0.001	AGAT_FAICP		
			D72262	1508.3	1509	0.7	0.0005	AGAT_FAICP		
			D72263	1509	1510	1	0.001	AGAT_FAICP		
			D72264	1510	1511	1	0.002	AGAT_FAICP		
			D72265	1511	1512	1	0.0005	AGAT_FAICP		
			D72267	1512	1513	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72268	1513	1514	1	0.001	AGAT_FAICP		
			D72269	1514	1514.5	0.5	0.002	AGAT_FAICP		
1514.40	**1527.87**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72270	1514.5	1515	0.5	0.004	AGAT_FAICP		
		Amp-rich FGS. Fine grained groundmass hosting fine POB biot-amp-qz; mm scale; alignment imparts foliation. 15% biot; 15% amp; 5% qz eyes. No signif sulfs. 1-2% veining; cm scale <5cm; folded/deformed. Intense alteration 1518-1518.80m: uncertain assemblage (amp+cpx+fspr+dolomite?); pale green-grey colouration; obscures primary fabric. Ultra trace musc; coarse; mm scale; euhedral. Minor LAMP 1522.65-1522.90m.	D72271	1515	1516	1	0.006	AGAT_FAICP		
			D72273	1516	1516.5	0.5	0.005	AGAT_FAICP		
			D72274	1516.5	1517.3	0.8	0.005	AGAT_FAICP		
			D72275	1517.3	1518	0.7	0.027	AGAT_FAICP		
			D72276	1518	1518.8	0.8	0.007	AGAT_FAICP		
			D72277	1518.8	1519.4	0.6	0.006	AGAT_FAICP		
			D72279	1519.4	1520	0.6	0.045	AGAT_FAICP		
			D72280	1520	1521	1	0.024	AGAT_FAICP		
			D72281	1521	1522	1	0.025	AGAT_FAICP		
			D72282	1522	1523	1	0.009	AGAT_FAICP		
			D72283	1523	1523.5	0.5	0.013	AGAT_FAICP		
			D72284	1523.5	1524	0.5	0.013	AGAT_FAICP		
			D72285	1524	1525	1	0.007	AGAT_FAICP		
			D72287	1525	1526.3	1.3	0.009	AGAT_FAICP		
			D72288	1526.3	1527	0.7	0.009	AGAT_FAICP		
			D72289	1527	1527.87	0.87	0.007	AGAT_FAICP		
1527.87	**1565.40**	**(DIA) Diabase Dike, ( )**	D72290	1527.87	1529	1.13	0.001	AGAT_FAICP		
		Very fine grained; sub aphanitic. Varying magnetism throughout. No vis sulfs. No signif alt. No veining.	D72291	1529	1530.5	1.5	0.001	AGAT_FAICP		
			D72293	1530.5	1532	1.5	0.0005	AGAT_FAICP		
			D72294	1532	1533.5	1.5	0.001	AGAT_FAICP		
			D72295	1533.5	1535	1.5	0.0005	AGAT_FAICP		
			D72296	1535	1536.5	1.5	0.001	AGAT_FAICP		
			D72297	1536.5	1538	1.5	0.0005	AGAT_FAICP		
			D72299	1538	1539.5	1.5	0.0005	AGAT_FAICP		
			D72300	1539.5	1541	1.5	0.0005	AGAT_FAICP		
			D72301	1541	1542.5	1.5	0.001	AGAT_FAICP		
			D72302	1542.5	1544	1.5	0.0005	AGAT_FAICP		
			D72303	1544	1545.5	1.5	0.0005	AGAT_FAICP		
			D72304	1545.5	1547	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
			D72305	1547	1548.5	1.5	0.001	AGAT_FAICP		
			D72307	1548.5	1550	1.5	0.001	AGAT_FAICP		
			D72308	1550	1551.5	1.5	0.001	AGAT_FAICP		
			D72309	1551.5	1553	1.5	0.0005	AGAT_FAICP		
			D72310	1553	1554.5	1.5	0.004	AGAT_FAICP		
			D72311	1554.5	1556	1.5	0.001	AGAT_FAICP		
			D72313	1556	1557.5	1.5	0.002	AGAT_FAICP		
			D72314	1557.5	1559	1.5	0.003	AGAT_FAICP		
			D72315	1559	1560.5	1.5	0.001	AGAT_FAICP		
			D72316	1560.5	1562	1.5	0.0005	AGAT_FAICP		
			D72317	1562	1563.5	1.5	0.001	AGAT_FAICP		
			D72319	1563.5	1565	1.5	0.002	AGAT_FAICP		
			D72320	1565	1565.4	0.4	0.002	AGAT_FAICP		
1565.40	**1568.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Phaneritic to porphyritic FGS. Characterized by 40% qz-fspr dissem porphs; mm scale <8mm; subround. Very fine diss Py throughout; sub mm. 15% very fine dissem biot; alignment imparts weak foliation. 20% fine POB amp; anhedral; <5mm. No signif veining; patchy qz melt 1567.70-1568.28m with trace clotty Py; mm scale <5mm. Strong Ser-Silic alteration proximal to upper contact; bleached. EOH.	D72321	1565.4	1566	0.6	0.006	AGAT_FAICP		
			D72322	1566	1567	1	0.005	AGAT_FAICP		
			D72323	1567	1567.7	0.7	0.003	AGAT_FAICP		
			D72324	1567.7	1568.28	0.58	0.002	AGAT_FAICP		
			D72325	1568.28	1568.6	0.32	0.003	AGAT_FAICP		
1568.60	**1575.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Approx same composition as prev but distinguished by strong banded texture. Banding defined by varying amp content. Biot and amp are more coarse than prev; biot somewhat elevated realtive to prev. Very coarse amp clots; <1cm; sequestered in qurzose bands. Very fine dissem Py throughout. No signif veining. No signif alt. EOH at 1575m.	D72327	1568.6	1570	1.4	0.004	AGAT_FAICP		
			D72328	1570	1570.85	0.85	0.008	AGAT_FAICP		
			D72329	1570.85	1572	1.15	0.007	AGAT_FAICP		
			D72330	1572	1573	1	0.005	AGAT_FAICP		
			D72331	1573	1574	1	0.003	AGAT_FAICP		
			D72333	1574	1575	1	0.002	AGAT_FAICP		EOH

Newmont

Geological Description with Assays

Hole ID : **BL19-01091**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	9.56	Easting :	333874.58	Logged By :	Mike.Schweinberger
Dip :	-68	Northing :	5302727.81	Logged By 2 :	Colt.Meyer
Length :	666	Elevation :	430.877	Log Start :	13-Sep-2019
Drill Start :	1-Sep-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	3-Oct-2019
Drill Completed :	18-Sep-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	Yes				

Comments :

Wedge placed at 656m; nightshift helper was not trained properly on taking true-core orientation; lines here for that shift unreliable 0-590m; hexagonal stabilization; Mike Schweinberger logged from 0 to 369.21 metres; Colt Meyer logged from 369.21 to 666 metres; first 200 m of hole consists of intercalated conglomerate and FGS along with occasional crosscutting lamprophyre dykes; rest of hole is mainly repeating FGS and amphibolite intercepts separated by pegmatitic fluid influx and intrusive lamprophyre dykes; a few diabase dyke intersections towards lower contact and the odd massive barren grey quartz vein; no areas of significant potential mineralization

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**27.70**	**(OB) Overburden, ( )**								
27.70	**57.38**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak to localized mod fine dissem anh py; locally weakly vuggy								
57.38	**59.39**	**(UMD, FGC) UM\LAMP Dike, Felsic Gneiss Conglomerate, (LAMPD) UMD - Lamprophyre Dyke** fine to med mas Lamp; dark grey; at least two generations of lamp cutting each other; one of these with med to coarse subh bio; localized mm-sized patches of semiangular carb; frequ FGC agular xenoliths; few cm to 6cm thick/sizeed; upper contact sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

59.39 65.13 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak to localized mod fine dissem anh py; upper contact sharp; below 64.17 frequ fol cutting lamps usually 1cm and less thick but one thicker section at 64.17-64.28; weakly local magnetic

65.13 65.51 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine to med mas Lamp; dark grey; localized med subh bio phenoc; localized mm-sized patches of semiangular carb; upper contact sharp; mod strong magnetic

65.51 79.00 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak to localized mod fine dissem anh py; upper contact sharp; at 68.86-70.15 mod to strong patchy KFsp and weak to mod Ser alt; 9cm thick magnetic lamp dyke at 74.59-74.76 with core axis angle of 24; abund molybdenite + magnetite (mod magnetic); in 2-3mm thick carb stringer at 71.2; weakly magnetic

79.00 81.68 (PEG, FGC) Pegmatite, Felsic Gneiss Conglomerate, (PEGGR) Granitic Pegmatite (<50% quartz)

frequ stringer and bands of PEG within Conglo as described above; bands and stringers generally fol parallel 45cm thickness; coarse to very coarse; white to slightly pinkish; upper contact gradational

81.68 86.16 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp along peg band; weakly magnetic

86.16 89.26 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey mod fol FGS; weak fine to med bio; locally slightly magnetic; upper contact grad; lower part below 87.46 weakly ot mod KFS and Ser alt as enveloping haloes along qtz-carb hairline stringers; two 3-4cm thick lamp bands btw 87.46 and 88.03; one 1cm thick lamp at 89.17; fine weak dissem anh py

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
89.26	**90.73**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		coarse to very coarse stronly pinkish-white PEG; 0.5cm thick sliver of lamp at 89.43; contains locally patches of magnetite up to 3x1cm in size; upper contact sharp								
90.73	**93.00**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; weakly magnetic								
93.00	**93.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		fine to med mas Lamp; dark grey; localized med subh bio phenoc; localized mm-sized patches of semiangular carb; upper contact sharp; mod strong magnetic								
93.95	**94.25**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; weakly magnetic								
94.25	**94.51**	**(AMP) Amphibolite, ( )**								
		green mod fol med AMP; strong fine to med am; weak fine to med bio; upper contact sharp; weak fine dissem anh py								
94.51	**94.93**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp								
94.93	**95.28**	**(AMP) Amphibolite, ( )**								
		green mod fol med AMP; strong fine to med am; weak fine to med bio; upper contact sharp; weak fine dissem anh py								
95.28	**99.79**	**(FGC) Felsic Gneiss Conglomerate, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag								
99.79	**102.73**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		fine to coarse pinkish grey mod fol KSp alt QFP; coarse fsp por; weak fine to med bio; weak fine dissem anh py; upper contact sharp								
102.73	**103.78**	**(DIA) Diabase Dike, ( )**								
		mod to strongly mag fine dark grey DIA wit frequ white carb hairline fillings of fractures; upper contact sharp								
103.78	**104.87**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		fine to coarse pinkish grey mod fol KSp alt QFP; coarse fsp por; weak fine to med bio; weak fine dissem anh py; upper contact sharp								
104.87	**125.57**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; clasts only sporadic below 122.76; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag								
125.57	**127.64**	**(DIO) Diorite, ( )**								
		fine to med mod fol grey DIO; med fsp porphyritic; weak fine to med bio; weak fine dissem anh py; upper contact sharp								
127.64	**129.46**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		fine to coarse pinkish grey mod fol KSp alt QFP; coarse fsp por; weak fine to med bio; weak fine dissem anh py; upper contact sharp								
129.46	**131.17**	**(DIO) Diorite, ( )**								
		fine to med mod fol grey DIO; med fsp porphyritic; weak fine to med bio; weak fine dissem anh py; upper contact sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

131.17 134.93 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag

134.93 137.14 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine to med mas Lamp; dark grey; sporadic med subh bio phenoc; localized mm-sized patches of semiangular carb; upper contact sharp; mod strong magnetic; sliver of FGC in DIA from 136.36-136.83

137.14 140.17 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag

140.17 142.26 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse pinkish grey mod fol KSp alt QFP; coarse fsp por; weak fine to med bio; weak fine dissem anh py; upper contact sharp

142.26 149.92 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag; 1cm thick band of Lamp at low angle to core axis at 146.5-147.23

149.92 152.70 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

mas dark grey mas lamp folllowing core axis at shallow angle in pinkish grey mod fol fsp por fine to med KSp alt amphibolitic FGS; lamp with med bio pheno and mod mag; contacts sharp but somewhat irreg; fgs with weak fine to med bio and am and weak fine dissem anh py

152.70 153.08 (FGS) Felsic Gneiss Sedimentary, ( )

pinkish grey mod fol fsp por fine to med KSp alt amphibolitic FGS; weak fine to med bio and am and weak fine dissem anh py; upper contact sharp to lamp but irreg

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

153.08 154.15 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

fine to med weakly fsp por pinkish grey amp in; mod fol; weak to mod patchy Ksp alt; mod fine to med am; weak fine to med bio; weak fine dissem py; upper contact sharp

154.15 155.55 (FGS) Felsic Gneiss Sedimentary, ( )

pinkish grey mod fol fsp por fine to med KSp alt FGS; weak fine to med bio and very minor am and weak fine dissem anh py; upper contact sharp; band of amp in as described above at 154.47-154.72

155.55 165.50 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse pinkish grey mod fol KSp alt QFP; coarse fsp por; weak fine to med bio; weak fine dissem anh py; upper contact grad

165.50 179.24 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag; 15cm thick Lamp at 168.38-168.54 with rel high core axis angle of 85

179.24 185.73 (FGS) Felsic Gneiss Sedimentary, ( )

strongly fsp porphyritic FGS (borlerline QFP); med to coarse fsp por and qtz eyes; weak fine to med bio; sporadic med am; very weak fine dissem py; upper contact sharp; mod to weakly KSP alt

185.73 186.72 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag

186.72 187.26 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine to med mas Lamp; dark grey; sporadic med subh bio phenoc; abund mm-sized patches of semiangular carb; upper contact sharp; not magnetic

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

187.26 191.41 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag; two lamps at 190.18-190.32 and 190.65-190.88 with core axix angle btw 22-39

191.41 196.55 (PEG, FGC) Pegmatite, Felsic Gneiss Conglomerate, (PEGGR) Granitic Pegmatite (<50% quartz)

peg bands in FGC as described above; thickness of bands range from 30cm to 1cm; bands mostly fol parallel; peg is coarse to very coarse; pinkish grey; often with mod abund coarse bio particularly at margins of thicker bands; weak to mod patchy KSP and Ser alt; upper contact grad; rock is locally mag

196.55 206.68 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact grad; locally weakly mag

206.68 207.00 (UMD) UM\LAMP Dike, ( )

fine to med mas Lamp; dark grey; very sporadic med subh bio phenoc; abund mm-sized patches of semiangular carb; upper contact sharp; not magnetic

207.00 211.12 (FGC) Felsic Gneiss Conglomerate, ( )

fine to coarse polymict mod fol grey to greenish-grey conglo; more or less mm- to less abund cm-thick well flattened clasts of felsic and amphibolitic material; rel am rich; am fine to med am variable as clasts and in matrix; weak fine to med bio; weak fine dissem anh py; upper contact sharp; locally weakly mag; KSP altered below 208.93

211.12 228.92 (FGS) Felsic Gneiss Sedimentary, ( )

fsp porphyritic FGS; med to coarse fsp por and qtz eyes; pinkish-light grey; weak fine to med bio with lesser fine to med am; very weak fine dissem py; upper contact sharp; mod to strong KSP alt stronger around brecciated zone at 214.36-216.09; seritizized lamp (yellowish-light green) at 222.04-222.13

228.92 230.77 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

coarse to very cokarser massive pink white light grey PEG; with bands of coarse AMP up to

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		a few cm thick it its lower half; some coarse bio in its upper half; upper contact sharp; not magnetic; AMP has sporadic scattered fine anh py; Ksp altered								
230.77	**231.64**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		fine to med greenish AMPIN; mod fol; mod fine to med am; weak fine to med bio; some 1cm thick stringers and patches of QF parallel to fol; no Sul; KSP alt								
231.64	**236.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to coarse pinkish-grey mod fol fsp por FGS with qtz eyes; weak fine to med bio; weaker fine to med am; por and qtz eyes med to coarse; weak haloes of KSP along qtz-carb hairline fractures; upper part to 234.53 is a moderately develloped fracture zone; weak fine dissem anh py; upper contact sharp								
236.50	**237.85**	**(AMP) Amphibolite, ( )**								
		biotitic AMP; green; fine to med; strong fine to med am; mod fine to med bio; haloes of KSP alt; not magnetic; no sulphides; upper contact sharp								
237.85	**245.15**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		light grey to slightly pinkish fsp porphyritic FGS; med to coarse fsp por and qtz eyes; weak fine to med bio and am; very weak fine dissem py; upper contact sharp; some minor fol parallel am bands up to 1cm thick; some KSp alt as haloes along qtz-carb hairline stringers								
245.15	**249.73**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med mod to strongly perv and pat KSP alt pink FGS; with flt fracs that are often filled by qtz-carb; mostly very minor fine bio; rock generally not por with only few dm-wide patches of weak fsp por development; irreg network of lamp at 244.91; upper contact grad; very weak very fine dissem anh py								
249.73	**250.62**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		mas light greenish Lamp with mm- to cm- sized angular xenoliths; and med to coarse semi-rounded carb patches; upper contact interfingering with host rock; not mag								
250.62	**252.57**	**(AMP, PEG) Amphibolite, Pegmatite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		fine to med green AMPIN; mod fol; mod fine to med am; weak fine to med bio; 5% irreg patches of PEG up to a few cm in size; upper contact is sharp; not mag; no sul								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

252.57 253.86 (FGS) Felsic Gneiss Sedimentary, ( )

por pinkish grey fine to coarse mod fol FGS; mod to strong pat and perv KSP alt; fracture zone; med fsp por; med to coarse qtz eyes; fine dissem anh py; upper contact sharp; weak fine to med bio and am

253.86 254.47 (FGS) Felsic Gneiss Sedimentary, ( )

strongly KSP and chlorite altered py mineralized FGS with magnetite; weak fine to med bio; mod fine to med threads of py parallel to fol; mod fol; alt is pervasive; rock is pinkish-green; upper contact is sharp; heavy

254.47 260.37 (FGS) Felsic Gneiss Sedimentary, ( )

por pinkish green grey fine to coarse mod fol FGS; flt rock: fractured bove 258; brx below 258; mod to strong pat and perv KSP alt; fracture zone; med fsp por; weak to mod fine dissem anh py; upper contact ground end; weak fine to med bio and am; mod mag to 256.49; 4cm thick lamp dyke at lower end of the interval from 260.33-37

260.37 260.76 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

fracured and ksp alt fine to med green AMPIN; mod fol; mod fine to med am; weak fine to med bio; upper contact is sharp; not mag; no sul

260.76 264.14 (FGS) Felsic Gneiss Sedimentary, ( )

por pinkish green grey fine to coarse mod fol FGS; fractured above 261.81; mod to strong pat and perv KSP alt; fracture zone; med fsp por; weak to mod fine dissem anh py; upper contact sharp; weak fine to med bio and am; two fol cutting 1-2cm lamp dykes at 261.56-261.61

264.14 264.80 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

sul mineralized coarse to very coarse massive pinkish PEG; py and po irreg patches up to 3cm in size; upper contact sharp

264.80 266.10 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med mod fol light grey FGS; weak fine to med bio and amp; not por; weak KSP ald haloes; weak fine dissem anh py; upper contact sharp

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
266.10	**266.58**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		coarse to very coarse massive pinkish PEG; weak py and po irreg patches up to 0.8cm in size; upper contact sharp								
266.58	**270.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med mod fol light grey FGS; weak fine to med bio; weak fine dissem anh py; upper contact sharp								
270.85	**273.43**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		pinkish white coarse to very coarse bands of PEG within FGS as described above; PEGs up to 25cm thick mostly fol parallel; some with very coares bio up to 3.5cm in size; upper contact grad								
273.43	**274.33**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med mod fol light grey FGS; weak fine to med bio; weak fine dissem anh py; upper contact irreg								
274.33	**276.94**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		fine to coarse pinkish grey mod fol KSp alt QFP; coarse fsp por; weak fine to med bio with lesser fine to med am; weak to mod fine dissem anh py; upper contact grad								
276.94	**299.38**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med mod fol light grey FGS; weak fine to med bio and am; weak fine dissem anh py; upper contact irreg; mostly not or only very weakly Fsp por; soem ser and Ksp haloes along qtz-carb hairline stringers								
299.38	**303.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med mod fol light grey FGS with streched med am porphyroclasts; weak fine to med bio and am; weak fine dissem anh py; upper contact grad; mostly not or only very weakly Fsp por and a section of about 30 cm with increasing qtz-eyes towards the lower contact; soem ser and Ksp haloes along qtz-carb hairline stringers; two thin lamp dykes at 300.46 and 300.84: upper one 4mm thick at 17 deg to core axis the lower one 2.5cm thick at 35 deg to core axis								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

303.00 304.03 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med mod fol light grey FGS with qtz eyes; weak fine to med bio and am; weak fine dissem anh py; upper contact irreg; mostly not or only very weakly Fsp por; some ser and Ksp haloes along qtz-carb hairline stringers; fol parallel band of AMP at 304-304.20

304.03 305.43 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, ( )

two mas light greenish Lamp with section of FGS (as described above) inbetween from 305.2 to 305.39; minor semi-rounded carb patches; not mag; upper contact sharp

305.43 311.43 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med mod fol light grey FGS with qtz eyes; weak fine to med bio and am; weak fine dissem anh py; upper contact sharp; mostly not or only very weakly Fsp por; some ser and Ksp haloes along qtz-carb hairline stringers; alt increased btw 306.7-308.6

311.43 331.38 (FGS) Felsic Gneiss Sedimentary, ( )

fsp porphyritic mod fol light grey FGS; med fsp por and some qtz eyes; weak bio and am; weak dissem anh fine py; upper contact grad; some KSp and ser haloes alogn qtz-carb hairline stringers

331.38 332.68 (FGS) Felsic Gneiss Sedimentary, ( )

'dioritic' FGS; abund med fsp por; mod med am por; weak to mod fine to med am; weak fine to med bio; weak fine dissem anh py; upper contact sharp; fol paralle AMP band at 332.35-332.43

332.68 369.21 (FGS) Felsic Gneiss Sedimentary, ( )

porphyritic mod fol light grey FGS; med fsp and variable med am por and some qtz eyes; weak fine to med bio and am; weak dissem anh fine py; upper contact grad; minor KSp and ser haloes along qtz-carb hairline stringers; lamp at 347.49-347.68 and 360.34-360.44; rel abund PEGs up to 50cm throughout

369.21 377.95 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

coarse-grained grey siliceous quartzofeldspathic groundmass with disseminated biotite and sections of patchy amphibole aggregates or porphyroclasts; green and beige chlorite-sericite alteration envelopes around quartz-carbonate stringers and wallrock-incorporative quartz vein melts broken out in relevant tabs where contacts are reasonably sharp

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
377.95	**380.49**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** fine to medium-grained dark grey and green intrusive lamprophyre dyke with chlorite and sericite-altered sections containing sparse xenoliths; dyke sections show windows of altered FGS with brecciated sections demonstrated by green chloritic fracture selvages								
380.49	**383.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey quartzofeldspathic groundmass with disseminated biotite and pink potassic alteration of groundmass proximal to surrounding lamprophyre contacts; common thin chlorite veinlets throughout unit and small dykelets cutting across core								
383.83	**384.87**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine-grained dark grey and black groundmass interstitial to extremely abundant greyish coarse carbonate phenocrysts; green chlorite alteration throughout and several pulses distinguishable								
384.87	**407.29**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey quartzofeldspathic groundmass with upper section defined by abundant patches of grey quartz; pervasive potassic alteration and occasional patchy granitic pegmatite; one massive light greyish-white barren quartz vein broken out in relevant tabs; intermittent quartz-carbonate stringers								
407.29	**408.54**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey feldspar-dominant granitic pegmatite composed of patchy interstitial grey quartz and reddish-pink feldspar megacrysts								
408.54	**411.56**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and grey intermediate amphibolite with moderate to strong foliation and thin quartzofeldspathic veinlets in places; occasional quartz-carbonate stringers with weak potassic and sericitic alteration envelopes								
411.56	**413.43**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** very coarse-grained pink and grey granitic pegmatite composed of patchy interstitial quartz and anhedral blotchy feldspar megacrysts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

413.43 424.26 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium-grained dark to light grey quartz-feldspar-biotite unit with sections of potassic-chloritic alteration as well as common quartz-carbonate veinlets with potassic and sericitic alteration envelopes; occasional pegmatitic quartzofeldspathic melt bands

424.26 424.97 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

fine to medium-grained grey and black intrusive lamprophyre dyke with patches of abundant carbonate phenocrysts and greenish-beige chlorite-sericite altered margins

424.97 433.86 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

medium-grained pink and grey altered quartz-feldspar-biotite unit with occasional quartz-carbonate stringers and melt zones indicated by stubby blebs of wallrock suspended in quartzofeldspathic groundmass; amphibole present specifically around melt and alteration zones; common sericitic and intensive potassic alteration present throughout unit along with occasional patches of coarse quartz phenocrysts

433.86 442.80 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

medium to coarse-grained grey quartzofeldspathic groundmass with disseminated pink colouration as a result of preferential potassic alteration; occasional quartz-carbonate veinlets and patches of cloudy pink quartzofeldspathic melt; unit defined by abundant coarse disseminated amphibolite along with amphibole porphyroclasts up to cm-scale in size

442.80 443.60 (DIA) Diabase Dike, ( )

massive black intrusive diabase dyke with jagged carbonate-infilled fractures throughout

443.60 445.97 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

medium to coarse-grained grey and green intermediate amphibolite defined by abundant disseminated amphibole grains set in a pink and grey potassic-altered quartzofeldspathic groundmass; sparse quartzofeldspathic melt bands and unaltered thin quartz-carbonate veinlets

445.97 446.88 (QV) Quartz Vein, (QZVT2) Massive quartz vein

massive light grey to white barren late quartz vein with coarse fragments of altered wallrock

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		incorporated and patches of very coarse subhedral feldspar								
446.88	**449.35**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained grey and green intermediate amphibolite with weak to moderate foliation and occasional patchy quartzofeldspathic melt; one interwoven FGS band containing thin light grey quartz veinlets								
449.35	**450.00**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** coarse to very coarse-grained altered pink and grey granitic pegmatite fraternizing with wallrock bands and fragments towards lower contact; patch of interstitial biotite infill in part of unit near lower contact								
450.00	**457.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained foliated unit with potassic-altered quartzofeldspathic groundmass and abundant disseminated coarse amphibole; minor biotite in places and crosscutting chloritized lamprophyre dykelets the largest of which was broken out in the point structures tab yo if you be into lamprophyres and tings like dat; intermittent quartz-carbonate veinlets with alteration envelopes and an irrelevant quartz-feldspar melt patch with patchy pyrite								
457.18	**458.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey quartzofeldspathic groundmass with pink potassic alteration emanating from intermittent quartz-carbonate veinlets; whitish barren pod of quartz and one to two sparse thin quartzofeldspathic bands								
458.28	**460.38**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained grey and green intermediate amphibolite with thin intermittent quartz-feldspar bands; potassic alteration emanating from quartz-carbonate veinlet envelopes; areas with a few sparse quartz eyes								
460.38	**468.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained grey quartzofeldspathic groundmass with extensive area of core grind and intense pink potassic alteration likely proximal to fault zone; small amounts of brecciation around carbonate fracture infill and intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes; occasional crosscutting pegmatite bands and one								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
lamprophyre dykelet with contacts broken out in point structures tab										
468.30	**469.11**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and grey intermediate amphibolite with weak foliation and preferential potassic alteration of quartzofeldspathic groundmass; altered quartz-carbonate veinlets								
469.11	**481.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium to coarse-grained light grey quartzofeldspathic groundmass with disseminated biotite and patchy amphibole; areas of core grind and loss as well as intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes; some sections have diffuse anastomosing pattern demonstrated by blotchy consolidation of quartz-feldspar material								
481.40	**487.51**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained grey and green intermediate amphibolite with pink and grey quartzofeldspathic groundmass preferentially potassic-altered by crosscutting quartz-carbonate veinlets; groundmass is speckled with disseminated amphiblle alongside occasional amphibole porphyroclasts; thin quartz veinlets here and there								
487.51	**488.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained biotite-poor quartzofeldspathic unit with diffuse siliceous melt patches and sparse quartz-carbonate veinlets with weak potassic and sericitic alteration envelopes; granitic pegmatite melt at upper contact								
488.40	**488.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained trace to weakly-foliated unaltered intermediate amphibolite characterized by light grey quartzofeldspathic groundmass speckled with disseminated amphibole and biotite								
488.75	**498.29**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained light grey quartz-feldspar-biotite unit with muscovite in places and patchy cloudy quartzofeldspathic melt; sparse amphibolite bands present and intermittent quartz-carbonate stringers with weak otassic and sericitic alteration envelopes								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
498.29	**499.48**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		coarse to very coarse-grained pink and grey granitic pegmatite melt with abundant FGS wallrock incorporation as fragments and bands; occasional quartz-carbonate stringers crosscut unit								
499.48	**502.32**	**(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 abundant cloudy silicification and patches of granitic pegmatite sharing diffuse contacts with wallrock; common quartz-carobnate veinlets with potassic and or sericitic alteration envelopes								
502.32	**503.85**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		medium-grained green intermediate amphibolite with little to no observable foliation; occasional unaltered quartz-carobnate veinlets and minor sericite alteration at contacts								
503.85	**507.08**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		coarse-grained grey and green foliated quartzofeldspathic groundmass with disseminated biotite and amphibole; occasional quartz eyes and areas of diffuse background potassic alteration								
507.08	**507.55**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
		light grey massive barren quartz vein with sharp disconformable contacts and incorporated FGS wallrock fragments								
507.55	**512.10**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		medium to coarse-grained weakly foliated to massive quartzofeldspathic groundmass with disseminated biotite and amphibole; sections of blebby amphibole aggregates in quartz-feldspar melt as well as bands of green intermediate amphibolite disturbed by melting; sparse quartz-carbonate veinlets with potassic and or sericitic alteration envelopes								
512.10	**512.52**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		coarse-grained muddy and cloudy grey quartzofeldspathic melt with fragments of incorporated amphibolite wallrock								
512.52	**519.76**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained foliated intermediate amphibolite characterized by disseminated groundmass of amphibole quartz and feldspar; silicified grey areas with disseminated pyrite and patchy quartz to quartzofeldspathic melt bands; sparse quartz-carbonate stringers								
519.76	**522.58**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** light grey masisve barren quartz vein with intermittent trails of pink feldspar and abundant amphibolite wallrock integration in places especially proximal to contacts								
522.58	**549.09**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green foliated intermediate amphibolite with patches of quartz and quartzofeldspathic melt as well as intermittent grey quartz veinlets; tight F1 folding in places and minor disseminated pyrite throughout unit; quartz-carbonate stringers and one or two thin lamprophyre dykelets								
549.09	**549.94**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine-grained pink and grey unfoliated quartz-feldspar-biotite unit with patches of quartzofeldspathic melt; intermittent quartz-carbonate stringers with potassic and sericitic alteration envelopes								
549.94	**550.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained grey and green intermediate amphibolite with quartz-carbonate stringers outlined by potassic and sericitic alteration envelopes								
550.40	**550.96**	**(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 trace foliation and small bands of amphibole-aggregate filled quartzofeldspathic melt; intermittent quartz-carbonate stringers with potassic and sericitic alteration haloes								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
550.96	**551.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green and grey intermediate amphibolite with weak to moderate foliation; common quartz-carbonate stringers with potassic and sericitic alteration envelopes								
551.70	**554.86**	**(UM) Ultramafic, ( )** coarse-grained green foliated ultramafic unit composed of abundant biotite and amphibole; sparse quartz-carbonate stringers with sericitic alteration envelopes								
554.86	**557.51**	**(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 slight foliation; intermittent quartz-carbonate stringers with potassic and sericitic alteration envelopes; area of background potassic alteration and one small lamprophyre dykelet crosscuts unit								
557.51	**559.46**	**(UM) Ultramafic, ( )** coarse-grained green ultramafic unit composed of abundant biotite and amphibole; thin hairline quartz-carbonate veinlets throughout with no visible alteration								
559.46	**560.46**	**(DIA) Diabase Dike, ( )** very fine to fine-grained massive diabase dyke with abundant small greyish carbonate phenocrysts and carbonate-altered contacts								
560.46	**565.95**	**(UM) Ultramafic, ( )** coarse-grained green ultramafic unit composed primarily of biotite and amphibole; intermittent whitish carbonate stringers throughout								
565.95	**568.24**	**(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 moderate banding defined by intermittent amphibolite bands and quartzofeldspathic melt bands; abundant subrounded green blebs of either chlorite or amphibole grains in lower section of unit and quartz-carbonate veinlets with weak potassic and sericitic haloes								
568.24	**569.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained grey and green dominant FGS interbanded with thin amphibolite intercepts;								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
quartz-rich bands in palces and patch of weak potassic alteration										
569.18	**571.64**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained weakly-foliated quartz-feldspar-biotite unit defined by abundant cm-scale green clots of amphibole surrounded by fine-grained diffuse quartzofeldspathic melt; sparse quartz-carbonate stringers with potassic or sericitic alteration envelopes								
571.64	**574.87**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green and grey intermediate amphibolite characterized by melt-influenced foliation changes and disturbance; disconformable quartz and quartzofeldspathic bands between amphibole-rich strands of wallrock; occasional quartz-carbonate stringers with potassic and sericitic fringes								
574.87	**591.39**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** unit is potassic-altered largely-unfoliated FGS that transitions into altered intimate mix of FGS and amphibolite at 577.8 m depth to end of interval; patches of pink quartzofeldspathic melt with incorporated fragments of amphibole-rich wallrock and thin quartz veinlets in places; minor patchy pyrite and patchy bands of chlorite-epidote alteration ya dig								
591.39	**595.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained grey quartz-feldspar-biotite unit with sections of quartz eyes and little to no visible foliation; areas of strong potassic alteration caused by both quartzofeldspathic melt and crosscutting quartz-carbonate stringers with associated sericitic alteration envelopes while we are on the subject; sparse clumps of green amphibole								
595.60	**597.00**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse-grained grey massive barren quartz vein with patchy occasional interstitial trails of pink feldspar throughout; roughly 1 cm wide lamprophyre dykelet crosses unit near upper contact								
597.00	**599.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained quartz-feldspar-biotite unit with minor associated muscovite and trace to weak foliation; quartzofeldspathic melt varying from small meandering veinlets to pervasive patches of grey quartz; system of hairline less than 1 mm wide fractures infilled by chlorite near lower contact; occasional quartz-carbonate veinlets with potassic and sericitc								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
alteration envelopes										
599.38	**600.38**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained massive grey and black intrusive lamprophyre dyke with disseminated light grey carbonate phenocrysts and sharp green chlorite-altered contacts								
600.38	**600.80**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** coarse-grained and altered quartzofeldspathic wallrock melt between two lamprophyre dykes; patchy disseminated chlorite alteration proximal to upper contact								
600.80	**601.13**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** massive grey and black intrusive lamprophyre dyke with low abundance of greyish carbonate phenocrysts and greenish-grey sericite-chlorite altered contacts								
601.13	**614.83**	**(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 melt-effected consolidation of quartz into patches and discontinuous bands in places; patchy chlorite alteration and minor bits of epidote alteration as well; occasional quartz-carbonate stringers with potassic and sericitic alteration envelopes								
614.83	**615.51**	**(DIA) Diabase Dike, ( )** very fine-grained massive black diabase dyke with knife-sharp quenched margins and a 0.5 cm wide carbonate stringer within								
615.51	**633.65**	**(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 and intermittent quartz-carbonate stringers with potassic and sericitic alteration envelopes; patches of pervasive potassic alteration and bands of quartzofeldspathic melt; gentle to open folding and one thin lamprophyre dykelet crosscutting unit								
633.65	**634.23**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** coarse-grained strongly-foliated ultramafic unit composed primarily of amphibole and biotite; sparse carbonate stringers								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
634.23	**634.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained greenish chlorite-sericite altered intrusive lamprophyre dyke with sharp wavy contacts and sparse small xenoliths								
634.65	**637.07**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained strongly-altered green and grey intermediate amphibolite with intermittent quartz-carbonate stringers outlined by weak potassic and sericitic alteration envelopes								
637.07	**638.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained massive grey and black intrusive lamprophyre dyke with sharp greenish sericite-chlorite altered contacts and abundatn greyish carbonate phenocrysts								
638.20	**642.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained strongly potassic-altered quartz-feldspar-biotite unit with weak foliation in places and quartz-porphyritic texture; intermittent quartz-carbonate stringers with potassic and sericitic alteration envelopes								
642.83	**645.12**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained grey and black intrusive lamprophyre dyke with sharp altered contacts and abundant carbonate phenocrysts	C67902	644.5	645.12	0.62	0.032	AGAT_FAICP		
645.12	**645.74**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained strongly siliceous intermediate amphibolite with strong alteration; groundmass appears to be a blend of patchy amphibole and fine-grained quartz along with minor disseminated pyrite	C67903	645.12	645.74	0.62	0.068	AGAT_FAICP		
645.74	**646.05**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** very fine to fine-grained dark grey and black intrusive lamprophyre dyke with disseminated carbonate phenocrysts and knife-sharp quenched margins	C67904	645.74	646.05	0.31	0.007	AGAT_FAICP		
646.05	**647.83**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C67905	646.05	647	0.95	0.099	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 dark grey and pink quartzofeldspathic material separted by bands of amphibole-biotite; thin quartz-carbonate veinlets present as well as patchy chlorite alteration near lower contact; minor Py	C67907	647	647.83	0.83	0.084	AGAT_FAICP		
647.83	**648.74**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** massive grey and black intrusive lamprophyre dyke with knife-sharp undulating quenched margins and disseminated carbonate phenocrysts	C67908	647.83	648.74	0.91	0.004	AGAT_FAICP		
648.74	**649.88**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium-grained green and grey intermediate amphibolite with trace foliation and intermittent carbonate stringers; minor patches of disseminated pyrite								
649.88	**651.61**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** fine to medium-grained pink and grey siliceous quartz-feldspar-biotite groundmass with strong potassic and sericitic alteration around quartz-carbonate stringers; blebs of amphibolite wallrock incorporated near lower contact								
651.61	**654.61**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** medium to coarse-grained green intermediate amphibolite with moderate to strong foliation and intermittent hairline quartz-carbonate veinlets; one large grey quartz vein with patchy pink feldspar broken out in relevant tabs; minor disseminated to banded pyrite								
654.61	**656.27**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** medium-grained pink and grey quartz-feldspar-biotite unit with occasional amphibolite bands and fragments; strong potassic and associated chloritic alteration; pockets of quartzofeldspathic melt throughout								
656.27	**660.22**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** fine to medium-grained green and grey intermediate amphibolite with banding defined by intermittent quartzofeldspathic melt and two pegmatitic bands; quartz-carbonate stringers with little to no visible alteration and one ultramafic lamprophyre dykelet								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
660.22	**661.35**	**(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 foliation; intermittent hairline quartz-carbonate stringers with potassic and sericitic alteration envelopes								
661.35	**666.00**	**(QFP) Quartz Feldspar Porphyry, ( )** EOH at 666 metres depth; coarse-grained pink and grey quartz-porphyritic quartzofeldspathic groundmass with interstitial biotite and amphibole; areas where quartz eyes are preferentially potassic-altered and reddish-pink in colour; one section of quartzofeldspathic melt with suspended bits of wallrock material								

Newmont

Geological Description with Assays

Hole ID : **BL19-01091W**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	9.56	Easting :	333874.58	Logged By :	Tyler.Compton
Dip :	-68	Northing :	5302727.81	Logged By 2 :	Brad.Clarke
Length :	1389	Elevation :	430.877	Log Start :	4-Oct-2019
Drill Start :	18-Sep-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	29-Oct-2019
Drill Completed :	19-Oct-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Wedge hole off of parent hole BL19-01091. Bottom of wedge placed at 656m. Hanging wall units reflected those intersected by adjacent holes as expected. Mineralized zone/potential ore zone was mainly a think pink altered FGG unit between 1050 and 1126m. No GBFG was observed but sulfide rich FGSBI was observed above and below the FGG unit. It is interpreted to have intersected up dip of the target based on LeapFrog projections. Orientation was good. Few good lineations were observed (very strained FGC and minor AMP content). Alteration halo around the mineralized zone was strong. Two LAMP dykes might be along faults as brecciation was observed. Tyler Compton logged 0-800m and 1250-EOH. Brad Clarke logged 800-1250m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
654.60	**660.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine grained equigranular AMP. 50% AMP. 20% fine dissem biot. 30% white qz-fpsr. Prominent dm scale enclaves of strong bleaching/alt and partial melt. Trace very fine dissem Py throughout.								
660.70	**662.02**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Strong alteration obscures texture; Ser-Silic-K assemblage. Appears fine grained to aphanitic though occ amp porphs are visible. Grades into QFP downhole. Weak foliation accentuated by Ser. Trace very fine dissem Py throughout. No veining.								
662.02	**669.25**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z23501	664	665	1	0.005	AGAT_FAICP		
		Amp/biot-rich felsic groundmass hosting 35% subhedral fspr porphs <1cm. Patchy diffuse pink K-Hem alt throughout. Combined 25% biot-amp; dissem; <2mm; alignment imparts weak foliation. No significant veining. Local 5% over 10cm dissem Py at lower contact with	Z23502	665	666	1	0.005	AGAT_FAICP		
			Z23503	666	667	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
AMP.			Z23504	667	668	1	0.003	AGAT_FAICP		
			Z23505	668	668.5	0.5	0.004	AGAT_FAICP		
			Z23507	668.5	669.25	0.75	0.019	AGAT_FAICP		
669.25	**675.15**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine equigranular AMP. Moderately altered throughout: Ser-Silic-K assemblage; pervasive. 50% amp; 30% Plag-Kspr; 20% biot. 1% fine dissem Py; discontinuous; local 3% over 30cm. Weak to moderate foliation accentuated by alteration and occasional concordant veinlets <1cm. Exhibits melting at lower contact with LAMP.	Z23508	669.25	670	0.75	0.048	AGAT_FAICP		
			Z23509	670	671	1	0.007	AGAT_FAICP		
			Z23510	671	672	1	0.012	AGAT_FAICP		
			Z23511	672	672.65	0.65	0.013	AGAT_FAICP		
			Z23513	672.65	673	0.35	0.002	AGAT_FAICP		
			Z23514	673	674	1	0.016	AGAT_FAICP		
			Z23515	674	675.15	1.15	0.052	AGAT_FAICP		
675.15	**676.46**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained equigranular LAMP. Biot-rich. Massive. Strongly magnetic. Minor alteration at contacts. No vis sulfs.	Z23516	675.15	676.46	1.31	0.003	AGAT_FAICP		
676.46	**685.03**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Porphyritic FGS. Very fine qz-fspr groundmass hosting 30% fine qz-fspr porphs; <5mm; dissem. 15% fine dissem biot; alignment imparts weak foliation. 15% dissem amp. Varying diffuse pink K alt throughout. Occ minor dm scale LAMPs. Very fine trace dissem Py throughout. Intense K-Hem-Silic alt proximal to lower contact with LAMP.	Z23517	676.46	677.15	0.69	0.005	AGAT_FAICP		
			Z23519	677.15	678	0.85	0.008	AGAT_FAICP		
			Z23520	678	679	1	0.004	AGAT_FAICP		
			Z23521	679	680	1	0.003	AGAT_FAICP		
			Z23522	680	681	1	0.007	AGAT_FAICP		
			Z23523	681	682	1	0.005	AGAT_FAICP		
			Z23524	682	683	1	0.004	AGAT_FAICP		
			Z23525	683	684	1	0.004	AGAT_FAICP		
			Z23527	684	685	1	0.051	AGAT_FAICP		
685.03	**685.38**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** As desc in 675.15-676.46m. No mag. Strongly altered pale green margins.	Z23528	685	685.38	0.38	0.009	AGAT_FAICP		
685.38	**688.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Blocky and brecciated; healed. Intensely altered: K-Silic-Chl assemblage. Patchy pink-grey colouration. Alteration obscures original texture. Trace very fine dissem Py throughout. Minor pegmatitic partial melt segment 687.95-688.30m.	Z23529	685.38	686	0.62	0.018	AGAT_FAICP		
			Z23530	686	687	1	0.03	AGAT_FAICP		
			Z23531	687	687.7	0.7	0.044	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23533	687.7	688.5	0.8	0.128	AGAT_FAICP		
688.75	**689.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Brecciated and blocky. Fragmented. Intense alteration imparts beige-green pervasive colouration; Ser-Silic-serpentinite? Very fine grained to aphanitic. Riven with chaotic qz-fspr veining stockwork.	Z23534	688.5	689.4	0.9	0.012	AGAT_FAICP		
689.40	**692.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Intense alteration imparts pervasive pink-red colouration; obscures grain size and texture. K-Hem-Silic assemblage. ~30% combined biot-amp; dissem; fine grained. Very fine dissem Py throughout.	Z23535	689.4	690	0.6	0.059	AGAT_FAICP		
			Z23536	690	690.35	0.35	0.009	AGAT_FAICP		
			Z23537	690.35	691	0.65	0.017	AGAT_FAICP		
			Z23539	691	692	1	0.009	AGAT_FAICP		
692.10	**696.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Pervasive strong K-Hem-Silic alt imparts pink colouration. 50% amp present as mm scale porphs. 15% fine dissem biot. Alignment of biot-amp imparts foliation. Well fractures and healed but not brecciated. Trace Py organized into enclaves of 1% dissem over 5cm. No significant viening.	Z23540	692	693	1	0.017	AGAT_FAICP		
			Z23541	693	694	1	0.002	AGAT_FAICP		
			Z23542	694	695	1	0.004	AGAT_FAICP		
			Z23543	695	696	1	0.003	AGAT_FAICP		
			Z23544	696	696.5	0.5	0.002	AGAT_FAICP		
696.50	**696.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark brown fine grained groundmass hosting 20% fine fspr porphs; <3mm. No vis sulfs. No mag. Moderately altered margins; pale green; aphanitic.	Z23545	696.5	697	0.5	0.003	AGAT_FAICP		
696.90	**700.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Strongly altered; obscures texture; K-Hem_Silic assemblage; pervasive. Occ minor LAMPs <20cm. Moderately brecciated; healed. Strongly siliceous. Very fine dissem Py throughout.	Z23547	697	698	1	0.003	AGAT_FAICP		
			Z23548	698	699	1	0.01	AGAT_FAICP		
			Z23549	699	700	1	0.02	AGAT_FAICP		
700.00	**701.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Strongly deformed and melted intermediate litho. Uncertain; possibly AMP; strongly altered. Fine grained felsic matrix with ~50% black amp porphs; mm to cm scale. Coarse dissem Py throughout; <5mm; organized into loose bands accentuating foliation. Strong K-Silic-Hem alt assemblage; pervasive.	Z23550	700	700.9	0.9	0.082	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
701.20	**701.80**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)**	Z23551	700.9	702	1.1	0.103	AGAT_FAICP		
		Qz dominated PEG; 15% fspr; mostly Kspr. Centimeter scale subhedral xls. Indistinct contacts. 10% very coarse black amp; subhedral; mm to cm scale. 2% coarse dissem Py; subhedral; <5mm.								
701.80	**710.45**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	Z23553	702	703	1	0.084	AGAT_FAICP		
		Similar to 700-701.2m; texture is more exaggerated. Intermediate composition. Strongly altered throughout: K-Hem-Silic-Epidote assemblage. Several prominent epidote altered enclaves; apparently assoc with elevated Py. Coarse dissem Py throughout as prev; ~3%.	Z23554	703	704	1	0.061	AGAT_FAICP		
			Z23555	704	705	1	0.037	AGAT_FAICP		
			Z23556	705	705.85	0.85	0.043	AGAT_FAICP		
			Z23557	705.85	706.9	1.05	0.048	AGAT_FAICP		
			Z23559	706.9	708	1.1	0.068	AGAT_FAICP		
			Z23560	708	709	1	0.146	AGAT_FAICP		
			Z23561	709	710	1	0.041	AGAT_FAICP		
			Z23562	710	710.45	0.45	0.022	AGAT_FAICP		
710.45	**712.60**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z23563	710.45	711	0.55	0.012	AGAT_FAICP		
		Fine grained groundmass hosting 30% fine to very coarse subround clasts/xenoliths. Moderately magnetic throughout. No vis sulfs. Chilled margins but no signif alt.	Z23564	711	712	1	0.002	AGAT_FAICP		
			Z23565	712	712.6	0.6	0.011	AGAT_FAICP		
712.60	**713.25**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	Z23567	712.6	713.25	0.65	0.111	AGAT_FAICP		
		As desc in 701.8-710.45m. Distinguished by elevated Py content relative to prev; 5% coarse and clotty.								
713.25	**713.77**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z23568	713.25	714	0.75	0.069	AGAT_FAICP		
		Coarse qz-fspr with lesser coarse POB biot-amp. Centimeter scale subhedral xls. Significant cpx and possible riebeckite; controlled by crystal faces. ~3% coarse clotty Py; mm to cm scale.								
713.77	**717.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z23569	714	714.7	0.7	0.065	AGAT_FAICP		
		Intermediate composition. Aphanitic pink-white felsic groundmass with 30% mm scale black amp porphs; dissem; alignment imparts foliation. Strongly altered throughout: K-Hem-Silic-Epidote assemblage; notably less epidote than in AMP intervals. Fine dissem Py throughout; organization accentuates foliation; 2%.	Z23570	714.7	715.35	0.65	0.062	AGAT_FAICP		
			Z23571	715.35	716	0.65	0.03	AGAT_FAICP		
			Z23573	716	717	1	0.113	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23574	717	717.35	0.35	0.044	AGAT_FAICP		
			Z23575	717.35	717.8	0.45	0.077	AGAT_FAICP		
717.80	**719.15**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Coarse pink-white qz-fspr groundmass; mm scale subhedral xls <15mm. 20% diss amp porphs; mm scale. 5% coarse clotty Py. Indestinct gradational contacts. FGS as desc in 713.77-717.8m.	Z23576	717.8	718.3	0.5	0.032	AGAT_FAICP		
			Z23577	718.3	719.15	0.85	0.063	AGAT_FAICP		
719.15	**719.58**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** As desc in 710.45-712.6m	Z23579	719.15	719.58	0.43	0.095	AGAT_FAICP		
719.58	**719.97**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 713.77-717.18m								
719.97	**720.52**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** As desc in 717.8-719.15m	Z23580	719.58	720.52	0.94	0.049	AGAT_FAICP		
720.52	**725.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Intensely altered: Silic-K-Epidote-Chl assemblage; pervasive. Aphanitic groundmass hosting 20% fine dissem amp-biot porphs; <2mm. Very fine dissem Py throughout.	Z23581	720.52	721.25	0.73	0.066	AGAT_FAICP		
			Z23582	721.25	721.65	0.4	0.095	AGAT_FAICP		
			Z23583	721.65	722.25	0.6	0.092	AGAT_FAICP		
			Z23584	722.25	723	0.75	0.056	AGAT_FAICP		
			Z23585	723	724	1	0.058	AGAT_FAICP		
			Z23587	724	725	1	0.035	AGAT_FAICP		
			Z23588	725	725.7	0.7	0.048	AGAT_FAICP		
725.70	**728.08**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark grey-brown groundmass hosting 30% fine porphs: xenoliths and biot; mm scale <5mm; subround. No vis sulfs. Fault 726-726.30m; fragmented; abundant clay gouge. Occasional slicken surfaces throughout. Strongly magnetic. Strong green alteration at lowermost contact. Minor FGS at 727.32-727.70m; as desc in 720.52-725.7m.	Z23589	725.7	726.5	0.8	0.004	AGAT_FAICP		
			Z23590	726.5	727.32	0.82	0.014	AGAT_FAICP		
			Z23591	727.32	728.08	0.76	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
728.08	**737.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Strong to intense alteration; obscures texture; Silic-Epidote-Chl assemblage; imparts cloudy green colouration. 5% dissem Py; mostly fine grained; locally intense and clotty up to 20% over 30cm. Strongly siliceous. No veining. Banded texture is visible in weakly altered areas; imparted by alignment of fine biot-amp porphs. Overall fine grained with minor clotty white fspr.	Z23593	728.08	729	0.92	0.033	AGAT_FAICP		
			Z23594	729	730	1	0.081	AGAT_FAICP		
			Z23595	730	730.7	0.7	0.036	AGAT_FAICP		
			Z23596	730.7	731.2	0.5	0.075	AGAT_FAICP		
			Z23597	731.2	732	0.8	0.08	AGAT_FAICP		
			Z23599	732	733	1	0.074	AGAT_FAICP		
			Z23600	733	734	1	0.105	AGAT_FAICP		
			Z23601	734	734.4	0.4	0.164	AGAT_FAICP		
			Z23602	734.4	735	0.6	0.098	AGAT_FAICP		
			Z23603	735	736	1	0.139	AGAT_FAICP		
			Z23604	736	736.55	0.55	0.344	AGAT_FAICP		
737.00	**747.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Compositionally the same as previous but distinguished by far less alteration. Strong Py mineralization remains; dissem throughout; 3%; <2mm. Minor deformed diffuse veining. Strong evidence of folding: open folded foliation and narrow PEGs; occasional tightly folded mm scale veins.								
747.90	**748.80**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Opq white qz with coarse pink cm scale fspr xls; more common adjacent to contacts. 3% coarse hackly Py; mm scale <5mm. 10% coarse clotty subhedral biot. Possible melted qz vein with significant assimilation of host material.								
748.80	**749.25**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Opq white qz with lesser coarse pink fspr. Decimeter scale segments devoid of fspr. 1% coarse clotty Py; subhedral; <5mm.								
749.25	**749.65**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** As desc in 747.9-748.8m								
749.65	**750.55**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** As desc in 748.8-749.25m.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

750.55 751.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 737-747.9m

751.00 752.90 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Mostly as desc in 748.8-749.25m. Only minor coarse pink fspr. Occ diffuse host selvages; hosts majority of Py mineralization within interval; locally 5%; mm scale <5mm. Comprises minor FGS at 751.45-751.70m.

752.90 763.65 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS mostly as previous; distinguished by dramatic increase in alteration; strong to intense K-Hem-Silic assemblage. Fine dissem Py continues but appears diminished realtive to prev FGS; ~1%. Occ cm scale pegmatitic qz veins; deformed; concordant. Evidence of folding in foliation and qz veinlets.

763.65 764.00 (QV) Quartz Vein, (QZVT2) Massive quartz vein

As desc in 751-752.9m

764.00 779.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 752.9-763.65m.

779.30 780.30 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Mostly as desc in 751-752.9m; distinguished by presence of coarse musc clots; mm to cm scale <2cm; ~2%. Trace Py; mm scale <3mm; clotty; subhedral. ~70% opq white qz hosting lesser coarse pink-red clotty fspr.

780.30 804.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Mostly as described previously. Strongly altered: K-Hem-Silic. ~1-2% fine dissem Py. Moderately developed foliation. Apparent minor elevation of amp content; ~10%; patchy; fine grained. Occ cm scale qz veining; ~2%; <5cm. Evidence of folding in foliation and qz veins.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

804.00 805.22 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained weakly to moderately foliated moderately porphyritic py rich grey and black FGS. Coarse pinkish white plag and black hornblend cyrstals are weakly porphyritic in a slightly less coarse grained plag qtz hld bio matrix. Abundant anhedral fine grined py cyrstals throughout with small aggregates locally. Short upper and lower contacts. Non magnetic.

805.22 815.90 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly foliated pink and red altered FGS. Entire section is completely altered red and pink with several small white qtz veins and numerous thin random white veinlets with weak to strong bleached alteration halos. No sulfides. Non magnetic. Sharp upper and lower contacts. Lower contact with small xenolith rich LAMP dyke.

815.90 816.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Small altered green xenolith rich LAMP dyke. Low angle sharp immediate contacts. Xenolith abundance results in compositional banding. Xenoliths are dark black angular fragments. Non magnetic. No sulfides.

816.30 822.40 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly foliated pink and red altered FGS. Entire section is completely altered red and pink with several small white qtz veins and numerous thin random white veinlets with weak to strong bleached alteration halos. No sulfides. Non magnetic. Sharp upper and lower contacts. Upper contact with small xenolith rich LAMP dyke.

822.40 903.07 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly to moderately foliated locally massive Amp rich FGS. Unit previously referred to as DIOAM unit containing labradorite above the ore zone. Locally foliation is strong and slightly banded. Locally altered completely in one section around 841m. Several small white and pink QV and QF veins. Amp patches observed unevenly throughout and may be clasts or volcanic bombs. Labradorite pervasively observed before 855m. Trace py and ep locally. Numerous thin white veinlets with weak to moderate alteration halos throughout. Locally sections are altered pink weakly. Several small QF and qtz carb veins observed. Non magnetic.

903.07 904.86 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

White and pink PEG vein.

904.86 954.00 (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 weakly foliated locally massive Amp rich FGS. Unit previously referred to as DIOAM unit containing labradorite above the ore zone. Locally foliation is moderate. Locally altered completely in a few short sections. Several small white and pink QV and QF veins. Amp patches observed unevenly throughout and may be clasts or volcanic bombs. Labradorite pervasively. Numerous thin white veinlets with weak to moderate alteration halos throughout. Locally sections are altered pink weakly. Several small QF and qtz carb veins observed. Non magnetic.								
954.00	**976.71**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Continuation of previous FGS/DIOAM. Medium to coarse grained weakly foliated locally massive Amp rich FGS. Unit previously referred to as DIOAM unit containing labradorite above the ore zone. Locally foliation is moderate. Locally altered completely in a few short sections. Several small white and pink QV and QF veins. Amp patches observed unevenly throughout and may be clasts or volcanic bombs. Labradorite pervasively. Numerous thin white veinlets with weak to moderate alteration halos throughout. Locally sections are altered pink weakly. Several small QF and qtz carb veins observed. Non magnetic. No sulfides observed.								
976.71	**995.33**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Coarse grained weakly to moderately foliated strongly porphyritic grey and white FGS (Sometimes previously logged as DIO). Coarse rounded white plag porphs throughout. Matrix is composed of bio plag and qtz. Rare fine Py locally. Few QF melt patches and veins. Two qtz carb veins with a strong to moderate bleached and chl alteration halo. Sharp upper and lower contacts. Lower contact is banded. Many small white and black veinlets with weak alteration halos. Very weak magnetism. Abundant bio locally. Minor green cpx within few melt patches. Might be QFP but matrix isn't fine grained as usual instead it's composed of mainly coarse grained plag with minor bio and qtz.								
995.33	**998.11**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to coarse grained moderately foliated strongly banded locally folded intermediate AMP. QF and qtz veining throughout section. Compositional banding throughout as bio amp and veining varies. Aggregates of Py unevenly throughout. Sharp banded upper and lower contacts. Non magnetic.								
998.11	**1000.47**	**(QFP) Quartz Feldspar Porphyry, ( )**								
		Fine to coarse grained moderately foliated QFP. Large white subrounded plag porphs throughout within a fine to medium graine plag bio qtz matrix. Trace fine diss Py. Sharp upper and lower contacts.								
1000.47	**1000.77**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z23605	1000.47	1000.77	0.3	0.087	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Small biotite rich pink medium to coarse vein. Biotite aggreate band within the middle of the vein. Sharp banded upper and lower contacts. Minor fine Py aggreates locally within the small unit.								
1000.77	**1016.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated locally banded and altered FGS. Top two metres have coarse Amp crystals with depletion halos forming banding. 1005.5 to 1006 contains a red strongly K altered section. Bio and amp content varies slightly throughtout. Sharp upper and lower contacts. Unit continues below after the magnetic LAMP. Trace fine Py throughtout. Few small white veinlets with weak alteration halos. Weak bleaching pervasively. Very weak magnetism locally.	Z23607	1000.77	1002	1.23	0.023	AGAT_FAICP		
			Z23608	1002	1003	1	0.026	AGAT_FAICP		
			Z23609	1003	1004	1	0.035	AGAT_FAICP		
			Z23610	1004	1005	1	0.015	AGAT_FAICP		
			Z23611	1005	1006	1	0.025	AGAT_FAICP		
			Z23613	1006	1007	1	0.034	AGAT_FAICP		
			Z23614	1007	1008	1	0.019	AGAT_FAICP		
			Z23615	1008	1009	1	0.035	AGAT_FAICP		
			Z23616	1009	1010	1	0.021	AGAT_FAICP		
			Z23617	1010	1011	1	0.015	AGAT_FAICP		
			Z23619	1011	1012	1	0.021	AGAT_FAICP		
			Z23620	1012	1013	1	0.03	AGAT_FAICP		
			Z23621	1013	1014	1	0.02	AGAT_FAICP		
			Z23622	1014	1015	1	0.017	AGAT_FAICP		
			Z23623	1015	1016	1	0.014	AGAT_FAICP		
			Z23624	1016	1016.5	0.5	0.007	AGAT_FAICP		
1016.50	**1017.67**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to medium grained banded magnetic LAMP dyke. Sharp immediate upper and lower contacts. Smaller later Lamp dykes cut parallel along dyke. Carb spects observed throughout. Several small white thin carb veinlets. No sulfudes.	Z23625	1016.5	1017.67	1.17	0.001	AGAT_FAICP		
1017.67	**1029.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated locally banded and altered FGS.Locally medium grained Amp crystals have depletion halos. Bio and amp content varies slightly throughtout. Sharp upper contact. Gradational lower contact as Musc is observed. Few small white veinlets with weak alteration halos.	Z23627	1017.67	1019	1.33	0.013	AGAT_FAICP		
			Z23628	1019	1020	1	0.014	AGAT_FAICP		
			Z23629	1020	1021	1	0.022	AGAT_FAICP		
			Z23630	1021	1022	1	0.01	AGAT_FAICP		
			Z23631	1022	1023	1	0.03	AGAT_FAICP		
			Z23633	1023	1024	1	0.007	AGAT_FAICP		
			Z23634	1024	1025	1	0.006	AGAT_FAICP		
			Z23635	1025	1026	1	0.007	AGAT_FAICP		
			Z23636	1026	1027	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23637	1027	1028	1	0.008	AGAT_FAICP		
			Z23639	1028	1029	1	0.029	AGAT_FAICP		
1029.00	**1051.16**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately foliated weakly banded FGS Mu. No true contact with unit above. Musc is observed slightly at the top and increases significantly in abundance down hole. Lower FGSMu has much more muscovite. Weak compositional banding is observed as grain size and bio content varies slightly. Few small white QVs and thin white veinlets with weak bleached alteration halos. Melt patchs locally. Minor to trace fine diss Py pervasively. No Po observed. Gradual lower contact as Musc content increases significantly in the next FGSMu unit which verges on FGG. Non magnetic.	Z23640	1029	1030	1	0.04	AGAT_FAICP		
			Z23641	1030	1031	1	0.02	AGAT_FAICP		
			Z23642	1031	1032	1	0.006	AGAT_FAICP		
			Z23643	1032	1033	1	0.007	AGAT_FAICP		
			Z23644	1033	1034	1	0.038	AGAT_FAICP		
			Z23645	1034	1035	1	0.027	AGAT_FAICP		
			Z23647	1035	1036	1	0.02	AGAT_FAICP		
			Z23648	1036	1037	1	0.04	AGAT_FAICP		
			Z23649	1037	1038	1	0.04	AGAT_FAICP		
			Z23650	1038	1039	1	0.03	AGAT_FAICP		
			Z23651	1039	1040	1	0.02	AGAT_FAICP		
			Z23653	1040	1041	1	0.02	AGAT_FAICP		
			Z23654	1041	1042	1	0.02	AGAT_FAICP		
			Z23655	1042	1043	1	0.02	AGAT_FAICP		
			Z23656	1043	1044	1	0.0005	AGAT_FAICP		
			Z23657	1044	1045	1	0.01	AGAT_FAICP		
			Z23659	1045	1046	1	0.0005	AGAT_FAICP		
			Z23660	1046	1047	1	0.02	AGAT_FAICP		
			Z23661	1047	1048	1	0.01	AGAT_FAICP		
			Z23662	1048	1049	1	0.0005	AGAT_FAICP		
			Z23663	1049	1050	1	0.01	AGAT_FAICP		
			Z23664	1050	1050.5	0.5	0.02	AGAT_FAICP		
			Z23665	1050.5	1051.16	0.66	0.01	AGAT_FAICP		
1051.16	**1051.51**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained strongly foliated muscovite rich light grey FGG. Short diffuse contacts with mineralogical change. Minor Py throughout. No Po observed. Few white altered feldspars. Coarse musc and trace fine sil. Non magnetic.	Z23667	1051.16	1051.51	0.35	0.81	AGAT_FAICP		
1051.51	**1059.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to coarse grained moderately foliated weakly clotty FGS Mu. No true contact with unit	Z23668	1051.51	1052	0.49	0.02	AGAT_FAICP		
			Z23669	1052	1053	1	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		above. Musc observed throughout with high concentrations locally. Few small white QVs and thin white veinlets with weak bleached alteration halos. Melt patchs locally. Minor to trace fine diss Py pervasively. No Po observed. Gradual lower contact and upper contacts. Non magnetic.	Z23670	1053	1054	1	0.02	AGAT_FAICP		
			Z23671	1054	1055	1	0.01	AGAT_FAICP		
			Z23673	1055	1055.5	0.5	0.0005	AGAT_FAICP		
			Z23674	1055.5	1056	0.5	0.01	AGAT_FAICP		
			Z23675	1056	1056.5	0.5	0.01	AGAT_FAICP		
			Z23676	1056.5	1057	0.5	0.02	AGAT_FAICP		
			Z23677	1057	1057.5	0.5	0.02	AGAT_FAICP		
			Z23679	1057.5	1058	0.5	0.0005	AGAT_FAICP		
			Z23680	1058	1058.5	0.5	0.01	AGAT_FAICP		
			Z23681	1058.5	1059	0.5	0.0005	AGAT_FAICP		
			Z23682	1059	1059.35	0.35	0.0005	AGAT_FAICP		
1059.35	**1061.87**	**(FGG) Felsic Gneiss Granitic, ( )**	Z23683	1059.35	1060.2	0.85	0.01	AGAT_FAICP		
		Medium to coarse grained strongly foliated muscovite rich light grey FGG. Short diffuse contacts with mineralogical change. Minor Py throughout. No Po observed. Few white altered feldspars. Coarse musc and trace fine sil. Non magnetic.	Z23684	1060.2	1060.9	0.7	0.01	AGAT_FAICP		
			Z23685	1060.9	1061.5	0.6	0.01	AGAT_FAICP		
			Z23687	1061.5	1061.87	0.37	0.03	AGAT_FAICP		
1061.87	**1067.18**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	Z23688	1061.87	1062.5	0.63	0.03	AGAT_FAICP		
		Fine to medium grained moderately foliated weakly clotty FGS Mu. No true contact with unit above or below as composition changes gradually. Musc observed throughout with high concentrations locally. Few small white thin white veinlets with weak bleached alteration halos. Possibly conglomeratic texture locally but it looks like proto leucosomes more than clasts. Minor to trace fine diss Py pervasively. No Po observed. Non magnetic.	Z23689	1062.5	1063	0.5	0.02	AGAT_FAICP		
			Z23690	1063	1064	1	0.01	AGAT_FAICP		
			Z23691	1064	1065	1	0.02	AGAT_FAICP		
			Z23693	1065	1066	1	0.03	AGAT_FAICP		
			Z23694	1066	1067.18	1.18	0.03	AGAT_FAICP		
1067.18	**1073.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z23695	1067.18	1068	0.82	0.03	AGAT_FAICP		
		Fine to medium grained strongly foliated compositionally banded altered FGS bio. Biotite much more abundant than previous unit. Trace musc. Ample epidote alteration evenly distributed throughout. Weakly porphyritic locally. Qtz eye texture locally. Minor fine diss Po and Py unevenly distributed. Weak bleaching and K alteration unevenly distributed. Few small qtz carb veinlets with strong alteration halos. A very altered and variable unit. Non magnetic. Gradual upper contact and sharp lower contact.	Z23696	1068	1069	1	0.02	AGAT_FAICP		
			Z23697	1069	1070	1	0.02	AGAT_FAICP		
			Z23699	1070	1071	1	0.09	AGAT_FAICP		
			Z23700	1071	1072	1	0.04	AGAT_FAICP		
			Z23701	1072	1073	1	0.05	AGAT_FAICP		
			Z23702	1073	1073.66	0.66	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1073.66	**1074.07**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark grey magnetic banded LAMP dyke. Few xenoliths. Green altered upper and lower contacts. Many small qtz carb veins with green alteration halos. Immediate upper and lower contacts.	Z23703	1073.66	1074.07	0.41	0.0005	AGAT_FAICP		
1074.07	**1074.88**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained strongly foliated weakly qtz eye textured strongly altered FGS. Non magnetic. No sulfides observed. Sharp immediate contacts.	Z23704	1074.07	1074.88	0.81	0.02	AGAT_FAICP		
1074.88	**1076.83**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to coarse grained blocky compositionally banded xenolith rich altered green LAMP. Two parts of the dyke are intensely altered green and show broken clay rich core which might be a fault gauge. One small section within the dyke is dark grey magnetic and unaltered. Sharp immediate upper and lower contacts.	Z23705	1074.88	1076	1.12	0.04	AGAT_FAICP		
			Z23707	1076	1076.83	0.83	0.02	AGAT_FAICP		
1076.83	**1081.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained strongly foliated compositionally banded altered FGS bio. Weakly porphyritic locally. Qtz eye texture locally. Minor fine diss Po and Py unevenly distributed. Weak bleaching and K alteration unevenly distributed. Few small qtz carb veinlets with strong alteration halos. A very altered and variable unit. Non magnetic.	Z23708	1076.83	1078	1.17	0.0005	AGAT_FAICP		
			Z23709	1078	1079	1	0.1	AGAT_FAICP		
			Z23710	1079	1079.5	0.5	0.04	AGAT_FAICP		
			Z23711	1079.5	1080	0.5	0.12	AGAT_FAICP		
			Z23713	1080	1081	1	0.15	AGAT_FAICP		
			Z23714	1081	1082	1	0.21	AGAT_FAICP		
1081.80	**1082.07**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained strongly foliated conglomeratic FGC. Short unit with diffuse contact. Trace Py. Compositional banded as clasts alternate. Might not be conglo but proto leucosomes but difficult to tell.								
1082.07	**1085.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained strongly foliated compositionally banded altered FGS bio. Weakly porphyritic locally. Qtz eye texture locally. Minor fine diss Po and Py unevenly distributed. Weak bleaching and K alteration unevenly distributed. Few small qtz carb veinlets with strong alteration halos. A very altered and variable unit. Non magnetic.	Z23715	1082	1083	1	0.15	AGAT_FAICP		
			Z23716	1083	1083.7	0.7	0.04	AGAT_FAICP		
			Z23717	1083.7	1084.3	0.6	0.03	AGAT_FAICP		
			Z23719	1084.3	1084.8	0.5	0.318	AGAT_FAICP		
			Z23720	1084.8	1085.8	1	0.242	AGAT_FAICP		
1085.80	**1087.05**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z23721	1085.8	1086.5	0.7	0.026	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine grained massive intensely latered LAMP dyke. No sulfides. Albite altered? Sericite alteration. Possible carb or chl alteration too. Sharp upper and lower contact. Might not even be a LAMP but so altered it is difficult to confidently determine.	Z23722	1086.5	1087.05	0.55	2.49	AGAT_FAICP		
1087.05	**1090.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z23723	1087.05	1087.5	0.45	0.081	AGAT_FAICP		
		Fine to medium grained strongly foliated compositionally banded altered FGS bio. Minor fine diss Po and Py unevenly distributed. Weak bleaching and K alteration unevenly distributed. Few small qtz carb veinlets with strong alteration halos. A very altered and variable unit (Potassic or albite altered). Non magnetic.	Z23724	1087.5	1088	0.5	0.056	AGAT_FAICP		
			Z23725	1088	1088.5	0.5	0.278	AGAT_FAICP		
			Z23727	1088.5	1089	0.5	0.03	AGAT_FAICP		
			Z23728	1089	1089.5	0.5	0.049	AGAT_FAICP		
			Z23729	1089.5	1090	0.5	0.02	AGAT_FAICP		
1090.00	**1090.78**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z23730	1090	1090.4	0.4	0.005	AGAT_FAICP		
		Fine grained green sericite altered xenolith rich non magnetic LAMP dyke. No sulfides. Ample sericite alteration. Sharp immediate upper and lower contact. Very confident in LAMP definition unlike previous LAMP which was also very altered.	Z23731	1090.4	1090.78	0.38	0.005	AGAT_FAICP		
1090.78	**1126.75**	**(FGG) Felsic Gneiss Granitic, ( )**	Z23733	1090.78	1091.5	0.72	0.029	AGAT_FAICP		
		Medium to coarse grained strongly foliated intensely and completely altered pink FGG. Clotty aggregates of Musc and white altered feldspars find wisps of sil and aggregates of bio and chl evenly distributed throughout. Locally weak qtz eyes are observed. Homogenous. K spar dominated matrix. Minor Py and Po. Few small white QVs. Many qtz veinlets with alteration halos that blend into the altered host rock. Sericite observed locally in few sections. Generally Homogenous. Sharp upper and lower contact. Upper contact with LAMP. Lower contact is the lower extent of alteration.	Z23734	1091.5	1092	0.5	0.01	AGAT_FAICP		
			Z23735	1092	1092.5	0.5	0.023	AGAT_FAICP		
			Z23736	1092.5	1093	0.5	0.036	AGAT_FAICP		
			Z23737	1093	1093.5	0.5	0.069	AGAT_FAICP		
			Z23739	1093.5	1094	0.5	0.066	AGAT_FAICP		
			Z23740	1094	1094.5	0.5	0.078	AGAT_FAICP		
			Z23741	1094.5	1095	0.5	0.089	AGAT_FAICP		
			Z23742	1095	1095.5	0.5	0.107	AGAT_FAICP		
			Z23743	1095.5	1096	0.5	1.19	AGAT_FAICP		
			Z23744	1096	1096.5	0.5	0.185	AGAT_FAICP		
			Z23745	1096.5	1097	0.5	0.198	AGAT_FAICP		
			Z23747	1097	1097.5	0.5	0.071	AGAT_FAICP		
			Z23748	1097.5	1098	0.5	0.09	AGAT_FAICP		
			Z23749	1098	1098.5	0.5	0.065	AGAT_FAICP		
			Z23750	1098.5	1099	0.5	0.043	AGAT_FAICP		
			Z23751	1099	1099.5	0.5	0.072	AGAT_FAICP		
			Z23753	1099.5	1100	0.5	0.057	AGAT_FAICP		
			Z23754	1100	1100.5	0.5	0.22	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23755	1100.5	1101	0.5	0.227	AGAT_FAICP		
			Z23756	1101	1101.5	0.5	0.512	AGAT_FAICP		
			Z23757	1101.5	1102	0.5	0.094	AGAT_FAICP		
			Z23759	1102	1102.5	0.5	0.099	AGAT_FAICP		
			Z23760	1102.5	1103	0.5	0.048	AGAT_FAICP		
			Z23761	1103	1103.5	0.5	0.091	AGAT_FAICP		
			Z23762	1103.5	1104	0.5	0.132	AGAT_FAICP		
			Z23763	1104	1104.5	0.5	0.162	AGAT_FAICP		
			Z23764	1104.5	1105	0.5	0.311	AGAT_FAICP		
			Z23765	1105	1105.5	0.5	0.202	AGAT_FAICP		
			Z23767	1105.5	1106	0.5	0.096	AGAT_FAICP		
			Z23768	1106	1106.5	0.5	0.082	AGAT_FAICP		
			Z23769	1106.5	1107	0.5	0.119	AGAT_FAICP		
			Z23770	1107	1107.5	0.5	0.114	AGAT_FAICP		
			Z23771	1107.5	1108	0.5	0.226	AGAT_FAICP		
			Z23773	1108	1108.5	0.5	0.242	AGAT_FAICP		
			Z23774	1108.5	1109	0.5	0.355	AGAT_FAICP		
			Z23775	1109	1109.5	0.5	0.269	AGAT_FAICP		
			Z23776	1109.5	1110	0.5	0.19	AGAT_FAICP		
			Z23777	1110	1110.5	0.5	0.356	AGAT_FAICP		
			Z23779	1110.5	1111	0.5	0.551	AGAT_FAICP		
			Z23780	1111	1111.5	0.5	0.628	AGAT_FAICP		
			Z23781	1111.5	1112	0.5	0.688	AGAT_FAICP		
			Z23782	1112	1112.5	0.5	0.46	AGAT_FAICP		
			Z23783	1112.5	1113	0.5	0.242	AGAT_FAICP		
			Z23784	1113	1113.5	0.5	0.11	AGAT_FAICP		
			Z23785	1113.5	1114	0.5	0.132	AGAT_FAICP		
			Z23787	1114	1114.5	0.5	0.076	AGAT_FAICP		
			Z23788	1114.5	1115	0.5	0.11	AGAT_FAICP		
			Z23789	1115	1115.5	0.5	0.111	AGAT_FAICP		
			Z23790	1115.5	1116	0.5	0.181	AGAT_FAICP		
			Z23791	1116	1116.5	0.5	0.144	AGAT_FAICP		
			Z23793	1116.5	1117	0.5	0.672	AGAT_FAICP		
			Z23794	1117	1117.5	0.5	0.27	AGAT_FAICP		
			Z23795	1117.5	1118	0.5	0.196	AGAT_FAICP		
			Z23796	1118	1118.5	0.5	0.385	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23797	1118.5	1119	0.5	0.237	AGAT_FAICP		
			Z23799	1119	1119.5	0.5	0.348	AGAT_FAICP		
			Z23800	1119.5	1120	0.5	0.196	AGAT_FAICP		
			Z23801	1120	1120.5	0.5	0.178	AGAT_FAICP		
			Z23802	1120.5	1121	0.5	0.097	AGAT_FAICP		
			Z23803	1121	1121.5	0.5	0.467	AGAT_FAICP		
			Z23804	1121.5	1122	0.5	0.375	AGAT_FAICP		
			Z23805	1122	1122.5	0.5	0.68	AGAT_FAICP		
			Z23807	1122.5	1123	0.5	0.286	AGAT_FAICP		
			Z23808	1123	1123.5	0.5	0.186	AGAT_FAICP		
			Z23809	1123.5	1124	0.5	0.691	AGAT_FAICP		
			Z23810	1124	1124.5	0.5	0.424	AGAT_FAICP		
			Z23811	1124.5	1125	0.5	0.409	AGAT_FAICP		
			Z23813	1125	1125.5	0.5	0.32	AGAT_FAICP		
			Z23814	1125.5	1126	0.5	0.178	AGAT_FAICP		
			Z23815	1126	1126.4	0.4	0.245	AGAT_FAICP		
			Z23816	1126.4	1126.75	0.35	0.164	AGAT_FAICP		
1126.75	**1131.96**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained strongly foliated compositionally banded weakly to moderately porphyritic altered grey and black FGSBI. Minor fine diss Po and Py unevenly distributed. Weak K and Siliceous alteration unevenly distributed. Few small qtz carb veinlets with strong alteration halos. A very altered and variable unit. Non magnetic. Looks like GBFG without garnets. Small anhedral plag porphs unevenly distributed throughout most of the unit. Fine grained biotite rich matrix. (locally resembles DIOP1?) Sharp upper and lower contact. Epidote alteration locally.	Z23817	1126.75	1127.3	0.55	0.097	AGAT_FAICP		
			Z23819	1127.3	1128	0.7	0.05	AGAT_FAICP		
			Z23820	1128	1129	1	0.024	AGAT_FAICP		
			Z23821	1129	1130	1	0.026	AGAT_FAICP		
			Z23822	1130	1131	1	0.004	AGAT_FAICP		
			Z23823	1131	1131.96	0.96	0.079	AGAT_FAICP		
1131.96	**1132.40**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained banded conglomerate strained altered FGC. Few clasts are observeable within the unit. Minor Ep throughout. Minor Po and Py. Sharp upper and lower contacts. Minor hld. One poor stretching lineation taken.	Z23824	1131.96	1132.4	0.44	0.061	AGAT_FAICP		
1132.40	**1140.81**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained moderately foliated porphyritic FGS. Subrounded plag porphs make up most of the matrix. Minor fine to medium grained qtz bio and amp between porphs. Trace Po and Py with more Po observed slightly. Strain intensity varies slightly within the unit as the porphs become more elongated locally. Small veinlets with weak and strong alteration halos observed. One barren QV within the unit.	Z23825	1132.4	1133	0.6	0.004	AGAT_FAICP		
			Z23827	1133	1133.6	0.6	0.007	AGAT_FAICP		
			Z23828	1133.6	1134.2	0.6	0.007	AGAT_FAICP		
			Z23829	1134.2	1135	0.8	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23830	1135	1136	1	0.043	AGAT_FAICP		
			Z23831	1136	1137	1	0.006	AGAT_FAICP		
			Z23833	1137	1138	1	0.007	AGAT_FAICP		
			Z23834	1138	1139	1	0.011	AGAT_FAICP		
			Z23835	1139	1140	1	0.056	AGAT_FAICP		
			Z23836	1140	1140.81	0.81	0.007	AGAT_FAICP		
1140.81	**1150.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to coarse grained biotite rich strongly foliated weakly compositionally banded FGSBI. One small section between 1148.6 and 1149.5 is coarse grained and locally banded. No clasts terminations observed. The rest of the section is biotite rich. Weak medium grained plag porphs are observed pervasively. Minor fine diss Ep Py and trace po. Several small white veinlets with strong thin and wide alteration halos. One small white QV with few coarse Py and Po aggregates.	Z23837	1140.81	1141.45	0.64	0.011	AGAT_FAICP		
			Z23839	1141.45	1142	0.55	0.008	AGAT_FAICP		
			Z23840	1142	1143	1	0.271	AGAT_FAICP		
			Z23841	1143	1144	1	0.055	AGAT_FAICP		
			Z23842	1144	1145	1	0.026	AGAT_FAICP		
			Z23843	1145	1146	1	0.03	AGAT_FAICP		
			Z23844	1146	1147	1	0.023	AGAT_FAICP		
			Z23845	1147	1148	1	0.025	AGAT_FAICP		
			Z23847	1148	1149	1	0.1	AGAT_FAICP		
			Z23848	1149	1150.1	1.1	0.109	AGAT_FAICP		
1150.10	**1151.67**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained strongly foliated porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz bio amp matrix. Fine diss Po and Py throughout. Sharp upper and lower contacts. Ample bio. Several small white veinlets with weak alteration halos. Non magnetic.	Z23849	1150.1	1151	0.9	0.026	AGAT_FAICP		
			Z23850	1151	1151.67	0.67	0.016	AGAT_FAICP		
1151.67	**1156.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium grained banded strongly foliated FGS. Medium grained FGS is compositionally banded as leucosomes and melanosomes are moderate to well defined. Locally biotite is present in coarse aggregate bands. Few QF veins and melt textures. Minor fine diss Po and Py pervasively. Gradual banded lower contact. Sharp upper contact.	Z23851	1151.67	1152	0.33	0.177	AGAT_FAICP		
			Z23853	1152	1153	1	0.119	AGAT_FAICP		
			Z23854	1153	1154	1	0.139	AGAT_FAICP		
			Z23855	1154	1155	1	0.216	AGAT_FAICP		
			Z23856	1155	1156	1	0.155	AGAT_FAICP		
			Z23857	1156	1156.55	0.55	0.091	AGAT_FAICP		
1156.55	**1156.94**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained strongly foliated conglomeratic grey FGC. Strained clasts show no terminations but confident in the identifier. Gradual upper contact and sharp lower contact. Trace fine diss Po and Py. Qtz feld amp and bio matrix. Alternating compositions. Non	Z23859	1156.55	1156.94	0.39	0.068	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
magnetic.										
1156.94	**1160.49**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z23860	1156.94	1158	1.06	0.011	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz bio amp matrix. Fine diss Po and Py throughout. Sharp upper and lower contacts. Ample bio. Several small white veinlets with weak alteration halos. Non magnetic.			Z23861	1158	1159	1	0.018	AGAT_FAICP		
			Z23862	1159	1160	1	0.016	AGAT_FAICP		
			Z23863	1160	1160.49	0.49	0.006	AGAT_FAICP		
1160.49	**1161.25**	**(AMP) Amphibolite, ( )**	Z23864	1160.49	1161.25	0.76	0.01	AGAT_FAICP		
Fine to medium grained strongly foliated green AMP. Slight compositional banding. Sharp upper and lower contacts. Few very small white veinlets. Trace Py. Non magnetic.										
1161.25	**1163.88**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z23865	1161.25	1162	0.75	0.006	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz bio amp matrix. Fine diss Po and Py throughout. Sharp upper and lower contacts. Ample bio. Several small white veinlets with weak alteration halos. Non magnetic.			Z23867	1162	1163	1	0.016	AGAT_FAICP		
			Z23868	1163	1163.88	0.88	0.011	AGAT_FAICP		
1163.88	**1164.76**	**(AMP) Amphibolite, ( )**	Z23869	1163.88	1164.76	0.88	0.011	AGAT_FAICP		
Fine to medium grained strongly foliated green AMP. Slight compositional banding. Sharp upper and lower contacts. Few very small white veinlets. Trace Py. Non magnetic.										
1164.76	**1165.75**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z23870	1164.76	1165.75	0.99	0.012	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz bio amp matrix. Fine diss Po and Py throughout. Sharp upper and lower contacts. Several small white veinlets with weak alteration halos. Non magnetic. Unit is strongly altered pervasively. Might be a porphyritic FGS. K alteration mainly.										
1165.75	**1166.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z23871	1165.75	1166.2	0.45	0.004	AGAT_FAICP		
Fine grained compositionally banded light green xenolith non magnetic LAMP. No sulfides.										
1166.20	**1168.55**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z23873	1166.2	1167	0.8	0.007	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz bio amp matrix. Fine diss Po and Py throughout. Sharp upper and lower contacts. Several small white veinlets with weak			Z23874	1167	1168	1	0.007	AGAT_FAICP		
			Z23875	1168	1168.55	0.55	0.023	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alteration halos. Non magnetic. Unit is strongly altered pervasively. Might be a porphyritic FGS. K alteration mainly.								
1168.55	**1172.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine to coarse grained compositionally banded light green xenolith rich locally magnetic LAMP. No sulfides. Large coarse rounded xenoliths unevenly distributed within the compositonal banding in the dyke. Sharp altered light green upper and lower contacts. Brecciated section in the middle of the unit.	Z23876	1168.55	1170	1.45	0.006	AGAT_FAICP		
			Z23877	1170	1170.74	0.74	0.013	AGAT_FAICP		
			Z23879	1170.74	1171.5	0.76	0.005	AGAT_FAICP		
			Z23880	1171.5	1172.1	0.6	0.006	AGAT_FAICP		
1172.10	**1179.35**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained strongly foliated strongly altered porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz amp bio matrix. Many feldspars are altered pinkish or green. Fine diss Po and Py throughout. More Po than py. Sharp upper and lower contacts. Several small white veinlets with weak alteration halos. Non magnetic. Unit is strongly altered pervasively.	Z23881	1172.1	1173	0.9	0.147	AGAT_FAICP		
			Z23882	1173	1174	1	0.054	AGAT_FAICP		
			Z23883	1174	1175	1	0.042	AGAT_FAICP		
			Z23884	1175	1176	1	0.047	AGAT_FAICP		
			Z23885	1176	1177	1	0.074	AGAT_FAICP		
			Z23887	1177	1178	1	0.223	AGAT_FAICP		
			Z23888	1178	1179.35	1.35	0.1	AGAT_FAICP		
1179.35	**1180.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark grey compositionally banded with several distinct bands. Biotite rich in most section. No sulfides. Non magnetic. Carbonate content varies.	Z23889	1179.35	1180	0.65	0.015	AGAT_FAICP		
1180.00	**1180.40**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained strongly foliated strongly altered porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz amp bio matrix. Many feldspars are altered pinkish or green. Fine diss Po and Py throughout. More Po than py. Sharp upper and lower contacts. Several small white veinlets with weak alteration halos. Non magnetic. Unit is strongly altered pervasively. Short section between two UMD units.	Z23890	1180	1180.6	0.6	0.024	AGAT_FAICP		
1180.40	**1180.60**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained compositionally banded light green xenolith non magnetic LAMP. No sulfides.								
1180.60	**1189.68**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained moderately foliated porphyritic white and grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz amp bio matrix. Fine diss Po and Py throughout. Sharp upper and lower contacts. Several small white veinlets with weak alteration halos. Non magnetic. Unit is strongly altered locally around various qtz and	Z23891	1180.6	1181	0.4	0.039	AGAT_FAICP		
			Z23893	1181	1182	1	0.031	AGAT_FAICP		
			Z23894	1182	1183	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
qtz-carb veinlets. One barren white QV.			Z23895	1183	1184	1	0.008	AGAT_FAICP		
			Z23896	1184	1185	1	0.009	AGAT_FAICP		
			Z23897	1185	1186	1	0.009	AGAT_FAICP		
			Z23899	1186	1186.5	0.5	0.012	AGAT_FAICP		
			Z23900	1186.5	1187	0.5	0.021	AGAT_FAICP		
			Z23901	1187	1188	1	0.052	AGAT_FAICP		
			Z23902	1188	1189	1	0.04	AGAT_FAICP		
			Z23903	1189	1189.68	0.68	0.048	AGAT_FAICP		
1189.68	**1195.61**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z23904	1189.68	1190	0.32	0.39	AGAT_FAICP		
Fine to medium grained strongly foliated conglomeratic FGC. Locally small magnetite crystals are observed. Epidote and Py pervasively. Compositional banding observed as clasts alternate. Few QVs. Sharp upper and lower contact. Locally magnetic. Many small veinlets with weak to strong alteration halos.			Z23905	1190	1191	1	0.333	AGAT_FAICP		
			Z23907	1191	1192	1	0.204	AGAT_FAICP		
			Z23908	1192	1193	1	0.218	AGAT_FAICP		
			Z23909	1193	1194	1	0.351	AGAT_FAICP		
			Z23910	1194	1194.5	0.5	0.181	AGAT_FAICP		
			Z23911	1194.5	1195	0.5	0.186	AGAT_FAICP		
			Z23913	1195	1195.61	0.61	0.196	AGAT_FAICP		
1195.61	**1213.88**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z23914	1195.61	1196	0.39	0.089	AGAT_FAICP		
Medium to coarse grained moderately foliated strongly porphyritic white and dark grey QFP. Coarse subhedral white plag porphs within a fine grained plag qtz amp bio matrix. Feldspar porphs are white and coarse to very coarse. Compositional variation is observed gradually as the matrix of the unit increases in Amp content (Max 20%). Fine diss Po throughout. No more py observed. Sharp upper and lower contacts. Several small white veinlets with weak alteration halos. Non magnetic. Few small QVs and qtz carb veins.			Z23915	1196	1197	1	0.096	AGAT_FAICP		
			Z23916	1197	1198	1	0.047	AGAT_FAICP		
			Z23917	1198	1199	1	0.041	AGAT_FAICP		
			Z23919	1199	1200	1	0.034	AGAT_FAICP		
			Z23920	1200	1201	1	0.059	AGAT_FAICP		
			Z23921	1201	1202	1	0.02	AGAT_FAICP		
			Z23922	1202	1203	1	0.012	AGAT_FAICP		
			Z23923	1203	1204	1	0.017	AGAT_FAICP		
			Z23924	1204	1205	1	0.032	AGAT_FAICP		
			Z23925	1205	1206	1	0.015	AGAT_FAICP		
			Z23927	1206	1207	1	0.037	AGAT_FAICP		
			Z23928	1207	1208	1	0.008	AGAT_FAICP		
			Z23929	1208	1209	1	0.016	AGAT_FAICP		
			Z23930	1209	1210	1	0.11	AGAT_FAICP		
			Z23931	1210	1211	1	0.032	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23933	1211	1212	1	0.287	AGAT_FAICP		
			Z23934	1212	1213	1	0.087	AGAT_FAICP		
			Z23935	1213	1213.88	0.88	0.036	AGAT_FAICP		
1213.88	**1214.37**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately to strongly foliated grey FGS. Minor fine diss Po pervasively. Sharp upper contact. Gradual banded lower contact. Non magnetic. Migmatite or PEG veining within unit.	Z23936	1213.88	1214.37	0.49	0.809	AGAT_FAICP		
1214.37	**1214.92**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)** Medium to coarse grained compositionally banded qtz rich PEG. Patches and bands of Amp and minor bio observered locally along the lower half of the unit. Short banded upper and lower contact. Minor fine to medium grained Po unevenly distributed. Potentially a migmatite.	Z23937	1214.37	1214.92	0.55	0.76	AGAT_FAICP		
1214.92	**1217.45**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated locally conglomeratic FGC. The unit is Amp rich locally shows local banding or conglomeratic texture and is locally altered. Difficult to confidently define the unit. Minor fine diss bio pervasively. Few small white veinlets throughout. Gradual banded upper contact and sharp lower contact. Non magnetic.	Z23939	1214.92	1216	1.08	1.04	AGAT_FAICP		
			Z23940	1216	1217	1	1.15	AGAT_FAICP		
			Z23941	1217	1217.45	0.45	1.47	AGAT_FAICP		
1217.45	**1218.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive xenolith rich carbonate rich magnetic dark grey LAMP dyke. No sulfides. Non altered. Sharp upper and lower contact.	Z23942	1217.45	1218.1	0.65	0.033	AGAT_FAICP		
1218.10	**1220.79**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Lower conact is altered where several qtz carb veins are observved. Upper contact has few small dark black veinlets. Very weak banding observed. Confident it is not conglomeratic. Sharp upper and lower contact. Non magnetic. Trace very fine diss Py.	Z23943	1218.1	1219	0.9	0.549	AGAT_FAICP		
			Z23944	1219	1220	1	0.559	AGAT_FAICP		
			Z23945	1220	1220.79	0.79	0.21	AGAT_FAICP		
1220.79	**1222.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Large altered compositionally banded PEG vein. Likely migmatitic. Bands and patches of FGS and AMP locally within coarse grained white and light pink PEG. Lower contact shows white altered feldspars. Irregular vein because of alteration and bands of host rock.	Z23947	1220.79	1221.5	0.71	0.819	AGAT_FAICP		
			Z23948	1221.5	1222.4	0.9	0.284	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1222.40	**1222.73**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive xenolith rich carbonate rich magnetic dark grey LAMP dyke. No sulfides. Non altered. Sharp upper and lower contact.	Z23949	1222.4	1222.73	0.33	0.019	AGAT_FAICP		
1222.73	**1223.10**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Medium to coarse grained qtz rich PEG vein with rounded AMP crystals with depeletion halos locally. Unit is very altered white along lower 30cm. Irregular unit. Minor to trace Po pervasively.	Z23950	1222.73	1223.1	0.37	1.35	AGAT_FAICP		
1223.10	**1225.08**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained massive xenolith rich carbonate rich magnetic dark grey LAMP dyke. No sulfides. Non altered. Sharp upper and lower contact.	Z23951	1223.1	1224	0.9	0.011	AGAT_FAICP		
			Z23953	1224	1225.08	1.08	0.038	AGAT_FAICP		
1225.08	**1230.86**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to coarse grained moderately foliated compositionally banded strongly altered intermediate AMP. Difficult to confidently define. AMP content pervasively but is varying amounts. Locally large banded sections contain coarse delepletion halos. Trace bio. Trace fine po. Non magnetic. One small green lamp dyke at 1227m.	Z23954	1225.08	1226	0.92	0.471	AGAT_FAICP		
			Z23955	1226	1227	1	0.506	AGAT_FAICP		
			Z23956	1227	1228	1	0.179	AGAT_FAICP		
			Z23957	1228	1229	1	0.779	AGAT_FAICP		
			Z23959	1229	1230	1	0.711	AGAT_FAICP		
			Z23960	1230	1230.86	0.86	0.347	AGAT_FAICP		
1230.86	**1231.55**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated locally conglomeratic FGC. The unit is weakly banded or conglomeratic. Difficult to confidently define the unit between FGS and FGC. Minor fine diss bio pervasively. Gradual banded upper contact and sharp lower contact. Non magnetic.	Z23961	1230.86	1231.55	0.69	1.46	AGAT_FAICP		
1231.55	**1235.81**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to coarse grained moderately foliated compositionally banded strongly altered white grey and green intermediate AMP. AMP content pervasively but is varying amounts. Trace bio. Trace fine po. Non magnetic. One small PEG vein at 1233.69m.	Z23962	1231.55	1232	0.45	0.774	AGAT_FAICP		
			Z23963	1232	1233	1	1.47	AGAT_FAICP		
			Z23964	1233	1234	1	1.04	AGAT_FAICP		
			Z23965	1234	1235	1	0.512	AGAT_FAICP		
			Z23967	1235	1235.81	0.81	0.469	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1235.81	**1250.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Weakly medium grained subhedral plag porphs are pervasives for several metres. Grain size varied to coarse grainred locally. Sharp upper and lower contacts. Numerous white veinlets with white bleached alteration halos. Trace fine Po. Non magnetic. One small QV at 1245.65m.	Z23968	1235.81	1236.17	0.36	1.74	AGAT_FAICP		
			Z23969	1236.17	1237	0.83	0.606	AGAT_FAICP		
			Z23970	1237	1238	1	0.045	AGAT_FAICP		
			Z23971	1238	1239	1	0.057	AGAT_FAICP		
			Z23973	1239	1240	1	0.035	AGAT_FAICP		
			Z23974	1240	1241	1	0.033	AGAT_FAICP		
			Z23975	1241	1242	1	0.054	AGAT_FAICP		
			Z23976	1242	1243	1	0.116	AGAT_FAICP		
			Z23977	1243	1244	1	0.012	AGAT_FAICP		
			Z23979	1244	1245	1	0.103	AGAT_FAICP		
			Z23980	1245	1245.5	0.5	0.642	AGAT_FAICP		
			Z23981	1245.5	1246	0.5	0.031	AGAT_FAICP		
			Z23982	1246	1247	1	0.139	AGAT_FAICP		
			Z23983	1247	1248	1	0.382	AGAT_FAICP		
			Z23984	1248	1249	1	0.378	AGAT_FAICP		
			Z23985	1249	1250	1	0.628	AGAT_FAICP		
			Z23987	1250	1250.9	0.9	0.569	AGAT_FAICP		
1250.90	**1251.74**	**(AMP) Amphibolite, ( )** Medium grained strongly foliated green AMP. Coarse biotite observed along contacts. Broken core ground by bit. Few white veinlets with weak alteration halos. Sharp upper and lower contacts. Trace fine diss Po.	Z23988	1250.9	1251.74	0.84	0.285	AGAT_FAICP		
1251.74	**1252.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Sharp upper and lower contacts. Few white veinlets with white bleached alteration halos. Trace fine Po. Non magnetic.	Z23989	1251.74	1252.7	0.96	0.177	AGAT_FAICP		
1252.70	**1254.22**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to coarse grained moderately foliated porphyritic QFP. Coarse white subhedral plag porphs within an biotite rich matrix. Sharp upper and lower contacts. Trace fine diss Po. Few small white veinlets with weak alteration halos.	Z23990	1252.7	1253.46	0.76	0.073	AGAT_FAICP		
			Z23991	1253.46	1254.22	0.76	0.066	AGAT_FAICP		
1254.22	**1257.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Sharp upper and lower contacts. Few white veinlets with white bleached alteration halos. Trace fine Po. Non magnetic.	Z23993	1254.22	1254.6	0.38	0.224	AGAT_FAICP		
			Z23994	1254.6	1255	0.4	0.122	AGAT_FAICP		
			Z23995	1255	1256	1	0.244	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z23996	1256	1257	1	0.309	AGAT_FAICP		
			Z23997	1257	1257.3	0.3	0.086	AGAT_FAICP		
1257.30	**1258.24**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Coarse grained massive pink and grey PEG vein. Minor bio pervasively. Locally very coarse biotite. No sulfides. Sharp contacts. Non magnetic.	Z23999	1257.3	1258.24	0.94	0.167	AGAT_FAICP		
1258.24	**1261.22**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Felsic-intermediate composition. Siliceous throughout. Hosts ~40 combined biot-amp porphs; dissem; mm scale; alignment imparts moderate foliation. Minor very fine dissem Po; sub mm. Occ prominent sil-ser halos assoc with very fine healed microfracs.	Z24000	1258.24	1259	0.76	0.044	AGAT_FAICP		
			Z24501	1259	1259.95	0.95	0.454	AGAT_FAICP		
			Z24502	1259.95	1260.3	0.35	1.68	AGAT_FAICP		
			Z24503	1260.3	1261.2	0.9	1.14	AGAT_FAICP		
1261.22	**1261.55**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Significant qz vein. White; coarse grained; mottled. Irregular; deformed contacts. Minor coarse clotty Py>Po; 1%; mm scale. Minor coarse clotty biot and amp.	Z24504	1261.2	1261.55	0.35	0.101	AGAT_FAICP		
1261.55	**1269.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 1258.24-1261.22m. Occ concordant quarzose bands hosting coarse equant amp clots; mm to cm scale.	Z24505	1261.55	1262	0.45	0.616	AGAT_FAICP		
			Z24507	1262	1263	1	0.42	AGAT_FAICP		
			Z24508	1263	1264	1	0.282	AGAT_FAICP		
			Z24509	1264	1265	1	0.103	AGAT_FAICP		
			Z24510	1265	1266	1	0.114	AGAT_FAICP		
			Z24511	1266	1266.9	0.9	0.052	AGAT_FAICP		
			Z24513	1266.9	1267.2	0.3	0.067	AGAT_FAICP		
			Z24514	1267.2	1268	0.8	0.029	AGAT_FAICP		
			Z24515	1268	1269	1	0.04	AGAT_FAICP		
			Z24516	1269	1269.6	0.6	0.051	AGAT_FAICP		
1269.60	**1271.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Strongly magnetic UMD. Fine dark brown biot-rich groundmass hosting 20% mm scale dissem carb porphs. No vis sulfs. Proximal host rock exhibits plag enrichment.	Z24517	1269.6	1270.5	0.9	0.042	AGAT_FAICP		
			Z24519	1270.5	1271	0.5	0.004	AGAT_FAICP		
			Z24520	1271	1271.4	0.4	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1271.40	**1275.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Typical fine grained grey FGS. Compositionally distinguished from prev FGS by visible lack of amp. 15% fine dissem biot; alignment imparts weak fol. Rare enclaves of fine dissem Po; locally 2%. Decimeter scale enclaves of plag enrichment; mm scale; anhedral; <2mm. No significant alteration.	Z24521	1271.4	1272	0.6	0.052	AGAT_FAICP		
			Z24522	1272	1273	1	0.075	AGAT_FAICP		
			Z24523	1273	1273.5	0.5	0.046	AGAT_FAICP		
			Z24524	1273.5	1274.2	0.7	0.055	AGAT_FAICP		
			Z24525	1274.2	1275	0.8	0.065	AGAT_FAICP		
			Z24527	1275	1275.3	0.3	0.072	AGAT_FAICP		
1275.30	**1276.33**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Mafic-intermediate composition. Characterized by very coarse cm scale euhedral amp and chlorite xls. 1% coarse clotty Po; mm scale <5mm. Melt teture imparted by felsic banding. Intense chlorite alteration.	Z24528	1275.3	1275.95	0.65	0.088	AGAT_FAICP		
			Z24529	1275.95	1276.33	0.38	0.311	AGAT_FAICP		
1276.33	**1277.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 1271.4-1275.3m	Z24530	1276.33	1277	0.67	1.38	AGAT_FAICP		
			Z24531	1277	1277.4	0.4	0.36	AGAT_FAICP		
1277.20	**1279.15**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS compositionally similar to previous but distinguished by coarser texture with quarzose flooding. No significant sulfs. ~20% biot; coarse; mm to cm scale; alignment imparts foliation.	Z24531	1277	1277.4	0.4	0.36	AGAT_FAICP		
			Z24533	1277.4	1278	0.6	0.436	AGAT_FAICP		
			Z24534	1278	1278.6	0.6	0.178	AGAT_FAICP		
			Z24535	1278.6	1279.15	0.55	0.181	AGAT_FAICP		
1279.15	**1280.45**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** 30% coarse biot; alignment imparts strong foliation. 20% fine red garnet organized into dense bands concordant with fol. Foliation is strongly deformed. Minor sulfs; Py>Po; loosely organized in fol concord bands; overall<1%. No significant alteration. No significant veining.	Z24536	1279.15	1280	0.85	0.55	AGAT_FAICP		
			Z24537	1280	1280.45	0.45	0.502	AGAT_FAICP		
1280.45	**1298.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Varying texture: coarse foliated and POB to melted/banded with coarse amp porphs. Composiitonaly mostly consitent with some variation in amp-biot content. 10% amp overall; locally 15%; typically mm scale and POB with minor stretching. 15% biot overall; locally 20%; fine to mediume grained <3mm; alignment imparts moderate to strong foliation. Occasional significant cm to dm scale qz veins and amoeboid PEGs; < 20cm. Qz veins typically discordant; deformed with 1-3% sulfs (coarse Po). Foliation concordant healed microfracs are common; accentuated by prominent Ser-Silic halos. Minor 5cm UMD at 1296.5m.	Z24539	1280.45	1281.2	0.75	0.625	AGAT_FAICP		
			Z24540	1281.2	1282	0.8	0.228	AGAT_FAICP		
			Z24541	1282	1283	1	0.021	AGAT_FAICP		
			Z24542	1283	1284	1	0.016	AGAT_FAICP		
			Z24543	1284	1285	1	0.009	AGAT_FAICP		
			Z24544	1285	1286	1	0.136	AGAT_FAICP		
			Z24545	1286	1287	1	0.035	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z24547	1287	1288	1	0.042	AGAT_FAICP		
			Z24548	1288	1289	1	0.041	AGAT_FAICP		
			Z24549	1289	1289.4	0.4	0.03	AGAT_FAICP		
			Z24550	1289.4	1290	0.6	0.072	AGAT_FAICP		
			Z24551	1290	1290.6	0.6	0.069	AGAT_FAICP		
			Z24553	1290.6	1291.25	0.65	0.074	AGAT_FAICP		
			Z24554	1291.25	1291.6	0.35	0.076	AGAT_FAICP		
			Z24555	1291.6	1292.1	0.5	0.347	AGAT_FAICP		
			Z24556	1292.1	1293	0.9	0.394	AGAT_FAICP		
			Z24557	1293	1294	1	0.24	AGAT_FAICP		
			Z24559	1294	1295	1	0.198	AGAT_FAICP		
			Z24560	1295	1295.35	0.35	0.094	AGAT_FAICP		
			Z24561	1295.35	1296	0.65	0.097	AGAT_FAICP		
			Z24562	1296	1296.35	0.35	0.11	AGAT_FAICP		
			Z24563	1296.35	1296.8	0.45	0.062	AGAT_FAICP		
			Z24564	1296.8	1297.4	0.6	0.021	AGAT_FAICP		
			Z24565	1297.4	1298	0.6	0.014	AGAT_FAICP		
1298.00	**1302.65**	**(MAM) Mottled Amphibolite, ( )**	Z24567	1298	1299	1	0.036	AGAT_FAICP		
		Aphanitic qz-fspr-scap grey-white groundmass with 30% coarse amp porphs. So possible FGS but texturally distinct resembling MAM. Overall 1% fine dissem Py-Po; localized in amp-rich enclaves. No discernable veining or alteration. Characterized by cm scale banded texture; intercalated felsic and amp-rich lithons.	Z24568	1299	1300	1	0.105	AGAT_FAICP		
			Z24569	1300	1301	1	0.037	AGAT_FAICP		
			Z24570	1301	1302	1	0.022	AGAT_FAICP		
			Z24571	1302	1302.65	0.65	0.025	AGAT_FAICP		
1302.65	**1310.07**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z24573	1302.65	1303.8	1.15	0.044	AGAT_FAICP		
		Varying texture and amp content. Strongly banded/foliated. Characterized by occasional quarzose bands hosting coarse clotty amp porphs; <1cm. Occasional m to dm scale intervals of homogeneous fine grained FGS. Minor qz veins; rare; <10cm; strongly deformed; amorphous; opq white qz hosting minor clotty Py-Po. Occasional locally strong alteration bands assoc with healed microfracs; K-Ser-Rut-Silic assemblage. Overall trace sulfs.	Z24574	1303.8	1304.5	0.7	0.023	AGAT_FAICP		
			Z24575	1304.5	1305.15	0.65	0.009	AGAT_FAICP		
			Z24576	1305.15	1306	0.85	0.02	AGAT_FAICP		
			Z24577	1306	1306.5	0.5	0.067	AGAT_FAICP		
			Z24579	1306.5	1306.8	0.3	0.036	AGAT_FAICP		
			Z24580	1306.8	1308	1.2	0.042	AGAT_FAICP		
			Z24581	1308	1309	1	0.017	AGAT_FAICP		
			Z24582	1309	1310.07	1.07	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1310.07	**1311.70**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein** Interval dominated by strongly deformed qz veins (dm scale) with minor FGS. Qz is opq white; aphanitic; minor K altered fspr at margins; coarse; archipelagic. Minor dissem coarse biot porphs; often partially altered to ser-rutile; <1cm. Intense sulf mineralization proximal to lower contact: locally 25% over 10cm; mycelial; comingled Po>Py. FGS is homogeneous; fine grained; biot-rich.	Z24583	1310.07	1310.75	0.68	0.016	AGAT_FAICP		
			Z24584	1310.75	1311.2	0.45	0.013	AGAT_FAICP		
			Z24585	1311.2	1311.7	0.5	0.012	AGAT_FAICP		
1311.70	**1313.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 1302.65-1310.07m	Z24587	1311.7	1312.1	0.4	0.07	AGAT_FAICP		
			Z24588	1312.1	1313.05	0.95	0.014	AGAT_FAICP		
1313.05	**1314.35**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine grained FGS hosting 30% mm scale qz-fspr porphs (weakly stretched; aligned with foliation; subang). 15% fine biot; alignment imparts moderate to strong foliation. 15% fine dark green amp; dissem. Occ minor pink-white qz-fpsr veining; deformed/boudinaged; barren; approx fol concordant. Siliceous. Trace very fine dissem Py throughout.	Z24589	1313.05	1314.35	1.3	0.005	AGAT_FAICP		
1314.35	**1315.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Weakly POB. Massive; trace foliation. 15% biot; mm scale porphs <5mm; weakly aligned. Rare cm scale pink-white qz-fspr veins; strongly deformed; folding evident. No signif sulfs or alt.	Z24590	1314.35	1315	0.65	0.006	AGAT_FAICP		
			Z24591	1315	1315.4	0.4	0.032	AGAT_FAICP		
1315.40	**1316.40**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP as desc in 1313.05-1314.35m	Z24593	1315.4	1315.8	0.4	0.004	AGAT_FAICP		
			Z24594	1315.8	1316.4	0.6	0.004	AGAT_FAICP		
1316.40	**1317.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 1314.35-1315.40m	Z24595	1316.4	1317.4	1	0.008	AGAT_FAICP		
1317.40	**1317.85**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein** White translucent qz with minor pink altered fspr; strongly deformed; apparent folding; no vis sulfs. FGS is fine griained with fine dissem biot porphs; <3mm alignment imparts foliation. Interval is moderately altered: pervasinve silic with patchy/selctive Ser-K-Rut.	Z24596	1317.4	1318	0.6	0.063	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1317.85	**1321.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Mostly equigranular with sparsely dissem qz-fspr porphs <1cm. No vis sulfs. Fine healed microfracs are common; accentuated by prominent K-Ser-Silic halos; locally intense. No signif veining.	Z24597	1318	1319	1	0.007	AGAT_FAICP		
			Z24599	1319	1320	1	0.004	AGAT_FAICP		
			Z24600	1320	1320.5	0.5	0.003	AGAT_FAICP		
			Z24601	1320.5	1321.23	0.73	0.004	AGAT_FAICP		
1321.23	**1323.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Strongly banded FGS with local qz flooding. Local melt texture where lihto dissaggregates into apahnitic quarzose groundmass hosting banded coarse amp porphs. Overall 3% qz flooding. Minor localized Py-Po; fine; dissem; overall trace abundance. Locally strong alteration: Ser-Rut-Silic. Overall 20% amp; dissem and as local bands of coarse porphs. 15% biot; fine dissem; rarely locally coarse and intense.	Z24602	1321.23	1322	0.77	0.014	AGAT_FAICP		
			Z24603	1322	1323.15	1.15	0.022	AGAT_FAICP		
			Z24604	1323.15	1323.8	0.65	0.018	AGAT_FAICP		
1323.80	**1328.80**	**(QFP) Quartz Feldspar Porphyry, ( )** As desc in 1315.4-1316.4m	Z24605	1323.8	1325	1.2	0.006	AGAT_FAICP		
			Z24607	1325	1326	1	0.095	AGAT_FAICP		
			Z24608	1326	1327	1	0.004	AGAT_FAICP		
			Z24609	1327	1328	1	0.004	AGAT_FAICP		
			Z24610	1328	1328.8	0.8	0.058	AGAT_FAICP		
1328.80	**1341.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine; equigranular FGS. 15% fine dissem biot; alignment imparts foliation; concordant with apparent relict bedding. 3% qz veining; concordant; occasionally deformed/folded; <5cm. Occaisional minor AMP beds; planar/undeformed; hosting elevated sulfs relative to felsic beds. Occ patchy alt: K-Ser-Silic-Rutile; locally strong halos assoc with fine veining and healed microfracs. Overall trace sulfs: fine dissem; preferentially developed in AMP beds.	Z24611	1328.8	1330	1.2	0.023	AGAT_FAICP		
			Z24613	1330	1331	1	0.051	AGAT_FAICP		
			Z24614	1331	1332	1	0.016	AGAT_FAICP		
			Z24615	1332	1333	1	0.021	AGAT_FAICP		
			Z24616	1333	1333.6	0.6	0.015	AGAT_FAICP		
			Z24617	1333.6	1334.15	0.55	0.013	AGAT_FAICP		
			Z24619	1334.15	1335	0.85	0.013	AGAT_FAICP		
			Z24620	1335	1335.8	0.8	0.01	AGAT_FAICP		
			Z24621	1335.8	1336.2	0.4	0.014	AGAT_FAICP		
			Z24622	1336.2	1337	0.8	0.013	AGAT_FAICP		
			Z24623	1337	1338	1	0.009	AGAT_FAICP		
			Z24624	1338	1339	1	0.022	AGAT_FAICP		
			Z24625	1339	1340	1	0.028	AGAT_FAICP		
			Z24627	1340	1341	1	0.03	AGAT_FAICP		
			Z24628	1341	1341.5	0.5	0.047	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1341.50	**1346.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Distinguished from previous FGS by coarse texture and elevated amp and biot content. 20% coarse dissem biot; weak alignment imparts foliation. 20% coarse amp porphs; dissem; <1cm; imparts POB texture. White qz-fspr groundmass. Rock is dark overall with intermediate composition; dioritic. Minor dissem Py; localized loose colonies of mm scale xls and aggs. No signif alt.	Z24629	1341.5	1342.4	0.9	0.016	AGAT_FAICP		
			Z24630	1342.4	1343.45	1.05	0.008	AGAT_FAICP		
			Z24631	1343.45	1344.5	1.05	0.009	AGAT_FAICP		
			Z24633	1344.5	1346	1.5	0.012	AGAT_FAICP		
			Z24634	1346	1346.75	0.75	0.006	AGAT_FAICP		
1346.75	**1352.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Mostly equigranular with occ mm scale amp porphs; subround; prolate. Intermediate composition; ~50% amp; 30% felsic; 20% biot. No vis sulfs. No signif veining. Local amoeboid aggs of qz-fspr-amp; pegmatitic; cm scale. Composition varies; gradational.	Z24635	1346.75	1348	1.25	0.009	AGAT_FAICP		
			Z24636	1348	1349	1	0.006	AGAT_FAICP		
			Z24637	1349	1350	1	0.006	AGAT_FAICP		
			Z24639	1350	1351	1	0.074	AGAT_FAICP		
			Z24640	1351	1352	1	0.007	AGAT_FAICP		
			Z24641	1352	1352.8	0.8	0.005	AGAT_FAICP		
1352.80	**1354.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone** Homogeneous FGS with moderate foliation development accentuated by occ cm scale elongate AMP clasts. No vis sulfs. No vis alt. 15% amp; POB; elongate; cm scale <4cm. 15% fine dissem biot; alignment imparts fol.	Z24642	1352.8	1354	1.2	0.007	AGAT_FAICP		
			Z24643	1354	1354.8	0.8	0.032	AGAT_FAICP		
1354.80	**1356.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Strongly altered and faulted UMD. Mostly pale green due to alteration with small enclave of unaltered rock near middle of interval. Fine grained groundmass hosting 30% coarse hackly porphs (vesicles?); fspr-dolomite composition? Mild hematitic alteration. Altered sections are highly fissile; milled. No vis sulfs.	Z24644	1354.8	1356	1.2	0.003	AGAT_FAICP		
1356.00	**1380.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone** Interval comprises several m scale possible Bouma sequences; fining downhole. Apparent coarse base with AMP rip-up clasts; grades into fine parallel laminated segment; grades into equigranular fine grained segment; sharp contact with base of next sequence. Overall bulk composiiton is felsic to intermediate; ~30% amp content overall; 15% fine to coarse dissem biot. No signif sulfs or alt. Rare cm scale pegmatitic qz-fspr veins; barren. Minor UMD at 1370.55; ~5cm true thickness.	Z24645	1356	1357	1	0.005	AGAT_FAICP		
			Z24647	1357	1358	1	0.015	AGAT_FAICP		
			Z24648	1358	1359	1	0.005	AGAT_FAICP		
			Z24649	1359	1360	1	0.008	AGAT_FAICP		
			Z24650	1360	1361	1	0.005	AGAT_FAICP		
			Z24651	1361	1362	1	0.026	AGAT_FAICP		
			Z24653	1362	1363	1	0.003	AGAT_FAICP		
			Z24654	1363	1363.6	0.6	0.005	AGAT_FAICP		
			Z24655	1363.6	1364.2	0.6	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z24656	1364.2	1365.1	0.9	0.004	AGAT_FAICP		
			Z24657	1365.1	1365.65	0.55	0.004	AGAT_FAICP		
			Z24659	1365.65	1366.3	0.65	0.025	AGAT_FAICP		
			Z24660	1366.3	1367	0.7	0.005	AGAT_FAICP		
			Z24661	1367	1368	1	0.003	AGAT_FAICP		
			Z24662	1368	1369	1	0.003	AGAT_FAICP		
			Z24663	1369	1370.5	1.5	0.006	AGAT_FAICP		
			Z24664	1370.5	1372	1.5	0.007	AGAT_FAICP		
			Z24665	1372	1373.5	1.5	0.012	AGAT_FAICP		
			Z24667	1373.5	1374.3	0.8	0.005	AGAT_FAICP		
			Z24668	1374.3	1375	0.7	0.007	AGAT_FAICP		
			Z24669	1375	1376	1	0.027	AGAT_FAICP		
			Z24670	1376	1377	1	0.012	AGAT_FAICP		
			Z24671	1377	1378	1	0.013	AGAT_FAICP		
			Z24673	1378	1379	1	0.011	AGAT_FAICP		
			Z24674	1379	1380	1	0.011	AGAT_FAICP		
1380.00	**1382.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** Intensely sericitized/bleached FGS. Mottled grey-white fine grained groundmass hosting 10% sparse mm scale biot poprhs. Alignment of biot imparts weak fol. No vis sulfs.	Z24675	1380	1381	1	0.013	AGAT_FAICP		
			Z24676	1381	1382.1	1.1	0.017	AGAT_FAICP		
1382.10	**1389.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** FGS as desc in 1356-1380m. Lacks distinct Bouma sequences but retains primary sedimentary bedding/laminae. Compositionally identical to previous. Occasional concordant veins <3cm. Rare evidence of folding: tightly folded mm scale veinlets. No vis sulfs. EOH = 1389m	Z24677	1382.1	1383	0.9	0.038	AGAT_FAICP		
			Z24679	1383	1384	1	0.021	AGAT_FAICP		
			Z24680	1384	1385	1	0.024	AGAT_FAICP		
			Z24681	1385	1386	1	0.037	AGAT_FAICP		
			Z24682	1386	1387	1	0.024	AGAT_FAICP		
			Z24683	1387	1388	1	0.021	AGAT_FAICP		
			Z24684	1388	1389	1	0.037	AGAT_FAICP		

Newmont

Geological Description with Assays

Hole ID : **BL19-01092**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	165.34	Easting :	334238	Logged By :	William.Gerber
Dip :	-70.41	Northing :	5303848.81	Logged By 2 :	Brad.Clarke
Length :	729	Elevation :	440.759	Log Start :	2-Oct-2019
Drill Start :	26-Sep-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	17-Oct-2019
Drill Completed :	9-Oct-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Water drawn from local pond and recycled from sump. Bit change at 285m. Switched to 6m core barrel. Had to ream from 249m. Logged by W. Gerber from 0 to 380m. Fisrt wedge at bottom of hole (609m) with roll angle of 90deg; resulted in 10deg westward change in azimuth. No wedge created in acQuire. Second wedge (Oct09) at bottom of hole (729m) with roll angle of 90deg failed twice. A successful wedge was placed at 707.24m (Oct 13). Typically hanging wall units correlate with adjacent holes well. Much of the hanging wall had poor orientation or no orientation.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**38.19**	**(OB) Overburden, ( )**								
39m of NW casing.										
38.19	**56.38**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS unit is dark grey; slightly green (local Ep alteration); fg matrix with common mg texture (Qz+Fp); local vfg-fg unit (49-51m) as part of compositional layering. Mod. foliated and stretched (Qz+Fp mg porphyroclasts // L1); overall weakly to moderately fractured (blocky core) with Ep-filled fractures (locally weakly brecciated); local KFp-altered haloes. Ep also as replacement of bands // S1; locally boudinaged. Common late thin Cb veinlets throughout (multiple orientations). Rare irregular UMD-LAMP dykelets. Near top of unit are local cg Gt POB with depletion texture (boulder?).										
56.38	**62.70**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
Felsic Gneiss (Conglomerate) unit; dark grey; locally pale orange/pink (KFp-alteration); locally pale green (Ep-altered); moderately conglomeratic (felsic clasts within FGS-looking matrix); conglomeratic levels are banded (apparent banding); moderately to strongly foliated;										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		common late thin Cb veinlets; weakly fractured (blocky core); some UMD-LAMP dykelets +/- replaced with Ep (?); local Qz veinlets // or oblique to S1. Moderately to strongly Ep-altered from 61.39 to 61.54m (moderately brecciated; Ep-filled veins/stockwork isolate felsic fragments). Progressive lower contact toward FGS-mg.								
62.70	**64.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS-fg to mg unit as part of the FGC sequence (compositional layering); progressive upper contact from FGC. Dark grey; locally orangey (KFp-altered); locally pale green (Ep-filled veinlets as stockwork; almost brecciated); rare Cb veinlets.								
64.65	**67.60**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** UMD-LAMP dyke with 15% FGS-mg levels (host-rock). UMD is dark grey/black; massive; strongly magnetic; vfg-fg with fg Bt+Cb; few Cb veinlets // contacts. FGS levels are dark grey/slightly orange (KFp-altered); mod. foliated.								
67.60	**89.90**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC sequence uphole; felsic gneiss (conglomerate) unit; polymictic; dark grey; common pale green intervals (Ep-altered and fractured); locally pale orange/pink (KFp-alteration); moderately to strongly conglomeratic (felsic clasts within fg FGS-looking matrix; often dark green suggesting a mafic component); conglomeratic levels are banded (apparent banding); moderately to strongly foliated; local open folds affecting S1; moderately fractured (local blocky core; associated with conglomerate fault) with abundant Ep-filled fractured (locally stockwork; weakly brecciated); some late thin Cb veinlets; local late Qz veinlets and veins (QV2) // or oblique to S1. Moderately to strongly Ep-altered intervals: 70.4-74m; 82.75-85.35m (Ep-rich veinlets are oblique to S1); 89.28-89.9m (just above the strongly KFp-altered fault breccia). Local late fluorite (?) veinlets.	D72334	79	80	1	0.004	AGAT_FAICP		
			D72335	80	81	1	0.004	AGAT_FAICP		
			D72336	81	82	1	0.003	AGAT_FAICP		
			D72337	82	83	1	0.003	AGAT_FAICP		
			D72339	83	84	1	0.003	AGAT_FAICP		
			D72340	84	85	1	0.006	AGAT_FAICP		
			D72341	85	86	1	0.009	AGAT_FAICP		
			D72342	86	87	1	0.012	AGAT_FAICP		
			D72343	87	88	1	0.007	AGAT_FAICP		
			D72344	88	89	1	0.011	AGAT_FAICP		
			D72345	89	89.9	0.9	0.007	AGAT_FAICP		
89.90	**91.90**	**(FGC) Felsic Gneiss Conglomerate, ( )** Either FGC or FGS; brecciated interval (healed fault part of the conglomerate fault system); orange (KFp); redish (Hem?); pale green (Ep); intensively altered as haloes around common fractures (weakly blocky); S1 fabric still present. Late KFp-altered haloes around Cb veinlets are overprinting the pervasive alteration (here KFp is post Ep); no kinematics; multiple fracture orientations.	D72347	89.9	90.9	1	0.003	AGAT_FAICP		
			D72348	90.9	91.9	1	0.001	AGAT_FAICP		
91.90	**94.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Logged as FGS but more likely a micro-conglomerate or felsic crystal tuff (part of the FGC	D72349	91.9	92.9	1	0.006	AGAT_FAICP		
			D72350	92.9	93.9	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		sequence). Dark grey; slightly orange (KFp-altered Fp); locally green (Ep); moderately foliated; fg matrix (includes 10% Amp) with mg Fp phenocrysts. Progressive upper contact from strongly altered healed breccia. Some Qz veinlets; some late Cb veinlets with Hem-altered haloes.	D72351	93.9	94.6	0.7	0.003	AGAT_FAICP		
94.65	**94.99**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Small QzV2; massive; Qz+Amp (blueish)+Ep (altered Amp?); light grey with common redish/brown Hem-filled fractures.	D72353	94.6	94.99	0.39	0.0005	AGAT_FAICP		
94.99	**97.43**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of "FGS" interval above QV2 uphole. Logged as FGS but more likely a micro-conglomerate or felsic crystal tuff (part of the FGC sequence). Dark grey; slightly orange (KFp-altered Fp); locally green (Ep); moderately foliated; fg matrix (includes 10% Amp) with mg Fp phenocrysts (more abundant in upper part); compositional layering along with grain size changes. Some orangey KFp+/-Hem-altered haloes around late QzCb veinlets; local Ep-altered levels. Lower contact with fg FGS is progressive.	D72354	94.99	96	1.01	0.002	AGAT_FAICP		
			D72355	96	97	1	0.001	AGAT_FAICP		
			D72356	97	97.43	0.43	0.001	AGAT_FAICP		
97.43	**103.57**	**(FGS) Felsic Gneiss Sedimentary, ( )** Probable FGS interval; no clast observed but part of FGC sequence. Dark grey; locally orange (KFp-alteration above fault zone); moderate foliated; weakly to moderately fractured (KFp +/- Hem altered haloes around Qz-Cb veinlets); fg; some thin pale green Ep-filled veinlets; some Ep-rich masses (overprinted by later KFp alteration). Some minor (<2cm thick) fault breccias.	D72357	97.43	98.43	1	0.002	AGAT_FAICP		
			D72359	98.43	99.43	1	0.001	AGAT_FAICP		
			D72360	99.43	100.43	1	0.013	AGAT_FAICP		
			D72361	100.43	101.43	1	0.002	AGAT_FAICP		
			D72362	101.43	102.43	1	0.002	AGAT_FAICP		
			D72363	102.43	103.57	1.14	0.001	AGAT_FAICP		
103.57	**109.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** Strong brecciated FGS (or possible FGC with clasts fully obliterated by alteration); main conglomerate fault zone; orange (locally dark grey when less altered); intensively KFp-altered; very strong fault breccia (angular fragments in minor dark grey/black matrix); healed breccia; strongly silicified (pervasively); local thin fault gouge (<2cm thick; clay-rich); some thin Cb veinlets.	D72364	103.57	104.57	1	0.002	AGAT_FAICP		
			D72365	104.57	105.57	1	0.005	AGAT_FAICP		
			D72367	105.57	106.57	1	0.006	AGAT_FAICP		
			D72368	106.57	107.57	1	0.005	AGAT_FAICP		
			D72369	107.57	108.57	1	0.007	AGAT_FAICP		
			D72370	108.57	109.45	0.88	0.013	AGAT_FAICP		
109.45	**127.87**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of strongly to moderately KFp-altered FGS (or FGC with fully obliterated clasts) interval uphole; but with minor breccias (lower weak part of conglomerate fault); orange and dark grey; fg; silicified; strongly foliated (S1 fabric obliterated by alteration but still visible); commonly fractured (moderately to locally strongly) with blocky core; local thin fault breccias; common Cb veinlets (source of alteration); some Qz veinlets (white and smokey grey)	D72371	109.45	110.45	1	0.017	AGAT_FAICP		
			D72373	110.45	111.45	1	0.01	AGAT_FAICP		
			D72374	111.45	112.45	1	0.015	AGAT_FAICP		
			D72375	112.45	113.45	1	0.014	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
mostly // S1; local LAMP dykelet (magnetic at 116.8m).			D72376	113.45	114.45	1	0.021	AGAT_FAICP		
			D72377	114.45	115.45	1	0.019	AGAT_FAICP		
			D72379	115.45	116.45	1	0.014	AGAT_FAICP		
			D72380	116.45	117.45	1	0.014	AGAT_FAICP		
			D72381	117.45	118.45	1	0.014	AGAT_FAICP		
			D72382	118.45	119.45	1	0.011	AGAT_FAICP		
			D72383	119.45	120.45	1	0.004	AGAT_FAICP		
			D72384	120.45	121.45	1	0.008	AGAT_FAICP		
			D72385	121.45	122.45	1	0.012	AGAT_FAICP		
			D72387	122.45	123.45	1	0.006	AGAT_FAICP		
			D72388	123.45	124.45	1	0.008	AGAT_FAICP		
			D72389	124.45	125.45	1	0.009	AGAT_FAICP		
			D72390	125.45	126.45	1	0.014	AGAT_FAICP		
			D72391	126.45	127.87	1.42	0.016	AGAT_FAICP		
127.87	**133.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D72393	127.87	128.75	0.88	0.014	AGAT_FAICP		
Continuity of FGS uphole but less KFp-altered; dark grey; dark green (15% Amp); moderately foliated; S1 is locally deformed (boudinaged or open folds); common Cb veinlets; local thin white Qz veinlets; strong fault breccia from 129.52 to 130.03m (moderately KFp-altered).			D72394	128.75	129.52	0.77	0.011	AGAT_FAICP		
			D72395	129.52	130.03	0.51	0.011	AGAT_FAICP		
			D72396	130.03	131	0.97	0.008	AGAT_FAICP		
			D72397	131	132	1	0.018	AGAT_FAICP		
			D72399	132	133	1	0.008	AGAT_FAICP		
			D72400	133	133.8	0.8	0.013	AGAT_FAICP		
133.80	**136.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D72401	133.8	134.8	1	0.022	AGAT_FAICP		
Similar FGS fg interval as 109.45-127.87m (unless FGC with fully obliterated clasts); moderately KFp-altered; moderately foliated; dark grey and orange; fg; silicified; 5% Amp (?); commonly fractured (moderately to locally strongly) with blocky core; some weakly brecciated levels; common Cb veinlets (source of alteration).			D72402	134.8	135.8	1	0.043	AGAT_FAICP		
			D72403	135.8	136.7	0.9	0.008	AGAT_FAICP		
136.70	**140.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D72404	136.7	137.7	1	0.004	AGAT_FAICP		
Similar FGS-mg (slight porphyrytic texture) as 94.99-97.43m; logged as FGS but more likely a micro-conglomerate or felsic crystal tuff (part of the FGC sequence). Dark grey; locally orange (KFp-altered haloes around Cb veinlets; altered Fp too; alteration decreases from 139.3m); moderately foliated; fg matrix (includes 5% Amp) with mg Fp phenocrysts. Progressive upper contact from fg FGS. Some fractured levels (thin fault gouge and breccia) and blocky core. Lower 30cm are magnetic (probably already FGC).			D72405	137.7	138.7	1	0.003	AGAT_FAICP		
			D72407	138.7	139.7	1	0.005	AGAT_FAICP		
			D72408	139.7	140.9	1.2	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
140.90	**161.94**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D72409	140.9	142	1.1	0.022	AGAT_FAICP		
		Felsic gneiss conglomerate; polymictic; dark grey; slightly green (5% Amp and as thin bands // S1); mostly conglomeratic with several fg FGS interbedded levels // S1 (compositional layering); moderately to strongly magnetic (strong contrast with FGS and FGC units uphole; bith FGC and fg FGS levels are magnetic); strongly to moderately foliated; locally banded (flattened clasts); granitoid and FGS-looking clasts are flattened and stretched // L1 (unoriented core); some Qz pods and white Qz veinlets boudinaged; some blocky levels around fractured and weakly KFp-altered (orangey) zones as haloes around QzCb veinlets.	D72410	142	143	1	0.076	AGAT_FAICP		
			D72411	143	144	1	0.055	AGAT_FAICP		
			D72413	144	145	1	0.03	AGAT_FAICP		
			D72414	145	146	1	0.054	AGAT_FAICP		
			D72415	146	146.9	0.9	0.018	AGAT_FAICP		
			D72416	146.9	147.4	0.5	0.009	AGAT_FAICP		
			D72417	147.4	148.4	1	0.052	AGAT_FAICP		
			D72419	148.4	149.4	1	0.051	AGAT_FAICP		
			D72420	149.4	150.4	1	0.009	AGAT_FAICP		
			D72421	150.4	151.4	1	0.018	AGAT_FAICP		
			D72422	151.4	152.4	1	0.024	AGAT_FAICP		
			D72423	152.4	153.4	1	0.018	AGAT_FAICP		
			D72424	153.4	154.4	1	0.099	AGAT_FAICP		
			D72425	154.4	155.4	1	0.024	AGAT_FAICP		
			D72427	155.4	156.4	1	0.011	AGAT_FAICP		
			D72428	156.4	157.4	1	0.01	AGAT_FAICP		
			D72429	157.4	158.4	1	0.015	AGAT_FAICP		
			D72430	158.4	159.4	1	0.048	AGAT_FAICP		
			D72431	159.4	160.4	1	0.052	AGAT_FAICP		
			D72433	160.4	161.4	1	0.052	AGAT_FAICP		
			D72434	161.4	161.94	0.54	0.011	AGAT_FAICP		
161.94	**192.22**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D72435	161.94	163	1.06	0.007	AGAT_FAICP		
		Large interval of FGS (more likely a crystal tuff?); similar to other porphyrytic fg-mg FGS intervals uphole. Dark grey; homogeneous; fg matrix with fg-mg Qz+Fp phenocrysts; 10-15% fg Amp (dark green); 10% fg Bt; 5% fg Ep (light green); 3% fg Cb (salty texture); moderately foliated; non-magnetic (strong contrast with surrounding magnetic FGC); local thin orangey KFp-altered haloes around late QzCb veinlets; some light grey Qz veinlets // S1 (locally tightly folded // S1); 9cm thick pink Cb/rhodochrosite? Amp Ep veinlet at 182.42m.	D72436	163	164	1	0.002	AGAT_FAICP		
			D72437	164	165	1	0.003	AGAT_FAICP		
			D72439	165	166	1	0.002	AGAT_FAICP		
			D72440	166	167	1	0.001	AGAT_FAICP		
			D72441	167	168	1	0.003	AGAT_FAICP		
			D72442	168	169	1	0.001	AGAT_FAICP		
			D72443	169	170	1	0.002	AGAT_FAICP		
			D72444	170	171	1	0.005	AGAT_FAICP		
			D72445	171	172	1	0.003	AGAT_FAICP		
			D72447	172	173	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72448	173	174	1	0.003	AGAT_FAICP		
			D72449	174	175	1	0.002	AGAT_FAICP		
			D72450	175	176	1	0.006	AGAT_FAICP		
			D72451	176	177	1	0.012	AGAT_FAICP		
			D72453	177	178	1	0.005	AGAT_FAICP		
			D72454	178	179	1	0.003	AGAT_FAICP		
			D72455	179	180	1	0.009	AGAT_FAICP		
			D72456	180	181	1	0.003	AGAT_FAICP		
			D72457	181	182	1	0.003	AGAT_FAICP		
			D72459	182	183	1	0.003	AGAT_FAICP		
			D72460	183	184	1	0.012	AGAT_FAICP		
			D72461	184	185	1	0.041	AGAT_FAICP		
			D72462	185	186	1	0.002	AGAT_FAICP		
			D72463	186	187	1	0.004	AGAT_FAICP		
			D72464	187	188	1	0.002	AGAT_FAICP		
			D72465	188	189	1	0.006	AGAT_FAICP		
			D72467	189	190	1	0.002	AGAT_FAICP		
			D72468	190	191	1	0.002	AGAT_FAICP		
			D72469	191	192.22	1.22	0.005	AGAT_FAICP		
192.22	**207.80**	**(FGC) Felsic Gneiss Conglomerate, ( )** Similar conglomerate as 140.9-161.94m interval; polymictic; dark grey; slightly green (5% Amp and as thin bands // S1); mostly conglomeratic with some fg to mg FGS interbedded levels // S1 (compositional layering); moderately to strongly magnetic (strong contrast with FGS uphole; FGS levels are moderately foliated and not magnetic). FGC is strongly to intensively foliated; often banded (flattened clasts); difficult to observe elongated clasts (good examples at 207.28m); some Qz pods and light grey Qz veinlets // S1; some Amp+Ep rich boudinaged masses; rare thin KFp-altered (orangey) haloes around late QzCb veinlets. 9cm thick PEG-QZ at 201.7m (//S1).	D72470	192.22	193	0.78	0.073	AGAT_FAICP		
			D72471	193	194	1	0.015	AGAT_FAICP		
			D72473	194	195	1	0.009	AGAT_FAICP		
			D72474	195	196	1	0.012	AGAT_FAICP		
			D72475	196	197	1	0.008	AGAT_FAICP		
			D72476	197	198	1	0.013	AGAT_FAICP		
			D72477	198	198.88	0.88	0.016	AGAT_FAICP		
			D72479	198.88	199.51	0.63	0.054	AGAT_FAICP		
			D72480	199.51	200.5	0.99	0.023	AGAT_FAICP		
			D72481	200.5	201.5	1	1.03	AGAT_FAICP		
			D72482	201.5	202.5	1	0.054	AGAT_FAICP		
			D72483	202.5	203.5	1	0.031	AGAT_FAICP		
			D72484	203.5	204.5	1	0.018	AGAT_FAICP		
			D72485	204.5	205.5	1	0.042	AGAT_FAICP		
			D72487	205.5	206.5	1	0.203	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72488	206.5	207.8	1.3	0.037	AGAT_FAICP		
207.80	**210.81**	**(FGS) Felsic Gneiss Sedimentary, ( )** Finer grained unit part of the conglomeratic sequence. FGS is dark grey; slightly dark green (10% Amp); moderately foliated; mostly fg with some vfg or mg levels (compositional layering); few QzFp veinlets; local thin conglomeratic level; rare thin KFp-altered haloes around late QzCb veinlets; 0.25% Py (diss. blebs).	D72489	207.8	208.8	1	0.007	AGAT_FAICP		
			D72490	208.8	209.8	1	0.083	AGAT_FAICP		
			D72491	209.8	210.81	1.01	0.083	AGAT_FAICP		
210.81	**212.12**	**(FGC) Felsic Gneiss Conglomerate, ( )** FGC level; dark grey; moderately to strongly foliated; banded; moderately magnetic; fg matrix with felsic clasts and green mafic bands (clasts or fg matrix?); local white or medium grey Qz veinlet // S1; 0.25% Py as diss. blebs.	D72493	210.81	212.12	1.31	0.069	AGAT_FAICP		
212.12	**221.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS fg to mg is part of the conglomeratic sequence. FGS is dark grey; slightly dark green (10% Amp); moderately foliated; fg-mg (porphyrytic Qz+Fp); some with some vfg or mg levels (compositional layering); few QzFp veinlets; local thin conglomeratic level; rare thin KFp-altered haloes around late QzCb veinlets; 0.25% Py (diss. blebs); some thin Cb veinlets and fg-mg Cb throughout. Lower end is finer grained.	D72494	212.12	213	0.88	0.021	AGAT_FAICP		
			D72495	213	214	1	0.034	AGAT_FAICP		
			D72496	214	215	1	0.048	AGAT_FAICP		
			D72497	215	216	1	0.146	AGAT_FAICP		
			D72499	216	217	1	0.06	AGAT_FAICP		
			D72500	217	218	1	0.135	AGAT_FAICP		
			D71501	218	219	1	0.067	AGAT_FAICP		
			D71502	219	220	1	0.089	AGAT_FAICP		
			D71503	220	221.45	1.45	0.081	AGAT_FAICP		
221.45	**240.41**	**(FGC) Felsic Gneiss Conglomerate, ( )** Similar conglomerate as intervals uphole; polymictic; dark grey; slightly green (10% Amp as thin bands // S1; possibly clasts); strongly conglomeratic with some fg FGS interbedded levels // S1 (compositional layering); moderate to locally strongly magnetic; strongly to intensively foliated; often banded (flattened clasts); fg felsic (FGS) and granitoid (mg) clasts; few white Qz pods and veinlets // S1; rare thin KFp-altered (orangey) haloes around late QzCb veinlets; some very thin Cb veinlets at multiple orientations and Cb phenocrysts; tr Gt POC; tr. Py (diss. blebs and thin veinlets // S1); 2cm thick fault breccia at 22. 9cm thick PEG-QZ at 201.7m (//S1).	D71504	221.45	222.5	1.05	0.095	AGAT_FAICP		
			D71505	222.5	223.5	1	0.046	AGAT_FAICP		
			D71507	223.5	224.5	1	0.075	AGAT_FAICP		
			D71508	224.5	225.5	1	0.021	AGAT_FAICP		
			D71509	225.5	226.5	1	0.031	AGAT_FAICP		
			D71510	226.5	227.5	1	0.023	AGAT_FAICP		
			D71511	227.5	228.5	1	0.013	AGAT_FAICP		
			D71513	228.5	229.5	1	0.012	AGAT_FAICP		
			D71514	229.5	230.5	1	0.007	AGAT_FAICP		
			D71515	230.5	231.5	1	0.01	AGAT_FAICP		
			D71516	231.5	232.5	1	0.024	AGAT_FAICP		
			D71517	232.5	233.5	1	0.025	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71519	233.5	234.5	1	0.02	AGAT_FAICP		
			D71520	234.5	235.5	1	0.014	AGAT_FAICP		
			D71521	235.5	236.5	1	0.012	AGAT_FAICP		
			D71522	236.5	237.5	1	0.035	AGAT_FAICP		
			D71523	237.5	238.5	1	0.623	AGAT_FAICP		
			D71524	238.5	239.5	1	0.056	AGAT_FAICP		
			D71525	239.5	240.41	0.91	0.095	AGAT_FAICP		
240.41	**241.55**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS fg to mg is part of the conglomeratic sequence. Could be a microconglomerate or crystal tuff. FGS is dark grey; 5% Amp; moderately foliated; fg-mg (porphyrytic Qz+Fp); non-magnetic (contrast with magnetic FGC); local thin LAMP dykelet (magnetic); 3% fg Cb; weak KFp-altered Fp; tr. Py (diss. blebs); some thin Cb veinlets.	D71527	240.41	241.55	1.14	0.018	AGAT_FAICP		
241.55	**258.75**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC sequence uphole; upper contact with FGS is a QzFp veinlet. Polymictic conglomerate; dark grey; slightly green (10% Amp as thin bands // S1; possibly clasts); strongly conglomeratic with some thin fg FGS interbedded levels // S1 (compositional layering); weakly to moderate magnetic; strongly foliated; moderately stretched; often banded (flattened clasts); fg felsic (FGS) and granitoid (mg) clasts; local mafic clasts and bands (medium green Cpx surrounded by dark green Amp rim; locally tightly folded // S1); few white Qz pods and veinlets // S1; rare thin KFp-altered (orangey) haloes around late QzCb veinlets; some very thin late Cb veinlets. Tr. Py (diss. blebs).	D71528	241.55	242.5	0.95	0.043	AGAT_FAICP		
			D71529	242.5	243.5	1	0.032	AGAT_FAICP		
			D71530	243.5	244.5	1	0.016	AGAT_FAICP		
			D71531	244.5	245.5	1	0.445	AGAT_FAICP		
			D71533	245.5	246.5	1	0.025	AGAT_FAICP		
			D71534	246.5	247.5	1	0.016	AGAT_FAICP		
			D71535	247.5	248.5	1	0.039	AGAT_FAICP		
			D71536	248.5	249.5	1	0.023	AGAT_FAICP		
			D71537	249.5	250.5	1	0.033	AGAT_FAICP		
			D71539	250.5	251.5	1	0.151	AGAT_FAICP		
			D71540	251.5	252.5	1	0.028	AGAT_FAICP		
			D71541	252.5	253.5	1	0.048	AGAT_FAICP		
			D71542	253.5	254.5	1	0.028	AGAT_FAICP		
			D71543	254.5	255.5	1	0.026	AGAT_FAICP		
			D71544	255.5	256.5	1	0.055	AGAT_FAICP		
			D71545	256.5	257.5	1	0.042	AGAT_FAICP		
			D71547	257.5	258.75	1.25	0.048	AGAT_FAICP		
258.75	**264.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS unit is part of the FGC sequence; dark grey; mod. foliated; fg (small porphyrytic level 263.29-263.77m is fg with mg Qz+Fp phenocrysts as possible microconglomerate or crystal tuff). Few mafic masses locally vuggy (Amp with Ep rims); local Qz veinlets; some thin Cb	D71548	258.75	259.75	1	0.077	AGAT_FAICP		
			D71549	259.75	260.75	1	0.035	AGAT_FAICP		
			D71550	260.75	261.75	1	0.033	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
veinlets. Tr. Py.			D71551	261.75	262.75	1	0.036	AGAT_FAICP		
			D71553	262.75	263.29	0.54	0.036	AGAT_FAICP		
			D71554	263.29	263.77	0.48	0.014	AGAT_FAICP		
			D71555	263.77	264.8	1.03	0.028	AGAT_FAICP		
264.80	**267.75**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71556	264.8	266	1.2	0.051	AGAT_FAICP		
Continuity of FGC sequence uphole. Polymictic conglomerate; dark grey; slightly green (10% Amp as thin bands // S1; possibly clasts); strongly conglomeratic with some thin fg FGS interbedded levels // S1 (compositional layering); weakly to moderate magnetic; strongly foliated; moderately stretched; often banded (flattened clasts); fg felsic (FGS) and granitoid (mg) clasts; local mafic clasts and bands; few white Qz pods and veinlets // S1; rare thin KFp-altered (orangey) haloes around late QzCb veinlets; some very thin late Cb veinlets. Tr. Py (diss. blebs).			D71557	266	267	1	0.02	AGAT_FAICP		
			D71559	267	267.75	0.75	0.012	AGAT_FAICP		
267.75	**268.17**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	D71560	267.75	268.17	0.42	0.11	AGAT_FAICP		
Migmatitic vein with 10% intermixed FGS melanosome (foliated); Qz+KFp leucosomic veins (pink; white; cg-vcg).										
268.17	**271.43**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71561	268.17	269.2	1.03	0.038	AGAT_FAICP		
Continuity of FGC unit uphole (above PEG). Upper contact with PEG is irregular. Polymictic conglomerate; dark grey; slightly green (10% Amp as thin bands // S1; possibly clasts); strongly conglomeratic with some thin fg FGS interbedded levels // S1 (compositional layering); weakly to moderate magnetic; strongly foliated; moderately stretched; often banded (flattened clasts); fg felsic (FGS) and granitoid (mg) clasts; local mafic clasts and bands; few white Qz pods and veinlets // S1; rare thin KFp-altered (orangey) haloes around late QzCb veinlets; some very thin late Cb veinlets. Tr. Py (diss. blebs).			D71562	269.2	270.2	1	0.035	AGAT_FAICP		
			D71563	270.2	271.43	1.23	0.034	AGAT_FAICP		
271.43	**274.98**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71564	271.43	272.4	0.97	0.027	AGAT_FAICP		
Microconglomerate or crystal tuff; part of the FGC sequence. Dark grey; mod. to strongly foliated; fg with common mg-cg Qz+Fp lithic fragments (clasts); some fg levels too; somr mafic (Cpx+Amp) masses and pods; local Qz+/-Fp veinlets; some thin Cb veinlets. Tr. Py.			D71565	272.4	273.4	1	0.208	AGAT_FAICP		
			D71567	273.4	274.4	1	0.171	AGAT_FAICP		
			D71568	274.4	274.98	0.58	0.362	AGAT_FAICP		
274.98	**279.38**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71569	274.98	276	1.02	0.297	AGAT_FAICP		
Continuity of FGC unit uphole; polymictic conglomerate; dark grey; slightly green (10% Amp as thin bands // S1; possibly clasts); strongly conglomeratic with some thin fg FGS interbedded levels // S1 (compositional layering); weakly to moderate magnetic; strongly foliated; moderately stretched; often banded (flattened clasts); fg felsic (FGS) and granitoid (mg) clasts; local mafic clasts and bands; few white Qz pods and veinlets // S1 (12cm wide			D71570	276	277	1	0.086	AGAT_FAICP		
			D71571	277	278	1	0.206	AGAT_FAICP		
			D71573	278	279.38	1.38	0.109	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		QV2 at 275.82m); rare thin KFp-altered (orangey) haloes around late QzCb veinlets; some very thin late Cb veinlets. Tr. Py (diss. blebs).								
279.38	**283.68**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71574	279.38	280.4	1.02	0.039	AGAT_FAICP		
		FGS is dark grey; fg; homogeneous; moderately foliated; small PEG vein (10cm thick) neta upper contact. Upper contact against PEG veinlet.	D71575	280.4	281.4	1	0.023	AGAT_FAICP		
			D71576	281.4	282.4	1	0.015	AGAT_FAICP		
			D71577	282.4	283.68	1.28	0.019	AGAT_FAICP		
283.68	**302.81**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71579	283.68	284.7	1.02	0.036	AGAT_FAICP		
		Continuity of FGC unit uphole; polymictic conglomerate; dark grey; slightly green (10% Amp as thin bands // S1; possibly clasts); strongly conglomeratic with some thin fg FGS interbedded levels // S1 (compositional layering); local microconglomerat level (300.64-301.05m); weakly to moderate magnetic; strongly foliated; moderately stretched; often banded (flattened clasts); fg felsic (FGS) and granitoid (mg) clasts; local mafic clasts and bands; few white Qz+/-Py pods and veinlets // S1; rare thin KFp-altered (orangey) haloes around late QzCb veinlets; some very thin late Cb+/-Hem veinlets. Tr. Py (diss. blebs).	D71580	284.7	285.7	1	0.036	AGAT_FAICP		
			D71581	285.7	286.7	1	0.035	AGAT_FAICP		
			D71582	286.7	287.7	1	0.069	AGAT_FAICP		
			D71583	287.7	288.7	1	0.019	AGAT_FAICP		
			D71584	288.7	289.7	1	0.021	AGAT_FAICP		
			D71585	289.7	290.7	1	0.031	AGAT_FAICP		
			D71587	290.7	291.7	1	0.032	AGAT_FAICP		
			D71588	291.7	292.7	1	0.021	AGAT_FAICP		
			D71589	292.7	293.7	1	0.065	AGAT_FAICP		
			D71590	293.7	294.7	1	0.037	AGAT_FAICP		
			D71591	294.7	295.7	1	0.033	AGAT_FAICP		
			D71593	295.7	296.7	1	0.02	AGAT_FAICP		
			D71594	296.7	297.7	1	0.018	AGAT_FAICP		
			D71595	297.7	298.7	1	0.015	AGAT_FAICP		
			D71596	298.7	299.7	1	0.03	AGAT_FAICP		
			D71597	299.7	300.64	0.94	0.013	AGAT_FAICP		
			D71599	300.64	301.05	0.41	0.004	AGAT_FAICP		
			D71600	301.05	302	0.95	0.032	AGAT_FAICP		
			D71601	302	302.81	0.81	0.024	AGAT_FAICP		
302.81	**304.41**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D71602	302.81	303.8	0.99	0.009	AGAT_FAICP		
		AMP intermediate; dark green and dark grey; vfg-fg; finely mod. to strongly foliated; 30% Amp; 10% Bt; some diffuse felsic (vfg-fg FGS) levels (compositional layering // S1); local Ser-KFp-altered haloes around late QzCb veinlets.	D71603	303.8	304.41	0.61	0.014	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
304.41	**306.00**	**(QFP) Quartz Feldspar Porphyry, ( )** Logged as QFP but more likely a greywacke; part of FGC sequence. Dark grey and orangey (KFp-altered); mod. foliated; fg matrix (Qz+Fp+2%Amp+2%Bt) with common mf-cg Qz+Fp grains and lithic fragments; local strong KFp-altered haloes around late QzCb veinlets.	D71604	304.41	305.1	0.69	0.004	AGAT_FAICP		
			D71605	305.1	306	0.9	0.007	AGAT_FAICP		
306.00	**308.10**	**(AMP, QFP) Amphibolite, Quartz Feldspar Porphyry, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Similar to AMP-interm. 302.81-304.41m with stronger compositional layering; dark green; dark grey; vfg-fg; finely mod. foliated; 30% Amp; 10% Bt. 20cm wide "QFP" (greywacke) at 306.4m (// S1); some orange KFp-altered levels. Some thin late Cb veinlets.	D71607	306	307	1	0.021	AGAT_FAICP		
			D71608	307	308.1	1.1	0.013	AGAT_FAICP		
308.10	**308.85**	**(QFP) Quartz Feldspar Porphyry, ( )** Same greywacke (logged as QFP) as 304.41-306m. Part of FGC sequence; dark grey and orangey (KFp-altered); mod. foliated; fg matrix (Qz+Fp+5%Amp+5%Bt) with common mf-cg Qz+Fp grains and lithic fragments; local strong KFp-altered haloes around late QzCb veinlets.	D71609	308.1	308.85	0.75	0.01	AGAT_FAICP		
308.85	**311.33**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Similar intermediate amphibolite as levels uphole with similar diffuse felsic levels throughout. Dark green; dark grey; vfg-fg; finely mod. foliated; 30% Amp; 10% Bt; few cm thick fault gouge at 309.39m (no kinematics; unoriented core; blocky core around).	D71610	308.85	309.85	1	0.015	AGAT_FAICP		
			D71611	309.85	310.85	1	0.006	AGAT_FAICP		
			D71613	310.85	311.33	0.48	0.015	AGAT_FAICP		
311.33	**311.94**	**(QFP) Quartz Feldspar Porphyry, ( )** Small similar "QFP" (more likely microconglomerate or greywacke); dark grey and orangey (KFp-altered); mod. foliated; fg matrix (Qz+Fp+15%Bt+10%Amp) with common mf-cg Qz+Fp grains and lithic fragments.	D71614	311.33	311.94	0.61	0.009	AGAT_FAICP		
311.94	**314.27**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic pegmatite injected within "QFP" unit; salmon pink (KFp) and light grey/white (Qz); massive; pegmatitic texture; cg-vcg; tr. Bt booklets.	D71615	311.94	312.94	1	0.008	AGAT_FAICP		
			D71616	312.94	314.27	1.33	0.003	AGAT_FAICP		
314.27	**327.44**	**(QFP) Quartz Feldspar Porphyry, ( )** Small similar "QFP" (more likely microconglomerate or greywacke); orange/beige in upper part (strongly Ser-KFp-altered down to 315.08m); dark grey below; mod. foliated; fg matrix (Qz+Fp+15%Bt+10%Amp) with common mf-cg Qz+Fp grains and lithic fragments. Some orangey Ser-KFp-altered haloes around late thin QzCb veinlets. Few thin QzFp veinlets with tr. Py. locally folded.	D71617	314.27	315.08	0.81	0.039	AGAT_FAICP		
			D71619	315.08	316.17	1.09	0.014	AGAT_FAICP		
			D71620	316.17	316.57	0.4	0.006	AGAT_FAICP		
			D71621	316.57	317.5	0.93	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71622	317.5	318.5	1	0.004	AGAT_FAICP		
			D71623	318.5	319.5	1	0.032	AGAT_FAICP		
			D71624	319.5	320.5	1	0.005	AGAT_FAICP		
			D71625	320.5	321.5	1	0.007	AGAT_FAICP		
			D71627	321.5	322.5	1	0.011	AGAT_FAICP		
			D71628	322.5	323.5	1	0.004	AGAT_FAICP		
			D71629	323.5	324.5	1	0.005	AGAT_FAICP		
			D71630	324.5	325.5	1	0.007	AGAT_FAICP		
			D71631	325.5	326.5	1	0.009	AGAT_FAICP		
			D71633	326.5	327.44	0.94	0.005	AGAT_FAICP		
327.44	**328.93**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71634	327.44	328.5	1.06	0.016	AGAT_FAICP		
Small polymictic conglomerate; dark grey (upper part is dark green; amphibolitic); banded; strongly foliated; 20% mafic bands; fg; non magnetic.			D71635	328.5	328.93	0.43	0.015	AGAT_FAICP		
328.93	**331.65**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71636	328.93	330	1.07	0.006	AGAT_FAICP		
FGS is dark grey; fg-mg; moderately foliated; finer grained than all "QFP" levels uphole; homegeneous; non-magnetic. 7cm wide pink PEG-GR veinlet sub// S1. Lower part has a 34cm wide PEG-GR vein (pink and light grey; pegmatitic; cg-vcg; massive).			D71637	330	331.32	1.32	0.009	AGAT_FAICP		
			D71639	331.32	331.72	0.4	0.064	AGAT_FAICP		
331.65	**341.31**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71640	331.72	332.7	0.98	0.029	AGAT_FAICP		
Polymictic conglomerate; dark grey and dark green (10% thin amphibolitic bands // S1 or possible flattened clasts); well banded; strongly foliated; moderately stretched (difficult to identify stretched elements); fg; moderately magnetic; tr. fg-mg Gt porphyroblasts; few thin Qz+/-Fp veinlets // S1; tr. Py; local thin Py-rich band (<1cm thick; // S1; 2% Py). Overall tr. to 0.25% Py.			D71641	332.7	333.7	1	0.035	AGAT_FAICP		
			D71642	333.7	334.7	1	0.042	AGAT_FAICP		
			D71643	334.7	335.7	1	0.075	AGAT_FAICP		
			D71644	335.7	336.7	1	0.031	AGAT_FAICP		
			D71645	336.7	337.7	1	0.024	AGAT_FAICP		
			D71647	337.7	338.7	1	0.015	AGAT_FAICP		
			D71648	338.7	339.7	1	0.024	AGAT_FAICP		
			D71649	339.7	340.7	1	0.021	AGAT_FAICP		
			D71650	340.7	341.31	0.61	0.02	AGAT_FAICP		
341.31	**342.47**	**(QFP) Quartz Feldspar Porphyry, ( )**	D71651	341.31	342.47	1.16	0.007	AGAT_FAICP		
Similar "QFP" as several units uphole; more likely a microconglomerate or crystal tuff. Dark grey; orangey (KFp-altered); mod. to strongly foliated; moderately stretched (Qz+Fp POC); non-magnetic; fg matrix (Qz+Fp+15%Bt+5%Amp) with common mf-cg Qz+Fp grains and										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
lithic fragments. Few thin QzFp veinlets // S1.										
342.47	**350.56**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71653	342.47	343.5	1.03	0.062	AGAT_FAICP		
Polymictic conglomerate with finer grained level from 343 to 345m; dark grey and dark green (5% thin amphibolitic bands // S1 or possible flattened clasts; 10% fg Amp in fg matrix); well banded; moderately to strongly foliated; fg; moderately magnetic; tr. fg-mg Gt porphyroblasts; few thin Qz+/-Fp veinlets // S1; 0.25% Py as diss. blebls and local thin Py-rich band (<1cm thick; // S1) usually in mafic matrix. Local vuggy fractures within QzAmpEpPy veinlets.			D71654	343.5	344.5	1	0.013	AGAT_FAICP		
			D71655	344.5	345.5	1	0.013	AGAT_FAICP		
			D71656	345.5	346.5	1	0.034	AGAT_FAICP		
			D71657	346.5	347.5	1	0.042	AGAT_FAICP		
			D71659	347.5	348.5	1	0.065	AGAT_FAICP		
			D71660	348.5	349.5	1	0.071	AGAT_FAICP		
			D71661	349.5	350.56	1.06	0.053	AGAT_FAICP		
350.56	**363.46**	**(QFP) Quartz Feldspar Porphyry, ( )**	D71662	350.56	352	1.44	0.005	AGAT_FAICP		
Fine to coarse grained weakly foliated porphyritic grey and white QFP. Coarse white and pinkish white plag porphs within fine plag qtz bio matrix. Rarely porphs are qtz but low confidence in that assessment. No sulfides observed. Moderately magetic. One 10cm wide brecciated qtz carb vein with a strong red K alteration halo. Few angular clasts within the qtz carb vein. Many small white qtz carb veinlets with weak alteration halos. Few small white barren QVs less than 3cm wide. Sharp upper and lower contacts.			D71663	352	353	1	0.002	AGAT_FAICP		
			D71664	353	354	1	0.007	AGAT_FAICP		
			D71665	354	355	1	0.002	AGAT_FAICP		
			D71667	355	356	1	0.002	AGAT_FAICP		
			D71668	356	357	1	0.008	AGAT_FAICP		
			D71669	357	358	1	0.032	AGAT_FAICP		
			D71670	358	359	1	0.003	AGAT_FAICP		
			D71671	359	360	1	0.009	AGAT_FAICP		
			D71673	360	361	1	0.015	AGAT_FAICP		
			D71674	361	362	1	0.006	AGAT_FAICP		
			D71675	362	363	1	0.022	AGAT_FAICP		
			D71676	363	363.46	0.46	0.04	AGAT_FAICP		
363.46	**382.42**	**(FGC) Felsic Gneiss Conglomerate, ( )**	D71677	363.46	364	0.54	0.015	AGAT_FAICP		
Fine grained moderately foliated conglomeratic amp rich magnetic FGC. Difficult to determine if the matrix is Amp rich clasts or Amp rich matrix. Clasts and clast terminations are observed throughout. Few felsic clasts observed but most are intermediate to mafic. Magnetism is observed pervasively. Trace sulfides assumed but none observed. Several small qtz veinlets with weak bleached alteration halos. Few small white barren QVs. Sharp upper and lower contacts.			D71679	364	365	1	0.025	AGAT_FAICP		
			D71680	365	366	1	0.048	AGAT_FAICP		
			D71681	366	367	1	0.029	AGAT_FAICP		
			D71682	367	368	1	0.018	AGAT_FAICP		
			D71683	368	369	1	0.041	AGAT_FAICP		
			D71684	369	370	1	0.017	AGAT_FAICP		
			D71685	370	371	1	0.129	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

382.42 383.85 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. One small PEG vein within the unit. Few white veinlets with red alteration halos. Weak epidote alteration locally observed. No sulfides observed. Non magnetic.

383.85 394.12 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained moderately foliated conglomeratic amp rich magnetic FGC. Difficult to determine if the matrix is Amp rich clasts or Amp rich matrix. Clasts and clast terminations are observed throughout. Few felsic clasts observed but most are intermediate to mafic. Magnetism is observed pervasively. Trace fine diss py observed. Several small qtz veinlets with weak bleached alteration halos. Few small white barren QVs. Sharp upper and lower contacts.

394.12 397.85 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained weakly foliated porphyritic grey and white QFP. Coarse white and pinkish white plag porphs within fine plag qtz bio matrix. Rarely porphs are qtz but low confidence in that assessment. No sulfides observed. Moderately magetic. Many small white qtz carb veinlets with weak alteration halos. Sharp upper and lower contacts.

397.85 404.69 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Few white veinlets with red alteration halos. Weak epidote alteration locally observed. No sulfides observed. Non magnetic.

404.69 407.21 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Coarse grained pink PEG vein. Coarse bio throughout. Sharp contacts.

407.21 410.82 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Few white veinlets with red alteration halos. Weak epidote alteration locally observed. No sulfides observed. Non magnetic.

410.82 437.83 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained moderately foliated conglomeratic amp rich magnetic FGC. Difficult to determine if the matrix is Amp rich clasts or Amp rich matrix. Clasts and clast terminations are observed throughout. Few felsic clasts observed but most are intermediate to mafic.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Magnetism is observed pervasively. Trace fine diss py observed. Several small qtz veinlets with weak bleached alteration halos. Few small white barren QVs. Sharp upper and lower contacts. One smalldark grey magnetic carb rich LAMP dyke at 432 to 432.5m.

437.83 443.95 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Few white veinlets with red alteration halos. Weak epidote alteration locally observed. No sulfides observed. Non magnetic.

443.95 449.43 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained moderately foliated conglomeratic amp rich magnetic FGC. Difficult to determine if the matrix is Amp rich clasts or Amp rich matrix. Clasts and clast terminations are observed throughout. Few felsic clasts observed but most are intermediate to mafic. Magnetism is observed pervasively. Trace fine diss py observed. Several small qtz veinlets with weak bleached alteration halos. Few small white barren QVs. Sharp upper and lower contacts.

449.43 461.00 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Few white veinlets with red alteration halos. Weak epidote alteration locally observed. No sulfides observed. Non magnetic.

461.00 465.85 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained dark gery massive xenolith rich non magnetic LAMP. Large 2-10cm wide xenoliths throughout the fine grained matrix. Intense veinlets throughout with weak bleached alteration halos. No sulfides. Sharp immediate upper and lower contacts.

465.85 481.20 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Many white veinlets with red alteration halos. Weak epidote alteration locally observed. No sulfides observed. Non magnetic.

481.20 482.06 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated porphyritic intermediate AMP. Sharp upper and lower contacts. Medium grained elongated anbhedral AMP porphs throughout. Weak plag porphs observed as well. No sulfides observed. Non magnetic.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
482.06	**486.96**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic amp rich magnetic FGC. Clasts and clast terminations are observed throughout. Few felsic clasts observed but most are intermediate to mafic. Magnetism is observed pervasively. Trace fine diss py observed. Several small qtz veinlets with weak bleached alteration halos. Few small white barren QVs. Sharp upper and lower contacts.								
486.96	**487.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Few white veinlets with red alteration halos. No sulfides observed. Non magnetic.								
487.90	**490.47**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic amp rich magnetic FGC. Clasts and clast terminations are observed throughout. Few felsic clasts observed but most are intermediate to mafic. Magnetism is observed pervasively. Trace fine diss py observed. Several small qtz veinlets with weak bleached alteration halos. Few small white barren QVs. Sharp upper and lower contacts.								
490.47	**492.13**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Few white veinlets with no halos. No sulfides observed. Non magnetic. Less altered and smaller porphs compared to adjacent porhpyritic FGS units.								
492.13	**493.36**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained moderately foliated conglomeratic amp rich magnetic FGC. Clasts and clast terminations are observed throughout. Few felsic clasts observed but most are intermediate to mafic. Magnetism is observed pervasively. Trace fine diss py observed. Several small qtz veinlets with weak bleached alteration halos. Few small white barren QVs. Sharp upper and lower contacts.								
493.36	**502.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Many white qtz carb veinlets with red K alteration halos. Few small white barren QVs. No sulfides observed. Non magnetic.	D71687	501.25	502.24	0.99	0.031	AGAT_FAICP		
502.24	**503.37**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	D71688	502.24	503.37	1.13	0.026	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Pink massive granitic PEG vein. No sulfides. Non magnetic. Sharp upper and lower contacts. Minor medium grained biotite.								
503.37	**503.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated green intermediate AMP. Coarse hld unevenly distributed. CPX rich matrix. Sharp upper and lower contacts. White altered plag fledspars within the matrix throughout. No sulfides observed. Non magnetic.	D71689	503.37	503.75	0.38	0.009	AGAT_FAICP		
503.75	**505.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated amp rich weakly porphyritic FGS. Weak medium to coarse white and grey plag porphs throughout. Fine to medium Amp cyrstals within the matrix throughout. Locally vuggy. No sulfides observed. Non magnetic. Sharp upper and lower contacts. Broken core locally.	D71690	503.75	504.5	0.75	0.006	AGAT_FAICP		
			D71691	504.5	505.75	1.25	0.046	AGAT_FAICP		
505.75	**506.24**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated weakly banded green intermediate AMP. Coarse hld unevenly distributed. CPX rich matrix. Sharp upper and lower contacts. White altered plag fledspars within the matrix throughout. No sulfides observed. Non magnetic.	D71693	505.75	506.24	0.49	0.087	AGAT_FAICP		
506.24	**510.69**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately folaited weakly to moderately porphyritic grey and white FGS. Size of white plag porphs varies slightly throughout the unit. One small section of intermediate AMP. No sulfides observed. Non magnetic. One small barren QF vein. Locally aggregates of AMP. Sharp upper and lower contacts. Very few white veinlets.	D71694	506.24	507	0.76	0.014	AGAT_FAICP		
			D71695	507	508	1	0.012	AGAT_FAICP		
			D71696	508	509	1	0.016	AGAT_FAICP		
			D71697	509	510	1	0.006	AGAT_FAICP		
			D71699	510	510.69	0.69	0.009	AGAT_FAICP		
510.69	**511.24**	**(AMP) Amphibolite, ( )** Fine grained green AMP. Several small qtz carb veins and veinlets with bleach and K altered halos. No sulfides observed. Biotite rich. Sharp upper and lower contact. Non magneitc. Several smaller similar units less than 10 cm wide in the subsequent FGS unevenly distributed.	D71700	510.69	511.24	0.55	0.013	AGAT_FAICP		
511.24	**516.66**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately foliated porphyritic grey and white FGS. Sharp upper and lower contacts. White plag porphs throughout. Many white qtz carb veinlets with red K alteration halos. Few small white barren QVs. No sulfides observed. Non magnetic. Might be QFP but plag porphs are rounded rather than euhedral and matrix is more felsic than	D71701	511.24	512	0.76	0.015	AGAT_FAICP		
			D71702	512	513	1	0.01	AGAT_FAICP		
			D71703	513	514	1	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		typically observed for QFP. Several small AMP intervals with compositions similar to the fine grained AMP described above. One small white barren QV.	D71704	514	515	1	0.006	AGAT_FAICP		
			D71705	515	516	1	0.008	AGAT_FAICP		
			D71707	516	516.66	0.66	0.021	AGAT_FAICP		
516.66	**518.13**	**(PEG) Pegmatite, ( )**	D71708	516.66	518.13	1.47	0.015	AGAT_FAICP		
		Medium to coarse grained banded weakly foliated pink granitic PEG vein. Minor coarse bio throughout. Sharp upper and lower contacts. Non magnetic. No sulfides observed.								
518.13	**522.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71709	518.13	519	0.87	0.006	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS. No sulfides observed. Few medium grained Amp crystals within a felsic plag qtz bio matrix. Non magnetic. Homogenous. One small QF vein. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets.	D71710	519	520	1	0.013	AGAT_FAICP		
			D71711	520	521	1	0.009	AGAT_FAICP		
			D71713	521	522.05	1.05	0.008	AGAT_FAICP		
522.05	**522.66**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D71714	522.05	522.66	0.61	0.002	AGAT_FAICP		
		Fine to medium grained compositionally banded magnetic carbonate rich xenolith rich LAMP dyke. No sulfides observed. Sharp immediate altered upper and lower contacts.								
522.66	**552.59**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71715	522.66	524	1.34	0.009	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS. No sulfides observed. Few medium grained Amp crystals within a felsic plag qtz bio matrix. Non magnetic. Homogenous. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally.	D71716	524	525	1	0.016	AGAT_FAICP		
			D71717	525	526	1	0.029	AGAT_FAICP		
			D71719	526	527	1	0.017	AGAT_FAICP		
			D71720	527	528	1	0.025	AGAT_FAICP		
			D71721	528	529	1	0.007	AGAT_FAICP		
			D71722	529	530	1	0.101	AGAT_FAICP		
			D71723	530	531	1	0.017	AGAT_FAICP		
			D71724	531	532	1	0.023	AGAT_FAICP		
			D71725	532	533	1	0.018	AGAT_FAICP		
			D71727	533	534	1	0.013	AGAT_FAICP		
			D71728	534	535	1	0.02	AGAT_FAICP		
			D71729	535	536	1	0.01	AGAT_FAICP		
			D71730	536	537	1	0.016	AGAT_FAICP		
			D71731	537	538	1	0.02	AGAT_FAICP		
			D71733	538	539	1	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71734	539	540	1	0.009	AGAT_FAICP		
			D71735	540	541	1	0.007	AGAT_FAICP		
			D71736	541	542	1	0.007	AGAT_FAICP		
			D71737	542	543	1	0.006	AGAT_FAICP		
			D71739	543	544	1	0.008	AGAT_FAICP		
			D71740	544	545	1	0.007	AGAT_FAICP		
			D71741	545	546	1	0.003	AGAT_FAICP		
			D71742	546	547	1	0.007	AGAT_FAICP		
			D71743	547	548	1	0.006	AGAT_FAICP		
			D71744	548	549	1	0.004	AGAT_FAICP		
			D71745	549	550	1	0.003	AGAT_FAICP		
			D71747	550	551	1	0.005	AGAT_FAICP		
			D71748	551	552	1	0.005	AGAT_FAICP		
			D71749	552	552.59	0.59	0.021	AGAT_FAICP		
552.59	**553.77**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated green and grey intermediate AMP. Many small white veinlets with weak bleached alteration halos. Sharp upper and lower contacts. No sulfides observed. Non magnetic. equigranular.	D71750	552.59	553.77	1.18	0.008	AGAT_FAICP		
553.77	**568.18**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. No sulfides observed. Few medium grained Amp crystals within a felsic plag qtz bio matrix. Non magnetic. Homogenous. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally. Few small PEG veins.	D71751	553.77	555	1.23	0.02	AGAT_FAICP		
			D71753	555	556	1	0.007	AGAT_FAICP		
			D71754	556	557	1	0.006	AGAT_FAICP		
			D71755	557	558	1	0.008	AGAT_FAICP		
			D71756	558	559	1	0.004	AGAT_FAICP		
			D71757	559	560	1	0.004	AGAT_FAICP		
			D71759	560	561	1	0.006	AGAT_FAICP		
			D71760	561	562	1	0.003	AGAT_FAICP		
			D71761	562	563	1	0.003	AGAT_FAICP		
			D71762	563	564	1	0.006	AGAT_FAICP		
			D71763	564	565	1	0.007	AGAT_FAICP		
			D71764	565	566	1	0.008	AGAT_FAICP		
			D71765	566	567	1	0.005	AGAT_FAICP		
			D71767	567	568.17	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
568.18	**568.47**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated green and grey intermediate AMP. Many small white veinlets with weak bleached alteration halos. Sharp upper and lower contacts. No sulfides observed. Non magnetic. equigranular. Trace epidote.	D71768	568.17	568.47	0.3	0.006	AGAT_FAICP		
568.47	**586.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. No sulfides observed. Few medium grained Amp crystals within a felsic plag qtz bio matrix. Non magnetic. Homogenous. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally.	D71769	568.47	569	0.53	0.003	AGAT_FAICP		
			D71770	569	570	1	0.003	AGAT_FAICP		
			D71771	570	571	1	0.003	AGAT_FAICP		
			D71773	571	572	1	0.005	AGAT_FAICP		
			D71774	572	573	1	0.004	AGAT_FAICP		
			D71775	573	574	1	0.006	AGAT_FAICP		
			D71776	574	575	1	0.002	AGAT_FAICP		
			D71777	575	576	1	0.003	AGAT_FAICP		
			D71779	576	577	1	0.005	AGAT_FAICP		
			D71780	577	578	1	0.006	AGAT_FAICP		
			D71781	578	579	1	0.0005	AGAT_FAICP		
			D71782	579	580	1	0.011	AGAT_FAICP		
			D71783	580	581	1	0.008	AGAT_FAICP		
			D71784	581	582	1	0.003	AGAT_FAICP		
			D71785	582	583	1	0.003	AGAT_FAICP		
			D71787	583	584	1	0.005	AGAT_FAICP		
			D71788	584	585	1	0.002	AGAT_FAICP		
			D71789	585	586	1	0.004	AGAT_FAICP		
			D71790	586	587	1	0.004	AGAT_FAICP		
586.50	**594.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Large pink granitic PEG vein with medium to coarse biotite unevenly distributed throughout. Sharp immediate upper and lower contacts. Contacts are undualating. Non magnetic.	D71790	586	587	1	0.004	AGAT_FAICP		
			D71791	587	588	1	0.004	AGAT_FAICP		
			D71793	588	589	1	0.056	AGAT_FAICP		
			D71794	589	590	1	0.004	AGAT_FAICP		
			D71795	590	591	1	0.005	AGAT_FAICP		
			D71796	591	592	1	0.006	AGAT_FAICP		
			D71797	592	592.68	0.68	0.005	AGAT_FAICP		
			D71799	592.68	594	1.32	0.001	AGAT_FAICP		
			D71800	594	594.9	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
594.90	**598.65**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71801	594.9	596	1.1	0.005	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS. No sulfides observed. Non magnetic. Homogenous. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally. Local patches/aggregates of biotite. Lower contact is disturbed by a irregular melt vein.	D71802	596	597	1	0.002	AGAT_FAICP		
			D71803	597	598	1	0.003	AGAT_FAICP		
			D71804	598	598.65	0.65	0.003	AGAT_FAICP		
598.65	**600.89**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D71805	598.65	600	1.35	0.032	AGAT_FAICP		
		Fine to coarse grained moderately foliated green intermediate AMP. Many small white veinlets with weak bleached and K alteration halos. Sharp upper and lower contacts disturbed by melt veins. No sulfides observed. Non magnetic. equigranular. Trace epidote. Ample aggregates of CPX unevenly distributed throughout.	D71807	600	600.89	0.89	0.03	AGAT_FAICP		
600.89	**603.81**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71808	600.89	602	1.11	0.006	AGAT_FAICP		
		Medium grained moderately foliated pink and grey FGS. No sulfides observed. Medium to coarse grained plag crystals within a felsic plag qtz bio matrix. Non magnetic. Minor variation in grain size. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally. Small sections contain increased AMP but they are short and much more felsic than AMP int.	D71809	602	603	1	0.006	AGAT_FAICP		
			D71810	603	603.81	0.81	0.003	AGAT_FAICP		
603.81	**604.24**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D71811	603.81	604.24	0.43	0.021	AGAT_FAICP		
		Fine to medium grained moderately foliated weakly porphyritic green and grey intermediate AMP. Weak bleaching and K alteration throughout. Sharp upper and lower contacts. No sulfides observed. Non magnetic. Medium grained Amp crystals within a amp plag bio matrix.								
604.24	**607.14**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71813	604.24	605	0.76	0.008	AGAT_FAICP		
		Medium to coarse grained moderately foliated porphyritic grey and pink FGS. No sulfides observed. Coarse subrounded plag crystals within a felsic plag qtz bio matrix. Trace Amp. Non magnetic. Homogenous. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally.	D71814	605	606	1	0.191	AGAT_FAICP		
			D71815	606	607.14	1.14	0.008	AGAT_FAICP		
607.14	**607.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D71816	607.14	607.75	0.61	0.049	AGAT_FAICP		
		Fine to medium grained moderately foliated green and grey intermediate AMP. Many small white veinlets with weak bleached alteration halos. Sharp upper and lower contacts. No sulfides observed. Non magnetic. Equigranular. All feldspar crystals are altered pink.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
607.75	**613.22**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated weakly porphyritic grey and pink FGS. No sulfides observed. Coarse subrounded plag crystals within a felsic plag qtz bio matrix. Porphs aren't well developed locally. Trace Amp. Non magnetic. Homogenous. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally.	D71817	607.75	609	1.25	0.003	AGAT_FAICP		
			D71819	609	610	1	0.004	AGAT_FAICP		
			D71820	610	611	1	0.004	AGAT_FAICP		
			D71821	611	612	1	0.004	AGAT_FAICP		
			D71822	612	613.22	1.22	0.003	AGAT_FAICP		
613.22	**613.71**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated compositiionally banded green and grey intermediate AMP. weakly bleached and K altered. Sharp upper and lower contacts. No sulfides observed. Non magnetic. Equigranular. One small 10cm barren wide QV with no sulfides and minor feldspars.	D71823	613.22	613.71	0.49	0.022	AGAT_FAICP		
613.71	**616.72**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated weakly porphyritic grey and pink FGS. No sulfides observed. Coarse subrounded plag crystals within a felsic plag qtz bio matrix. Porphs aren't well developed locally. Trace Amp. Non magnetic. Homogenous. Sharp upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches locally.	D71824	613.71	615	1.29	0.002	AGAT_FAICP		
			D71825	615	616	1	0.003	AGAT_FAICP		
			D71827	616	616.72	0.72	0.001	AGAT_FAICP		
616.72	**619.61**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated porphyritic grey and green Amp rich FGS. Medium grained Amp porphs throughout the unit evenly. Minor bio. Plag and qtz rich matrix. Verging towards intermediate AMP. Few white veinlets with weak K and bleached alteration halos. Sharp upper and lower contacts. No sulfides and Non magnetic.	D71828	616.72	618	1.28	0.004	AGAT_FAICP		
			D71829	618	619	1	0.004	AGAT_FAICP		
			D71830	619	619.61	0.61	0.004	AGAT_FAICP		
619.61	**627.75**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained moderately foliated weakly porphyritic grey and pink FGS. No sulfides observed. Coarse subrounded plag crystals within a felsic plag qtz bio matrix. Porphs aren't well developed locally. Trace Amp. Non magnetic. Homogenous. Sharp upper and lower contacts. moderate K alteration halo around small white qtz carb veinlets. Few melt patches locally. Few veinlets show sericite alteration.	D71831	619.61	621	1.39	0.003	AGAT_FAICP		
			D71833	621	622	1	0.003	AGAT_FAICP		
			D71834	622	623	1	0.008	AGAT_FAICP		
			D71835	623	624	1	0.002	AGAT_FAICP		
			D71836	624	625	1	0.004	AGAT_FAICP		
			D71837	625	626	1	0.003	AGAT_FAICP		
			D71839	626	627	1	0.004	AGAT_FAICP		
			D71840	627	628	1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
627.75	**637.66**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71841	628	629.26	1.26	0.004	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS. No sulfides observed. Minor fine bio defines foliation within a felsic plag qtz matrix. Non magnetic. Homogenous. Gradual textural and compositional upper and lower contacts. Minor K alteration halo around small white qtz carb veinlets. Few melt patches and PEG veins locally.			D71842	629.26	629.68	0.42	0.002	AGAT_FAICP		
			D71843	629.68	631	1.32	0.003	AGAT_FAICP		
			D71844	631	632	1	0.003	AGAT_FAICP		
			D71845	632	633	1	0.004	AGAT_FAICP		
			D71847	633	633.32	0.32	0.004	AGAT_FAICP		
			D71848	633.32	634	0.68	0.008	AGAT_FAICP		
			D71849	634	635	1	0.003	AGAT_FAICP		
			D71850	635	636	1	0.003	AGAT_FAICP		
			D71851	636	637	1	0.004	AGAT_FAICP		
			D71853	637	637.66	0.66	0.002	AGAT_FAICP		
637.66	**639.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71854	637.66	639	1.34	0.003	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS. No sulfides observed. Amp and bio define foliation within a felsic plag qtz matrix. Amp content is significantly more than adjacent FGS units. Non magnetic. Homogenous. Gradual textural and compositional upper and lower contacts. Few melt patches and PEG veins locally.			D71855	639	639.7	0.7	0.004	AGAT_FAICP		
639.70	**657.14**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71856	639.7	641	1.3	0.003	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS. Trace Py observed. Minor fine bio defines foliation within a felsic plag qtz matrix. Non magnetic. Homogenous. Gradual textural and compositional upper contact. Sharp lower contact with low AMP unit. Minor K alteration halo around small white qtz carb veinlets. Few melt patches and PEG veins.			D71857	641	642	1	0.003	AGAT_FAICP		
			D71859	642	643	1	0.009	AGAT_FAICP		
			D71860	643	644	1	0.005	AGAT_FAICP		
			D71861	644	645	1	0.005	AGAT_FAICP		
			D71862	645	645.66	0.66	0.005	AGAT_FAICP		
			D71863	645.66	646.35	0.69	0.002	AGAT_FAICP		
			D71864	646.35	647.18	0.83	0.006	AGAT_FAICP		
			D71865	647.18	647.6	0.42	0.001	AGAT_FAICP		
			D71867	647.6	648.55	0.95	0.079	AGAT_FAICP		
			D71868	648.55	649.23	0.68	0.014	AGAT_FAICP		
			D71869	649.23	650	0.77	0.015	AGAT_FAICP		
			D71870	650	650.7	0.7	0.006	AGAT_FAICP		
			D71871	650.7	652	1.3	0.004	AGAT_FAICP		
			D71873	652	653	1	0.003	AGAT_FAICP		
			D71874	653	654	1	0.01	AGAT_FAICP		
			D71875	654	655	1	0.003	AGAT_FAICP		
			D71876	655	656	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71877	656	657.14	1.14	0.003	AGAT_FAICP		
657.14	**657.41**	**(AMP) Amphibolite, ( )** Fine grained short homogenous AMP unit with short gradational upper and lower contacts. No sulfides. Minor fine diss Py. One qtz carb veinlet with a strong small alteration halo.	D71879	657.14	657.55	0.41	0.008	AGAT_FAICP		
657.41	**673.71**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated gradually banded grey FGS. Grain size and composition varies throughout the unit with an increase of Amp bio associated with an increase in grain size. Weakly developed plag porphs locally. Fine trace Py. Several small PEG veins. Many small thin white veinlets with red and bleached alteration halos. Short gradual upper contact. Non magnetic.	D71880	657.55	659	1.45	0.006	AGAT_FAICP		
			D71881	659	660	1	0.006	AGAT_FAICP		
			D71882	660	661	1	0.012	AGAT_FAICP		
			D71883	661	662	1	0.01	AGAT_FAICP		
			D71884	662	663	1	0.003	AGAT_FAICP		
			D71885	663	664	1	0.004	AGAT_FAICP		
			D71887	664	665	1	0.007	AGAT_FAICP		
			D71888	665	666	1	0.004	AGAT_FAICP		
			D71889	666	667	1	0.004	AGAT_FAICP		
			D71890	667	668	1	0.004	AGAT_FAICP		
			D71891	668	669	1	0.003	AGAT_FAICP		
			D71893	669	670	1	0.041	AGAT_FAICP		
			D71894	670	671	1	0.014	AGAT_FAICP		
			D71895	671	672	1	0.008	AGAT_FAICP		
			D71896	672	673	1	0.015	AGAT_FAICP		
			D71897	673	674	1	0.02	AGAT_FAICP		
673.71	**674.09**	**(FGC) Felsic Gneiss Conglomerate, ( )** Small fine to medium grained moderately foliated conglomeratic FGC unit. Several clasts are observable. Short gradual contacts. Trace Py. Minor bio and amp.								
674.09	**682.64**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Trace Py observed. Minor bio and amp defines foliation within a felsic plag qtz matrix. Non magnetic. Weakly porphyritic locally . Minor K alteration halo around small white qtz carb veinlets. Few PEG veins.	D71899	674	675	1	0.005	AGAT_FAICP		
			D71900	675	676	1	0.004	AGAT_FAICP		
			D71901	676	677	1	0.005	AGAT_FAICP		
			D71902	677	678	1	0.003	AGAT_FAICP		
			D71903	678	679	1	0.003	AGAT_FAICP		
			D71904	679	680	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71905	680	681	1	0.005	AGAT_FAICP		
			D71907	681	682	1	0.002	AGAT_FAICP		
			D71908	682	682.64	0.64	0.003	AGAT_FAICP		
682.64	**684.32**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	D71909	682.64	683.5	0.86	0.007	AGAT_FAICP		
		Large medium to coarse grained redish pink PEG vein. Finer grained than typical coarse PEG veins. Minor qtz. Trace bio. Sharp immediate upper and lower contacts. No sulfides. non magnetic.	D71910	683.5	684.32	0.82	0.001	AGAT_FAICP		
684.32	**685.39**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71911	684.32	685.39	1.07	0.006	AGAT_FAICP		
		Fine grained moderately foliated grey FGS. Trace Py observed. Minor fine bio defines foliation within a felsic plag qtz matrix. Non magnetic. Homogenous. Immediate upper and lower contact. Minor K alteration halo around small white qtz carb veinlets.								
685.39	**686.61**	**(PEG) Pegmatite, ( )**	D71913	685.39	686	0.61	0.002	AGAT_FAICP		
		Medium to coarse grained pink and white PEG vein. Trace bio. No sulfides. Non magnetic. Sharp immediate upper and lower contacts.	D71914	686	686.61	0.61	0.01	AGAT_FAICP		
686.61	**691.87**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71915	686.61	688	1.39	0.006	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS. Trace Py observed. Minor fine bio defines foliation within a felsic plag qtz matrix. Non magnetic. Homogenous. Immediate upper contact. Short gradual lower contact with FGS. Minor K alteration halo around small white qtz carb veinlets.	D71916	688	689	1	0.004	AGAT_FAICP		
			D71917	689	690	1	0.003	AGAT_FAICP		
			D71919	690	691	1	0.045	AGAT_FAICP		
			D71920	691	692	1	0.003	AGAT_FAICP		
691.87	**693.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71921	692	693	1	0.005	AGAT_FAICP		
		Fine to coarse grained moderately foliated moderately banded grey FGS. Melt bands (leucosomes?) observed throughout this section of banding. Qtz feldspar patches form banding. Minor bio and amp throughout. Trace Py.	D71922	693	694	1	0.025	AGAT_FAICP		
693.50	**729.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71922	693	694	1	0.025	AGAT_FAICP		
		Fine grained moderately foliated grey FGS. Trace Py observed. Minor fine bio defines foliation within a felsic plag qtz matrix. Non magnetic. Homogenous. Gradual upper contact. Minor K alteration halo around small white qtz carb veinlets. Thick section contains strong pervasive carbonate and sericite alteration. Locally small think carb veins are observed. Several small to medium size PEG veins are observed. Wedge placed at 609m. EOH=729m	D71923	694	695	1	0.001	AGAT_FAICP		
			D71924	695	696	1	0.002	AGAT_FAICP		
			D71925	696	697	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71927	697	698	1	0.002	AGAT_FAICP		
			D71928	698	699	1	0.001	AGAT_FAICP		
			D71929	699	700	1	0.001	AGAT_FAICP		
			D71930	700	701	1	0.005	AGAT_FAICP		
			D71931	701	702	1	0.006	AGAT_FAICP		
			D71933	702	703	1	0.005	AGAT_FAICP		
			D71934	703	704	1	0.006	AGAT_FAICP		
			D71935	704	705	1	0.005	AGAT_FAICP		
			D71936	705	706	1	0.027	AGAT_FAICP		
			D71937	706	707	1	0.022	AGAT_FAICP		
			D71939	707	708	1	0.009	AGAT_FAICP		
			D71940	708	709	1	0.007	AGAT_FAICP		
			D71941	709	709.5	0.5	0.006	AGAT_FAICP		
			D71942	709.5	710.1	0.6	0.006	AGAT_FAICP		
			D71943	710.1	711	0.9	0.007	AGAT_FAICP		
			D71944	711	712	1	0.011	AGAT_FAICP		
			D71945	712	713	1	0.009	AGAT_FAICP		
			D71947	713	714	1	0.015	AGAT_FAICP		
			D71948	714	715	1	0.01	AGAT_FAICP		
			D71949	715	716	1	0.007	AGAT_FAICP		
			D71950	716	717	1	0.008	AGAT_FAICP		
			D71951	717	718	1	0.007	AGAT_FAICP		
			D71953	718	719	1	0.008	AGAT_FAICP		
			D71954	719	720	1	0.016	AGAT_FAICP		
			D71955	720	721	1	0.006	AGAT_FAICP		
			D71956	721	722	1	0.006	AGAT_FAICP		
			D71957	722	723	1	0.005	AGAT_FAICP		
			D71959	723	724	1	0.002	AGAT_FAICP		
			D71960	724	725	1	0.004	AGAT_FAICP		
			D71961	725	726	1	0.005	AGAT_FAICP		
			D71962	726	727	1	0.005	AGAT_FAICP		
			D71963	727	728	1	0.001	AGAT_FAICP		
			D71964	728	729	1	0.012	AGAT_FAICP		

GOLDCORP
BORDEN GOLD

Goldcorp Inc.
Geological Description with Assays

Hole ID : **BL19-01092W**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	165.34	Easting :	334238	Logged By :	Alex.Jibb
Dip :	-70.41	Northing :	5303848.81	Logged By 2 :	William.Gerber
Length :	1479.42	Elevation :	440.759	Log Start :	19-Oct-2019
Drill Start :	17-Oct-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	10-Nov-2019
Drill Completed :	5-Nov-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Wedge placed 708.5m (Oct13) after two wedges failed at the bottom of BL19-01092. AJ logged 707.24-1293.00m; William Gerber logged 1293-EOH. Alteration zone from 1341.48 to 1411.95m (FGG+GBFG); best mineralized zone (QV1-VG) from 1401.3-1404.74m and from 1410.12 to 1410.28m. Fault zone from 1453.55 to 1478.95m (new fault parallel to Swamp Fault 2 and injected by LAMP subsequently faulted).

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
707.24	**712.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71965	707.24	707.8	0.56	0.025	AGAT_FAICP		
Grey to dark grey; fcg; moderate patchy SER alteration; weak patchy/halo-style POT alteration around mm-scale QZ-CB stringers; top 40cm of interval composed of BIO and AMP rich FGS with 2-3% fmg dissem PY lclly; 5-7% mcg patchy to dissem BIO aggregates throughout; 0.5-1% vffg dissem PY min; lower contact sharp defined by significant increase/overprinting of SER alteration.			D71967	707.8	709	1.2	0.013	AGAT_FAICP		
			D71968	709	709.9	0.9	0.007	AGAT_FAICP		
			D71969	709.9	710.66	0.76	0.006	AGAT_FAICP		
			D71970	710.66	711.6	0.94	0.006	AGAT_FAICP		
			D71971	711.6	712.45	0.85	0.011	AGAT_FAICP		
712.45	**714.55**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D71973	712.45	713.55	1.1	0.009	AGAT_FAICP		
Beige; fmg; intense SER alteration essentially replacing host FGS; no siginficant textures defined as alteration overprints any preserved textures; weak increase in POT alteration towards lower contact with undiff QV2 (no lines on core to grab alpha/beta); no significant mineralization observed			D71974	713.55	714.55	1	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
714.55	**714.77**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated** White; fcg; barren QVZ with minor 1% anhedral KF entrained lclly in vein material; sharp upper and lower contacts; trace sulphide mineralization vein-hosted								
714.77	**718.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to grey; fcg; moderate silica overprinting and weak-moderate siliceous nature to interval; moderately developed POR texture defined by 1mm-1cm scale QZ-PF phenocrysts showing subrounded to rounded subhedral habits; minor wispy to patchy SER alteration typically appearing as halos around mm-cm scale QZ-CB stringers; few minor melt-textured 5-10cm PEGGR veinlets cut unit generally concordant with overall foliation measured at ~33dtca (no lines on core); minor UMD-LAMPD perp to foliation (discordant) cuts unit at 716.66-716.90m	D71975	714.55	715	0.45	0.009	AGAT_FAICP		
			D71976	715	716	1	0.012	AGAT_FAICP		
			D71977	716	716.6	0.6	0.012	AGAT_FAICP		
			D71979	716.6	717	0.4	0.007	AGAT_FAICP		
			D71980	717	718	1	0.011	AGAT_FAICP		
			D71981	718	718.6	0.6	0.012	AGAT_FAICP		
718.60	**719.48**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )** Split 50/50 interval composed of homogenous package of melt-textured quartzo-feldspathic material dominated by FGS and PEGGR with minor 4-5% fmg dissem BIO throughout; moderate patchy POT alteration throughout; weak patchy/halo SER alt; moderately developed lower contact at low-angle to core axis; no sig min	D71982	718.6	719.48	0.88	0.008	AGAT_FAICP		
719.48	**723.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to lclly dark grey; fine-to-locally-coarse-grained; moderate silica overprinting; weak-moderate patchy to wispy/halo style SER and POT alteration; variable fmg dissem sulphide mineralization throughout from trace amts to 2% (lclly); foliation moderately developed defined by BIO; variably developed POR texture throughout defined by QZ-PF phenocrysts 1-10mm in size with subrounded to angular shapes and subhedral to anhedral habit; sharp lower contact with PEGGR	D71983	719.48	720	0.52	0.008	AGAT_FAICP		
			D71984	720	721	1	0.007	AGAT_FAICP		
			D71985	721	722	1	0.008	AGAT_FAICP		
			D71987	722	723	1	0.004	AGAT_FAICP		
			D71988	723	723.65	0.65	0.005	AGAT_FAICP		
723.65	**724.15**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and grey; mcg; melt-textured peg with minor 1% fmg dissem BIO entrained in vein material; no sig min; no lines on core to grab alpha/beta measurements	D71989	723.65	724.15	0.5	0.002	AGAT_FAICP		
724.15	**724.52**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; moderate silica overprinting; weakly developed POR texture defined by mcg subrounded subhedral 1-7mm QZ-PF phenocrysts; no significant mineralization; upper and lower contacts sharp (no lines on core to measure alpha/beta)	D71990	724.15	724.52	0.37	0.004	AGAT_FAICP		
724.52	**724.99**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	D71991	724.52	724.99	0.47	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Pink and white; mcg; melt-textured granitic pegmatite with no signifcant mineral or sulphide inclusions in vein material; large cvcg KF define moderate PEG texture; sharp lower contact with FGS								
724.99	**725.33**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; weak-moderate SIL and SER alteration; no sig min or textures; sandwiched between upper and lower melted PEGGR veins; no sig min; no lines on core to grab alpha/beta	D71993	724.99	725.33	0.34	0.004	AGAT_FAICP		
725.33	**725.69**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and white; mcg; moderately melt-textured defined by one large KF crystal; minor 0.5% fg PY min; no sig alteration or mineralization otherwise; sharp lower contact (no lines on core to grab alpha/beta)	D71994	725.33	725.69	0.36	0.001	AGAT_FAICP		
725.69	**735.71**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey to reddish-pinkish-grey to beige; fcg; moderate silica overprinting with weak-moderate patchy to halo-style SER and POT alteration; weakly-moderately developed/defined QZE texture defined by 1-10mm angular to subrounded QZ-PF phenocrysts; strongly developed QFP cuts unit at 732.5-732.75m defined by mcg angular QZ-KF phenocrysts with minor patchy POT staining to texture-deifning phenocrysts; minor 0.25-0.50% vffg dissem PY min; sharp lower contact with melt-textured PEGGR (no lines on core to grab alpha/beta)	D71995	725.69	726	0.31	0.004	AGAT_FAICP		
			D71996	726	727	1	0.003	AGAT_FAICP		
			D71997	727	728	1	0.002	AGAT_FAICP		
			D71999	728	729	1	0.003	AGAT_FAICP		
			D72000	729	730	1	0.01	AGAT_FAICP		
			C67909	730	731	1	0.011	AGAT_FAICP		
			C67910	731	732	1	0.012	AGAT_FAICP		
			C67911	732	732.45	0.45	0.006	AGAT_FAICP		
			C67913	732.45	732.8	0.35	0.004	AGAT_FAICP		
			C67914	732.8	734	1.2	0.003	AGAT_FAICP		
			C67915	734	735	1	0.006	AGAT_FAICP		
			C67916	735	735.71	0.71	0.017	AGAT_FAICP		
735.71	**736.27**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Reddish-pink to pink to white; mcg; melt-textured; no sig min or alteration; sharp lower contact with FGS (no lines on core to grab alpha/beta)	C67917	735.71	736.27	0.56	0.002	AGAT_FAICP		
736.27	**741.14**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey; fcg; moderate silicification; weak patchy to halo-style POT/SER alteration; moderately developed QZE/POR texture defined by mcg 1-10mm fcg anhedral to subhedral subrounded to angular QZ-KF phenocrysts; two 5-7cm barren QV2/QVZ veinlets concordant	C67919	736.27	737	0.73	0.01	AGAT_FAICP		
			C67920	737	738	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
with trace/weak foliation present in interval; 0.5% vffg dissem PY min			C67921	738	739	1	0.01	AGAT_FAICP		
			C67922	739	740	1	0.014	AGAT_FAICP		
			C67923	740	741.14	1.14	0.014	AGAT_FAICP		
741.14	**741.96**	**(FGC) Felsic Gneiss Conglomerate, ( )**	C67924	741.14	741.96	0.82	0.021	AGAT_FAICP		
Grey to beige-grey; fmg; moderately siliceous with moderate per SER and SIL alteration; CONG texture well-developed defined by stretching of AMP and BIO clasts to 20:1 ratios parallel to moderately defined foliation (no lines on core to grab alpha/beta); 1% fg dissem PY min and 0.1 trace fg PO min										
741.96	**747.12**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C67925	741.96	743	1.04	0.018	AGAT_FAICP		
			C67927	743	744	1	0.012	AGAT_FAICP		
Dark grey; fcg; moderate-strong silicification; minor moderate POT halos around QZ-CB stringres; lcl SER alt halos around aforementioned stringers; 13-15% BIO define unit identifier; 1-2% patchy EPI lclly observed; increase in sulphide mineralization compared to above intervals; 3% vffg to mg PY min disseminated throughout; minor trace 0.1-0.25% fmg dissem PO min			C67928	744	745	1	0.02	AGAT_FAICP		
			C67929	745	746	1	0.027	AGAT_FAICP		
			C67930	746	747.12	1.12	0.014	AGAT_FAICP		
747.12	**751.12**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C67931	747.12	748.12	1	0.022	AGAT_FAICP		
			C67933	748.12	748.5	0.38	0.018	AGAT_FAICP		
Grey and beige; fmg; mod-strong siliceous nature to interval; moderate SER alteration; 3-5% amp disseminated throughout interval; strong potassic alteration between 748.8-749.4m with small CL alteration dyklet cutting through alteration assemblage; weakly bxd vein towards lower contact hosts 2% fmg PO/PY showing a lclly strong increase in siliceous nature to intveral; sharp lower contact with porphyritic/dioritic textured AMP (no lines on core to grab alpha/beta)			C67934	748.5	749.4	0.9	0.06	AGAT_FAICP		
			C67935	749.4	750.5	1.1	0.065	AGAT_FAICP		
			C67936	750.5	751.12	0.62	0.051	AGAT_FAICP		
751.12	**754.66**	**(AMP) Amphibolite, ( )**	C67937	751.12	752.5	1.38	0.009	AGAT_FAICP		
			C67939	752.5	753.5	1	0.003	AGAT_FAICP		
Green to reddish-green to greenish-grey; fmg; moderate POR texture defined by angular subhedral 1-5mm sized AMP grains amidst an amp-rich matrix; weak to lclly moderate potassic alteration to QZ-PF phenocrysts also defining texture; POSSIBLY DIOAM/DIOP1 due to distinctly sharp upper and lower contacts; clotty-textured with minor 1-2% epidote lclly; one barren milky-white QVZ cuts unit at 753.98-754.04m; misc stringers and veinlets otherwise; minor 0.5% vffg dissem PY min			C67940	753.5	754.66	1.16	0.007	AGAT_FAICP		
754.66	**763.78**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C67941	754.66	756	1.34	0.052	AGAT_FAICP		
			C67942	756	757	1	0.024	AGAT_FAICP		
Grey to dark grey to pinkish-grey; moderate silica overprinting; minor CL and SER alteration around more siliceous intervals with less-silcieous material relatively unaltered; polka-dot appearance to veins in interval defined by mg dissem 5% AMP and 5% BIO; 2% PO and 3-4% PY entrained in sliceous intervals of unit; moderate foliation lclly developed measured at 759.38m with a66 b317			C67943	757	758	1	0.024	AGAT_FAICP		
			C67944	758	759	1	0.024	AGAT_FAICP		
			C67945	759	760	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67947	760	761	1	0.005	AGAT_FAICP		
			C67948	761	762	1	0.007	AGAT_FAICP		
			C67949	762	763	1	0.02	AGAT_FAICP		
			C67950	763	763.78	0.78	0.01	AGAT_FAICP		
763.78	**765.72**	**(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ( )** Split 70/30 interval composed of host clotty-textured moderately-QZE and weakly-moderately siliceous grey FGS cut by 70% weakly garnetiferous AMP sub-perpendicular to core axis; FGS intervals weakly conglomeratic defined by stretching of QZ clasts; subhedral subrounded to angular fcg QZ-KF phenocrysts define moderate texture to FGS intervals; 1% fmg dissem PY min exclusive to FGS sections; lower contact between AMP and FGS sharp measured at a90 b360	C67951	763.78	764.23	0.45	0.0005	AGAT_FAICP		
			C67953	764.23	764.82	0.59	0.001	AGAT_FAICP		
			C67954	764.82	765.2	0.38	0.0005	AGAT_FAICP		
			C67955	765.2	765.72	0.52	0.02	AGAT_FAICP		
765.72	**771.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey to beige-grey; fmg; moderate-strong silicification; weak lclly pervasive SER alteration; minor/trace amounts of patchy CL alteration; 7-8% fmg dissem BIO defines mod-strong foliation measured locally at 769.70m with a60 b284; moderately siliceous; variable sulphide mineralization overall showing 3% fmg dissem PY and tr amts of PO; sharp lower contact with FGS measured at a64 b312	C67956	765.72	767	1.28	0.01	AGAT_FAICP		
			C67957	767	768	1	0.02	AGAT_FAICP		
			C67959	768	769	1	0.03	AGAT_FAICP		
			C67960	769	770	1	0.03	AGAT_FAICP		
			C67961	770	771.25	1.25	0.06	AGAT_FAICP		
771.25	**772.34**	**(FGC) Felsic Gneiss Conglomerate, ( )** Grey-green; weak silica overprinting and weak patchy SER and POT alt; matrix-supported conglomeratic felsic gniess defined by QZ-CB "veinlets" stretched to appear as such; minor amp banding also contributes to overall texture; strongly foliated measured at 772.00m with a68 b300; 2-3% fmg patchy and banded PO and 1-2% PY min	C67962	771.25	772.34	1.09	0.09	AGAT_FAICP		
772.34	**775.82**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; moderate silicification and weak patchy POT alt to texture-defining 2-8mm QZ-FSP phenocrysts showing lcl weak POT staining; weak-moderate SER alteration as halos and lclly patchy; minor 0.5% vffg dissem PY	C67963	772.34	773.34	1	0.0005	AGAT_FAICP		
			C67964	773.34	774	0.66	0.0005	AGAT_FAICP		
			C67965	774	775	1	0.0005	AGAT_FAICP		
			C67967	775	775.82	0.82	0.0005	AGAT_FAICP		
775.82	**776.73**	**(AMP) Amphibolite, ( )** Dark green to reddish-green; fcg; weak-moderate porphyritic/dioritic texture throughout; possible DIOAM/DIOP1 suggested by sharp upper and lower contacts in rather uniform host rock; no sig min; sharp lower contact (no lines on core to grab alpha/beta on upper/lower contacts)	C67968	775.82	776.73	0.91	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
776.73	**782.54**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C67969	776.73	778	1.27	0.0005	AGAT_FAICP		
Grey to reddish-grey; fmg; moderate-strong pervasive silicification; moderate patchy/wispy SER and POT alteration lclly defined throughout; porphyritic texture consistent with uphole FGS-POR textures defined by mm-cm scale QZ-FSP phenocrysts showing subrounded to rounded shape with anhedral to subhedral habit; variable sulphide mineralization throughout; overall 1% fg dissem PY min to lclly agr			C67970	778	779	1	0.0005	AGAT_FAICP		
			C67971	779	780	1	0.0005	AGAT_FAICP		
			C67973	780	781	1	0.0005	AGAT_FAICP		
			C67974	781	782	1	0.0005	AGAT_FAICP		
			C67975	782	782.54	0.54	0.0005	AGAT_FAICP		
782.54	**783.53**	**(AMP) Amphibolite, ( )**	C67976	782.54	783.34	0.8	0.009	AGAT_FAICP		
Dark green to green to reddish-grey; por-textured defined by mg AMP grains and potassic-stained fg FSP eyes; moderately foliated measured with a65 (no lines to grab beta); last 20cm of interval composed of cvcg PEGGR with 10% vcg AMP entrained in vein material; hosting no sig min; lower contact moderate at 783.53m										
783.53	**783.89**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C67977	783.34	783.89	0.55	0.002	AGAT_FAICP		
Grey to pale-pink; fmg; moderate melt-textured; weak-moderate POT alteration										
783.89	**784.19**	**(AMP) Amphibolite, ( )**	C67979	783.89	784.19	0.3	0.005	AGAT_FAICP		
Dark green; fmg; moderately porphyritic/dioritic textured defined by fg 1-8mm sized subrounded subhedral QZ-FPS phenocrysts; texture-defining phenocrysts show weak-moderate POT staining; few mm-scale QZ-CB stringers cut unit; no lines on core to grab upper and lower alpha/beta										
784.19	**792.55**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C67980	784.19	784.6	0.41	0.015	AGAT_FAICP		
Pale grey to pale pink; fcg; moderate-strong silica overprinting; weak-moderate patchy POT alteration lclly showing as HALOs around mm-cm QZ-CB stringers; unit moderately massive with minor foliation lclly developed (trace/weak); POR texture moderately developed defined by fmg 1-10mm sized subrounded to subhedral QZ-FSP phenocrysts; one minor and two micro AMP units cut host-FGS from 789.28-789.70m hosting no sig min or veining; one larger 36cm QZ-dominant PEGQZ with no upper and lower contact angles (no lines on core); 0.25% vffg to lclly mg dissem PY throughout			C67981	784.6	785.6	1	0.011	AGAT_FAICP		
			C67982	785.6	787	1.4	0.004	AGAT_FAICP		
			C67983	787	788	1	0.003	AGAT_FAICP		
			C67984	788	789.28	1.28	0.002	AGAT_FAICP		
			C67985	789.28	789.7	0.42	0.002	AGAT_FAICP		
			C67987	789.7	790.99	1.29	0.002	AGAT_FAICP		
			C67988	790.99	791.35	0.36	0.002	AGAT_FAICP		
			C67989	791.35	792.35	1	0.001	AGAT_FAICP		
792.55	**806.41**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C67990	792.35	793.35	1	0.002	AGAT_FAICP		
Pink and grey; fcg; moderate-strong silicification and moderate patchy to banded potassic										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alteration; POR/QZE texture moderately developed defined by 1-15mm sized angular/subrounded anhedral/subhedral QZ-FSP phenocrysts; moderate foliation defined by aforementioned QZE (no lines on core to grab alpha/beta of fol); no significant sulphide mineralization	C67991	793.35	794.35	1	0.001	AGAT_FAICP		
			C67993	794.35	795.35	1	0.002	AGAT_FAICP		
			C67994	795.35	796.35	1	0.002	AGAT_FAICP		
			C67995	796.35	797.35	1	0.002	AGAT_FAICP		
			C67996	797.35	798.35	1	0.005	AGAT_FAICP		
			C67997	798.35	799.35	1	0.001	AGAT_FAICP		
			C67999	799.35	800.35	1	0.007	AGAT_FAICP		
			C68000	800.35	801.35	1	0.002	AGAT_FAICP		
			C68001	801.35	802.35	1	0.002	AGAT_FAICP		
			C68002	802.35	803.35	1	0.002	AGAT_FAICP		
			C68003	803.35	804.35	1	0.001	AGAT_FAICP		
			C68004	804.35	805.35	1	0.001	AGAT_FAICP		
			C68005	805.35	805.9	0.55	0.002	AGAT_FAICP		
			C68007	805.9	806.41	0.51	0.011	AGAT_FAICP		
806.41	**807.47**	**(FGS) Felsic Gneiss Sedimentary, ( )** Red; fmg; intense potassic alteration essentially replacing original host FGS; few wispy CB stringers sub-parallel to core axis (no lines on core to grab alpha/beta angles); no sig sulphide mineralization; sharp lower contact with PEGGR (no lines to grab ori measurements)	C68008	806.41	807.47	1.06	0.006	AGAT_FAICP		
807.47	**807.97**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Reddish-pink to pink to white; mcg; moderate melt-texture defined by lack of boundaries to mcg KF grains; 20-25% QZ present; 1-2% MUSC and BIO entrained in vein material; no sig sulphide mineralization	C68009	807.47	807.97	0.5	0.005	AGAT_FAICP		
807.97	**810.12**	**(FGS) Felsic Gneiss Sedimentary, ( )** Red; fmg; intense pervasive POT alteration throughout all of interval; weak-moderate lclly developed QZE/POR texture defined by 1-5mm rounded QZ-FSP eyes; no significant mineralization; sharp lower contact with AMP-bearing DIO (no line on core to grab alpha/beta)	C68010	807.97	809	1.03	0.006	AGAT_FAICP		
			C68011	809	810.12	1.12	0.004	AGAT_FAICP		
810.12	**810.73**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Dark grey to reddish-grey; fcg; moderate silicification; weak POT alteration; POR texture defined by 1-8mm rounded to subrounded subhedral QZ-FSP phenocrysts rimmed by BIO (10-12% BIO overall); 4-5% AMP overall; 1% fg dissem EPI; sharp contacts but lack of lines	C68013	810.12	810.73	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
on core prohibits alpha/beta measurements of contacts										
810.73	**816.35**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68014	810.73	812	1.27	0.001	AGAT_FAICP		
Reddish-pink to red to greyish-red; fmg; strong per POT alteration throughout interval with moderate-strong silica overprinting; healed gouge at 813.20-813.28m showing moderate bx texture; 813.28-815.24m shows strong FZ with rubble and broken core throughout; 0% RQD for this interval with a few cm-scale clay-like gouges; no significant sulphide mineralization; lower contact sharp with UMD at 816.35m			C68015	812	812.83	0.83	0.001	AGAT_FAICP		
			C68016	812.83	813.28	0.45	0.005	AGAT_FAICP		
			C68017	813.28	814.08	0.8	0.004	AGAT_FAICP		
			C68019	814.08	814.8	0.72	0.003	AGAT_FAICP		
			C68020	814.8	816	1.2	0.002	AGAT_FAICP		
			C68021	816	816.35	0.35	0.004	AGAT_FAICP		
816.35	**816.66**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68022	816.35	816.66	0.31	0.004	AGAT_FAICP		
Beige to olive-green; vffg; no sig min or alt; sharp upper and lower contacts measured at a40 b306 and a42 b309										
816.66	**822.73**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68023	816.66	817.43	0.77	0.001	AGAT_FAICP		
Various shades of red/pink and grey; fcg; moderate-strong silicification and strong pervasive POT alteration from 817.78-819.82m; patchy/halo moderate POT alteration for remainder of interval; POR/QZE texture weakly-moderately developed defined by mm-cm scale QZ-FSP eyes/phenocrysts amidst an 8% BIO-bearing matrix; few mm-cm scale QZ-CB-FSP stringers otherwise; generally massive with no preferrential foliation present; no sig min; sharp lower contact with UMD-LAMPD with a26 b311			C68024	817.43	818	0.57	0.003	AGAT_FAICP		
			C68025	818	819	1	0.002	AGAT_FAICP		
			C68027	819	820	1	0.002	AGAT_FAICP		
			C68028	820	821	1	0.002	AGAT_FAICP		
			C68029	821	822	1	0.002	AGAT_FAICP		
			C68030	822	822.73	0.73	0.005	AGAT_FAICP		
822.73	**824.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68031	822.73	823.75	1.02	0.002	AGAT_FAICP		
Dark brown to lclly dark grey; fmg; minor FGS xenoliths on downside of core with minor FGS showing strong RIE/CL alteration as it is flanked on upper and lower contacts by UMD; no sig min; minor amy texture lclly; sharp lower contact			C68033	823.75	824.4	0.65	0.002	AGAT_FAICP		
824.40	**826.90**	**(AMP) Amphibolite, ( )**	C68034	824.4	825.5	1.1	0.005	AGAT_FAICP		
Green; fmg; trace patchy pot alteration; weak silica overprinting; no significant mineralization; mod-strongly massive with no well-defined foliations or structural fabrics; sharp lower contact with FGS measured at a70 b258			C68035	825.5	826.09	0.59	0.003	AGAT_FAICP		
			C68036	826.09	827.3	1.21	0.002	AGAT_FAICP		
826.90	**838.70**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68037	827.3	828.4	1.1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Dark to light grey to pale-pinkish-grey; fcg; moderate silica overprinting; weak patchy to halo-style POT alteration; lcl weak patchy SER alt; clotty-textured throughout defined by alteration assemblages and weak-moderately developed ppy texture defined by anhedral and lclly "blown-out" QZ-FSP phenocrysts; 4-5% elongated acicular style BIO min throughout showing no stretching lineation featuresdefine a weak locally developed foliation at 86.18m; 3 10-15cm AMP dyklets cut unit throughout; one larger melt-textured FGS/QV2 at 831-831.43m with upper cnct inferred and lower cnct moderate measured at a42 b270; no significant mineralization	C68039	828.4	829	0.6	0.002	AGAT_FAICP		
			C68040	829	830	1	0.003	AGAT_FAICP		
			C68041	830	831	1	0.0005	AGAT_FAICP		
			C68042	831	831.43	0.43	0.001	AGAT_FAICP		
			C68043	831.43	832.43	1	0.003	AGAT_FAICP		
			C68044	832.43	833.4	0.97	0.002	AGAT_FAICP		
			C68045	833.4	834.4	1	0.002	AGAT_FAICP		
			C68047	834.4	835	0.6	0.002	AGAT_FAICP		
			C68048	835	836	1	0.002	AGAT_FAICP		
			C68049	836	837	1	0.003	AGAT_FAICP		
			C68050	837	838	1	0.003	AGAT_FAICP		
			C68051	838	838.7	0.7	0.004	AGAT_FAICP		
838.70	**840.03**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C68053	838.7	840.03	1.33	0.008	AGAT_FAICP		
		Dark green to grey; fmg; trace SER alt; trace CL alt; no sig min or veining; last 13cm of interval composed of snot-green UMD with sharp upper and lower contacts; no lines on core to grab structural measurements in this interval								
840.03	**842.74**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68054	840.03	841	0.97	0.007	AGAT_FAICP		
		Dark grey to lclly reddish-pink; fcg; moderate silicification and moderate selective POT alt to texture-defining QZE; QZE 3-10mm in size with angular to rounded shapes and anhedral to subhedral habits; gradational lower contact implies this unit is FGS NOT DIO; no significant sulphide mineralization or veining to interval	C68055	841	842	1	0.002	AGAT_FAICP		
			C68056	842	842.74	0.74	0.001	AGAT_FAICP		
842.74	**854.89**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68057	842.74	844	1.26	0.005	AGAT_FAICP		
		Pink and grey and red; fcg; moderate-strong to lclly strong-intense pervasive POT alteration with complimentary moderate silicification; ppy texture weak and lclly defined by 1-10mm sized angular/subrounded anhedral QZ-FSP phenocrysts; few cm-scale QZ stringers/veinlets cut unit irregularly with no preferred orientation; no significant mineralization	C68059	844	845.03	1.03	0.002	AGAT_FAICP		
			C68060	845.03	846	0.97	0.001	AGAT_FAICP		
			C68061	846	847	1	0.001	AGAT_FAICP		
			C68062	847	847.5	0.5	0.002	AGAT_FAICP		
			C68063	847.5	849	1.5	0.026	AGAT_FAICP		
			C68064	849	850	1	0.0005	AGAT_FAICP		
			C68065	850	851	1	0.007	AGAT_FAICP		
			C68067	851	852	1	0.003	AGAT_FAICP		
			C68068	852	853	1	0.002	AGAT_FAICP		
			C68069	853	854	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68070	854	854.89	0.89	0.002	AGAT_FAICP		
854.89	**855.63**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C68071	854.89	855.63	0.74	0.006	AGAT_FAICP		
Reddish-pink and white; mg; moderate-strong potassic alteration to 80% KF composing vein; diffuse upper and lower contacts due to melted nature of vein and host; 2% fmg dissem BIO entrained in vein-material; no significant mineralization observed; diffuse lower contact										
855.63	**857.70**	**(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, ( )**	C68073	855.63	856.74	1.11	0.034	AGAT_FAICP		
Split 55/45 interval composed of porpyritic-textured FGS showing weak patchy POT alt with moderate PER SIL overprinting and 3 20+cm peg-textured QVZ veins cutting and discordant angles to both foliation and each other; veins composed of 60-70%+ QZ and remainder composed of KF lclly showing weak SER alt; no significant mineralization hosted in interval and no well-defined structural features; lower contact gradational			C68074	856.74	857.4	0.66	0.002	AGAT_FAICP		
			C68075	857.4	857.7	0.3	0.0005	AGAT_FAICP		
857.70	**875.39**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68076	857.7	858.66	0.96	0.002	AGAT_FAICP		
Grey to dark-grey to pinkish-grey; mcg; moderate-strong silicification; moderate patchy POT and SER alteration throughout lclly showing as bands; one large melted peg-textured PEGGR vein at 859.54-859.94m hosting no sig min; lcl 1-2cm micro-lamp dykelets cut unit between 870.7-871.0m; few QZ stringers otherwise with no preferred orientations; SER and RIE/CL alteration develop downhole immediately preceeding lower contact with UMD-LAMPD; no sig min hosted in interval; sharp lower contact measured at a42 b280			C68077	858.66	859.54	0.88	0.003	AGAT_FAICP		
			C68079	859.54	859.94	0.4	0.002	AGAT_FAICP		
			C68080	859.94	861	1.06	0.006	AGAT_FAICP		
			C68081	861	862	1	0.002	AGAT_FAICP		
			C68082	862	863	1	0.001	AGAT_FAICP		
			C68083	863	864	1	0.0005	AGAT_FAICP		
			C68084	864	865	1	0.0005	AGAT_FAICP		
			C68085	865	866	1	0.003	AGAT_FAICP		
			C68087	866	867	1	0.003	AGAT_FAICP		
			C68088	867	868	1	0.002	AGAT_FAICP		
			C68089	868	869	1	0.003	AGAT_FAICP		
			C68090	869	870	1	0.003	AGAT_FAICP		
			C68091	870	871	1	0.002	AGAT_FAICP		
			C68093	871	872	1	0.019	AGAT_FAICP		
			C68094	872	873	1	0.008	AGAT_FAICP		
			C68095	873	874	1	0.003	AGAT_FAICP		
			C68096	874	875.39	1.39	0.003	AGAT_FAICP		
875.39	**877.35**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68097	875.39	876.42	1.03	0.005	AGAT_FAICP		
Brown to snot/olive-green; minor CL alt; banded texture resultant of CL alteration banding;										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		minor SER alt; no sig min or veining; lclly xenolithic; amygdule/vessicular nature defined by anhedral CB phencocrysts; sharp lower contact measured at a45 b282	C68099	876.42	877.35	0.93	0.008	AGAT_FAICP		
877.35	**881.31**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey and pink; fcg; weak-moderate silicification with weak POT alt halos around low-angle stringers; POR texture defined by 2-10mm angular to subrounded subhedral QZ-FSP phenocrysts; 5-7% BIO throughout; wispy-style weak SER alt similar in appearance to POT alteration; inferred lower contact with PEGQG due to LOL at contact; no significant sulphide minerlaization; 0.5% fmg dissem MUSC	C68100	877.35	878.35	1	0.013	AGAT_FAICP		
			C68101	878.35	879.35	1	0.002	AGAT_FAICP		
			C68102	879.35	880.35	1	0.002	AGAT_FAICP		
			C68103	880.35	881.31	0.96	0.002	AGAT_FAICP		
881.31	**882.50**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Pink and grey; cvcg; strong melt-texture defined by lack of boundaries between CG/VCG feldspars; last 50cm of interval contains 50/50 QZ/FSP; trace HE fracture-fill; sharp lower contact with alpha 35 (no lines to grab beta)	C68104	881.31	882.5	1.19	0.003	AGAT_FAICP		
882.50	**882.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; well-foliated measured with alpha 52dtca (no lines on core); QZ-CB stringers cut unit generally discordant to foliation showing weak-moderate POT alteration halos; no sig min; sharp contacts with upper PEG and lower QFP	C68105	882.5	882.9	0.4	0.002	AGAT_FAICP		
882.90	**883.83**	**(QFP) Quartz Feldspar Porphyry, ( )** Grey to dark grey; fcg; weak silica overprinting; trace POT and CL alt halos around mm-scale QZ-CB stringers cutting uni generally concordant with moderately defined foliation; POR texture strong and well-developed defined by 2-12mm angular to subrounded anhedral/subhedral QZ-FSP phenocrysts; no sig min; trace fg epidote locally	C68107	882.9	883.63	0.73	0.004	AGAT_FAICP		
883.83	**884.62**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; moderate silicification (encroaching on MAM); clotty-textured; few mm-scale QZ veinlets; minor CL alt; no sig min; sharp lower contact with QFP measured at a44 (no lines)	C68108	883.63	884.62	0.99	0.012	AGAT_FAICP		
884.62	**890.90**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey; fcg; mod-strong silica overprinting; moderate to variable degrees of patchy/banded potassic alteration; lcl sections of melted FGS destroying any porphyritic texture that was present; 886.87-887.31m shows strong/intense POT alteration with moderate CL bands around a 10cm melted PEGGR veinlet; POR texture defined by 1-15mm angular to subrounded subhedral QZ-FSP phenocrysts; ~10% BIO composes matrix; moderately defined lower contact measured with a62 b114	C68109	884.62	886	1.38	0.13	AGAT_FAICP		
			C68110	886	886.87	0.87	0.004	AGAT_FAICP		
			C68111	886.87	887.31	0.44	0.004	AGAT_FAICP		
			C68113	887.31	888.3	0.99	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68114	888.3	889.3	1	0.007	AGAT_FAICP		
			C68115	889.3	890	0.7	0.001	AGAT_FAICP		
			C68116	890	890.9	0.9	0.003	AGAT_FAICP		
890.90	**893.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68117	890.9	892	1.1	0.003	AGAT_FAICP		
Grey to pale grey to pale pink; fmg; moderate silica overprinting; moderate POT alteration HALOs around mm-scale QZ-CB stringers; appears very weakly melted throughout; feint remnant QZE throughout; no significant structural features or mineralization			C68119	892	893.05	1.05	0.003	AGAT_FAICP		
893.05	**895.78**	**(QFP, PEG) Quartz Feldspar Porphyry, Pegmatite, ( )**	C68120	893.05	894	0.95	0.006	AGAT_FAICP		
Split 50/50 interval composed of mod-strongly POR-textured QFP with weaving in-and-out melt-textured granitic pegmatitie hosting 4-5% fmg BIO defining overall pgm texture; grain sizes variable as melted texture smears grain boundaries; texture-defining phenocrysts lclly show moderate POT staining; PEGGR veins lclly host recrystallized fmg amphibole 0.5% overall; 1% vffg dissem PY min throughout often along phenocrystic boundaries			C68121	894	895.1	1.1	0.0005	AGAT_FAICP		
			C68122	895.1	895.78	0.68	0.003	AGAT_FAICP		
895.78	**902.27**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68123	895.78	897	1.22	0.002	AGAT_FAICP		
Grey to dark grey; fcg; moderate silica overprinting; weak-moderate patchy to halo-style POT alteration throughout; trace SER alteration halos; stringers cut unit sub-parallel to core axis and discordant with weakly defined foliation; 7-8% fmg BIO throughout; lcl vffg dissem PY 0.5% overall; sharp lower contact with bleached/altered FGS			C68124	897	898	1	0.003	AGAT_FAICP		
			C68125	898	899	1	0.003	AGAT_FAICP		
			C68127	899	900	1	0.011	AGAT_FAICP		
			C68128	900	901	1	0.005	AGAT_FAICP		
			C68129	901	902.27	1.27	0.003	AGAT_FAICP		
902.27	**903.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68130	902.27	903	0.73	0.006	AGAT_FAICP		
Beige to pale pinkish-grey; vffg; bleached at upper contact progressively grading to a weak-moderate pale-pink kspar alteration; very few remnant textures with trace foliation observed; no significant mineralization										
903.00	**906.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68131	903	904	1	0.022	AGAT_FAICP		
Grey and pink; fcg; moderate silicification and moderate patchy to texture-defining banded POT alteration (lcl alteration HALOs around mm-scale QZ-CB stringers); one small AMP dyklet cuts unit at 904.36-904.49m; no significant structural features or mineralization; inferred lower contact with strongly altered FGS drawn due to increase in POT alt			C68133	904	905	1	0.003	AGAT_FAICP		
			C68134	905	906	1	0.007	AGAT_FAICP		
906.00	**911.49**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68135	906	907	1	0.009	AGAT_FAICP		
Deep pink to deep red to dark grey; fmg; strong to intense pervasive POT alteration										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		throughout with lclly moderate POT+SER alteration showing as STRDIS textured; lcl sections of 8-15cm melted PEGGR veinlets with diffuse contacts with host FGS; lcl strong HE alteration proximal to FZ at 909.38-909.43m with trace amts of lcl rhodochrosite (Mn-bearing carbonate present; lclly vuggy at FZ intervals; no significant sulphide mineralization in this interval; lower contact inferred due to decrease in strong FZ-related alteration measured with a61 b120	C68136	907	908	1	0.007	AGAT_FAICP		
			C68137	908	909	1	0.008	AGAT_FAICP		
			C68139	909	910	1	0.013	AGAT_FAICP		
			C68140	910	911.49	1.49	0.008	AGAT_FAICP		
911.49	**922.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68141	911.49	912.5	1.01	0.01	AGAT_FAICP		
		Dark grey to grey to reddish-pink; fcg; moderate pervasive silicification; moderate patchy to banded POT alteration lclly showing as halos around mm-scale QZ-CB stringers; strong/intense POT alteration between 919.00-919.50m; foliation moderately defined and lclly measured in two places at 911.67m with a67 b286 and again at 921.17m with a60 b177; small DIOP1 intrusive unit between 919.95-919.11m with upper and lower cnct a53 b177; trace vffg dissem PY min throughout 0.5% overall	C68142	912.5	913.5	1	0.006	AGAT_FAICP		
			C68143	913.5	915	1.5	0.004	AGAT_FAICP		
			C68144	915	916	1	0.013	AGAT_FAICP		
			C68145	916	917	1	0.025	AGAT_FAICP		
			C68147	917	918	1	0.009	AGAT_FAICP		
			C68148	918	919	1	0.007	AGAT_FAICP		
			C68149	919	919.9	0.9	0.011	AGAT_FAICP		
			C68150	919.9	920.2	0.3	0.006	AGAT_FAICP		
			C68151	920.2	921	0.8	0.011	AGAT_FAICP		
			C68153	921	922.05	1.05	0.048	AGAT_FAICP		
922.05	**923.28**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C68154	922.05	923.28	1.23	0.009	AGAT_FAICP		
		Pink and white to lclly grey; cvcg; weak-moderate selective POT alteration to cvcg melt-textured KF grains; 20-25% QZ and 75-77% FSP with 3% BIO defining obvious PEG texture; no significant sulphide mineralization; sharp lower contact with FGS measured at a31 b110								
923.28	**925.13**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68155	923.28	924.28	1	0.008	AGAT_FAICP		
		Grey to dark rey to reddish-pink; fmg; moderate silicification; moderate POT alteration halos around QZ-CB stringers/frac-fill veinlets; weak-moderate SER alteration halos; weak-moderately foliated with alpha 52 dtca; no significant sulphide mineralization; sharp lower contact measured at a49 b260	C68156	924.28	925.13	0.85	0.009	AGAT_FAICP		
925.13	**925.81**	**(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated**	C68157	925.13	925.81	0.68	0.005	AGAT_FAICP		
		White to lclly pink; fcg; no significant alteration; relatively massive QZV with 4-5% cg potassic feldspar entrained in vein material; sliver of FGS cuts unit sub-parallel to core axis; no sulphide mineralization; sharp lower contact measured at a61 b46								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
925.81	**926.63**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Split 50/50 interval composed of red potassic-altered weakly porphyritic FGS and green porphyritic weakly potassic altered AMPIN; AMPIN cuts through host FGS discordant with weakly defined foliation; few QZ-CB stringer cut unit also discordant with foliation; no significant sulphide mineralization; lower contact sharp with UMD-LAMPD measured at a58 b31	C68159	925.81	926.63	0.82	0.005	AGAT_FAICP		
926.63	**927.78**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark grey; fcg; moderate lclly defined POT alteration halos around QZ-CB stringers; weakly XNL defined by 5-10mm scale CG SER-altered PF grains showing subhedral habits; few stringers cutting dyke discordant to contact angles throughout; lower contact sharp measured at a46 b58	C68160	926.63	927.78	1.15	0.004	AGAT_FAICP		
927.78	**929.17**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink to grey; fmg; strong silicification; moderate patchy and banded POT alteration; moderately foliated measured lclly at 928.08m with a60 b280; minor AMPIN inclusions likely from lower AMPIN unit; stringers cut unit sub-parallel to foliation; no sig min; sharp lower contact with AMPIN measured at a46 b58	C68161	927.78	929.17	1.39	0.009	AGAT_FAICP		
929.17	**930.18**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fmg; weak patchy CL alteration; moderately foliated; 2% mg disseminated/patchy/vuggy EPI throughout; 5% cg patchy CPX present as well; weakly xnl entraining anhedral blobs of PEGGR material; no sig min; sharp lower contact measured at a36 b286	C68162	929.17	930.18	1.01	0.009	AGAT_FAICP		
930.18	**932.11**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey to pinkish-grey; moderate silicification; weak-moderate banded/halo-style POT alteration; minor SER alt halos around lcl QZ-CB stringers; moderately foliated; no sig min; sharp lower contact with PEGGR measured at a40 b25	C68163 C68164	930.18 931.16	931.16 932.11	0.98 0.95	0.008 0.01	AGAT_FAICP AGAT_FAICP		
932.11	**934.73**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and white; cvcg to lclly mg; melt-textured throughout; 2% mcg dissem BIO define weak PGM texture; 30% QZ in interval; trace amts of CL alteration proximal to cg feldspars; no significant sulphide mineralization; sharp lower contact with FGS measured at a45 (no lines to grab beta)	C68165 C68167 C68168	932.11 933 934	933 934 934.73	0.89 1 0.73	0.004 0.014 0.003	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
934.73	**935.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68169	934.73	935.9	1.17	0.014	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 pinkish-grey; fcg; moderate-strong silica overprinting with moderate patchy to lclly pervasive POT alteration; minor BND SER alteration; mod-strong foliation at ~55dtca (no lines to grab beta angles); lcl fmg dissem PY 0.25% overall; sharp lower contact with PEGGR with measured alpha 52dtca								
935.90	**937.80**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink to lclly white/grey; cvcg; strongly melt-textured; 20-25% QZ present in interval; 75-77% KF/PF; 2% mg BIO; 0.5-1% mg patchy PY min QZ-hosted; sharp lower contact with FGS measured at a45 (no lines on core)	C68170	935.9	936.9	1	0.017	AGAT_FAICP		
			C68171	936.9	937.8	0.9	0.002	AGAT_FAICP		
937.80	**938.91**	**(FGS) Felsic Gneiss Sedimentary, ( )** Pink and grey; fmg; moderately silicified; moderate banded POT alteration; mod-strong foliation sub-parallel to S0 at ~50dtca (no lines to grab beta angles); lcl BIO stringers defining foliation host fmg PY (0.5% overall); diffuse lower contact with melt-textured PEGGR	C68173	937.8	938.91	1.11	0.008	AGAT_FAICP		
938.91	**945.36**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink and white to lclly grey; mcg; lclly strong HE alteration to KF mineral assemblages; lcl graphic texture to cg potassium feldspar; 30% QZ present; 2% mg dissem BIO; 50cm of foliated FGS included in unit between 942.12-942.62m; 0.5% fmg dissem to patchy dominantly QZ-hosted PY min throughout; sharp lower contact with large homogenous FGS package measured at a44 b301	C68174	938.91	940	1.09	0.004	AGAT_FAICP		
			C68175	940	941	1	0.002	AGAT_FAICP		
			C68176	941	942.12	1.12	0.007	AGAT_FAICP		
			C68177	942.12	942.62	0.5	0.007	AGAT_FAICP		
			C68179	942.62	944	1.38	0.006	AGAT_FAICP		
			C68180	944	945.36	1.36	0.003	AGAT_FAICP		
945.36	**986.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey to lclly reddish-pink; fcg; strong pervasive silicification; moderate banded/halo POT alteration around frac-fill QZ-CB veinlets/stringers; 12-15% BIO throughout defining strong foliation measured locally at 945.48m with a59 b310; 956.62m with a55 b299; and 965.15m with a59 b310; foliation generally consistent throughout with local FOD features; FOD-AX1 measured at 953.58m plunging 3 degrees towards 080 with AP1 of fold measured with a40 b321 (sub parallel to S1); POR texture weakly-moderately developed defined by 2-10mm sized QZ-FSP phenocrysts showing angular to rounded shapes and anhedral to subhedral habits; one larger QV2 cuts unit parallel to S0/S1 from 956.17-956.56m with lower cnct measured at a55 b310; traces of vffg to lclly mg AGR PY min throughout (0.25% overall); lith extended from 965.21 to 986.45m once fresh set of boxes put on bench - continuation of above comments with increase in cm-scale QZ-FSP-CB stringers cutting unit concordant with overall foliation; one larger PEGQG vein from 983.18-983.74m hosting no sig min; lower contact with clotty-textured CPX-bearing AMPIN sharp measured with a38 b290	C68181	945.36	946	0.64	0.01	AGAT_FAICP		
			C68182	946	947	1	0.021	AGAT_FAICP		
			C68183	947	948	1	0.019	AGAT_FAICP		
			C68184	948	949	1	0.015	AGAT_FAICP		
			C68185	949	950	1	0.012	AGAT_FAICP		
			C68187	950	951	1	0.012	AGAT_FAICP		
			C68188	951	952.5	1.5	0.012	AGAT_FAICP		
			C68189	952.5	954	1.5	0.022	AGAT_FAICP		
			C68190	954	955.5	1.5	0.016	AGAT_FAICP		
			C68191	955.5	956.17	0.67	0.018	AGAT_FAICP		
			C68193	956.17	956.56	0.39	0.004	AGAT_FAICP		
			C68194	956.56	957	0.44	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68195	957	958.5	1.5	0.011	AGAT_FAICP		
			C68196	958.5	960	1.5	0.01	AGAT_FAICP		
			C68197	960	961.5	1.5	0.008	AGAT_FAICP		
			C68199	961.5	963	1.5	0.014	AGAT_FAICP		
			C68200	963	964.5	1.5	0.009	AGAT_FAICP		
			C68201	964.5	966	1.5	0.01	AGAT_FAICP		
			C68202	966	967.5	1.5	0.013	AGAT_FAICP		
			C68203	967.5	969	1.5	0.01	AGAT_FAICP		
			C68204	969	970.5	1.5	0.008	AGAT_FAICP		
			C68205	970.5	972	1.5	0.01	AGAT_FAICP		
			C68207	972	973.5	1.5	0.012	AGAT_FAICP		
			C68208	973.5	975	1.5	0.008	AGAT_FAICP		
			C68209	975	976.5	1.5	0.009	AGAT_FAICP		
			C68210	976.5	978	1.5	0.012	AGAT_FAICP		
			C68211	978	979.5	1.5	0.009	AGAT_FAICP		
			C68213	979.5	981	1.5	0.018	AGAT_FAICP		
			C68214	981	982.5	1.5	0.01	AGAT_FAICP		
			C68215	982.5	983.18	0.68	0.012	AGAT_FAICP		
			C68216	983.18	983.74	0.56	0.011	AGAT_FAICP		
			C68217	983.74	985	1.26	0.115	AGAT_FAICP		
			C68219	985	986.45	1.45	0.063	AGAT_FAICP		
986.45	**991.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark to light green to white/grey; fmg; lclly weak CB and CL alteration; no significant silica or potassic alteration to unit; 50-60% fmg AMP compose matrix with 4-5% mcg lighter green CPX present as well; 5-7% QZ-CB-FSP stringers cutting unit generally concordant with foliation throughout; one minor melted PEGGR veinlet from 988.56-988.80m with sharp contacts rimmed in BIO hosting no sig min; lower contact gradational as unit decreases in overall AMP abundance assuming a more FGS-type lithology	C68220	986.45	987	0.55	0.018	AGAT_FAICP		
			C68221	987	988.5	1.5	0.017	AGAT_FAICP		
			C68222	988.5	988.8	0.3	0.009	AGAT_FAICP		
			C68223	988.8	990	1.2	0.007	AGAT_FAICP		
			C68224	990	991	1	0.014	AGAT_FAICP		
			C68225	991	991.6	0.6	0.027	AGAT_FAICP		
991.60	**995.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Dark grey; fcg; mod-strong silicification; many mm-scale QZ-Cb stringers cut unit both con- and dis-cordant with foliation showing moderate SER and POT alteration halos; two minor UMD-LAMPD dykes cut unit with the first at 992.12-992.38m with upper cnct a31 b95 and lower cnct a30 b110; second UMD at 995.58-995.85m with upper cnct a33 b70 and lower cnct; pervasive potassic alteration between 993-994m; no significant sulphide mineralization	C68227	991.6	992.1	0.5	0.014	AGAT_FAICP		
			C68228	992.1	992.4	0.3	0.004	AGAT_FAICP		
			C68229	992.4	993	0.6	0.016	AGAT_FAICP		
			C68230	993	994	1	0.007	AGAT_FAICP		
			C68231	994	995.5	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
			C68233	995.5	995.85	0.35	0.009	AGAT_FAICP		
995.85	**1000.83**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark to light green to grey; fmg; weak silicification; weak patchy carb and CL alteration; banded texture and subsequent foliation defined by mm-cm scale QZ-FSP-CB veinlets cutting unit concordant to overall foliation measured lclly at 998.46m with a50 b305; 50-60% AMP composes matrix with 5-7% mcg patchy CPX throughout; moderately defined lower contact with bleached SER and SIL altered FGS at 1000.83m with a61 b314	C68234	995.85	997	1.15	0.025	AGAT_FAICP		
			C68235	997	998	1	0.016	AGAT_FAICP		
			C68236	998	999	1	0.012	AGAT_FAICP		
			C68237	999	1000	1	0.013	AGAT_FAICP		
			C68239	1000	1000.83	0.83	0.045	AGAT_FAICP		
1000.83	**1002.34**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beige to white to grey; bleached at start of interval by combination of strong SER and SILICA alteration; no remnant textures present as unit is moderately melted at top of interval; minor AMPIN towards end of interval; no significant mineralization; lower contact sharp measured at a64 b282	C68240	1000.83	1001.74	0.91	0.014	AGAT_FAICP		
			C68241	1001.74	1002.34	0.6	0.013	AGAT_FAICP		
1002.34	**1006.02**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Grey to dark grey to pinkish-grey; fmg; moderate-strong silicification; lclly melt-textured; well-developed banded texture defined by mm-cm scale QZ-CB-FSP stringers concordant with overall foliation; 1% PY hosted along BIO mineral selvages; sharp lower contact with well-developed QFP measured at a38 b295	C68242	1002.34	1003.34	1	0.008	AGAT_FAICP		
			C68243	1003.34	1004.51	1.17	0.013	AGAT_FAICP		
			C68244	1004.51	1005.5	0.99	0.012	AGAT_FAICP		
			C68245	1005.5	1006.02	0.52	0.014	AGAT_FAICP		
1006.02	**1009.00**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey to white; fcg; mod-strong silicification to whole interval; well-developed POR texture defined by angular to subrounded 1-12mm anhedral to subhedral QZ-FSP phenocrysts; 2% vffg dissem PY min throughout dominantly hosted along texture-defining phenocryst selvages; sharp lower contact with banded/foliated AMPIN measured at a46 b307	C68247	1006.02	1007	0.98	0.009	AGAT_FAICP		
			C68248	1007	1008	1	0.003	AGAT_FAICP		
			C68249	1008	1009	1	0.005	AGAT_FAICP		
1009.00	**1010.70**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark to light green; fmg; weak patchy CB and CL alteration; strong banded texture defined by succession of foliation parallel QZ-CB stringers; S1 // S0; traces of vffg dissem PY min throughout; sharp lower contact with QFP measured at a48 b306	C68250	1009	1010	1	0.013	AGAT_FAICP		
			C68251	1010	1010.7	0.7	0.013	AGAT_FAICP		
1010.70	**1011.82**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey; fcg; strongly silicified; 10-15% BIO compose matrix; 3-10mm angular/subrounded anhedral/subhedral QZ-FSP phenocrysts define well-developed POR texture; moderate	C68253	1010.7	1011.82	1.12	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		foliation defined by aforementioned BIO where S0 // S1; 1% vffg BIO-hosted PY min; sharp lower contact with AMPIN measured at a47 b305								
1011.82	**1012.20**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark green; fmg; weak patchy CL alteration; banding and subsequent foliation defined by mm-cm scale QZ-CB stringers parallel to foliation where S1 // S0; no sig min; sharp lower contact with QFP at a38 b308	C68254	1011.82	1012.2	0.38	0.003	AGAT_FAICP		
1012.20	**1012.87**	**(QFP, QV) Quartz Feldspar Porphyry, Quartz Vein, ( )** Split 65/35 interval composed of uphole POR-textured QFP and massive QV2 hosting 1% fg recrystallized AMP and BIO in vein material; QFP lith possibly a porphyritic FGS but phenocryst texture suggest QFP lith; no significant mineralization QFP or vein-hosted	C68255	1012.2	1012.55	0.35	0.121	AGAT_FAICP		
			C68256	1012.55	1012.87	0.32	0.01	AGAT_FAICP		
1012.87	**1035.56**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey to lclly pale-pinkish-grey; fcg; moderate-strong silicification; weak-moderate HALO to BND style POT and SER alteration dominantly around mm to lclly cm-scale QZ-CB-FSP stringers // to S1; S1 foliation mod-strongly defined throughout interval measured between 55-60dtca alpha and 300-320 betas (see point strucuture tab); no dominant deformation observed but moderate increase in STI giving a clotty-like texture to overall unit; one minor AMPIN dykelet from 1016.96-1017.21m with upper cnct a66 b310 and lower cnct a63 b328; no significant veining in interval; POR texture well-developed thorughout with phenocrysts ranging in size from 2-12mm showing subrounded shapes and anhedral to subhedral habits; ~10% BIO overall; traces of vffg dissem PY min throughout 0.5% overall; sharp lowe rcontact with intrusive QFP unit measured with a65 b322	C68257	1012.87	1014	1.13	0.034	AGAT_FAICP		
			C68259	1014	1015.5	1.5	0.02	AGAT_FAICP		
			C68260	1015.5	1016.9	1.4	0.011	AGAT_FAICP		
			C68261	1016.9	1017.21	0.31	0.007	AGAT_FAICP		
			C68262	1017.21	1018.5	1.29	0.01	AGAT_FAICP		
			C68263	1018.5	1020	1.5	0.013	AGAT_FAICP		
			C68264	1020	1021.5	1.5	0.012	AGAT_FAICP		
			C68265	1021.5	1023	1.5	0.01	AGAT_FAICP		
			C68267	1023	1024.5	1.5	0.011	AGAT_FAICP		
			C68268	1024.5	1026	1.5	0.01	AGAT_FAICP		
			C68269	1026	1027.5	1.5	0.008	AGAT_FAICP		
			C68270	1027.5	1029	1.5	0.007	AGAT_FAICP		
			C68271	1029	1030.5	1.5	0.005	AGAT_FAICP		
			C68273	1030.5	1032	1.5	0.005	AGAT_FAICP		
			C68274	1032	1033.5	1.5	0.006	AGAT_FAICP		
			C68275	1033.5	1035	1.5	0.007	AGAT_FAICP		
			C68276	1035	1035.56	0.56	0.003	AGAT_FAICP		
1035.56	**1036.25**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey to grey; fcg; moderately silicified; well-developed POR texture defined by 2-10mm anhedral to subhedral angular to rounded QZ-FSP phenocrysts; moderately foliated such that S1 // S0;minor 0.25% vffg dissem PY min; sharp lower contact with FGS at a57 b310	C68277	1035.56	1036.25	0.69	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1036.25	**1045.90**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Dark grey to grey to pale pinkish-grey; fcg; mod-strong silica overprinting; moderate banded/halo-style POT alteration around mm-cm scale QZ-CB-FSP stringers concordant with overall foliation measured lclly at 1038.50m with a50 b310 (S1 // S0); minor 10% AMPIN dykelets present throghout interval with sub-parallel contact angles to S1; 10-12% fmg BIO define foliation; traces of vffg dissem PY min 0.25% overall; sharp lower contact with QFP measured at a63 b314	C68279	1036.25	1037.75	1.5	0.005	AGAT_FAICP		
			C68280	1037.75	1039.25	1.5	0.004	AGAT_FAICP		
			C68281	1039.25	1040.52	1.27	0.004	AGAT_FAICP		
			C68282	1040.52	1041.06	0.54	0.003	AGAT_FAICP		
			C68283	1041.06	1042.5	1.44	0.012	AGAT_FAICP		
			C68284	1042.5	1044	1.5	0.015	AGAT_FAICP		
			C68285	1044	1045.33	1.33	0.007	AGAT_FAICP		
			C68287	1045.33	1045.9	0.57	0.041	AGAT_FAICP		
1045.90	**1047.43**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey; fcg; moderately silicified; well-developed POR texture defined by mcg anhedral to subhedral subrounded 2-12mm rounded to angular QZ-FSP phenocrysts in a BIO-rich matrix with 12-15% BIO; moderately foliated where S1 // S0; 0.25% vffg dissem PY min dominnatly BIO-hosted; sharp lower contact measured at a49 b292	C68288	1045.9	1046.8	0.9	0.005	AGAT_FAICP		
			C68289	1046.8	1047.43	0.63	0.002	AGAT_FAICP		
1047.43	**1048.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beige to pale pinkish-brown; fmg; storng silicification and moderate-strong patchy to halo-style POT alteration with minor weak SER alteration towards bottom of interval; no significant veining or structural features; no significant sulphide mineralization; sharp lower contact with AMPIN measured at a63 b295	C68290	1047.43	1048.4	0.97	0.007	AGAT_FAICP		
1048.40	**1049.54**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fmg; moderately silicified; moderate patchy POT alteration halfway through interval; foliation moderately developed measured with ~55dtca alpha; no sig min; sharp lower contact with FGS measured at a56 b262	C68291	1048.4	1049.54	1.14	0.062	AGAT_FAICP		
1049.54	**1053.19**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to light grey to pale-pink grey; fmg; moderately siliceous with moderate-strong silica overprinting with moderate POT alteration halos/bands lclly around mm-cm scale QZ-CB stirngers concordant with overall foliation measured lclly at 1050.42m with a61 b291; 1% fg to lclly mg PY min disseminated throughout interval	C68293	1049.54	1051	1.46	0.006	AGAT_FAICP		
			C68294	1051	1052.5	1.5	0.01	AGAT_FAICP		
			C68295	1052.5	1053.19	0.69	0.013	AGAT_FAICP		
1053.19	**1057.06**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beige to grey to pinkish-grey; fmg; moderatel ysilicified and moderately pervasively serecitized giving rie to beige colouration of unit; moderately melt-textured throughout; few	C68296	1053.19	1054	0.81	0.02	AGAT_FAICP		
			C68297	1054	1055.2	1.2	0.027	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		5-15cm QFP dykes cut unit sub-parallel to S1 foliation; no significant sulphide mineralization; sharp lower contact with AMPIN measured at a70 b300; upper contact inferred due to increase in SER alt	C68299	1055.2	1056	0.8	0.036	AGAT_FAICP		
			C68300	1056	1057.06	1.06	0.009	AGAT_FAICP		
1057.06	**1058.09**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Green to dark green; fmg; moderate silicification; lcl weak patchy CL alteration around CPX and Qz-CB stringers deifning overall banded texture; subsequently foliated measured with a64 b300; 0.5% fg dissem PY min; sharp lower contact with SER-altered FGS measured with a80 b300	C68301	1057.06	1058.09	1.03	0.005	AGAT_FAICP		
1058.09	**1063.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beige to grey; fmg; moderately silicified and moderately pervasively serecitized; melt-textured; weak-moderately foliated; one small 8cm scapolite-bearing AMP dyklet cuts unit at 1061.05-1061.13m; foliation measured lclly at 1058.58m with a66 b282; one QV2 hosting cg CPX in vein material from 1060.60-1060.77m; traces of fg dissem PY throughout; sharp loewr contact with QFP measured at a59 b336	C68302	1058.09	1059	0.91	0.006	AGAT_FAICP		
			C68303	1059	1060.5	1.5	0.014	AGAT_FAICP		
			C68304	1060.5	1060.8	0.3	0.014	AGAT_FAICP		
			C68305	1060.8	1062	1.2	0.016	AGAT_FAICP		
			C68307	1062	1063	1	0.01	AGAT_FAICP		
1063.00	**1063.73**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey; fcg; moderately silicified; moderately foliated parallel to S0; well-developed POR texture defined by 2-12mm subrounded to angular subhedral to anhedral Qz-FSP phenocrysts; 10-15% BIO define matrix; 0.5% fg dissem PY min dominantly BIO-hosted; sharp lower contact measured at a80 b300	C68308	1063	1063.73	0.73	0.053	AGAT_FAICP		
1063.73	**1068.51**	**(FGS) Felsic Gneiss Sedimentary, ( )** Beige to grey to lclly pink; fmg; moderately silicified with moderate pervasive serecite alteration to whole of interval; minor mm-scale QZ-CB stringers cut unit sub-parallel to core axis showing moderate POT alteration halos; foliation moderate measured lclly at 1068.80m with a64 b291; 8-10% fmg BIO throughout; no sig min; inferred lower contact with siliecous and serecite-altered FGS	C68309	1063.73	1064.73	1	0.015	AGAT_FAICP		
			C68310	1064.73	1066	1.27	0.017	AGAT_FAICP		
			C68311	1066	1067.5	1.5	0.021	AGAT_FAICP		
			C68313	1067.5	1068.51	1.01	0.014	AGAT_FAICP		
1068.51	**1074.76**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to pale-grey to smokey-grey; fmg; strong silicification and siliceous nature to interval defined by stockwork-like style of QZ vening/flooding intruding host FGS unit; 5-7% fmg dissem AMP and 1-2% mg patchy CPX present amongst siliceous intervals; sharp increase in sulphide mineralization as well with PY 3% and PO 0.5-1% fmg dissem to lclly patchy; weak POT alteration halos around well-defined veinlets; one moderately defined FOD-AX1 feature at 1074.46m with axis plunging 26 towards 066; inferred lower contact due to decrease in silica and sulphide mineralization	C68314	1068.51	1069.5	0.99	0.021	AGAT_FAICP		
			C68315	1069.5	1070.5	1	0.02	AGAT_FAICP		
			C68316	1070.5	1071.5	1	0.035	AGAT_FAICP		
			C68317	1071.5	1072.5	1	0.027	AGAT_FAICP		
			C68319	1072.5	1073.5	1	0.056	AGAT_FAICP		
			C68320	1073.5	1074.76	1.26	0.026	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1074.76	**1077.96**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fcg; moderate-strong silicification and weak-moderate patchy to banded/halo style SER and POT alteration (POT >>> SER); foliation moderate-strong measured lclly at 1077.67m with a68 b300; 0.25-0.50% vffg dissem PY min throughout; sharp lower contact with cg QFP measured at a68 b296 (sub-parallel to foliation)	C68321	1074.76	1076	1.24	0.011	AGAT_FAICP		
			C68322	1076	1077	1	0.013	AGAT_FAICP		
			C68323	1077	1077.96	0.96	0.028	AGAT_FAICP		
1077.96	**1078.77**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey; fcg; moderately silicified; moderately-developed POR texture defined by mcg angular to subrounded 1-10mm subhedral to anhedral QZ-FSP phenocrysts; 15-17% BIO composes matrix; weak lcl SER alt halos around mm-scale QZ-CB stringers discordant to foliation; 0.5% fg dissem PY min; sharp lower contact measured at a58 b300	C68324	1077.96	1078.77	0.81	0.023	AGAT_FAICP		
1078.77	**1086.00**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Grey to dark grey to beige; fmg; moderate-strong silicification pervasive and weak-moderate patchy to lclly moderate-strongly pervasive SER alteraiton; weak POT alt halos around QZ-CB stirngers; one minor AMP intrusive unit at 1079.18-1079.51m with upper cnct a47 b314 and lower cnct a74 b334; bleached between 1079.5-1083m with strong SER alteration; 2% MUSC towards lower contact with green UMD intrusive; minor 0.5-1% vffg dissem PY min throughout interval not exlusive to any unit; sharp lower contact measured at a16 b282	C68325	1078.77	1079.18	0.41	0.013	AGAT_FAICP		
			C68327	1079.18	1079.51	0.33	0.02	AGAT_FAICP		
			C68328	1079.51	1080.54	1.03	0.181	AGAT_FAICP		
			C68329	1080.54	1080.9	0.36	0.004	AGAT_FAICP		
			C68330	1080.9	1081.88	0.98	0.006	AGAT_FAICP		
			C68331	1081.88	1082.5	0.62	0.012	AGAT_FAICP		
			C68333	1082.5	1082.8	0.3	0.007	AGAT_FAICP		
			C68334	1082.8	1084	1.2	0.009	AGAT_FAICP		
			C68335	1084	1085	1	0.019	AGAT_FAICP		
			C68336	1085	1086	1	0.006	AGAT_FAICP		
1086.00	**1087.57**	**(UMD) UM\LAMP Dike, ( )** Green to yellow-green; fmg; strong CL and SER alteration; no significant sulphide mineralization; sharp contacts with no major alteration halos; lower contact sharp measured at a20 b282	C68337	1086	1086.75	0.75	0.002	AGAT_FAICP		
			C68339	1086.75	1087.57	0.82	0.003	AGAT_FAICP		
1087.57	**1105.47**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey to lclly beige; mcg; moderately silicified; moderate patchy SER alteration; coarser-grained FGS compared to previous intervals as POR-texture not really well-developed; foliation still moderately present measured lclly at 1089.16m with a63 b294; few sections of increased BIO abundance 14-15% lclly (7-8% overall); lcl increase in AMP abundance 15-20% lclly between 1098.34-1098.67m; traces of vffg dissem PY min throughout 0.25-0.50% overall	C68340	1087.57	1089	1.43	0.003	AGAT_FAICP		
			C68341	1089	1090.5	1.5	0.006	AGAT_FAICP		
			C68342	1090.5	1092	1.5	0.011	AGAT_FAICP		
			C68343	1092	1093.5	1.5	0.025	AGAT_FAICP		
			C68344	1093.5	1095	1.5	0.03	AGAT_FAICP		
			C68345	1095	1096.47	1.47	0.041	AGAT_FAICP		
			C68347	1096.47	1097.93	1.46	0.024	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68348	1097.93	1098.34	0.41	0.024	AGAT_FAICP		
			C68349	1098.34	1098.67	0.33	0.013	AGAT_FAICP		
			C68350	1098.67	1099.2	0.53	0.048	AGAT_FAICP		
			C68351	1099.2	1100	0.8	0.06	AGAT_FAICP		
			C68353	1100	1101	1	0.033	AGAT_FAICP		
			C68354	1101	1102	1	0.025	AGAT_FAICP		
			C68355	1102	1103	1	0.032	AGAT_FAICP		
			C68356	1103	1104	1	0.024	AGAT_FAICP		
			C68357	1104	1105.47	1.47	0.162	AGAT_FAICP		
1105.47	**1109.68**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Dark green to light green; weak patchy CL alteration; weakly lclly POR texured defined by angular CB and EP phenocrysts; foliation moderate-strong measured lclly at 1108.55m with a64 b297; lcl mustard-yellow rutile clots between 1106.40-1106.60m; 25-30% AMP; 8-10% BIO; minor 0.5% fg dissem PY min	C68359	1105.47	1106.5	1.03	0.033	AGAT_FAICP		
			C68360	1106.5	1108	1.5	0.288	AGAT_FAICP		
			C68361	1108	1109	1	0.161	AGAT_FAICP		
			C68362	1109	1109.68	0.68	0.017	AGAT_FAICP		
1109.68	**1120.91**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to lclly dark grey; mcg; moderate silicification; weak-moderate patchy POT alteration lclly showing as halos around mm-scale QZ-CB stringers; 8-10% BIO define moderate foliation measured lclly at 1118.44m with a67 b285; 3-4% fmg dissem AMP throughout unit lclly defining FOL with BIO; lclly higher concentrations of AMP up to 10% and with increase in AMP comes an increase in PY min (3-4% lclly); one FOD-AX1 feature observed at 1119.52m plunging 30 towards 051; overall 2% vffg dissem to lclly patchy PY min	C68363	1109.68	1110.5	0.82	0.005	AGAT_FAICP		
			C68364	1110.5	1111.5	1	0.015	AGAT_FAICP		
			C68365	1111.5	1112.5	1	0.041	AGAT_FAICP		
			C68367	1112.5	1113.5	1	0.03	AGAT_FAICP		
			C68368	1113.5	1114.5	1	0.019	AGAT_FAICP		
			C68369	1114.5	1115.5	1	0.02	AGAT_FAICP		
			C68370	1115.5	1116.5	1	0.013	AGAT_FAICP		
			C68371	1116.5	1117.5	1	0.024	AGAT_FAICP		
			C68373	1117.5	1118.5	1	0.013	AGAT_FAICP		
			C68374	1118.5	1119.5	1	0.012	AGAT_FAICP		
			C68375	1119.5	1120.91	1.41	0.016	AGAT_FAICP		
1120.91	**1121.45**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey; mcg; moderate silicification; well-developed POR texture defined by subrounded 2-8mm anhedral QZ-FSP phenocryts with 15-17% BIO defining matrix; 2% vffg dissem PY min; sharp upper and lower contacts	C68376	1120.91	1121.45	0.54	0.014	AGAT_FAICP		
1121.45	**1127.82**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )**	C68377	1121.45	1122.5	1.05	0.018	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 lclly green; mcg; moderate silicification with weak POT and SER halos around mm-cm scale QZ-CB stringers generally concordant with overall foliation; one massive QV2 with 5% cg Kspar entrained in vein material between 1125.06-1125.26m with upper cnct a75 b271 and lower cnct a68 b280; AMPIN between 1125.81-1126.31m with parallel foliation as in FGS unit; 1% vffg dissem PY min throughout	C68379	1122.5	1123.5	1	0.015	AGAT_FAICP		
			C68380	1123.5	1124.5	1	0.016	AGAT_FAICP		
			C68381	1124.5	1125	0.5	0.044	AGAT_FAICP		
			C68382	1125	1125.3	0.3	0.012	AGAT_FAICP		
			C68383	1125.3	1125.81	0.51	0.016	AGAT_FAICP		
			C68384	1125.81	1126.32	0.51	0.008	AGAT_FAICP		
			C68385	1126.32	1127.82	1.5	0.009	AGAT_FAICP		
1127.82	**1128.83**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated** White to pink; mcg; weakly pgm-textured defined by 7-8% mcg kspar included in vein-material; traces of cg BIO in vein material; 15% FGS at top of interval hosts trace amts (overall) of PY min; sharp contacts	C68387	1127.82	1128.83	1.01	0.007	AGAT_FAICP		
1128.83	**1131.92**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to lclly dark grey; mcg; weakly porphyritic but moreso coarse-grained defined by 2-10mm sized QZ-FSP phenocrysts; 8-10% BIO defines moderate foliation measured lclly at 1129.34 with a68 b286; 1% vffg dissem PY min; moderately defined lower contact with AMPIN	C68388	1128.83	1130	1.17	0.012	AGAT_FAICP		
			C68389	1130	1131	1	0.011	AGAT_FAICP		
			C68390	1131	1131.92	0.92	0.034	AGAT_FAICP		
1131.92	**1132.62**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Red to green; fmg; moderately-strongly POT altered; weakly brecciated around melt-textured PEG intrusive; weak CARB alteration proximal to melt-textued PEG and minor BX textures; no sig min; sharp lower contacts	C68391	1131.92	1132.62	0.7	0.036	AGAT_FAICP		
1132.62	**1140.29**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Grey to pinkish-grey to lclly dark grey; lclly green due to local increase in AMP abundance; moderate silicification and weak-moderate patchy to halo-style POT and SER alteration around lcl mm-cm scale Qz-CB-FSP stringers cutting unit parallel to sub-parallel to foliation; foliation in FGS moderate measured lclly at 1138.62m with a61 b291; AMP-rich interval between 1136.40-1136.76m; 2% vffg dissem PY min throughout	C68393	1132.62	1134	1.38	0.007	AGAT_FAICP		
			C68394	1134	1135.5	1.5	0.006	AGAT_FAICP		
			C68395	1135.5	1136.4	0.9	0.009	AGAT_FAICP		
			C68396	1136.4	1136.76	0.36	0.009	AGAT_FAICP		
			C68397	1136.76	1138	1.24	0.011	AGAT_FAICP		
			C68399	1138	1139	1	0.011	AGAT_FAICP		
			C68400	1139	1140	1	0.009	AGAT_FAICP		
1140.29	**1163.26**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C68401	1140	1141	1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Continuation of uphole FGS - Dark grey to grey to lclly pinkish-grey; overall mcg with 10-12% fmg BIO deifning moderate-strong foliation throughout with average alpha angles ~65dtca; weakly banded towards top of interval defined by cm-scale melt-textured PEG veinlets concordant with foliation; CG POR-texutred QFP/FGS between 1143.74-1144.16m with sharp contacts; increase in AMP 30-35% between 1145.62-1146m; overall increase in AMP and CPX to ~3-4% fmg patchy to dissem from 1156m to end of interval; lcl 10-15cm sections of CG POR-textured FGS; sulphide mineralization increases downhole; 3-4% vffg dissem PY min overall; sharp lower contact with lower PEG		C68402	1141	1142	1	0.008	AGAT_FAICP		
			C68403	1142	1143	1	0.006	AGAT_FAICP		
			C68404	1143	1143.74	0.74	0.012	AGAT_FAICP		
			C68405	1143.74	1144.16	0.42	0.004	AGAT_FAICP		
			C68407	1144.16	1144.74	0.58	0.023	AGAT_FAICP		
			C68408	1144.74	1145.05	0.31	0.011	AGAT_FAICP		
			C68409	1145.05	1145.62	0.57	0.028	AGAT_FAICP		
			C68410	1145.62	1146	0.38	0.025	AGAT_FAICP		
			C68411	1146	1147	1	0.005	AGAT_FAICP		
			C68413	1147	1148	1	0.009	AGAT_FAICP		
			C68414	1148	1149	1	0.013	AGAT_FAICP		
			C68415	1149	1150	1	0.017	AGAT_FAICP		
			C68416	1150	1151	1	0.013	AGAT_FAICP		
			C68417	1151	1152	1	0.021	AGAT_FAICP		
			C68419	1152	1153	1	0.012	AGAT_FAICP		
			C68420	1153	1154	1	0.014	AGAT_FAICP		
			C68421	1154	1155	1	0.019	AGAT_FAICP		
			C68422	1155	1156	1	0.044	AGAT_FAICP		
			C68423	1156	1157	1	0.046	AGAT_FAICP		
			C68424	1157	1158	1	0.042	AGAT_FAICP		
			C68425	1158	1159	1	0.024	AGAT_FAICP		
			C68427	1159	1160.1	1.1	0.027	AGAT_FAICP		
			C68428	1160.1	1160.5	0.4	0.018	AGAT_FAICP		
			C68429	1160.5	1161.5	1	0.022	AGAT_FAICP		
			C68430	1161.5	1162.5	1	0.017	AGAT_FAICP		
			C68431	1162.5	1163.26	0.76	0.012	AGAT_FAICP		
1163.26	**1165.00**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C68433	1163.26	1164	0.74	0.007	AGAT_FAICP		
Pink; fmg; weak local patchy HE alteration to melt-textured KF defining bulk of unit; 2-3% fmg dissem to lclly patchy BIO mineralization defines weak-moderate PGM texture; traces of mg dissem PY min towards lower contact			C68434	1164	1165	1	0.003	AGAT_FAICP		
1165.00	**1165.87**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C68435	1165	1165.38	0.38	0.015	AGAT_FAICP		
Split 50/50 interval composed of weakly foliated silicified and weakly serecitized FGS and melt-textured weakly hematitically altered melt-textured PEGGR; no sig min; sharp lower			C68436	1165.38	1165.87	0.49	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
contact										
1165.87	**1167.33**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey; fmg; moderately silicified; moderately foliated measured with a65dtca; 1% vffg dissem PY min; sharp lower contact	C68437	1165.87	1167.33	1.46	0.015	AGAT_FAICP		
1167.33	**1170.08**	**(QFP) Quartz Feldspar Porphyry, ( )** Dark grey to white; fcg; moderate patchy to banded SER alteration; mature POR texture defined by angular to subrounded QZ-FSP phenocrysts amidst a BIO-rich matrix omposed of 15-17% BIO; 0.5% vffg dissem PY min; sharp lower contact	C68439	1167.33	1168.5	1.17	0.008	AGAT_FAICP		
			C68440	1168.5	1169.5	1	0.006	AGAT_FAICP		
			C68441	1169.5	1170.08	0.58	0.007	AGAT_FAICP		
1170.08	**1172.64**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey; fmg; moderately silicified and lclly moderately patchy; trace to weakly present QZE texture; stockwork-like style of SER stringers cutting unit towards bottom of interval and lower contact with PEGGR; no significant sulphide mineralization	C68442	1170.08	1171	0.92	0.007	AGAT_FAICP		
			C68443	1171	1172	1	0.004	AGAT_FAICP		
			C68444	1172	1172.64	0.64	0.022	AGAT_FAICP		
1172.64	**1179.77**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink to grey to lclly smokey grey; cvcg to lclly fg; melt-textured throughout; moderate pgm texture defined by included 4-5% dissem to aggregated biotite; PEGQG-type material between 1174.7-1175.2m with smokey-grey strained QZ; traces of fg dissem PY min 0.25% overall; sharp lower contact	C68445	1172.64	1173.35	0.71	0.045	AGAT_FAICP		
			C68447	1173.35	1174.7	1.35	0.013	AGAT_FAICP		
			C68448	1174.7	1175.2	0.5	0.009	AGAT_FAICP		
			C68449	1175.2	1176	0.8	0.002	AGAT_FAICP		
			C68450	1176	1177	1	0.014	AGAT_FAICP		
			C68451	1177	1178	1	0.004	AGAT_FAICP		
			C68453	1178	1179	1	0.018	AGAT_FAICP		
			C68454	1179	1179.48	0.48	0.003	AGAT_FAICP		
			C68455	1179.48	1179.78	0.3	0.009	AGAT_FAICP		
1179.77	**1181.94**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey; fcg; moderately silicified with weak SER alteration halos around mm-scale CB stringers cutting unit discordant with foliation; foliation moderate and measured lclly at 1180.15m with a60 b270; one FOD-AX1 measured at 1179.3m plunging 27 towards 342; FOD feature is a tight/isoclinal F1 fold affecting a 2cm melt-textured QZ-FSP veinlet with no obvious asymmetry or fold vergeance; AP1 sub-parallel to S1 foliation; moderately developed POR texture between 1180.42-1181.94m defined by 2-7mm sized subrounded QZ-FSP phenocrsyts; 12-13% BIO composes matrix; 0.5% vffg dissem PY min; sharp lower contact	C68456	1179.78	1180.42	0.64	0.005	AGAT_FAICP		
			C68457	1180.42	1181	0.58	0.006	AGAT_FAICP		
			C68459	1181	1181.94	0.94	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1181.94	**1182.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink to reddish-pink; mcg; melt-textured; 1% mg dissem BIO entrained in vein materail; 10% QZ 90% FSP; sharp lower contact	C68460	1181.94	1182.4	0.46	0.004	AGAT_FAICP		
1182.40	**1187.00**	**(AMP) Amphibolite, ( )** Green; fmg; moderately silicified; weak patchy CL alteration; silicification gives rise to increase in fmg dissem PY and lclly PO min; 3% vffg to lclly fmg dissem PY min and 0.5-1% PO min appearing similarly to PY min; no lines on core to grab beta angles; lower contact sharp measured with alpha ~40dtca	C68461	1182.4	1183	0.6	0.011	AGAT_FAICP		
			C68462	1183	1184	1	0.05	AGAT_FAICP		
			C68463	1184	1185	1	0.054	AGAT_FAICP		
			C68464	1185	1186	1	0.049	AGAT_FAICP		
			C68465	1186	1187	1	0.031	AGAT_FAICP		
1187.00	**1189.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink to lclly grey to lclly red; mcg; melt-textured; 1% mg dissem BIO entrained in vein material; weak lcl patchy HE alteration; no sig min; sharp upper and lower contacts	C68467	1187	1188	1	0.009	AGAT_FAICP		
			C68468	1188	1189.3	1.3	0.015	AGAT_FAICP		
1189.30	**1194.40**	**(AMP) Amphibolite, ( )** Green; fmg; massive-textured; lcl banded moderate SER alteration; lcl siliceous intervals closely resembling MAM-lithos; 2% fmg PY dissem and lclly wispy and stringer-hosted	C68469	1189.3	1190.8	1.5	0.041	AGAT_FAICP		
			C68470	1190.8	1192.3	1.5	0.054	AGAT_FAICP		
			C68471	1192.3	1192.83	0.53	0.024	AGAT_FAICP		
			C68473	1192.83	1193.13	0.3	0.056	AGAT_FAICP		
			C68474	1193.13	1194.4	1.27	0.071	AGAT_FAICP		
1194.40	**1195.36**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Pink; mcg; moderately melt-texutred; weakly pgm textured defined by 1% mcg dissem BIO entrained in vein-material; no sig min; sharp upper and lower contacts	C68475	1194.4	1195.36	0.96	0.011	AGAT_FAICP		
1195.36	**1202.88**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Split 80/20 interval composed of moderately foliated BIO-rich FGS and melt-textured pink and white folded PEGGR veins; alphas of PEG veins suggest a larger open/moderate fold-component to series of cyclic veins or succession of extensional/tensional veins; moderately foliated in FGS intervals measured lclly with a48 b288; 1% fg dissem PY min hosted exlusively in FGS-intervals; 12-13% BIO; veins composed of ~80% FSP 20% QZ	C68476	1195.36	1195.72	0.36	0.004	AGAT_FAICP		
			C68477	1195.72	1196.03	0.31	0.014	AGAT_FAICP		
			C68479	1196.03	1197	0.97	0.011	AGAT_FAICP		
			C68480	1197	1197.5	0.5	0.011	AGAT_FAICP		
			C68481	1197.5	1197.95	0.45	0.012	AGAT_FAICP		
			C68482	1197.95	1199.14	1.19	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68483	1199.14	1200	0.86	0.012	AGAT_FAICP		
			C68484	1200	1200.7	0.7	0.012	AGAT_FAICP		
			C68485	1200.7	1202	1.3	0.017	AGAT_FAICP		
			C68487	1202	1202.88	0.88	0.017	AGAT_FAICP		
1202.88	**1203.86**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C68488	1202.88	1203.86	0.98	0.005	AGAT_FAICP		
Pink; fcg; melt-textured and weakly lclly HE altered; 85% FSP (dominantly KF) 14% QZ 1% BIO; sharp lower contact measured at a63 b177										
1203.86	**1209.87**	**(AMP) Amphibolite, ( )**	C68489	1203.86	1205	1.14	0.024	AGAT_FAICP		
Green; fmg; weak silica overprintng and weak patchy CL alteration; overall massive-textured with one FOD-AX2/AP2 described at a closed F2 fold open to the SE with no obvious asymmetry or vergeance; AX2 calculated from upper and lower contacts alpha/beta measurements; 1% fg dissem PY min; sharp lower contact with UMD-LAMPD			C68490	1205	1206	1	0.025	AGAT_FAICP		
			C68491	1206	1207	1	0.047	AGAT_FAICP		
			C68493	1207	1208	1	0.028	AGAT_FAICP		
			C68494	1208	1209	1	0.018	AGAT_FAICP		
			C68495	1209	1209.87	0.87	0.025	AGAT_FAICP		
1209.87	**1211.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68496	1209.87	1210.87	1	0.002	AGAT_FAICP		
Dark grey; fmg; no significant alteration or mineralization; weakly porphyritic/amygule textured defined by angular CB grains disseminated thoughout			C68497	1210.87	1211.5	0.63	0.002	AGAT_FAICP		
1211.50	**1214.12**	**(AMP) Amphibolite, ( )**	C68499	1211.5	1212	0.5	0.038	AGAT_FAICP		
Green; fmg; weak silicification and patchy chlorite alteration; few mm-cm scale CB stringers cut unit at random intervals/angles to core axis; unit moderately massive with no prominently defined texture; 1% fg dissem PY min			C68500	1212	1212.5	0.5	0.082	AGAT_FAICP		
			C68501	1212.5	1213.5	1	0.062	AGAT_FAICP		
			C68502	1213.5	1214.12	0.62	0.089	AGAT_FAICP		
1214.12	**1219.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68503	1214.12	1215	0.88	0.103	AGAT_FAICP		
Grey to dark grey to white; fcg; moderately silicified; weak banded SER and POT alteration lclly around cm-scale veinlets; unit described in past as DIOAM due to 4-5% irridescent labradorite composition; 10-12% fmg AMP and 7-8% BIO; generally massive with a weakly develeoped POR texture defined by angular/anhedral QZ-FSP grains; 2% to lcly 4-5% fmg dissem PY min throughout			C68504	1215	1216	1	0.059	AGAT_FAICP		
			C68505	1216	1217	1	0.017	AGAT_FAICP		
			C68507	1217	1218	1	0.01	AGAT_FAICP		
			C68508	1218	1219	1	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1219.00	**1220.00**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**	C68509	1219	1220	1	0.005	AGAT_FAICP		
		FGS as described between 1211.5-1214.12m with 50% of unit composed of a snot/olive-green parallel-to-core-axis UMD cutting throughout entirety of interval; inferred upper and lower contacts to break out this split unit; 1% PY min overall								
1220.00	**1242.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68510	1220	1221	1	0.008	AGAT_FAICP		
		Grey to dark grey to white; fcg; moderately silicified; weak banded SER and POT alteration lclly around cm-scale veinlets; unit described in past as DIOAM due to 4-5% irridescent labradorite composition; 10-12% fmg AMP and 7-8% BIO; generally massive with a weakly develeoped POR texture defined by angular/anhedral QZ-FSP grains; 2% to lcly 4-5% fmg dissem PY min throughout	C68511	1221	1221.51	0.51	0.003	AGAT_FAICP		
			C68513	1221.51	1221.83	0.32	0.002	AGAT_FAICP		
			C68514	1221.83	1223	1.17	0.011	AGAT_FAICP		
			C68515	1223	1224	1	0.036	AGAT_FAICP		
			C68516	1224	1225	1	0.056	AGAT_FAICP		
			C68517	1225	1226	1	0.106	AGAT_FAICP		
			C68519	1226	1227	1	0.064	AGAT_FAICP		
			C68520	1227	1228	1	0.02	AGAT_FAICP		
			C68521	1228	1229	1	0.03	AGAT_FAICP		
			C68522	1229	1230	1	0.045	AGAT_FAICP		
			C68523	1230	1231	1	0.105	AGAT_FAICP		
			C68524	1231	1232	1	0.019	AGAT_FAICP		
			C68525	1232	1233	1	0.02	AGAT_FAICP		
			C68527	1233	1234	1	0.015	AGAT_FAICP		
			C68528	1234	1235	1	0.017	AGAT_FAICP		
			C68529	1235	1236	1	0.016	AGAT_FAICP		
			C68530	1236	1237	1	0.013	AGAT_FAICP		
			C68531	1237	1238	1	0.01	AGAT_FAICP		
			C68533	1238	1239	1	0.019	AGAT_FAICP		
			C68534	1239	1240	1	0.017	AGAT_FAICP		
			C68535	1240	1241.25	1.25	0.031	AGAT_FAICP		
			C68536	1241.25	1241.65	0.4	0.157	AGAT_FAICP		
1242.00	**1248.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68537	1241.65	1243	1.35	0.071	AGAT_FAICP		
		Grey to dark grey to lclly green; fcg; moderate-strong silica overprinting and weak lcl patchy SER alteration; unit moderately siliceous thoughout with many tightly folded veinlets and multiple 10-20cm intervals of siliceous AMP and PY rich material; 7-8% BIO 10-12% AMP 5-7% fmg PY 1% PO 5% CPX 5% Labradorite; open F2 folding appearing wavy throughout interval with one good FOD-AX2/AP2 measured at 1244.27m with AX2 plunging 30 towards 066 and AP2 parallel to S1 measured at a67 b286; lower contact gradational with SER + POT altered PEG vein	C68539	1243	1244	1	0.119	AGAT_FAICP		
			C68540	1244	1245	1	0.087	AGAT_FAICP		
			C68541	1245	1246	1	0.192	AGAT_FAICP		
			C68542	1246	1247	1	0.11	AGAT_FAICP		
			C68543	1247	1248	1	0.056	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68544	1248	1248.8	0.8	0.112	AGAT_FAICP		
1248.80	**1249.77**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Beige; fcg; melt-textured with strong SER and POT alteration overprinting any remnant textures that may be present; no significant mineralization; upper contact diffuse/gradational and lower contact sharp	C68545	1248.8	1249.77	0.97	0.047	AGAT_FAICP		
1249.77	**1268.41**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey to dark grey; fmg; moderately siicified with weak patchy SER alteration lclly; trace POT alteration halos around QZ-FSP stringers; few cm-scale melt-textured granitic pegmatite veinlets throughout; weak-moderately foliated throughout lclly measured at 1258.13m with a64 b300; 5-7% labradorite disseminated throughout fmg; 10% BIO and 12-15% AMP; 2% vffg dissem PY min throughout	C68547	1249.77	1250.77	1	0.024	AGAT_FAICP		
			C68548	1250.77	1251.5	0.73	0.023	AGAT_FAICP		
			C68549	1251.5	1252.01	0.51	0.021	AGAT_FAICP		
			C68550	1252.01	1253	0.99	0.012	AGAT_FAICP		
			C68551	1253	1254	1	0.011	AGAT_FAICP		
			C68553	1254	1254.38	0.38	0.031	AGAT_FAICP		
			C68554	1254.38	1255	0.62	0.032	AGAT_FAICP		
			C68555	1255	1256	1	0.013	AGAT_FAICP		
			C68556	1256	1257	1	0.011	AGAT_FAICP		
			C68557	1257	1258.02	1.02	0.013	AGAT_FAICP		
			C68559	1258.02	1259	0.98	0.024	AGAT_FAICP		
			C68560	1259	1260	1	0.021	AGAT_FAICP		
			C68561	1260	1261	1	0.031	AGAT_FAICP		
			C68562	1261	1262	1	0.014	AGAT_FAICP		
			C68563	1262	1263	1	0.014	AGAT_FAICP		
			C68564	1263	1264	1	0.014	AGAT_FAICP		
			C68565	1264	1265	1	0.007	AGAT_FAICP		
			C68567	1265	1266	1	0.004	AGAT_FAICP		
			C68568	1266	1267	1	0.026	AGAT_FAICP		
			C68569	1267	1268.41	1.41	0.02	AGAT_FAICP		
1268.41	**1268.78**	**(AMP) Amphibolite, ( )** Green; fmg; weakly foliated; one mm-scale CB stringer parallel to S1 with moderate SER alteration halo; no sig min; sharp lower contact	C68570	1268.41	1268.78	0.37	0.017	AGAT_FAICP		
1268.78	**1270.26**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; moderately silicified; 5-7% labradorite characterizes interval; same FGS units as	C68571	1268.78	1270.22	1.44	0.062	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
logged above with less PY min overall (1%) and no significant SER or POT alteration; lower contact with AMP sharp measured at a69 b288										
1270.26	**1270.93**	**(AMP) Amphibolite, ( )** Green; fmg; massive-textured; one FOD-AX2/AP2 observed as a refolded F1 fold with AP1/AP2 co-axial and no obvious asymmetry; sample cut for core library between 1270.22-1270.50m; no significant sulphide mineralization; sharp lower contact with FGS	C68573	1270.22	1270.83	0.61	0.072	AGAT_FAICP		
1270.93	**1271.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** Grey; fmg; same FGS as uphole with 5-7% labradorite and 10-12% AMP defining a weak foliation; 1% vffg dissem PY min; sharp lower contact with AMP	C68574	1270.83	1271.24	0.41	0.018	AGAT_FAICP		
1271.24	**1272.23**	**(AMP) Amphibolite, ( )** Green; fmg; massive-textured with no significant alteration or veining; few mm-scale CB stringers cut unit irregularly; sharp lower contact with UMD-LAMPD measured at a47 b305	C68575	1271.24	1272.23	0.99	0.006	AGAT_FAICP		
1272.23	**1275.55**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Brown to olive-green to beige; moderate SER alteration; moderately XNL defined by 5-8mm subrounded RIE/FSP grains; no significant mineralization; sharp lower contact at low angle to core axis	C68576	1272.23	1273	0.77	0.003	AGAT_FAICP		
			C68577	1273	1274	1	0.002	AGAT_FAICP		
			C68579	1274	1275	1	0.002	AGAT_FAICP		
			C68580	1275	1275.55	0.55	0.013	AGAT_FAICP		
1275.55	**1301.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey; coarse-grained FGSBI with 10-12% BIO and 10-12% AMP defining moderate foliation measured lclly with a69 b308 and again with a65 b280; 5-7% fmg labradorite disseminated throughout interval; weak banded texture defined by cm-scale QZ-CB-FSP veinlets generally cutting unit parallel to S1 foliation; one small AMP dyklet cut unit sub-parallel to S1 with upper contact a60 b290 from 1282.30-1282.74m showing consistent S1 fabric with host FGS; 1% vffg dissem PY min throughout.	C68581	1275.55	1276	0.45	0.012	AGAT_FAICP		
			C68582	1276	1277	1	0.03	AGAT_FAICP		
			C68583	1277	1278	1	0.015	AGAT_FAICP		
			C68584	1278	1279	1	0.006	AGAT_FAICP		
			C68585	1279	1280	1	0.005	AGAT_FAICP		
			C68587	1280	1281	1	0.005	AGAT_FAICP		
			C68588	1281	1282.3	1.3	0.01	AGAT_FAICP		
			C68589	1282.3	1282.74	0.44	0.036	AGAT_FAICP		
			C68590	1282.74	1284	1.26	0.027	AGAT_FAICP		
			C68591	1284	1285	1	0.017	AGAT_FAICP		
			C68593	1285	1286	1	0.041	AGAT_FAICP		
			C68594	1286	1287	1	0.407	AGAT_FAICP		
			C68595	1287	1288	1	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68596	1288	1289	1	0.022	AGAT_FAICP		
			C68597	1289	1290	1	0.025	AGAT_FAICP		
			C68599	1290	1290.3	0.3	0.02	AGAT_FAICP		
			C68600	1290.3	1291	0.7	0.013	AGAT_FAICP		
			C68601	1291	1292	1	0.079	AGAT_FAICP		
			C68602	1292	1293	1	0.021	AGAT_FAICP		
			C68603	1293	1294	1	0.035	AGAT_FAICP		
			C68604	1294	1295	1	0.008	AGAT_FAICP		
			C68605	1295	1296	1	0.009	AGAT_FAICP		
			C68607	1296	1297	1	0.018	AGAT_FAICP		
			C68608	1297	1298	1	0.019	AGAT_FAICP		
			C68609	1298	1299	1	0.026	AGAT_FAICP		
			C68610	1299	1300	1	0.015	AGAT_FAICP		
			C68611	1300	1301	1	0.015	AGAT_FAICP		
			C68613	1301	1301.6	0.6	0.043	AGAT_FAICP		
1301.60	**1303.16**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** AMP-UM; dark green (Amp); medium green (tremolite?); fg-mg; common black mg Bt porphyroblasts and clasts // S1; moderately to locally strongly foliated; non magnetic; tr. Py.	C68614	1301.6	1302.6	1	0.037	AGAT_FAICP		
			C68615	1302.6	1303.16	0.56	0.033	AGAT_FAICP		
1303.16	**1303.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small PEG-GR; light grey (Fp); dark grey (smokey Qz); massive; cg-vcg; pegmatitic; some vcg Amp and Bt; tr. Py+Po; slightly oblique to S1.	C68616	1303.16	1303.5	0.34	0.027	AGAT_FAICP		
1303.50	**1304.13**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite** Continuity of AMP-UM unit above PEG-GR. Dark green (Amp); medium green (tremolite?); fg-mg; common black mg Bt porphyroblasts and clasts // S1; moderately foliated; non magnetic; tr. Py; 10cm wide sleever of FGS-mg tightly F1-folded near lower contact. Some mustard yellow Ilmenite-rich altered haloes around late QzCb veinlets.	C68617	1303.5	1304.13	0.63	0.021	AGAT_FAICP		
1304.13	**1306.66**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS-Amp fg-mg is similar to large FGS-Amp unit uphole (1275.55-1301.6m); as a finer detrital unit progressively grading into obvious conglomerate downhole. Medium grey; slightly green (10% fg Amp); 7% Bt; fg-mg; mod. foliated; some Amp-rich bands // S1 (compositional layering); some QzFp veinlets // S1; locally tightly folded (AP1 // S1); tr. Py+Po+Ilm (mustard yellow); rare late strong green Cb veinlets.	C68619	1304.13	1305.13	1	0.106	AGAT_FAICP		
			C68620	1305.13	1306.13	1	0.028	AGAT_FAICP		
			C68621	1306.13	1306.66	0.53	0.116	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1306.66	**1315.85**	**(FGC) Felsic Gneiss Conglomerate, ( )** Polymictic conglomerate; grey; fg with local mg levels (Amp); strongly banded // S1; strongy foliated; abundant felsic (locally mafic) clasts strongly flattened // S1 and stretched // L1. Common medium green Cpx patches (with depletion haloes); overall 10% Amp as diss. blades in matrix and as thin bands or clasts. Some QzFp veinlets // S1; some thin QzPoPy veinlets and pods; locally asymmetrically sheared (top to the SE = dextral; see structures). Local close F2 fold affecting S0//S1. Overall 0.5% Po+Py as diss. blebs.	C68622	1306.66	1307.7	1.04	0.043	AGAT_FAICP		
			C68623	1307.7	1308.7	1	0.052	AGAT_FAICP		
			C68624	1308.7	1309.7	1	0.029	AGAT_FAICP		
			C68625	1309.7	1310.7	1	0.012	AGAT_FAICP		
			C68627	1310.7	1311.7	1	0.031	AGAT_FAICP		
			C68628	1311.7	1312.7	1	0.026	AGAT_FAICP		
			C68629	1312.7	1313.7	1	0.027	AGAT_FAICP		
			C68630	1313.7	1314.7	1	0.029	AGAT_FAICP		
			C68631	1314.7	1315.85	1.15	0.049	AGAT_FAICP		
1315.85	**1316.61**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Small AMP-interm. level as part of the FGC sequence. Dark green; Amp+Bt+Fp+Qz; fg; weakly to mod. foliated; tr. Py; open F2 folds affecting S0/S1. Some Qz pods and veinlets.	C68633	1315.85	1316.61	0.76	0.114	AGAT_FAICP		
1316.61	**1323.30**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC sequence uphole. Polymictic conglomerate; matrix supported; grey; weakly magnetic (0.25% vfg-fg Po+Py); fg with local mg levels (overall 10% Amp); 10% fg Bt // S1; moderately banded // S1; mod. to strongy foliated; common felsic (locally mafic) clasts strongly flattened // S1 and stretched // L1. Some QzFp veinlets // S1; some late QzCb veinlets with thin altered haloes. Local tight F1 folds.	C68634	1316.61	1317.6	0.99	0.024	AGAT_FAICP		
			C68635	1317.6	1318.6	1	0.058	AGAT_FAICP		
			C68636	1318.6	1319.6	1	0.047	AGAT_FAICP		
			C68637	1319.6	1320.6	1	0.033	AGAT_FAICP		
			C68639	1320.6	1321.6	1	0.024	AGAT_FAICP		
			C68640	1321.6	1322.6	1	0.022	AGAT_FAICP		
			C68641	1322.6	1323.3	0.7	0.05	AGAT_FAICP		
1323.30	**1323.60**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Small migmatitic level with diffuse contacts; light grey; mg-cg; massive; granular; tr. Bt; tr. Py.	C68642	1323.3	1323.6	0.3	0.015	AGAT_FAICP		
1323.60	**1331.72**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC sequence uphole. Polymictic conglomerate; matrix supported; dark grey; weakly magnetic (0.5% vfg-fg Po+Py); fg with local mg levels (overall 10% Amp with some Cpx levels and depletion haloes); 10% fg Bt // S1; strongly banded // S1; strongy foliated; abundant felsic (locally mafic) clasts strongly flattened // S1 and stretched // L1. Some FGS homogeneous levels. Some QzFp veinlets // S1; some late QzCb veinlets with thin altered haloes. Local tight F1 folds affecting S0 compositional layering.	C68643	1323.6	1324.6	1	0.035	AGAT_FAICP		
			C68644	1324.6	1325.6	1	0.034	AGAT_FAICP		
			C68645	1325.6	1326.6	1	0.025	AGAT_FAICP		
			C68647	1326.6	1327.6	1	0.028	AGAT_FAICP		
			C68648	1327.6	1328.6	1	0.032	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68649	1328.6	1329.6	1	0.03	AGAT_FAICP		
			C68650	1329.6	1330.6	1	0.02	AGAT_FAICP		
			C68651	1330.6	1331.7	1.1	0.01	AGAT_FAICP		
1331.72	**1332.00**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small migmatitic vein; sub// S1; pink and light grey; mg-cg; massive; some late green Cb veinlets.	C68653	1331.7	1332	0.3	0.018	AGAT_FAICP		
1332.00	**1333.72**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC sequence uphole; FGS with some felsic clasts; overall matrix-supported conglomerate; grey; weakly magnetic (0.25% vfg-fg Po+Py); fg with local mg levels (overall 10% Amp); 8% fg Bt // S1; weakly banded // S1; mod. to strongy foliated; some felsic clasts strongly flattened // S1 and stretched // L1; rare thin AMP level // S1; Some QzFp veinlets // S1; some late QzCb veinlets with thin Ser-altered haloes.	C68654	1332	1333	1	0.011	AGAT_FAICP		
			C68655	1333	1333.72	0.72	0.016	AGAT_FAICP		
1333.72	**1334.26**	**(AMP) Amphibolite, ( )** Small AMP level as part of the FGC sequence; dark green; mg; weakly to mod. foliated; 60%Amp+30%Cpx+10%Fp+Bt. Tr. Py; tr. Mt. Local Ilm (mustard yellow) replacing Bt. Lower contact tightly F1-folded with FGC downhole.	C68656	1333.72	1334.26	0.54	0.02	AGAT_FAICP		
1334.26	**1341.48**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC sequence uphole; polymictic conglomerate with common diffuse FGS interbedded levels (compositional layering); grey; weakly magnetic (0.25% vfg-fg Po+Py); fg with local mg levels; some white/pale pink PEG/migmatitic veins (<20cm thick; sub// S1); some small AMP levels // S1 (locally Ser-altered or tightly F1-folded with FGC); upper contact is tightly F1-folded with AMP. Overall 10% Bt+5% Amp; weakly to moderately banded // S1; mod. to strongy foliated; dominant felsic clasts are strongly flattened // S1 and stretched // L1. Progressive lower contact toward FGG (last 0.5m are lighter grey; no white mica).	C68657	1334.26	1335.3	1.04	0.004	AGAT_FAICP		
			C68659	1335.3	1336.3	1	0.025	AGAT_FAICP		
			C68660	1336.3	1337.3	1	0.015	AGAT_FAICP		
			C68661	1337.3	1338.3	1	0.013	AGAT_FAICP		
			C68662	1338.3	1339.3	1	0.014	AGAT_FAICP		
			C68663	1339.3	1340.3	1	0.055	AGAT_FAICP		
			C68664	1340.3	1341.48	1.18	0.052	AGAT_FAICP		
1341.48	**1350.20**	**(FGG) Felsic Gneiss Granitic, ( )** Start of the weak alteration halo. Typical felsic gneiss ("granitic"); upper part shows diffuse clasts (lower part of FGC sequence uphole); light grey; fg-mg matrix with common darker grey mg-cg WM porphyroblasts and whisps // S1 (overall 7% WM); 3% Bt; moderately to locally strongly foliated; non-magnetic; locally pale pink (diffuse migmatitic veins sub // S1); moderately pervasively silicified; with few local thin diffuse QV1 veinlets // S1 (few cm wide); tr.Py+Po. Mechanical conique fractured (drilling impact) from 1345.4 to 1345.7m.	C68665	1341.48	1342.5	1.02	0.151	AGAT_FAICP		
			C68667	1342.5	1343.5	1	0.211	AGAT_FAICP		
			C68668	1343.5	1344.5	1	0.344	AGAT_FAICP		
			C68669	1344.5	1345.5	1	0.204	AGAT_FAICP		
			C68670	1345.5	1346.5	1	0.298	AGAT_FAICP		
			C68671	1346.5	1347.5	1	0.366	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68673	1347.5	1348.5	1	1.75	AGAT_FAICP		
			C68674	1348.5	1349.25	0.75	1.46	AGAT_FAICP		
			C68675	1349.25	1349.68	0.43	0.416	AGAT_FAICP		
			C68676	1349.68	1350.2	0.52	4.26	AGAT_FAICP		
1350.20	**1350.70**	**(DIA) Diabase Dike, ( )** Small diabase dyke at low angle tca; black; massive; vfg matrix with white porphyrytic Plg tablets; strongly magnetic; common late Cb veinlets with pale green Ser-altered haloes.	C68677	1350.2	1350.7	0.5	0.014	AGAT_FAICP		
1350.70	**1354.00**	**(FGG) Felsic Gneiss Granitic, ( )** Continuity of FGG unit; light grey; locally pale pink; silicified; fg-mg matrix with common darker grey mg-cg WM porphyroblasts and whisps // S1 (overall 7% WM); 3% Bt; moderately to locally strongly foliated; non-magnetic; locally pale pink (diffuse migmatitic veins sub // S1 and coarser grained); 0.25 to 0.5% Py+Po as diss. blebs // S1 and as small masses.	C68679	1350.7	1351.7	1	0.439	AGAT_FAICP		
			C68680	1351.7	1352.7	1	0.658	AGAT_FAICP		
			C68681	1352.7	1353.7	1	0.306	AGAT_FAICP		
			C68682	1353.7	1354.25	0.55	0.04	AGAT_FAICP		
1354.00	**1354.90**	**(DIA) Diabase Dike, ( )** Probably same diabase dyke as small interval uphole; at low angle tca; coming in and out of core; black; massive; vfg matrix with white porphyrytic Plg tablets; strongly magnetic; common late Cb veinlets with pale green Ser-altered haloes // S1 of FGG or oblique. Note that S1 is re-activated by late fractures and penetrate the dyke.	C68683	1354.25	1354.73	0.48	0.004	AGAT_FAICP		
1354.90	**1361.68**	**(FGG) Felsic Gneiss Granitic, ( )** Continuity of FGG unit; light grey; locally pale pink; silicified (FGG is more pervasively silicified and smokey grey in lower part); fg-mg matrix with common darker grey mg-cg WM porphyroblasts and whisps // S1 (overall 7% WM); 3% Bt; moderately foliated; non-magnetic; local thin Qz veinlets // S1 (possibly QV1 <3cm thick); some pale pink (diffuse migmatitic veins sub // S1 and coarser grained); 0.25% Py+Po as diss. blebs // S1 and as small masses.	C68684	1354.73	1355.7	0.97	0.269	AGAT_FAICP		
			C68685	1355.7	1356.7	1	0.235	AGAT_FAICP		
			C68687	1356.7	1357.7	1	0.13	AGAT_FAICP		
			C68688	1357.7	1358.7	1	0.084	AGAT_FAICP		
			C68689	1358.7	1359.7	1	0.136	AGAT_FAICP		
			C68690	1359.7	1360.7	1	0.129	AGAT_FAICP		
			C68691	1360.7	1361.68	0.98	0.205	AGAT_FAICP		
1361.68	**1361.94**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Small DIO-night sky sleever tightly F1-folded within FGG-Si; dark grey; mod. foliated; porphyrytic; fg-mg light grey/white Fp; lower limb is F1-folded (S1 is axial planar of F1); see structures.	C68693	1361.68	1362	0.32	0.027	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1361.94	**1364.35**	**(FGG) Felsic Gneiss Granitic, ( )** Continuity of FGG unit uphole but smokey grey and strongly pervasively silicified (very hard); almost QV1 derived from FGG. Weakly to moderately foliated (silicification obliterated S1 fabrics); fg-mg; 4% WM as fg-mg flakes +/- // S1; 1% Po+Py (as diss. blebs and as thin bands // S0; locally F1-folded).	C68694	1362	1363	1	0.15	AGAT_FAICP		
			C68695	1363	1363.7	0.7	0.425	AGAT_FAICP		
			C68696	1363.7	1364.35	0.65	0.438	AGAT_FAICP		
1364.35	**1365.10**	**(DIO, FGG) Diorite, Felsic Gneiss Granitic, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Interval made of two DIO-NS levels tightly F1-folded within FGG; including a 18cm wide FGG-Si sleever. DIO-NS is dark grey and green/yellow (strongly Ser-altered); mod. foliated; porphyrytic; fg with white fg-mg Fp phenocrysts; 0.5% Po+Py. FGG is light grey; strongly silicified; fg-mg; 0.25% Py+Po. Second DIO-NS sleever sleever is tightly F1-folded (parasitic folds on limbs; S1 // AP1).	C68697	1364.35	1365.1	0.75	0.266	AGAT_FAICP		
1365.10	**1365.40**	**(FGG) Felsic Gneiss Granitic, ( )** Small FGG silicified (similar to surrounding FGG units) tightly F1-folded between two DIO-NS sleevers. Contacts are F1-folded (parasitic folds).	C68699	1365.1	1365.4	0.3	0.641	AGAT_FAICP		
1365.40	**1365.89**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** DIO-NS unit; dark grey; locally medium green (Ep?); mod. foliated; fg-mg; porphyrytic (white Fp); 0.25% Py+Po; local QzFp veinlet // S1 with Bt-rich rims. Upper contact is tightly F1-folded with FGG.	C68700	1365.4	1365.89	0.49	0.175	AGAT_FAICP		
1365.89	**1367.59**	**(FGG, QV) Felsic Gneiss Granitic, Quartz Vein, ( )** Continuity of FGG interval uphole with two small DIO-NS levels // S1 (15cm wide at 1366.17m and 19cm wide at 1366.89m; similar to other DIO-NS uphole interbedded and tightly F1-folded within FGG; local mustard yellow Ser/Ilm altered haloes around late Cb veinlet). FGG is light grey; strongly silicified (70% QV1 as pervasive silicification from 1366.32 to 1366.71m and from 1367.08 to 1367.75m); fg-mg; almost migmatitic texture (more granular; lighter grey than uphole); weakly foliated (S1 fabrics obliterated by melt?); 4% WM; 2% Bt; tr. Po+Py; tr. green fp? (not hard enough to be beryl).	C68701	1365.89	1366.32	0.43	0.218	AGAT_FAICP		
			C68702	1366.32	1367.08	0.76	0.538	AGAT_FAICP		
			C68703	1367.08	1367.59	0.51	0.227	AGAT_FAICP		
1367.59	**1368.37**	**(AMP) Amphibolite, ( )** Amphibolite is dark green/blueish (70% Amp) and pale green/yellow (pervasive alteration of Bt+Fp); Amp porphyroclasts are flattened // strong S1 and stretched // L1. Marker unit observed for instance in BL19-01093 above the mineralized zone.	C68704	1367.59	1368.37	0.78	0.03	AGAT_FAICP		
1368.37	**1368.76**	**(DIA) Diabase Dike, ( )**	C68705	1368.37	1368.76	0.39	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Small diabase dyke with converging contacts (suggesting a dyke flexure); black; massive; vfg-fg; porphyrytic texture (vfg-fg Plg tablets); mod. to strongly magnetic.								
1368.76	**1370.77**	**(FGG) Felsic Gneiss Granitic, ( )** Continuity of FGG unit uphole; with 5% sillimanite; light grey and white; stongly foliated; fg-mg with mg-cg WM whisps and porphyroblasts; tr. Py; some thin Qz veinlets (<3cm thick; QV1?)) boudinaged // S1; lower contact with GBFG is yellow mustard (Ilm-altered).	C68707	1368.76	1369.76	1	0.162	AGAT_FAICP		
			C68708	1369.76	1370.77	1.01	0.058	AGAT_FAICP		
1370.77	**1372.22**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Garnet biotite felsic gneiss; black; dark grey; some small PEG-GR veinlets // S1 and locally boudinaged (<12cm wide; pale green Plg; light grey Qz). GBFG is strongly foliated; fg-mg; locally strongly magnetic (Mt); 3% fg-mg Gt poecilitic poprhyroblasts; 30% Bt // S1; 0.5% Po+Py; tr. Sil. Progressive lower contact toward DIO-NS // S1.	C68709	1370.77	1371.43	0.66	0.168	AGAT_FAICP		
			C68710	1371.43	1372.22	0.79	0.087	AGAT_FAICP		
1372.22	**1376.35**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Diorite night sky; dark grey; mod. foliated; porphyrytic; fg with white fg-mg Fp phenocrysts; 10% Amp + 20% Bt; tr. Po+Py. Some QzFpPyPo veinlets; local diabase dyke edge at very low angle tca. Lower part is yellow mustard (Bt are Ilm-altered) and medium green (Cpx?).	C68711	1372.22	1373.22	1	0.02	AGAT_FAICP		
			C68713	1373.22	1373.94	0.72	0.016	AGAT_FAICP		
			C68714	1373.94	1374.24	0.3	0.012	AGAT_FAICP		
			C68715	1374.24	1375.24	1	0.01	AGAT_FAICP		
			C68716	1375.24	1375.89	0.65	0.018	AGAT_FAICP		
			C68717	1375.89	1376.35	0.46	0.081	AGAT_FAICP		
1376.35	**1377.33**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG-GR; medium grey; white; locally green (Amp); pale pink (KFp); tr. Py+Po; massive-mg-cg; not pegmatitic; some yellow mustard Ilm rich bands.	C68719	1376.35	1377	0.65	0.074	AGAT_FAICP		
			C68720	1377	1377.49	0.49	0.166	AGAT_FAICP		
1377.33	**1377.49**	**(QFP) Quartz Feldspar Porphyry, ( )** Small sleever of "QFP" similar to larger QFP unit downhole and injected by diabase dyke.								
1377.49	**1379.32**	**(DIA) Diabase Dike, ( )** Diabase dyke; black; massive; vfg-fg; porphyrytic texture (vfg-fg Plg tablets); mod. to strongly magnetic; rare late Cb veinlet with Ser-altered haloes.	C68721	1377.49	1378.49	1	0.006	AGAT_FAICP		
			C68722	1378.49	1379.32	0.83	0.003	AGAT_FAICP		
1379.32	**1382.30**	**(QFP) Quartz Feldspar Porphyry, ( )**	C68723	1379.32	1380.32	1	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Logged as QFP for consistency but more likely a detrital metased. FGS-mg. Dark grey; homogeneous; mod. to strongly foliated; 8% Bt; 3% Amp; tr.Py; fg-mg matrix with abundant mg-cg Qz-Fp porphyroclasts/phenocrysts; some late QzCb veinlets oblique to S1 with greenish Ser-altered haloes. Progressive lower contact toward FGS-Bt.	C68724	1380.32	1381.32	1	0.008	AGAT_FAICP		
			C68725	1381.32	1382.3	0.98	0.036	AGAT_FAICP		
1382.30	**1383.65**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C68727	1382.3	1383.3	1	0.087	AGAT_FAICP		
		FGS-BI has progressive upper contact from "QFP"; suggesting a detrital origin. Unit is dark grey (kaki green when Ser-altered around late QzCb veinlets); silicified; mod. foliated; fg; 10-15% Bt (// S1; +/- Ilm-altered); 2% Amp; 0.25% Py+Po; some thin UMD edges at low angle tca.	C68728	1383.3	1383.81	0.51	0.045	AGAT_FAICP		
1383.65	**1384.40**	**(DIA) Diabase Dike, ( )**	C68729	1383.81	1384.18	0.37	0.021	AGAT_FAICP		
		Small diabase dyke at low angle tca; black; massive; porphyrytic (vfg-fg Plg tablets); mod. magnetic; common late Ser-altered haloes around fractures.								
1384.40	**1385.43**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C68730	1384.18	1384.65	0.47	0.041	AGAT_FAICP		
		FGS-BI between DIA and UMD-LAMP is altered by dykes; dark grey and green/blueish; fg-mg; almost porphyrytic texture; mod. foliated (obliterated by alteration); common dark greenish/bluesih fractures // dykes; small LAMP dykelets; some Qz veinlets.	C68731	1384.65	1385.43	0.78	0.032	AGAT_FAICP		
1385.43	**1387.74**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68733	1385.43	1386.43	1	0.015	AGAT_FAICP		
		UMD-LAMP dyke; centre part is dark grey; selvages are green. Massive; non-magnetic; vfg-fg; Bt+Cb; some Cb veinlets.	C68734	1386.43	1387.43	1	0.063	AGAT_FAICP		
			C68735	1387.43	1387.74	0.31	0.02	AGAT_FAICP		
1387.74	**1388.50**	**(QFP) Quartz Feldspar Porphyry, ( )**	C68736	1387.74	1388.5	0.76	0.061	AGAT_FAICP		
		Small QFP-looking unit altered by UMD above; dark grey; greenish (alteration); mod. to strongly foliated; fg matrix with mg-cg white Fp porphyroclasts strongly stretched // L1.								
1388.50	**1389.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C68737	1388.5	1389	0.5	0.166	AGAT_FAICP		
		Silicified FGS-BI; dark grey; mod. foliated (S1 fabric obliterated by silicification); fg; 15% Bt // S1; 0.5% Po+Py; some salty textures levels (white Fp; almost porphyrytic but not typical DIO-night sky texture). Some thin QV1 // S1 near lower contact with GBFG.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1389.00	**1392.77**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C68739	1389	1389.85	0.85	4	AGAT_FAGRA		
		Second mineralized zone. Garnet biotite felsic gneiss; strongly silicified; black; dark grey and pink/purple; some kaki green Ser-altered levels (i.e. 1391.72-1392.4m) as haloes around late QzCb veinlets; fg matrix with abundant mg-cg Gt porphyroblasts (15% Gt); 40% Bt; 2% Sill (stretched // moderate stretching lineation L1); 5% thin QV1 veinlets (Qz+/-Po;Py; <10cm thick) // S1; locally tightly F1-folded and boudinaged. Local crenulation affecting S1. Overall 2% Po+Py as diss. blebs and small masses // S1.	C68740	1389.85	1390.85	1	4.6	AGAT_FAGRA		
			C68741	1390.85	1391.72	0.87	1.871	AGAT_FAICP		
			C68742	1391.72	1392.4	0.68	2.46	AGAT_FAICP		
			C68743	1392.4	1392.89	0.49	1.399	AGAT_FAICP		
1392.77	**1396.94**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68744	1392.89	1393.89	1	0.004	AGAT_FAICP		
		UMD-LAMP dyke; black; massive; strongly magnetic; homogeneous; vfg-fg; Bt+Cb; 8cm wide GBFG sleever at 1395.7m (same as GBFG above but blueish; altered by UMD).	C68745	1393.89	1394.89	1	0.044	AGAT_FAICP		
			C68747	1394.89	1395.94	1.05	0.053	AGAT_FAICP		
			C68748	1395.94	1396.94	1	0.036	AGAT_FAICP		
1396.94	**1399.52**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C68749	1396.94	1397.5	0.56	0.562	AGAT_FAICP		
		Continuity of silicified GBFG uphole; black; dark grey and pink/purple; fg matrix with abundant mg-cg Gt porphyroblasts (15% Gt); 40% Bt; 2% Sill (stretched // moderate stretching lineation L1); 5% thin QV1 veinlets (Qz+Po;Py; <4cm thick) // S1 and locally tightly F1-folded; overall 2% Po+Py as diss. blebs and small masses // S1. 5cm thick PEG-GR near upper contact is folded (ptygmatic) and irregular. Lower contact of GBFG is blueish (altered) against UMD.	C68750	1397.5	1398.5	1	1.49	AGAT_FAICP		
			C68751	1398.5	1399.36	0.86	0.706	AGAT_FAICP		
			C68753	1399.36	1399.66	0.3	0.074	AGAT_FAICP		
1399.52	**1400.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68754	1399.66	1400.3	0.64	0.013	AGAT_FAICP		
		UMD-LAMP is medium green; massive; not magnetic; vfg-fg; 5cm altered GBFG sleever at 1389.85m.								
1400.30	**1401.30**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C68755	1400.3	1401.3	1	2.01	AGAT_FAICP		
		Continuity of silicified GBFG uphole; dark grey and pink/purple; locally kaki green (Ser-altered haloes around late QzCb veinlets); fg matrix with mg-cg Gt porphyroblasts (5% Gt); 40% Bt; 2% Sill (stretched // moderate stretching lineation L1); some small PEG-GR veinlets; 11cm wide QV2 near lower contact; overall 0.75% Po+Py as diss. blebs // S1.								
1401.30	**1404.74**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C68757	1401.3	1402.28	0.98	4.7	AGAT_FAICP		
		High grade zone; QV1-VG as intensively silicified MAM unit (with minor GBFG relict bands // S1). Most smokey grey Qz; some light grey levels; common brownish colour reminding MAM; some diffuse Bt-Gt-rich bands // S1; visible gold specks (>10; free gold in Qz) at 1404.06m; some cg pale pink Fp with light grey rims; some dark green mg-cg Amp; tr. WM; common late thin QzCb veinlets at multiple orientations. 15cm wide GBFG at 1403.45m (Ser-altered; strongly foliated). Overall 0.5% Po+Py as vfg-fg diss. blebs and thin veinlets //	C68759	1402.28	1402.8	0.52	0.87	AGAT_FAICP		
			C68760	1402.8	1403.4	0.6	1.49	AGAT_FAICP		
			C68761	1403.4	1403.7	0.3	3.84	AGAT_FAICP		
			C68763	1403.7	1404.2	0.5	4.74	AGAT_FAICP	Yes	

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		S1 locally tightly F1-folded. Moderate stretching lineation outlined by Qz+Amp. Some MAM-looking levels have dark green fracture network surrounding possible scapolite-rich fragments (proto-breccia?).	C68765	1404.2	1404.74	0.54	1.77	AGAT_FAICP		
1404.74	**1410.12**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C68767	1404.74	1405.74	1	4.45	AGAT_FAICP		
		Silicified garnet biotite felsic gneiss; mostly black with some medium grey/kaki green Ser-altered levels (1408.27-1409.72m); strongly foliated; fg-mg with 15% purple/red Gt porphyroblasts; dark grey and pink/purple; 40% Bt; 2% Sill (stretched // moderate stretching lineation L1); 0.75% Po+Py as vfg-fg diss. blebs and thin veinlets // S1; 5% thin QV1 // S1 throughout; mod. stretching lineation L1. Undetermined medium blue mineral around 1408.4m (medium hard; cleavaged; possibly cordierite?).	C68768	1405.74	1406.74	1	2.52	AGAT_FAICP		
			C68769	1406.74	1407.74	1	0.929	AGAT_FAICP		
			C68770	1407.74	1408.74	1	3.95	AGAT_FAICP		
			C68771	1408.74	1409.72	0.98	0.703	AGAT_FAICP		
			C68773	1409.72	1410.1	0.38	6.6	AGAT_FAGRA		
1410.12	**1410.28**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C68774	1410.1	1410.4	0.3	18.9	AGAT_FAGRA	Yes	
		Small high grade QV1-VG; x2 specks of visible gold at 1410.24m in a tightly F1-folded QV1. QV1 is smokey grey; 1% vfg Po+Py; with tight F1-folds outlined by Po+Py veinlets // S1. 10% GBFG relicts with fg-mg Gt porphyroblasts. Upper contact is ondulating at low angle tca; lower contact is // S1.								
1410.28	**1411.95**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C68776	1410.4	1410.9	0.5	2.66	AGAT_FAICP		
		Last interval of altered zone; GBFG is dark grey and pink/purple; fg matrix with mg-cg Gt porphyroblasts (10% Gt); 40% Bt; 2% Sill (stretched // moderate stretching lineation L1). 5% of thin QV1 // S1 and locally tightly folded. Small QV1 interval (80% QV1) from 1411 to 1411.23m. Overall 1% Po+Py as diss. blebs and thin veinlets // S1 (locally tightly F1-folded // S1).	C68777	1410.9	1411.5	0.6	4.61	AGAT_FAICP		
			C68779	1411.5	1411.95	0.45	1.89	AGAT_FAICP		
1411.95	**1415.42**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C68780	1411.95	1412.95	1	1.12	AGAT_FAICP		
		Upper part of interval looks like DIO-NS but quickly transitions toward a FGS-BI-mg. Dark grey fg matrix (Qz; Fp; 7% Bt) with fg-mg white Fp and grey Qz. Some Ser-altered haloes around late QzCb veinlets. Tr. Py. Rare thin QzFp veinlets // S1. Progressive increase of Amp near lower contact.	C68781	1412.95	1413.95	1	0.296	AGAT_FAICP		
			C68782	1413.95	1414.9	0.95	0.469	AGAT_FAICP		
			C68783	1414.9	1415.42	0.52	0.242	AGAT_FAICP		
1415.42	**1419.21**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C68784	1415.42	1416.2	0.78	0.95	AGAT_FAICP		
		Footwall amphibolite with some mottled amphibolite looking levels near upper contact. Mostly dark green; fg; weakly to moderately foliated; some medium green Cpx-rich clots and bands; local possible melt with white Fp patches; local Cb veinlets // S1. Overall 1% vfg-fg Po+Py as diss. blebs and in QzFp veinlets. Local flank folds affecting S1 against QzFp veinlets.	C68785	1416.2	1416.5	0.3	0.464	AGAT_FAICP		
			C68787	1416.5	1417.5	1	1.14	AGAT_FAICP		
			C68788	1417.5	1418.5	1	1.09	AGAT_FAICP		
			C68789	1418.5	1419.21	0.71	0.104	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1419.21	**1420.09**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is medium grey; moderately foliated; fg-mg; with some migmatitic levels (coarser grained; not foliated; Qz+Fp+Bt+/- Po-Py); 7% Bt; some mg Qz almost Qz eyes texture; overall 0.25% Py+Po as diss. blebs and small masses // S1. Local thin AMP sleever probably tightly F1-folded within FGS.	C68790	1419.21	1420.09	0.88	0.418	AGAT_FAICP		
1420.09	**1425.30**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Continuity of AMP-FW unit uphole; dark green; fg; salty texture (vfg-fg Fp); locally mg Fp; mod. foliated; weakly banded (compositional layering and common darker green thin network as possible pillow selvages). Overall 0.25% Po+Py as vfg-fg diss. blebs. Local Qz veinlets.	C68791	1420.09	1421.1	1.01	0.782	AGAT_FAICP		
			C68793	1421.1	1422.1	1	0.981	AGAT_FAICP		
			C68794	1422.1	1423.1	1	0.506	AGAT_FAICP		
			C68795	1423.1	1424.1	1	0.252	AGAT_FAICP		
			C68796	1424.1	1425.3	1.2	0.096	AGAT_FAICP		
1425.30	**1426.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Similar FGS as 1419.21-1420.09m. FGS is medium grey; moderately foliated; fg-mg; with some migmatitic levels (coarser grained; not foliated; Qz+Fp+Bt+/- Po-Py); 7% Bt; some mg-cg Qz eye texture levels; overall 0.25% Py+Po as diss. blebs and small masses // S1. Local thin QzFp veinlet // S1.	C68797	1425.3	1426.7	1.4	0.171	AGAT_FAICP		
1426.70	**1429.55**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** COntinuity of AMP-FW uphole; dark green; fg; salty texture (vfg-fg Fp); locally mg Fp; mod. foliated; weakly banded (compositional layering and common darker green thin network as possible pillow selvages). Overall 0.25% Po+Py as vfg-fg diss. blebs. Local Qz veinlets.	C68799	1426.7	1427.7	1	0.355	AGAT_FAICP		
			C68800	1427.7	1428.7	1	0.255	AGAT_FAICP		
			C68801	1428.7	1429.55	0.85	0.21	AGAT_FAICP		
1429.55	**1434.26**	**(DIA) Diabase Dike, ( )** Diabase dyke; black; massive; vfg with vfg-fg Plg tablets; porphyrytic; strongly magnetic; some late Cb veinlets throughout.	C68802	1429.55	1431	1.45	0.007	AGAT_FAICP		
			C68803	1431	1432.5	1.5	0.002	AGAT_FAICP		
			C68804	1432.5	1433.5	1	0.012	AGAT_FAICP		
			C68805	1433.5	1434.26	0.76	0.007	AGAT_FAICP		
1434.26	**1440.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS-Amp; dark grey and greenish (overall 3% Amp as diss. fg blebs and small levels; i.e. 17cm wide at 1434.92m); moderately foliated; fg-mg; 8% Bt // S1; some migmatitic levels and QzFp veinlets (coarser grained; not foliated; Qz+Fp+Bt+/- Po-Py); overall 0.25% Py+Po as diss. blebs and small masses // S1.	C68807	1434.26	1434.6	0.34	0.337	AGAT_FAICP		
			C68808	1434.6	1435.6	1	0.055	AGAT_FAICP		
			C68809	1435.6	1435.9	0.3	0.013	AGAT_FAICP		
			C68810	1435.9	1436.65	0.75	0.018	AGAT_FAICP		
			C68811	1436.65	1436.95	0.3	0.014	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68813	1436.95	1438	1.05	0.047	AGAT_FAICP		
			C68814	1438	1439	1	0.024	AGAT_FAICP		
			C68815	1439	1440	1	0.043	AGAT_FAICP		
			C68816	1440	1440.45	0.45	0.062	AGAT_FAICP		
1440.45	**1444.65**	**(DIA) Diabase Dike, ( )**	C68817	1440.45	1441.85	1.4	0.008	AGAT_FAICP		
Diabase dyke; black; massive; vfg with vfg-fg Plg tablets; porphyrytic; strongly magnetic; some late Cb veinlets throughout. Blocky core in lower part is related to drilling (mechanical fractures).			C68819	1441.85	1443.25	1.4	0.002	AGAT_FAICP		
			C68820	1443.25	1444.65	1.4	0.002	AGAT_FAICP		
1444.65	**1449.61**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68821	1444.65	1445.7	1.05	0.014	AGAT_FAICP		
FGS typical of FW; medium to dark grey; slightly greenish (overal 5% Amp as diss. blebs and Amp-rich bands // S1); fg; weakly to mod. foliated; 7% Bt; weakly banded (compositional layering S0//S1); some bands have typical depletion haloes around Amp blades. Some QzFp veinlets; tr. Py+Po. Lost core from 1445 to 1446m.			C68822	1445.7	1446.7	1	0.533	AGAT_FAICP		
			C68823	1446.7	1447.7	1	0.054	AGAT_FAICP		
			C68824	1447.7	1448.7	1	0.032	AGAT_FAICP		
			C68825	1448.7	1449.61	0.91	0.014	AGAT_FAICP		
1449.61	**1453.10**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite**	C68827	1449.61	1450.6	0.99	0.014	AGAT_FAICP		
Logged a AMP-MAM but this marker unit seems to be associated with FGC sequence; and composition is overall more felsic than mafic. Light to medium grey; green; slightly brown/pink; mod. banded (S0//S1); common aggregates of Amp porphyroblasts with depletion haloes; some Qz veinlets // S1; tr. Po+Py. 18cm wide QV2 at 1452.49m.			C68828	1450.6	1451.6	1	0.041	AGAT_FAICP		
			C68829	1451.6	1452.5	0.9	0.054	AGAT_FAICP		
			C68830	1452.5	1452.8	0.3	0.035	AGAT_FAICP		
			C68831	1452.8	1453.1	0.3	0.028	AGAT_FAICP		
1453.10	**1460.89**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68833	1453.1	1454.1	1	0.04	AGAT_FAICP		
Quite similar to FGS-FW to 1444.65-1449.61m but more banded; increased compositional layering; medium to dark grey; slightly greenish (overal 10% Amp as diss. blebs and Amp-rich bands // S1; locally boudinaged); fg and locally mg; weakly to mod. foliated; 7% Bt; tr. Gt; moderately banded (compositional layering S0//S1; reminding FGC texture); some bands have typical depletion haloes around Amp blades. Some QzFp veinlets // S1 or oblique; 0.25% Py+Po as diss. blebs and thin veinlets // S1. 1-2cm thick fault breccia at 1453.55m.			C68834	1454.1	1455.1	1	0.259	AGAT_FAICP		
			C68835	1455.1	1456.1	1	0.131	AGAT_FAICP		
			C68836	1456.1	1457.1	1	0.047	AGAT_FAICP		
			C68837	1457.1	1458.1	1	0.054	AGAT_FAICP		
			C68839	1458.1	1459.1	1	0.035	AGAT_FAICP		
			C68840	1459.1	1460.1	1	0.028	AGAT_FAICP		
			C68841	1460.1	1460.89	0.79	0.022	AGAT_FAICP		
1460.89	**1461.40**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C68842	1460.89	1461.4	0.51	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Migmatitic vein; granitic composition; light grey; pale pink; Qz+Fp+Bt; // S1; massive.										
1461.40	**1463.04**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68843	1461.4	1462.4	1	0.007	AGAT_FAICP		
Continuity of FGS-Amp above PEG uphole; with more prononced banding; 15cm wide "QFP" level and some clasts (stretched // L1) suggesting local conglomeratic nature. Dark grey; green (10% Amp as bands); mod. foliated; mod. banded; tr. Po+Py; local Qz veinlets.			C68844	1462.4	1463.04	0.64	0.007	AGAT_FAICP		
1463.04	**1465.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68845	1463.04	1464	0.96	0.002	AGAT_FAICP		
UMD-LAMP dyke is strongly crushed by fault (parallel to Swamp Fault 2 from Deposit); mostly crumblely; some solid core in central part; lower contact is a healed breccia. Kaki green; fg; non magnetic.			C68847	1464	1465.1	1.1	0.004	AGAT_FAICP		
1465.10	**1470.92**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68848	1465.1	1466.1	1	0.008	AGAT_FAICP		
Logged as FGS but more likely part of FGC sequence. Dark grey; locally redish (KFp-alteration due to surrounding faults); pale green; some LAMP dykelets at multiple orientations; mod. foliated; fg-mg; locally banded (compositional layering // S1); some thin QzFp veinlets // S1; some mg-cg Amp with depletion haloes.			C68849	1466.1	1467.1	1	0.008	AGAT_FAICP		
			C68850	1467.1	1468.1	1	0.015	AGAT_FAICP		
			C68851	1468.1	1469.1	1	0.008	AGAT_FAICP		
			C68853	1469.1	1470.1	1	0.025	AGAT_FAICP		
			C68854	1470.1	1470.92	0.82	0.038	AGAT_FAICP		
1470.92	**1471.27**	**(AMP) Amphibolite, ( )**	C68855	1470.92	1471.27	0.35	0.005	AGAT_FAICP		
Small AMP level within FGS-Amp; green; grey; mod. foliated; mg-cg; 5%Bt + 30%Amp +/- epidotized.										
1471.27	**1472.54**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C68856	1471.27	1472.54	1.27	0.019	AGAT_FAICP		
Logged as FGS but more likely part of FGC sequence. Dark grey; locally redish (KFp-alteration due to surrounding faults); pale green; some LAMP dykelets at multiple orientations; mod. foliated; fg-mg; locally banded (compositional layering // S1); some thin QzFp veinlets // S1; some mg-cg Amp with depletion haloes.										
1472.54	**1472.85**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68857	1472.54	1472.85	0.31	0.003	AGAT_FAICP		
UMD-LAMP dyke is strongly crushed by fault (parallel to Swamp Fault 2 from Deposit); mostly crumblely; some solid core in lower part; kaki green; fg; non magnetic.										
1472.85	**1474.90**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite**	C68859	1472.85	1473.85	1	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		(50-69% amphibole)	C68860	1473.85	1474.9	1.05	0.01	AGAT_FAICP		
		Intermediate amphibolite; green; dark grey; mod. foliated; fg-mg; 20% Amp; 15%Bt; tr. Ep+Ilm; thin QzFp veinlets // S1.								
1474.90	**1475.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68861	1474.9	1475.95	1.05	0.01	AGAT_FAICP		
		UMD-LAMP dyke is strongly crushed by fault (parallel to Swamp Fault 2 from Deposit); mostly crumblely; some FGS sleevers at low angle tca. UMD is kaki green; fg; non magnetic.								
1475.95	**1476.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C68862	1475.95	1476.75	0.8	0.015	AGAT_FAICP		
		Intermediate amphibolite; green; dark grey; mod. foliated; fg-mg; 20% Amp; 15%Bt; tr. Ep+Ilm; some QzFpAmp veinlets.								
1476.75	**1478.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C68863	1476.75	1477.75	1	0.013	AGAT_FAICP		
		UMD-LAMP dyke is moderately to strongly crushed by fault (parallel to Swamp Fault 2 from Deposit); very crumblely in upper part; some late Cb veinlets. UMD is kaki green; fg; non magnetic.	C68864	1477.75	1478.95	1.2	0.003	AGAT_FAICP		
1478.95	**1479.42**	**(AMP) Amphibolite, ( )**	C68865	1478.95	1479.42	0.47	0.005	AGAT_FAICP		
		Intermediate amphibolite; green; dark grey; mod. foliated; fg-mg; 20% Amp; 15%Bt; tr. Ep+Ilm; some QzFpAmp veinlets. EOH=1479.42m.								

Newmont

Geological Description with Assays

Hole ID : **BL19-01093**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	14.981	Easting :	333400.23	Logged By :	Mike.Schweinberger
Dip :	-82.075	Northing :	5302756.75	Logged By 2 :	Tyler.Compton
Length :	843.01	Elevation :	433.935	Log Start :	19-Oct-2019
Drill Start :	8-Oct-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	15-Nov-2019
Drill Completed :	16-Nov-2019	Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Zone was less than impressive due to being on the far updip end of mineralization due to hole dip steepening while drilling. Alteration halo begins at 570 metres with moderately strong FGG package. Muscovite content was lower than typical FGG. Three short DIOP1 units crosscut the mineralized zone. Four GBFG units present with the best example present 622.96-623.77ms with moderately strong sulphide content but lacking quartz flooding/veining. Conglomerate was observed at 659.53ms representing footwall or near footwall material. AJ conducted core review Jan 27 2020 and added three vein entries to log.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**18.65**	**(OB) Overburden, ( )**								
18.65	**21.54**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; very weak dissem anh py								
21.54	**22.68**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** pink white coarse to very coarse PEG; mas; upper contact sharp								
22.68	**26.93**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med weakly fol weakly Ksp alt (haloes) light grey to pinkish FGS; weak fine to med								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		bio; weak fine dissem py; below 24.23 freq dm-thick mostly fol parallel PEG; upper contact sharp								
26.93	**50.24**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; rare scatterd fine to med am; weak fine dissem anh py; frequ pinkish Ksp alt haloes along qtz-carb stringers and QFs with less freq haloes of ser; upper contact grad								
50.24	**50.88**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; weak to mod dissem anh py; upper contact sharp								
50.88	**54.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; rare scatterd fine to med am; weak fine dissem anh py; upper contact sharp								
54.36	**57.83**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp								
57.83	**60.38**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; rare scatterd fine to med am; weak fine dissem anh py; upper contact sharp								
60.38	**61.32**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; grain size and freq incressing over the first 25cm of the unit; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp								
61.32	**82.42**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; rare scatterd fine to med am; weak fine dissem anh py; upper contact sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

82.42 84.10 (PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)

coarse to very coarse pink-white mas PEG with slivers of a few cm thickness anastomosing within; upper contact sharp

84.10 84.56 (AMP, PEG) Amphibolite, Pegmatite, ( )

green med to coarse mod fol mod lin AMP with patches of coare to very coarse pink white PEG up 12x7cm; very weak dissem fine anh py; upper contact sharp

84.56 85.44 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; some coarse am pob within 'felsic' bands; weak fine dissem anh py; upper contact sharp along a PEG

85.44 85.95 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp

85.95 90.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

dark grey fine mas lamp with some fine to med bio por and freq semiang mm-sized carb patches; at least two generations of dykes with intersections at very low angle to core axis; upper contact sharp; mod magnetic; both upper and lower contact with light greenish alteration a few cms into the dyke from host rock contact

90.30 90.87 (PEG, QV) Pegmatite, Quartz Vein, (PEGGR) Granitic Pegmatite (<50% quartz)

pink white mas PEG with 12cm thick band of white Q2; the lattter has slightly irreg contacts at hight anngle to core axix; upper contact sharp to lamp; some localized fine dissem anh py

90.87 98.29 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; weak fine to med scattered am s; weak fine dissem anh py; upper contact sharp along a PEG

98.29 104.92 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp; btw 104.34 and 104.72 wavy mm-thick bands of med AMP

104.92 107.77 (AMP, PEG) Amphibolite, Pegmatite, ( )

med to coarse green weakly to mod fol AMP frequ interlayered with cm to 0.6m thick sections of coarse to very coarse pink white planar fol parallel to patchy irreg PEG; strong fine to med am in AMP; weak to mod fine to med wisps of bio in AMP; weak fine dissem anh py; upper contact sharp but irreg along a PEG

107.77 112.67 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp

112.67 114.17 (FGC) Felsic Gneiss Conglomerate, ( )

possible conglo; weak conglo text with what looks like mafic and felsic mm-thick clastst that show termination; weak fine to med bio; weak fine to med am often in wavy mm-thick bands partic abund at 113.25-113.46 where they are assocciated with freq epi filled vugs; upper cotact sharp; weak fine dissem anh py

114.17 130.55 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; qtz eyes particularly strong developed btw 114.17-116.7 (perhaps could be mistaken for QFP here); weak fine to med bio; weak fine to med scattered am s; weak fine dissem anh py; upper contact sharp

130.55 138.94 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; mod Ksp alt patchy and haloes; mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp along a QF stringer

138.94 141.53 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

frequ cm-sized roundish patches of med green AMP in am por FGS as described above; mod med am; weak fine to med bio; weak fine dis anh py; upper contact grad with increasing am patches

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
141.53	**142.74**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; weak fine to med scattered am s; weak fine dissem anh py; upper contact sharp; mod Ksp alt patchy and haloes;								
142.74	**143.33**	**(AMP) Amphibolite, ( )** dark green med to coarse weakly to mod fol patchy AMP; am patches up to 10cm and irreg in shape within a more felsic cm-thick irreg slivers; strong med to coarse am; weak fine to med bio; very weak very fine dissem anh py; upper contact sharp								
143.33	**144.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** dark grey fine mas lamp with some fine to med bio por and freq semiang mm-sized carb patches; upper contact sharp; moderately magnetic								
144.00	**145.26**	**(AMP) Amphibolite, ( )** dark green med to coarse weakly to mod fol AMP; strong med to coarse am; mod loc med to coarse bio; very weak very fine dissem anh py; upper contact sharp								
145.26	**148.10**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )** fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS with relative freq slivers of ligth green lamp that are from sub-mm to 20cm thick (this thicker band is very magnetic); rock is mod to strongly altered: Ksp; ser; dm-sized patches of Chl and some whitish bleaching as planare cm-thick bands (albizaton); FGS host rock mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp along a QF stringer; section of coarse to very coarse AMP with coarse am and coarse bio partly chl/ser alt with a bladed cm-long mm-wide hard mineral (sphalerite?)								
148.10	**160.96**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; weak fine to med scattered am s; weak fine dissem anh py; weak to mod Ksp haloes; upper contact sharp; 3.5cm thick band of lamp at 152.52-152.55; bleached (albitized) band from 151.48-151.55; 1cm thick bands and one 6x4cm round patch of med AMP at 158-158.20								
160.96	**166.03**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med fsp & am por pink grey to greenish weakly to mod fol 'dioritic' FGS; rock is weakly to mod to strongly altered: Ksp haloes and patches; mod med am por; weak fine to med bio; weak dissem anh py; upper contact sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

166.03 169.88 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; weak fine to med scattered am s; weak fine dissem anh py; weak to mod Ksp haloes; upper contact sharp; mm-thick lamp slivers form 167.44-169.4

169.88 173.62 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse weakly to mod fol pink-grey strongly por QFP; mod med bio; weak fine to med am; weak dissem anh fine py; upper contact sharp; weakly to mod perv KSP alt; below 172.49 flt zone with strong KSP perv Alt; cm-thick lamp slivers from 172.49-end of interval into next unit

173.62 178.55 (FGS) Felsic Gneiss Sedimentary, ( )

FGS with qtz eyes in Brecciatio fault zone and strong perv Ksp alteration; very weak fine bio; upper contact sharp; weak fine dissem py; lamp slivers to 174.66

178.55 180.16 (AMP) Amphibolite, ( )

med green weakly fol AMP; strong med am; weak fine bio; upper contact sharp; very weak fine dissem py

180.16 182.22 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; weak fine to med scattered am s; weak fine dissem anh py; weak to mod Ksp haloes; upper contact sharp but slightly irreg

182.22 183.02 (AMP) Amphibolite, ( )

med green weakly fol AMP; strong med am; weak fine bio; upper contact sharp; very weak fine dissem py

183.02 202.47 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey pinkish weakly to mod fol FGS with qtz eyes; weak fine to med bio; weak fine to med scattered am s; weak fine dissem anh py; weak to mod Ksp haloes; upper contact sharp but irreg; some cm-sized roundish patches that are richer in am; slightly coarser section at 192.03-192.30

202.47 203.22 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

dark grey fine mas lamp with some fine to med bio por and freq semiang mm-sized carb

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		patches; upper contact sharp; with light green margins: 4.5cm thick at upper contact and 1.2cm thick at lower contact; not mag								
203.22	**214.73**	**(AMP) Amphibolite, ( )**								
		med weakly to mod fol green AMP; strong med am; weak to mod med bio; rare KSp haloes along qtz-carb hairline stringers and thin QF patches/bands; very weak very fine dissem anh py; upper contact sharp; 2-3cm thick band of pink KSp alt FGS in AMP at 211.58-211.83; this band is very gently folded turning core axis angles from +10 to -10 down the core								
214.73	**215.13**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine very weakly alt FGS; pink-greenish-light grey; very weak bio; pervasivley mod to strong KSP and CHL alteration; weak fine dissem anh py; upper contact sharp								
215.13	**220.12**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		dark grey mas Lamp with very frequ rounded xenoliths that are often dm-sized; lamp has med bio por and localized frequ semi-angular carp patches up to 1 cm in size; xenoliths are frequent felsic FGS and less frequent mafic AMPs; upper contact is sharp; strongly magnetic; light green margins at contacts: 0.5cm thick at upper contact and 1.2cm thick at lower contact								
220.12	**226.22**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med light grey pinkish weakly fol FGS with qtz eyes; weak fine to med bio; weak fine dissem anh py; a few Ksp haloes; upper contact sharp; light green margins at contacts: 0.5cm thick at upper contact and 1.2cm thick at lower contact								
226.22	**234.95**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		fine to med weakly fol FGS; light grey with few pinkish KSp alteration haloes and patches; stronger patchy KSp alt below 232.6; no qtz eyes; not por; very weak fine to med bio; weak fine anh dissem py; upper contact grad; slightly coarser at 227.19-227.5 and at 230.65-230.75 (this latter section is boarderline QF with diffuse contacts)								
234.95	**241.84**	**(AMP) Amphibolite, ( )**								
		med weakly to mod fol green AMP; fol is slighyly andulating at shallow angles to the core axis; strong med am; weak to mod med bio; rare KSp haloes along qtz-carb hairline stringers and thin QF patches/bands; very weak very fine dissem anh py; upper contact sharp; lamp at 239.80-240; lower contact undulating at low angle to the core axix from 241.06 on								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

241.84 243.05 (FGS) Felsic Gneiss Sedimentary, ( )

fine weakly fol FGS; mod patchy KSp alt below; no qtz eyes; not por; very weak fine bio; weak fine anh dissem py; upper contact undulating at low core axis angle

243.05 249.08 (QFP) Quartz Feldspar Porphyry, ( )

fine to coarse mod fol pink-grey strongly por QFP; mod med bio; weak dissem anh fine py; upper contact sharp; mod perv KSP alt; cm-thick undulating am bands from 245.48-245.83; two lamp dyke slivers at 248.17-248.60 (one is 4cm thick the other is 0.3cm thick and offset 2cm by a small flt/fract

249.08 250.26 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

coarse to very coarse mas pink PEG; upper contact sharp

250.26 251.49 (AMP) Amphibolite, ( )

med weakly to mod fol green AMP; strong med am; weak to mod med bio; rare KSp haloes along qtz-carb hairline stringers and thin QF patches/bands; weak fine dissem anh py; upper contact sharp

251.49 252.10 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

coarse to very coarse mas white-pink PEG; upper contact sharp

252.10 254.32 (FGS) Felsic Gneiss Sedimentary, ( )

fine to med light grey weakly fol FGS; very weak fine to med bio; at upper contact to PEG there is a undulating sliver of more bio rich FGS to 252.55 (folded contact with potential F2 fold axis but not orientation line); weak dissem anh fine py; upper contact sharp but slightly irreg

254.32 263.75 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

alternationg FGS with PEG sections; PEGs form a few cm to 0.85m in width; many contact slightly diffuse but also manyu sharp ones; at 260.26 F2 fold axix in 3cm thick PEG (but no orientatio line); rock is moderately patchy Ksp altered; FGS with weak fine to med bio and weak dissem py and po; weakly fol; pink-light grey; PEGs are pink to ligth grey mas coarse to very coarse and pink-light grey; a light gree lamp at 256.22-256.36; upper contact grad

263.75 264.42 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

mas Lamp; dark grey with 8-10cm light green margins parallel to sharp contacts; frequ light gren roundish patches up to 6mm in size (epidot) and same sized white carb patches; moderately magnetic; partly with frequ med euh bio phenocrysts

264.42 284.80 (FGS) Felsic Gneiss Sedimentary, ( )

patchyly KSp altered fine to med very weakly fol light grey-pink FGS with some irreg patches of cm-sized QF (some with diffuse contacts to host rock); weak fine to med bio; weak fine dissem py; upper contact sharp.

284.80 286.15 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qz dominated; mottled grey white. 30% mixed pink and white fspr; anhedral; <1cm xls. Abundant frac controlled pink K-Hem; comingled with patchy beige Ser alt. Trace Py: coarse; clotty; <5mm.

286.15 286.70 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark grey-green; equigranular; fine grained. 80% combined amp-biot; lesser feslic groundmass. Minor very fine dissem Py throughout; slightly elevated relative to surrounding felsic units. No vis alt. Folded upper contact; apparent F2 (folded foliation).

286.70 287.15 (QV) Quartz Vein, (QZVT2) Massive quartz vein

90% mottled white-grey qz. 10% pink fspr: mm scale xls organized into loose archipelagos. Trace Py; discrete xls; <5mm; euhedral. Occ cm scale host selvages. Deformed contacts.

287.15 287.85 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Aphanitic leucocratic groundmass hosting minor fine dissem biot. No vis sulfs. Locally strong K-Hem alt present as halos assoc with fine veinlet array (discordant; <1mm; qz-cb); overall <1% veining.

287.85 290.27 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

As desc in 286.15-286.70m. Significant alteration throughout: Ser stringer array; foliation controlled. Late array of microfracs/veinlets with intense alt halos. Minor fine dissem Py throughout. 10% vein/peg abundance: qz dominated; pegmatitic; hosting minor Py (coarse discrete xls; subhedral; <5mm). Overall pervasive weak K-Hem alt; interstitial. Strong carb alt 289-289.5m; coarse and clotty; 20% over 50cm.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

290.27 298.60 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FGS as desc in 287.15-287.85m. Porphyritic texture imparted by coarse dissem biot; 15%; very weak alignment imparts trace foliation. Minor 10cm AMP bed at 298m. Very low angle undulose etensional vein/melt 295.30-295.70m; 3cm true thickness; assoc with coarse Po mineralization in host; 2% over 40cm.

298.60 299.65 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Strongly altered and laminated margins; pale green. 15% dissem poprhs: archipelagic vesicles with felsic fill; occ subround clasts. Occ late low-angle qz-carb planar veins; <1cm.

299.65 301.15 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 290.27-298.6m. Moderate K-Hem alt assoc with healed microfracs.

301.15 301.70 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Qz dominated; mottled grey-white; translucent; 60%. 40% pink altered fspr; nebulous texture. Trace Py. Melted margins.

301.70 312.10 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 290.27-298.6m. Trace fine dissem musc. QV at 302.6-302.85m: melted; amoeboid; 95% qz; 5% fspr; no vis sulfs; minor K alt. Late high angle microfracs and qz-cb veinlets are common; submm scale; accentuated by prominent K-Ser halos. ~15% dissem biot; <3mm; no discernable orientation. Minor UMD at 304.35-304.55m. No signif sulfs.

312.10 313.90 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine; equigranular. 50% amp; 30% biot; 20% felsic (mostly pink altered fspr). Weak alignment of biot imparts foliation. No vis sulfs. 3cm concordant qz vein at upper contact with prominent K-Ser halo.

313.90 314.35 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Uncertain litho. Texture and composition obscured by intense alteration (K-Hem-Ser-Silic assemblage). Healed breccia. No vis sulfs.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

314.35 321.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 301.7-312.10m. Minor fine dissem Py throughout; localized fine clotty Po. Patchy K-Ser alt. No signif veining.

321.30 324.50 (DIO) Diorite, ( )

Composionally similar to preceeding FGS but with much higher biot content. Texturally distinct from previous unit; distinguished by presence of 20% pink-red fspr porphs; dissem; mm scale <5mm; subang. 30% coarse dissem biot; alignment imparts moderate foliation. Fine dissem Py throughout. 5% veining; cm scale <5cm; concordant; hosting minor Py.

324.50 325.00 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Uncertain. Possible re-melted PEG. Appears fspr dominated; xls are difficult to discern. 15% coarse clotty biot; archipelagic; cm scale. Minor mm scale clotty Py; 0.5%. Diffuse contacts.

325.00 332.07 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 314.35-321.30m. Moderate patchy alteration throughout; locally strong; K-Ser-Silic assemblage; cm to dm scale enclaves. Alt typically assoc with veining and fracs.

332.07 332.47 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Approx equal parts white-grey qz and pink-white fspr. Equigranular; mm to cm scale <2cm xls. Distinct contacts. No signif sulfs.

332.47 334.80 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 325-332.07m

334.80 335.45 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Equigranular. Dark grey-green. 50% amp; 25% biot; 25% felsic. Alignment of biot imparts weak foliation. Abundant healed microfracs; assoc with locally strong interstitial K-Ser-Rutile alt. Minor patchy fine dissem Py. No signif veining.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

335.45 339.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 325-332.07m. Strong patchy alteration: K-Ser-Silic; silicification is especially pronounced throughout interval. Rare cm scale amoeboid veining: 338.47-338.57m; white qz hosting ~8% coarse clotty Py. Fine dissem Py throuhgout interval.

339.70 340.00 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Pegmatitic with diffuse melted contacts. Qz dominated: mottled grey-white. 20% pink fspr; cm scale; clotty; congregated proximal to margins; likely assimilated from host. No vis sulfs. Strong patchy Ser alt; bleeds into host.

340.00 348.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 325-332.07m

348.00 362.18 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Compositionally similar to previous; hosting 15% mm scale qz eyes; dissem; <1cm; imparts POB texture. Minor very fine dissem Py throughout; 0.5%. Rare encalves of strong pink K alt. Rare cm scale concordant qz vns; occ hosting coarse Py. 10% biot; fine; dissem; alignment imparts weak fol. Minor AMP @ 345.35-345.50m. Minor interval comprising 8% coarse dissem amp @ 361.22-362m. Ultra trace very fine dissem musc throughout.

362.18 375.60 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 340-348m. Fine grained. 10% fine dissem biot; alignment imparts trace fol. Occ dm scale extensional qz-fspr veins; low angle to core axis. Minor melted segment 371.45-371.83m; weak qz flooding; no vis sulfs. Occ locally strong K-Hem alt assoc with late fracs/veinlets.

375.60 379.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Upper contact is strongly altered: pale green; laminated. 15% carb porphs and fine subang clasts. Magnetic. No vis sulfs.

379.00 387.75 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 36218-375.6m. Minor AMP bed at 378.40m; 5cm true thickness. S0 parallel to S1. Trace fine dissem Py.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

387.75 392.78 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Massive FGS. Distinguished from previous by composition and texture. Visibly elevated biot and amp relative to previous: overall 30% combined coarse biot-amp porphs; dissem. No signif sulfs. Weak localized alt: K-Hem-Ser present as narrow halos surrounding occ qz-carb veinlets and microfracs. Rare cm scale barren white qz veins; mostly discordant.

392.78 393.12 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Aphanitic white qz hosting minor coarse clotty pink fspr. Trace coarse frac controlled Py. Discordant; extensional. Sericitic alt at margins.

393.12 396.58 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 387.75-392.78m.

396.58 397.23 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Moderate to strong alteration: pale green. Non magnetic. Laminated; accentuated by fine granular hem alteration; possible hematized magnetite? No vis sulfs.

397.23 447.50 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 387.85-392.78m. Minor AMP bed at 446.58-446.68m

447.50 449.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical biot-rich LAMP. Moderately magnetic. 40% porphs: sub round clasts; carb porphs; submm to mm scale. No vis sulfs. Moderate interstitial carb locally. Pale green strongly altered contacts.

449.50 456.55 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 348-362.18m. Minor LAMP at 455.57-455.83m

456.55 458.33 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 447.5-449.5m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

458.33 459.60 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 449.5-456.55m

459.60 461.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 447.5-449.5m

461.80 464.68 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 449.5-456.55m

464.68 467.23 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 447.5-449.5m. Minor FGS at 465.44-465.76m

467.23 486.55 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 447.5-449.5m. Discordant white QV at 470.55-470.75m. Weak labradorite begins ~473m: anhedral; subround; <3mm; 1% dissem.

486.55 487.05 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

60% grey-white mottled qz. 40% fspr: grey; white; pink species; subhedral; cm scale <3cm. Minor red Hem hyphae; frac and xls boundary controlled. Trace Py; discrete euhedral xls; <2mm. Distinct contacts.

487.05 491.13 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 467.23-486.55m. Labradorite continues.

491.13 494.65 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine dark grey-brown groundmass hosting 25% porphs and clasts: mm scale <5mm; dark subround clasts; white irregular carb porphs. Healed breccia at 491.55-492.20m: healed with white carb stockwork. No vis sulfs.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

494.65 508.52 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 487.05-491.13m. Occ minor AMP beds <10cm; hosting minor dissem Py. Barren QV at 501.60-501.77m. Labradorite continues.

508.52 509.10 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Strongly altered contacts; pale green. Vfg dark grey-brown groundmass hosting 30% fine poprhs; qz-cb; lesser rounded host clasts; <5mm. Weakly magnetic.

509.10 513.40 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

FMG felsic groundmass hosting 30% combined amp and biot porphs. Massive to poorly foliated. No vis sulfs. Weak Ser-K alt; patchy; assoc with healed microfracs. Minor PEG ~513m. Labradorite as previous.

513.40 514.70 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 508.52-509.10m. Minor well preserved fault at 514.55m; ~10cm.

514.70 524.50 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 509.1-513.4m. No veining or PEG.

524.50 526.23 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark grey-brown fine grained groundmass; biot-rich. Minor dissem subround leuco porphs; qz-cb <5mm. Pale green altered contacts. Minor fault gouge at 524.75m; <5cm; slickenfeatures indicate nearly pure thrust kinematics.

526.23 531.18 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 514.7-524.5m. Minor LAMP at 530.10-530.28m. Minor PEG at 530.67-530.77m.

531.18 531.90 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 524.5-526.23m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
531.90	**536.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 526.23-531.18m. Labradorite content apparently increasing relative to previous FGS.								
536.25	**536.77**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** 80% translucent white; aphanitic qz. 20% coarse euhedral fspr; <3cm; pink; pronounced near contacts. Discordant; low angle; extensional. Minor coarse clotty Py; <1%. Deformed contacts.								
536.77	**543.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 531.9-536.25m. Foliation development slightly intensified relative to previous FGS. Accentuated by weak concordant Ser alt								
543.30	**570.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Gradational contact with preceeding FGS. Distinguished by attenuation of biot and amp; also by presence of trace very fine musc. Light grey; mottled; weakly banded. Homogeneous composition throughout: trace discrete amp porphs; 7% very fine dissem biot (occ coarse biot enclaves); overall 90% aphanitic felsic groundmass. Visible elevated sulfide relative to previous: 1% Py; fine dissem throughout; locally coarse. Alteration increases significantly downhole: K-Hem alteration grades from trace to moderate approaching lower contact; patchy and banded (foliation controlled?). Labradorite is no longer visible. Appears and feels silicified; texture is locally obscured; perhaps simply strongly siliceous rock.								
570.00	**590.25**	**(FGG) Felsic Gneiss Granitic, ( )** Distinguished from FGS MU by increase in size and abundance of musc; presence of silimanite; and increased prevalence of alteration. Patchy nature of pink-red K-Hem alt imparts banded appearance; concordant with foliation. 10-15% biot: fine; dissem; alignment imparts moderate foliation. 5% dissem musc: fine to coarse; subhedral. Silimanite locally strong in dm scale enclaves <20cm. Fine dissem Py throughout; 1%. Occ cm scale veins; often deformed; hosting minor Py. Moderately foliated.	Z24701	570	571	1	0.03	AGAT_FAICP		
			Z24702	571	572	1	0.05	AGAT_FAICP		
			Z24703	572	573	1	0.062	AGAT_FAICP		
			Z24704	573	574	1	0.044	AGAT_FAICP		
			Z24705	574	575	1	0.07	AGAT_FAICP		
			Z24707	575	576	1	0.064	AGAT_FAICP		
			Z24708	576	577	1	0.034	AGAT_FAICP		
			Z24709	577	578	1	0.031	AGAT_FAICP		
			Z24710	578	579	1	0.045	AGAT_FAICP		
			Z24711	579	579.8	0.8	0.018	AGAT_FAICP		
			Z24713	579.8	580.3	0.5	0.009	AGAT_FAICP		
			Z24714	580.3	581	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
			Z24715	581	582	1	0.016	AGAT_FAICP		
			Z24716	582	583.41	1.41	0.026	AGAT_FAICP		
			Z24717	583.41	584.6	1.19	0.037	AGAT_FAICP		
			Z24719	584.6	585.6	1	0.239	AGAT_FAICP		
			Z24720	585.6	586.42	0.82	0.059	AGAT_FAICP		
			Z24721	586.42	587.6	1.18	0.149	AGAT_FAICP		
			Z24722	587.6	588.75	1.15	0.061	AGAT_FAICP		
			Z24723	588.75	589.85	1.1	1.38	AGAT_FAICP		
590.25	**591.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine grained; equigranular. Fine dissem biot imparts dark colouration; 20%. Distinct contacts. Notably unaltered compared to surroundings. No vis sulfs. Minor mm scale concordant veinlets; <1cm; barren.	Z24724	589.85	591	1.15	0.196	AGAT_FAICP		
591.00	**595.70**	**(FGG) Felsic Gneiss Granitic, ( )** Distinguished from FGS MU by increase in size and abundance of musc; presence of silimanite; and increased prevalence of alteration. Patchy nature of pink-red K-Hem alt imparts banded appearance; concordant with foliation. 10-15% biot: fine; dissem; alignment imparts moderate foliation. 5% dissem musc: fine to coarse; subhedral. Silimanite locally strong in dm scale enclaves <20cm. Fine dissem Py throughout; 1%. Occ cm scale veins; often deformed; hosting minor Py. Moderately foliated.	Z24725	591	591.84	0.84	2.44	AGAT_FAICP		
			Z24727	591.84	592.35	0.51	0.646	AGAT_FAICP		
			Z24728	592.35	593.08	0.73	1.04	AGAT_FAICP		
			Z24729	593.08	593.76	0.68	0.373	AGAT_FAICP		
			Z24730	593.76	594.85	1.09	0.06	AGAT_FAICP		
			Z24731	594.85	595.7	0.85	0.08	AGAT_FAICP		
595.70	**596.75**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Characterized by ~50% stretched amp porphs. Compositionally distinct relative to FGG surroundings. Sharp contacts. Strongly altered throughout: K-Ser-Rut-Silic assemblage. No signif sulfs. Strongly foliated. Aphanitic felsic groundmass.	Z24733	595.7	596.75	1.05	0.024	AGAT_FAICP		
596.75	**604.55**	**(FGG) Felsic Gneiss Granitic, ( )** As desc in 570-595.70m. Decimeter to m scale enclaves of strong Ser-K-Silic alt; boundaries defined by foliation.	Z24734	596.75	598.1	1.35	0.038	AGAT_FAICP		
			Z24735	598.1	599.12	1.02	0.028	AGAT_FAICP		
			Z24736	599.12	599.65	0.53	0.044	AGAT_FAICP		
			Z24737	599.65	600.9	1.25	0.056	AGAT_FAICP		
			Z24739	600.9	601.85	0.95	0.022	AGAT_FAICP		
			Z24740	601.85	602.54	0.69	0.023	AGAT_FAICP		
			Z24741	602.54	603.43	0.89	0.028	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z24742	603.43	604.18	0.75	0.014	AGAT_FAICP		
			Z24743	604.18	604.55	0.37	0.041	AGAT_FAICP		
604.55	**606.80**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained FGS with weak to foliation fabric throughout. Low sulphide content with both pyrite and pyrrhotite present in similar quantites Po 60 / Py 40. Strong sericitic/chloritic alteration from 605.80-606.45ms via dissemination and stringers. Short sections of FGG up to 5cms contained within unit.	Z24744	604.55	605.77	1.22	0.02	AGAT_FAICP		
			Z24745	605.77	606.42	0.65	0.017	AGAT_FAICP		
			Z24747	606.42	606.8	0.38	0.029	AGAT_FAICP		
606.80	**611.21**	**(FGG) Felsic Gneiss Granitic, ( )** Moderate to strong foliation fabric throughout unit. Unit transitions between FGG and FGSMU throughout. Sulphide content is low with both pyrrhotite and pyrite present in similar quantites Py 55 / Po 45. Muscovite content is low and patchy. Sillimanite content is very but observable. Unit contains classic FGG clotty appearance. Moderate to strong potassic alteration via dissemination and stringers. Moderate sericitic alteration via stringers.	Z24748	606.8	607.9	1.1	0.084	AGAT_FAICP		
			Z24749	607.9	608.67	0.77	0.069	AGAT_FAICP		
			Z24750	608.67	609.8	1.13	0.026	AGAT_FAICP		
			Z24751	609.8	611.21	1.41	0.078	AGAT_FAICP		
611.21	**614.36**	**(FGS) Felsic Gneiss Sedimentary, ( )** Weak to moderate foliation fabric throughout unit. Moderate potassic/sericitic alteration via stringers/dissemination. Short pegmatitic sections present but are barren. Sulphide content overall is very low with both pyrite and pyrrhotite present in similar quantities Po 50 / Po 50. Ocassional fine grained garent observable.	Z24753	611.21	612.18	0.97	0.029	AGAT_FAICP		
			Z24754	612.18	613.65	1.47	0.099	AGAT_FAICP		
			Z24755	613.65	614.36	0.71	0.066	AGAT_FAICP		
614.36	**619.72**	**(FGG) Felsic Gneiss Granitic, ( )** FGG contains numerous examples of melt texture. Muscovite content increasing from previous FGG but still low. Sillimanite content also still low. Moderate to strong potassic alteration via dissemination. Moderate sericitic alteration via stringers. Sulphide content is low with pyrite being slightly more dominant over pyrrhotite Py 65 / Po 35. Foliation fabric is weak to moderate throughout. A few pegmatitic sections present but are barren.	Z24756	614.36	615.56	1.2	0.093	AGAT_FAICP		
			Z24757	615.56	616.5	0.94	0.073	AGAT_FAICP		
			Z24759	616.5	617.03	0.53	0.08	AGAT_FAICP		
			Z24760	617.03	618.15	1.12	0.105	AGAT_FAICP		
			Z24761	618.15	619.25	1.1	0.149	AGAT_FAICP		
			Z24762	619.25	619.72	0.47	0.298	AGAT_FAICP		
619.72	**620.78**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine grained plagioclase phenocrysts ranging from 0.1-0.4cms in size. Phenocrysts ranging from sub euhedral to sub rounded. Very low sulphide content. Weak sericitic alteration via stringers crosscut the unit throughout. Moderate potassic alteration via stringers/dissemination at lower contact.	Z24763	619.72	620.78	1.06	0.04	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
620.78	**622.96**	**(FGG) Felsic Gneiss Granitic, ( )** FGG contains numerous examples of melt texture. Muscovite content moderate. Sillimanite content also still low. Moderate to strong potassic alteration via dissemination. Moderate sericitic alteration via stringers. Sulphide content is low with pyrite being slightly more dominant over pyrrhotite Py 65 / Po 35. Foliation fabric is weak to moderate throughout. A few pegmatitic sections present but are barren.	Z24764	620.78	621.9	1.12	0.278	AGAT_FAICP		
			Z24765	621.9	622.96	1.06	0.368	AGAT_FAICP		
622.96	**623.77**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** GBFG contains moderate to strong foliation throughout. Muscovite presence is moderately strong ranging from disseminated to medium sized specimens. Weak quartz veining/flooding. Moderately strong sulphide content with both pyrite and pyrrhotite present Po 60 / Py 40. Sulphides are fine grained and found as aggregates trending with foliation fabric. Fine grained garents present throughout. Weak potassic alteration via small pegmatitic vein which is barren. Minor riebeckite presence also observable. Biotite content lower than typical GBFG.	Z24767	622.96	623.77	0.81	0.294	AGAT_FAICP		
623.77	**624.16**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine grained plagioclase phenocrysts ranging from 0.1-0.4cms in size. Phenocrysts ranging from sub euhedral to sub rounded. Very low sulphide content. Weak sericitic alteration via halos. Weak potassic alteration via halos.	Z24768	623.77	624.16	0.39	0.123	AGAT_FAICP		
624.16	**625.04**	**(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)** Quartz rich pegmatite/QV2. Fine to medium grained muscovite and biotite. Low sulphide content with a few pyrite and pyrrhotite specimens present. Very few but ocassional massive plagioclase example.	Z24769	624.16	625.04	0.88	0.057	AGAT_FAICP		
625.04	**625.50**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Fine grained plagioclase phenocrysts ranging from 0.1-0.4cms in size. Phenocrysts ranging from sub euhedral to sub rounded. Very low sulphide content. Weak sericitic alteration via halos. Weak potassic alteration via halos.	Z24770	625.04	625.5	0.46	0.094	AGAT_FAICP		
625.50	**631.62**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Moderate to strong foliation fabric throughout unit. Strong sericitic/potassic alteration via pervasive flooding along foliation planes and halos. Weak to moderate chloritic alteration also present via dissemination. Numerous fine to medium grained garnets often present in aggregates or patches. Sulhide content is moderately low with both pyrite and pyrrhotite present Po 60 / Py 40. Sulphides are found in fine grained aggregates that trend with foliation fabric. A few thin undifferentiated quartz veins present with no increase in sulphide content. Unit has a slightly clotty appearance.	Z24771	625.5	626.7	1.2	0.143	AGAT_FAICP		
			Z24773	626.7	627.95	1.25	0.1	AGAT_FAICP		
			Z24774	627.95	628.95	1	0.046	AGAT_FAICP		
			Z24775	628.95	630.08	1.13	0.044	AGAT_FAICP		
			Z24776	630.08	630.95	0.87	0.023	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z24777	630.95	631.62	0.67	0.052	AGAT_FAICP		
631.62	**634.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** FGS contains a moderate amount of fine grained garnets throughout. A strong drop in biotite content from previous GBFG although biotite content is variable with a few short sections showing an increase. Moderate to strong riebeckite content in last 1.5m of unit in addition to an increase in sulphide content. Both pyrite and pyrrhotite are present in similar quantities Po 60 / Py 40. Sulphides are present in fine grained aggregates that trend with foliation. Foliation fabric is generally moderate throughout. Moderate sericitic/chloritic alteration via dissemination and veinlets with a sharp increase in lower 1.5m along with an increase in sulphide content.	Z24779	631.62	632.82	1.2	0.015	AGAT_FAICP		
			Z24780	632.82	633.38	0.56	0.031	AGAT_FAICP		
			Z24781	633.38	634.52	1.14	0.061	AGAT_FAICP		
634.52	**636.77**	**(QFP) Quartz Feldspar Porphyry, ( )** Moderate foliation fabric throughout unit. Fine to medium grained quartz phenocrysts ranging from 0.1-1.0 cm's with sub rounded to sub angular crystal habit. Very low sulphide content. Moderate to strong potassic/sericitic/chloritic alteration via dissemination/halos and pervasive flooding which often trends with foliation fabric.	Z24782	634.52	635.7	1.18	0.011	AGAT_FAICP		
			Z24783	635.7	636.77	1.07	0.037	AGAT_FAICP		
636.77	**638.85**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** QV2 with very low sulphide content. Could be labeled as a pegmatite but lacks well formed feldspar crystals with the Kspar present having a smeared/poorly formed habit. Short sections and slivers of QFP and lower contact unit FGSGB found throughout. Moderate potassic/sericitic alteration present along edges of biotite aggregates as well as stringers. A few fine grained amphibole specimens found throughout unit.	Z24784	636.77	637.32	0.55	0.005	AGAT_FAICP		
			Z24785	637.32	638.4	1.08	0.003	AGAT_FAICP		
			Z24787	638.4	638.85	0.45	0.028	AGAT_FAICP		
638.85	**640.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** FGS contains a moderate amount of fine grained garnets throughout. Foliation fabric is generally moderate throughout. Moderate sericitic/chloritic alteration via bands at high angle to core axis. Very low sulphide content with both pyrite and pyrrhotite present in similar quantities Py 50 / Po 50.	Z24788	638.85	639.85	1	0.044	AGAT_FAICP		
			Z24789	639.85	640.38	0.53	0.019	AGAT_FAICP		
640.38	**642.82**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Moderate to strong foliation fabric throughout. Open/gentle F2 folds throughout. Strong riebeckite presence. Moderate to strong sericicit/chloritic alteration via pervasive flooding along foliation planes. Moderate sulphide content with pyrite as the dominant variety Py 70 / Po 30. Sulphides are found in thin fine grained aggregates that trend with foliation. Thin pegmatitic sections throughout unit with no increase in sulphide content. Numerous fine grained garnets ranging from 0.1-0.3cm	Z24790	640.38	641.07	0.69	0.737	AGAT_FAICP		
			Z24791	641.07	642	0.93	0.153	AGAT_FAICP		
			Z24793	642	642.82	0.82	0.234	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
642.82	**643.43**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** FGS contains a moderate amount of fine grained garnets throughout. Foliation fabric is generally moderate throughout. Moderate sericitic/chloritic alteration via bands at high angle to core axis. Very low sulphide content with both pyrite and pyrrhotite present in similar quantities Py 50 / Po 50.	Z24794	642.82	643.43	0.61	0.033	AGAT_FAICP		
643.43	**643.92**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Moderate to strong foliation fabric throughout. Open/gentle F2 folds throughout. Moderate riebeckite presence. Weak to moderate to strong sericicit/chloritic alteration via pervasive flooding along foliation planes. Moderate sulphide content with pyrite as the dominant variety Py 70 / Po 30. Sulphides are found in thin fine grained aggregates that trend with foliation. Numerous fine grained garnets ranging from 0.1-0.3cm	Z24795	643.43	643.92	0.49	0.42	AGAT_FAICP		
643.92	**651.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS which could be labeled as a QFP. Fine to medium grained quartz phenocrysts ranging from 0.1-1.0cms are poorly formed with sub rounded to sub angular crystal habit. Moderate to strong potassic/sericitic alteration via dissemination and pervasive flooding along foliation planes as well as long veinlets which run more less parallel to core axis. Moderate chloritic alteration via dissemination. Unit contains several finer sections and is gradational. Moderate to strong foliation fabric throughout. Very low sulphide content	Z24796	643.92	645.25	1.33	0.018	AGAT_FAICP		
			Z24797	645.25	646.6	1.35	0.006	AGAT_FAICP		
			Z24799	646.6	648	1.4	0.107	AGAT_FAICP		
			Z24800	648	649.3	1.3	0.015	AGAT_FAICP		
			Z24801	649.3	650.7	1.4	0.032	AGAT_FAICP		
			Z24802	650.7	651.6	0.9	0.01	AGAT_FAICP		
651.60	**652.44**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is gradational from fine to medium grained. Qtz phenocrysts present in mid to lower portion of unit. Phenocrysts are poorly formed and range from 0.1-0.5cm with sub rounded to sub angular morphology. Moderate sericitic alteration via low angle veinlet. Very low sulphide content.	Z24803	651.6	652.45	0.85	0.014	AGAT_FAICP		
652.44	**653.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Upper contact is weakly defined due to gradational contact. Coarse grained FGS which could be labeled as a QFP. Fine to medium grained quartz phenocrysts ranging from 0.1-1.0cms are poorly formed with sub rounded to sub angular crystal habit. Weak to moderate sericitic alteration via dissemination as well as long veinlets which run more less parallel to core axis. Moderate to strong foliation fabric throughout. Very low sulphide content	Z24804	652.45	653.85	1.4	0.022	AGAT_FAICP		
653.85	**656.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Moderate foliation fabric throughout unit. Section is gradational from fine grained sections to moderately porphyritic sections revealing medium grained qtz phenocrysts ranging 0.1-0.6cm in size. Phenocrysts are poorly formed and exhibit sub rounded to sub angular morphologies. Thin barren pegmatitic veins up to 8cms. Sulphide content is low but	Z24805	653.85	655.04	1.19	0.17	AGAT_FAICP		
			Z24807	655.04	655.6	0.56	0.075	AGAT_FAICP		
			Z24808	655.6	656.1	0.5	0.21	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		ocassional fine grained pyrite specimen is present as well as very fine grained pyrite is visible trending with foliation fabric. Background amphibole content is low but observable. Weakly banded/conglomeratic appearance.	Z24809	656.1	656.6	0.5	0.063	AGAT_FAICP		
656.60	**659.53**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z24810	656.6	658.04	1.44	0.152	AGAT_FAICP		
		FGS with numerous quartz eyes present. Drop in biotite content from previous FGS units. Weak to moderate sericitic/potassic alteration via bands at high angle/stringers with a generally trending parallel to core axis. Foliation fabric is weak to moderate throughout. Very low sulphide content with ocassional fine grained pyrrhotite examples. Short barren pegmatite contained at lower contact.	Z24811	658.04	659.53	1.49	0.146	AGAT_FAICP		
659.53	**659.90**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z24813	659.53	659.9	0.37	0.598	AGAT_FAICP		
		Short potential FGC but could be a FGS with minor quartz flooding along foliation planes producing a conglomeratic appearance. Low sulphide content with pyrite as the dominant variety. Pyrite is fine grained and trends with foliation fabric. Weak to moderate sericitic alteration via veinlets at low angle.								
659.90	**662.43**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z24814	659.9	661.1	1.2	0.024	AGAT_FAICP		
		Pegmatite contains very coarse grained k-spar. Moderate chloritic alteration via veinlets at various angles. Very low sulphide content but ocassional fine grained pyrite/pyrrhotite present. Thin sections of FGS contained throughout. Ocassional fine grained amphiboles present.	Z24815	661.1	661.85	0.75	0.342	AGAT_FAICP		
			Z24816	661.85	662.43	0.58	0.315	AGAT_FAICP		
662.43	**665.97**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z24817	662.43	663.81	1.38	0.091	AGAT_FAICP		
		QFP could be a coarse FGS due to the gradational nature. Fine to medium grained qtz phenocrysts ranging from 0.1-0.7cms in size exhibiting sub rounded to sub angular morphology. Low sulphide content throughout unit with pyrite and pyrrhotite both present. Moderate to strong potassic/sericitic/chloritic alteration via thin bands at high angle to core axis as well as dissemination and pervasive flooding along foliation fabric.	Z24819	663.81	665.21	1.4	0.134	AGAT_FAICP		
			Z24820	665.21	665.97	0.76	0.203	AGAT_FAICP		
665.97	**667.88**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z24821	665.97	667.1	1.13	0.27	AGAT_FAICP		
		Potential conglomerate. Majority felsic clasts with ocassional amphibolitic clasts. Sulphide content is moderate with both pyrite and pyrrhotite present with fine and medium sized specimens present. Moderate sericitic/potassic alteration via dissemination/halos and stringers more less at moderate angle to core axis. Foliation fabric is weak to moderate throughout with numerous gentle F2 folds	Z24822	667.1	667.88	0.78	0.203	AGAT_FAICP		
667.88	**668.73**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z24823	667.88	668.73	0.85	0.183	AGAT_FAICP		
		QFP could be a coarse FGS due to the gradational nature. Fine to medium grained qtz								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		phenocrysts ranging from 0.1-0.4 cms in size exhibiting sub rounded to sub angular morphology. Low sulphide content throughout unit with pyrite and pyrrhotite both present. Moderate to strong potassic/sericitic/chloritic alteration via thin bands at high angle to core axis as well as dissemination and pervasive flooding along foliation fabric.								
668.73	**669.09**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	Z24824	668.73	669.09	0.36	0.056	AGAT_FAICP		
		Short QV2 with weak pegmatitic appearance. Fine grained K-spar is poorly formed. Fine grained amphiboles contained throughout unit. Low sulphide content but pyrite and pyrrhotite are both present in similar quantities.								
669.09	**670.00**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z24825	669.09	669.91	0.82	0.09	AGAT_FAICP		
		QFP could be a coarse FGS due to the gradational nature. Fine to medium grained qtz phenocrysts ranging from 0.1-0.7cms in size exhibiting sub rounded to sub angular morphology. Low sulphide content throughout unit with pyrite and pyrrhotite both present. Moderate to strong potassic/sericitic/chloritic alteration via dissemination and pervasive flooding along foliation fabric as well as stringers at low angled to core axis. Small patches of amphibolite present								
670.00	**672.13**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	Z24827	669.91	670.6	0.69	0.037	AGAT_FAICP		
		QV: medium to dk grey qz w/ 35% pink fsp grains w/ mostly rounded edges: resembles PEG; weak to moderte brecciation; 5% bi as infill to brecciation; including one 1.5cm wd in qz vn fault breccia filled w/ bi from 670.74-670.81; 0.25% py w/ py grains euhedral to rounded; ct's 40/45dtca prll to fol in surrounding intervals	Z24828	670.6	671.3	0.7	0.037	AGAT_FAICP		
			Z24829	671.3	672.13	0.83	0.014	AGAT_FAICP		
672.13	**684.56**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z24830	672.13	673	0.87	0.041	AGAT_FAICP		
		QFP: dark grey w/ 20% mostly rounded moslty lt grey phenocrysts up to 4mm dia; mod to strong foliation 30-45dtca; weakly brecciated w/ fracutres mostly prll to fol w/ k spar & ser haloes; broken core from 682.49-682.73 w/ fractures w/ varying orientations; 5% med to dk grey boudinaged qz vns w/ fsp prll to fol; some transparent type & some w/ py; 20% bi including cg bi; 3% py; weak to mod k spar alt; weak ser alt	Z24831	673	674	1	0.024	AGAT_FAICP		
			Z24833	674	675	1	0.01	AGAT_FAICP		
			Z24834	675	676	1	0.01	AGAT_FAICP		
			Z24835	676	677	1	0.017	AGAT_FAICP		
			Z24836	677	678	1	0.097	AGAT_FAICP		
			Z24837	678	679	1	0.021	AGAT_FAICP		
			Z24839	679	680	1	0.025	AGAT_FAICP		
			Z24840	680	681	1	0.131	AGAT_FAICP		
			Z24841	681	682	1	0.065	AGAT_FAICP		
			Z24842	682	683	1	0.101	AGAT_FAICP		
			Z24843	683	684	1	0.687	AGAT_FAICP		
			Z24844	684	684.56	0.56	1.12	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
684.56	**685.03**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS: dark grey; weakly foliated 45dtca; 18% bi; 4% f-mg py	Z24845	684.56	685.03	0.47	0.629	AGAT_FAICP		
685.03	**685.36**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** LAMP: medium green; massive w/ 25% xenoliths up to 2mm dia; nonmagnetic; low sulphide min content; ct's 47/37dtca w/ upper ct perp to fol in above interval	Z24847	685.03	685.36	0.33	0.023	AGAT_FAICP		
685.36	**686.38**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** QV: lt to medium grey qz w/ 4% pink k spar & 2% lt green plagioclase; 0.25% bi; 0.5% f-mg rounded py; ct's 37/33dtca w/ lower ct roughly prll to fol	Z24848	685.36	686.38	1.02	0.018	AGAT_FAICP		
686.38	**691.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** FGS: medium grey; weak foliation 30-40dtca; 3 granitic PEG vns 14; 21 & 19cm wd w/ irregular ct's; 18% bi; 5% mu; 5% ga; 18% rie from 690-691.1; 1% py; 2% po; weak to mod ser alt as haloes of fractures w/ varying orientations; mod to strong perv k spar alt from 690.7-691.1	Z24849	686.38	687.5	1.12	1.04	AGAT_FAICP		
			Z24850	687.5	688.5	1	0.382	AGAT_FAICP		
			Z24851	688.5	689.5	1	0.798	AGAT_FAICP		
			Z24853	689.5	690.5	1	2.41	AGAT_FAICP		
			Z24854	690.5	691.1	0.6	0.285	AGAT_FAICP		
691.10	**692.12**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** LAMP: brownish medium green; weak to moderate brecciaton prll to upper ct; nonmagnetic; low sulphide min content; one 3cm wd boudinaged granitic PEG vn; ct's 44/40dtca w/ upper ct prll to fol in interval above; lower ct oblique to fol in interval below	Z24855	691.1	692.12	1.02	0.177	AGAT_FAICP		
692.12	**692.80**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG: flooding type PEG vn; 20% dk grey qz w/ beige to pink fsp; moderate brecciation w/ brecciation decreasing w/ depth; 1% mu; 2% si; 8% rie; low sulphide min content; PEG has moderate to strong sericitization w/ sericitization increasing w/ depth; lower ct prll to fol in interval below	Z24856	692.12	692.8	0.68	0.515	AGAT_FAICP		
692.80	**694.08**	**(FGG) Felsic Gneiss Granitic, ( )** FGG: medium beige w/ pink areas; moderately foliated 40dtca; 4% bi; 1% mu; 0.5% py; moderate to strong perv ser alt; mod to strong perv k spar alt	Z24857	692.8	693.5	0.7	0.971	AGAT_FAICP		
			Z24859	693.5	694.08	0.58	0.759	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
694.08	**695.42**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z24860	694.08	695	0.92	2.14	AGAT_FAICP		
GBFG: dark brown; weak foliation 45dtca; weak to moderate brecciation; 4% dk gy qz vns up to 2cm wd prll to fol; 18% bi; 1% mu; 1% ga; 7% py w/ py strs prll to fol; weak pathcy perv ser alt			Z24861	695	695.42	0.42	1.58	AGAT_FAICP		
695.42	**697.22**	**(FGG, FGS) Felsic Gneiss Granitic, Felsic Gneiss Sedimentary, ( )**	Z24862	695.42	696	0.58	0.726	AGAT_FAICP		
			Z24863	696	696.5	0.5	0.57	AGAT_FAICP		
FGG: lt beige to pink; moderate foliation 35-60dtca w/ foliation angle increasing w/ depth; 2% bi; 1% mu; 3% sl; 1% py; strong perv ser alt; mod to strong perv k spar alt; 9% med gy FGS interval from 696.57-696.74 w/ 20% bi			Z24864	696.5	697.22	0.72	0.424	AGAT_FAICP		
697.22	**700.88**	**(FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )**	Z24865	697.22	698	0.78	0.69	AGAT_FAICP		
			Z24867	698	699	1	0.161	AGAT_FAICP		
FGS: dark grey; weakly foliated 60dtca; weakly brecciated; diffuse flooding of PEG vn w/ 50% qz from 697.22-697.34; 4% bi; 1% py; 0.5% po; 10% LAMP vn from 689.12-698.89 w/ irregular margins up to 5cm wd roughly prll to ca; also 0.5cm wd LAMP vn from 700.65-700.82 oblique to fol; weak to moderate ser alt as haloes of fractures w/ varying orientations			Z24868	699	700	1	1.15	AGAT_FAICP		
			Z24869	700	700.88	0.88	0.311	AGAT_FAICP		
700.88	**706.85**	**(MAM) Mottled Amphibolite, ( )**	Z24870	700.88	701.5	0.62	0.63	AGAT_FAICP		
			Z24871	701.5	702	0.5	0.642	AGAT_FAICP		
MAM: dark grey green; strongly foliated 55-60dtca; strongly brecciated; 3% transparent type med to dk grey qz vns up to 5cm wd many w/ py: these vns discontinuous & not prll to fol; also 30% moslty wispy & discontinuous scapolite & plag vns prll to fol up to 2.5cm wd; 55% am; 7% mg cpx w/ patchy distribution; 5% py;			Z24873	702	703	1	0.798	AGAT_FAICP		
			Z24874	703	704	1	1.01	AGAT_FAICP		
			Z24875	704	705	1	0.783	AGAT_FAICP		
			Z24876	705	706	1	1.28	AGAT_FAICP		
			Z24877	706	706.85	0.85	1.07	AGAT_FAICP		
706.85	**707.96**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z24879	706.85	707.96	1.11	1.09	AGAT_FAICP		
FGS: dark grey; moderate foliation 60dtca; weak brecciation w/ brecciation highest near lower ct w/ PEG; 8% bi including cg bi w/ bi content increasing w/ depth; 8% am surrounded by siliceous areas; 4% py w/ py strs prll to fol; weak ser alt as haloes of fractures w/ varying orientations										
707.96	**708.35**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z24880	707.96	708.35	0.39	0.124	AGAT_FAICP		
PEG: 35% med to dk grey qz w/ lt grey; lt green & pink fsp; 3% bi; 0.1% py; 2% po; ct's prll to fol in surrounding intervals										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
708.35	**718.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS: dark grey; 2% qz eyes up to 4mm dia w/ amt of qz eyes decreasing w/ depth; weakly foliated 45-55dtca; weakly brecciated; 8% qz rich PEG vns up to 13cm wd & @ varying angles to fol; 18% bi; bi is mostly f-mg w/ cg bi mostly near qz vns; 2% am w/ patchy distribution; 1% py; 3% po w/ po in am rich areas; weak to mod ser alt & weak k spar alt both as haloes of vns w/ varying orientations	Z24881	708.35	709.5	1.15	2.18	AGAT_FAICP		
			Z24882	709.5	710.5	1	0.429	AGAT_FAICP		
			Z24883	710.5	711.5	1	0.401	AGAT_FAICP		
			Z24884	711.5	712.5	1	0.24	AGAT_FAICP		
			Z24885	712.5	713.5	1	0.24	AGAT_FAICP		
			Z24887	713.5	714.5	1	0.338	AGAT_FAICP		
			Z24888	714.5	715.5	1	0.316	AGAT_FAICP		
			Z24889	715.5	716.5	1	0.421	AGAT_FAICP		
			Z24890	716.5	717.5	1	0.632	AGAT_FAICP		
			Z24891	717.5	718.5	1	0.275	AGAT_FAICP		
718.50	**718.99**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV: 3 qz vns 5; 1 & 13cm wd perp; prll & prll to fol resp; med to dk gy qz; 40% med gy FGS; 10% bi; 0.1% py; 3% po; Core review AJ 1-27-2020 - assays back at 0.47gpt Au; vein appears texturally similar to typical QV1s observed elsewhere but low grade suggests QV2 in genesis?	Z24893	718.5	718.99	0.49	0.47	AGAT_FAICP		
718.99	**728.83**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS: medium to dark grey; weakly foliated 30-45dtca; 4% qz rich PEG vns up to 4cm wd; 2% med to dk gy qz vns up to 3cm wd w/ varying orientations some w/ py; also weak to mod perv si alt; 18% bi; 2% am; 1% mu; 0.3% py; 2% po; weak to mod ser alt & weak k spar alt both as haloes of fractures w/ varying orientations; 4% AMP intervals up to 20cm wd	Z24894	718.99	720	1.01	0.619	AGAT_FAICP		
			Z24895	720	721	1	0.261	AGAT_FAICP		
			Z24896	721	722	1	0.506	AGAT_FAICP		
			Z24897	722	723	1	0.222	AGAT_FAICP		
			Z24899	723	724	1	0.262	AGAT_FAICP		
			Z24900	724	725	1	0.205	AGAT_FAICP		
			Z24901	725	726	1	0.161	AGAT_FAICP		
			Z24902	726	727	1	0.204	AGAT_FAICP		
			Z24903	727	728	1	0.096	AGAT_FAICP		
			Z24904	728	728.83	0.83	0.17	AGAT_FAICP		
728.83	**729.19**	**(UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke** LAMP: 6cm wd; brownish greeen; 15% xenoliths up to 2mm dia; nonmagnetic; low sulphide min content; ct's 15/20dtca perp to fol in surrounding intervals; 40% med grey FGS w/ rie	Z24905	728.83	729.19	0.36	0.03	AGAT_FAICP		
729.19	**735.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z24907	729.19	730	0.81	1.56	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		FGS: med to dk grey; 2% qz eyes up to 5mm dia; moderate foliation 40-50dtca; 20% bi; 0.5% local am; 0.5% py; 1% po; weak ser alt as haloes of fractures w/ varying orientations	Z24908	730	731	1	0.115	AGAT_FAICP		
			Z24909	731	732	1	0.084	AGAT_FAICP		
			Z24910	732	733	1	0.137	AGAT_FAICP		
			Z24911	733	734	1	0.0005	AGAT_FAICP		
			Z24913	734	735.2	1.2	0.304	AGAT_FAICP		
735.20	**737.52**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	Z24914	735.2	736	0.8	0.342	AGAT_FAICP		
		FGS: medium grey to pinkish beige; weak to moderate fol 40-50; 20% bi; 2% mu; 0.3% py; 0.5% po; weak to moderate ser alt as haloes of fractures w/ varying orientations; mod perv si alt	Z24915	736	737	1	0.279	AGAT_FAICP		
			Z24916	737	737.52	0.52	0.215	AGAT_FAICP		
737.52	**740.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z24917	737.52	738	0.48	0.084	AGAT_FAICP		
		FGS: dark grey; moderate foliation 40-50dtca; one 20cm wd qz rich PEG vn; 20% bi; bi is mostly f-mg w/ cg bi near PEG vn; 0.3% py; 0.3% po; 2.5cm wd LAMP vn perp to fol from 738.42-738.67; weak ser & k spar alt both as haloes of fractures w/ varying orientations	Z24919	738	739	1	0.156	AGAT_FAICP		
			Z24920	739	740	1	0.092	AGAT_FAICP		
			Z24921	740	740.7	0.7	0.116	AGAT_FAICP		
740.70	**741.34**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	Z24922	740.7	741.51	0.81	0.105	AGAT_FAICP		
		QV: medium to dk grey w/ 18% lt pink & 0.5% lt green fsp; fsp grains have rounded margins; fsp content decreases gradually w/ depth & resembles PEG near upper ct; 4% bi; 0.5% mu; low sulphide min content								
741.34	**741.51**	**(FGG) Felsic Gneiss Granitic, ( )**								
		FGG: pinkish medium beige; weakly brecciated; 7% bi; 4% mu; 4% py; medium ser & k spar alt both perv & as haloes of fractures w/ varying orientations								
741.51	**741.84**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z24923	741.51	741.84	0.33	0.039	AGAT_FAICP		
		LAMP: yellowish green & banded prll to ct's; nonmagnetic; low sulphide min content; lower ct prll to fol in interval below								
741.84	**742.51**	**(FGG) Felsic Gneiss Granitic, ( )**	Z24924	741.84	742.51	0.67	0.084	AGAT_FAICP		
		FGG: medium to dark beige to pink; weak foliation 45dtca; 5% bi; 2% mu; 2% py; weak to mod ser alt; mod k sapr alt both as bands prll to fol; 2 LAMP vns 0.5 & 1.5cm wd both oblique to fol								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
742.51	**742.86**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** QV: lt to dk grey; mostly lt grey qz w/ 7% lt pink fsp grains w/ rounded edges; 1% bi; 0.1% mu; low sulphide min content; ct's prll to fol in surrounding intevals	Z24925	742.51	742.86	0.35	0.024	AGAT_FAICP		
742.86	**744.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS: dark grey; weakly foliated 35-45dtca; 20% bi w/ some local cg bi; low sulphide min content; weak ser alt as haloes of fractures w/ varying orientations	Z24927	742.86	743.5	0.64	0.035	AGAT_FAICP		
			Z24928	743.5	744.23	0.73	0.042	AGAT_FAICP		
744.23	**744.58**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV: dk grey qz w/ 30% lt pink to white fsp grains w/ rounded margins; 7% bi; 1% mu; 0.1% py; 0.3% po; upper & lower ct's perp & prll to fol in surrounding intervals resp; Core review AJ 1-27-2020 - assays back show 0.047gtp Au and vein appears to be more PEGQZ-textured than QV1; very little smokey-grey/transluscent QZ and lack of inclusions of AMP+BIO suggest this vein is of later timing not directly related to mineralization	Z24929	744.23	744.58	0.35	0.047	AGAT_FAICP		
744.58	**749.77**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS: dark grey; moderately foliated; 5% medium gy qz vns up to 3cm wd; 3% qz rich PEG vns up to 9cm wd; both types of vns prll to fol some w/ po; 18% bi; 0.3% po; weak ser alt as haloes of fracutes w/ varying orientations; 6.5cm wd green LAMP vn from 745.51-745.79 perp to fol	Z24930	744.58	745.05	0.47	0.052	AGAT_FAICP		
			Z24931	745.05	746	0.95	0.053	AGAT_FAICP		
			Z24933	746	747	1	0.039	AGAT_FAICP		
			Z24934	747	748	1	0.069	AGAT_FAICP		
			Z24935	748	749	1	0.07	AGAT_FAICP		
			Z24936	749	749.77	0.77	0.083	AGAT_FAICP		
749.77	**750.21**	**(FGG) Felsic Gneiss Granitic, ( )** FGG: light to medium beige; weak foliation 30dtca; 8% irregular discontinuous granitic PEG vns up to 4cm wd 7% mu; 1% py; 1% po; mod perv ser alt	Z24937	749.77	750.21	0.44	0.319	AGAT_FAICP		
750.21	**750.52**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG: 11cm wd; 30% dk grey qz w/ white to lt green fsp; 3% bi; 2% mu; low sulphide min content; ct's perp to fol in surrounding intervals	Z24939	750.21	750.52	0.31	0.264	AGAT_FAICP		
750.52	**750.91**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS: dk grey; 15% qz eyes up to 4mm dia; weak foliation 45dtca; 8% bi; 4% po	Z24940	750.52	750.91	0.39	0.298	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
750.91	**752.06**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG: 40% med to dk grey qz; light pink to beige; moderately foliated 40-45dtca; moderate to strong brecciation; medium to vc grained; 1% mu; 2% sl; low sulphide min content; moderately sericitized: stronger near lower ct; ct's 45/35dtca prll to fol in surrounding intervals; Core review AJ 1-27-2020 - Assays back show this vein ran 20.7gpt Au and is definitely a PEG; surrounding lith appears to be altered resultant of veining with 1-2% MUSC along vein margins and in vein matrix	Z24941	750.91	751.5	0.59	20.7	AGAT_FAGRA		
			Z24942	751.5	752.06	0.56	0.374	AGAT_FAICP		
752.06	**752.63**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS: medium to dark grey; 5% qz eyes up to 5mm dia; weak to moderate fol 40dtca; 10% bi; 0.5% py; 1% po; mod ser alt as haloes of fractures w/ varying orientations & perv: perv ser alt increases w/ depth so that lower ct w/ FGG is not very sharp	Z24943	752.06	752.63	0.57	0.051	AGAT_FAICP		
752.63	**753.78**	**(FGG) Felsic Gneiss Granitic, ( )** FGG:light grey; weak foliation 40dtca; 8% bi; 5% mu; 0.3% py; 0.5% po; mod si alt; weak ser & k spar alt as haloes of fractures moslty prll to fol	Z24944	752.63	753.1	0.47	0.115	AGAT_FAICP		
			Z24945	753.1	753.78	0.68	0.155	AGAT_FAICP		
753.78	**755.33**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** PEG: 50% med to dk grey qz w/ qz content increasing w/ depth & lt pink; strongly brecciated; grains have rounded margins; 18% med grey FGSBI; 3% bi; 2% mu; 2% sl; 2% bright green to white talc in eyes up to 1.2cm dia; sl & ta contnet decreases w/ depth; 0.2% py; 0.2% po w/ sulphides mostly in FGS areas; ct's prll to fol in surrounding intervals	Z24947	753.78	754.5	0.72	0.061	AGAT_FAICP		
			Z24948	754.5	755.33	0.83	0.202	AGAT_FAICP		
755.33	**756.23**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS: dark grey; 8% qz eyes up to 3mm dia; weak foliation varies from 0-30dtca; 4% bi; 0.3% py; 1% po; weak to mod ser alt as haloes of fractures w/ varying orientations	Z24949	755.33	756.23	0.9	0.03	AGAT_FAICP		
756.23	**756.70**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG: 30% medium to dk grey qz w/ pink to white to beige fsp; strongly brecciated & strongly foliated 20-55dtca; 3% bi; 3% green talc in pods prll to fol; low sulphide min content; mod to strong sericitization; upper & lower ct's perp & prll to fol in surrounding intervals resp	Z24950	756.23	756.7	0.47	0.071	AGAT_FAICP		
756.70	**758.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z24951	756.7	757.47	0.77	0.084	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to coarse grained FGS/PEG unit. Moderate to strong sericitic/potassic alteration via stringers/dissemination and halos. Low sulphide content with both pyrite and pyrrhotite present in similar quantities. Two small pegmatites are contained from 757.40-757.90ms. Small depletion halos due to fine grained amphibole specimens. Foliation fabric is heavily distorted by pegmatitic veining.	Z24953	757.47	758.4	0.93	0.042	AGAT_FAICP	
758.40	**759.65**	**(DIA) Diabase Dike, ( )** Diabase with sharp upper and lower contacts. Fine grained plagioclase phenocrysts throughout. Very low sulphide content. Moderate to strong sericitic/chloritic alteration near upper and lower contacts via stringers.	Z24954	758.4	759.65	1.25	0.009	AGAT_FAICP	
759.65	**760.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** UMD-Lamprophyre contains upper and lower chill margins. Fine to medium grained qtz/carbonate amygdules throughout. Thin quartz/carbonate veinlets crosscut at various angles. Very low sulphide content.	Z24955	759.65	760.5	0.85	0.017	AGAT_FAICP	
760.50	**763.08**	**(QFP) Quartz Feldspar Porphyry, ( )** Fine to medium grained qtz phenocrysts ranging from 0.1-1.0 cms in size with most exhibiting a sub rounded - sub angular morphology. Moderate to strong sericitic alteration via bands/halos/stringers running at low angle to core axis. Foliation fabric is weak to moderate throughout. Very low sulphide content. Minor background amphibole content observable.	Z24956 Z24957	760.5 761.77	761.77 763.08	1.27 1.31	0.018 0.014	AGAT_FAICP AGAT_FAICP	
763.08	**763.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** A few porphyroblasts from the above QFP present. Weak to moderate foliation fabric present throughout. Moderate sericitic alteration via stringers. Very low sulphide content.	Z24959	763.08	763.45	0.37	0.018	AGAT_FAICP	
763.45	**764.42**	**(FGC) Felsic Gneiss Conglomerate, ( )** Clast supoorted monomictic conglomerate. Clasts are all felsic with little variation chemically. High biotite content surrounding clasts/matrix. Weak amphibole content throughout unit. Moderately low pyrrhotite content via thin fine grained aggregates that trend with foliation fabric. Some bands appear to be clasts but are in fact depletion halos with fine graine amphiboles concentrated in the center. Moderate sericitic alteration via halos and stringers.	Z24960	763.45	764.42	0.97	0.084	AGAT_FAICP	
764.42	**765.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains weak to moderate foliation fabric. Very fine to fine grained qtz phenocrysts ranging from 0.1-0.5cms in size. Majority of phenocrysts range from sub rounded to sub angular. Minor background amphibole content observable. Moderate to strong sericitic alteration via stringers and halos. Very low sulphide content.	Z24961	764.42	765.1	0.68	0.066	AGAT_FAICP	

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
765.10	**765.57**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** QV2 with very low sulphide content. Trace fine to medium grained green plagioclase species present but very low quantity. One patch of biotite present. Very boring QV2	Z24962	765.1	765.57	0.47	0.007	AGAT_FAICP		
765.57	**767.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS is lightly gradational from coarser to finer texture with a general trend of fining towards lower contact. Background amphibole content is weak to moderate. Also cm sized aggregates of amphibole present. Weak to moderate sericitic/potassic alteration via halos/stringers/dissemination. Very low sulphide content. Weak to moderate foliation fabric throughout. Minor depletion halos due to amphibole specimens. Short amphibolite present from 766.8-766.90.	Z24963	765.57	766.8	1.23	0.012	AGAT_FAICP		
			Z24964	766.8	767.7	0.9	0.013	AGAT_FAICP		
767.70	**769.30**	**(DIA) Diabase Dike, ( )** Diabase contains very fine grained plagioclase phenocrysts. Upper and lower chill margins present. Weak to moderate sericitic alteraiton via bands and stringers.	Z24965	767.7	768.6	0.9	0.014	AGAT_FAICP		
			Z24967	768.6	769.3	0.7	0.016	AGAT_FAICP		
769.30	**769.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains weak to moderate foliation fabric. Very low sulphide content. Weak chloritic alteration at upper contact with diabase. Weakly porphyritic texture due to poorly formed quartz phenocrysts ranging from 0.1-0.4cms in size with the majority exhibiting sub rounded morphology	Z24968	769.3	769.65	0.35	0.032	AGAT_FAICP		
769.65	**770.90**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** QV2 with numerous slivers of surrounding FGS and FGC units. Moderate to strong sericitic/chloritic/potassic alteration via thin veinlets at high angle to core axis. Very low sulphide content with most examples being present within slivers of alternate lithologies. Pyrite and pyrrhotite are both present in similar quantites Po 60 / Py 40. Clarity of vein is translucent.	Z24969	769.65	770.9	1.25	0.018	AGAT_FAICP		
770.90	**772.46**	**(FGS) Felsic Gneiss Sedimentary, ( )** Unit contains a moderate to strong QFP appearance but is likely a volcano-sediment sequence. Unit is gradational from coarse to fine grained patches as well as containing a few amphibole pods along the way in addition to a 10cm FGC at the top of the unit and a thick FGC unit at the lower contact. Therefore unit has been labeled as a coarse grained FGS. Protolith likely a welded dacitic tuff with volcanic lapilli/bombs producing isolated pods. Background amphibole content is moderate as well as the occasional amphibole pod. Low sulphide content with pyrite as the main constiuent Py 70 / Po 30. Moderate foliation fabric throughout. Quartz phenocrysts are poorly formed/mainly sub rounded and range from 0.1-0.75cms in size. Weak to moderate sericitic and potassic alteration via dissemination.	Z24970	770.9	771.85	0.95	0.06	AGAT_FAICP		
			Z24971	771.85	772.46	0.61	0.028	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
772.46	**775.45**	**(FGC) Felsic Gneiss Conglomerate, ( )** Clast supported polymictic conglomerate. Clasts range from felsic to mafic varities. Matrix is also a combination of felsic and mafic material - cpx and amp. Sulphide content is moderate with both pyrite and pyrrhotite present Po 80 / Py 20. Foliation fabric is moderate to strong throughout unit. Passive folding and boudinage present. Occasional fine grained garnet observable. Weak sericitic alteraiton via stringers.	Z24973	772.46	773.89	1.43	0.09	AGAT_FAICP		
			Z24974	773.89	774.7	0.81	0.096	AGAT_FAICP		
			Z24975	774.7	775.45	0.75	0.069	AGAT_FAICP		
775.45	**776.65**	**(FGS) Felsic Gneiss Sedimentary, ( )** Unit appears to be a welded dacitic tuff with mafic lapilli. FGS is coarse grained due to poorly formed quartz phenocrysts with the majority exhibiting sub rounded morphology. Moderate background amphibole content as well as some medium sized examples. Sulphide content is moderately low with pyrite and pyrrhotite both present in similar quantities. Weak to moderate foliatoin fabric throughout. Short section with light quartz veining and a noticeable increase in sulphide content.	Z24976	775.45	776.65	1.2	0.025	AGAT_FAICP		
776.65	**780.00**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuation of previous FGC unit. Clast supported polymictic conglomerate. Clasts range from felsic to mafic varities. Matrix is also a combination of felsic and mafic material - cpx and amp. Sulphide content is moderate with both pyrite and pyrrhotite present Po 80 / Py 20. Foliation fabric is moderate to strong throughout unit. Passive folding and boudinage present. Occasional fine grained garnet observable. Weak sericitic alteraiton via stringers.	Z24977	776.65	777.98	1.33	0.371	AGAT_FAICP		
			Z24979	777.98	779	1.02	0.043	AGAT_FAICP		
			Z24980	779	780	1	0.041	AGAT_FAICP		
780.00	**785.15**	**(DIO) Diorite, ( )** Unit contains a moderate to strong dioritic fabric which could sway the unit to a QFP or a DIOAM however the unit is gradational especially in lower sections leading to the conclusion it likely is a coarse grained volcano-felsic sediment such as a welded dacitic tuff. Large amphibole/cpx pods with one example reaching 20 cms in length could be remnants of bombs and lapilli. Description - Fine to medium grained quartz-feldspar phenocrysts ranging from 0.1-0.7cms with the a morphology range of sub rounded to sub angular. Amphibole content is variable throughout unit ranging from 4-10% with fine grained disseminated examples within the matrix as well as large pods ranging from 1.0-20.0 cms. Very low sulphide content with both pyrite and pyrrhotite present. Weak to moderate sericitic/potassic alteration via stringers/veinlets that crosscut the unit at various angles. Foliation fabric is weak to moderate throughout.	Z24981	780	781.42	1.42	0.007	AGAT_FAICP		
			Z24982	781.42	782.9	1.48	0.005	AGAT_FAICP		
			Z24983	782.9	784.32	1.42	0.038	AGAT_FAICP		
			Z24984	784.32	785.15	0.83	0.016	AGAT_FAICP		
785.15	**785.56**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Qtz 45 K-Spar 35 Bio 6. Barren pegmatite. Very coarse grained K-Spar.	Z24985	785.15	785.56	0.41	0.008	AGAT_FAICP		
785.56	**792.18**	**(DIO) Diorite, ( )** Same as previous potential diorite. Fine to medium grained quartz-feldspar phenocrysts	Z24987	785.56	787	1.44	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		ranging from 0.1-0.7cms with the a morphology range of sub rounded to sub angular. Amphibole content is variable throughout unit ranging from 4-10% with fine grained disseminated examples within the matrix as well as large pods ranging from 1.0-20.0 cms. Very low sulphide content with both pyrite and pyrrhotite present. Weak to moderate sericitic/potassic alteration via stringers/veinlets that crosscut the unit at various angles. Foliation fabric is weak to moderate throughout. Could be a more porphyritic version of the above mineralization DIOAM/FGS unit.	Z24988	787	788.4	1.4	0.01	AGAT_FAICP		
			Z24989	788.4	789.85	1.45	0.007	AGAT_FAICP		
			Z24990	789.85	791.3	1.45	0.007	AGAT_FAICP		
			Z24991	791.3	792.18	0.88	0.009	AGAT_FAICP		
792.18	**793.94**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z24993	792.18	793.3	1.12	0.005	AGAT_FAICP		
		Lamprophyre contains upper and lower chill margins. Fine to coarse grained carbonate amygdules throughout. Lightly magnetic. Thin veinlets of moderate chloritic alteration crosscut the unit.	Z24994	793.3	793.94	0.64	0.004	AGAT_FAICP		
793.94	**807.15**	**(DIO) Diorite, ( )**	Z24995	793.94	795.35	1.41	0.034	AGAT_FAICP		
		Continuation of previous diorite unit. Unit fines towards lower contact. Fine to medium grained quartz-feldspar phenocrysts ranging from 0.1-0.7cms with the a morphology range of sub rounded to sub angular. Amphibole content is variable throughout unit ranging from 4-10% with fine grained disseminated examples within the matrix as well as large pods ranging from 1.0-20.0 cms. Very low sulphide content with both pyrite and pyrrhotite present. Weak to moderate sericitic/potassic alteration via halos/stringers/veinlets that crosscut the unit at various angles. Foliation fabric is weak to moderate throughout. Could be a more porphyritic version of the above mineralization DIOAM/FGS unit.	Z24996	795.35	796.85	1.5	0.019	AGAT_FAICP		
			Z24997	796.85	798.3	1.45	0.013	AGAT_FAICP		
			Z24999	798.3	799.55	1.25	0.012	AGAT_FAICP		
			Z25000	799.55	801	1.45	0.02	AGAT_FAICP		
			Z25001	801	802.35	1.35	0.026	AGAT_FAICP		
			Z25002	802.35	803.66	1.31	0.019	AGAT_FAICP		
			Z25003	803.66	804.9	1.24	0.008	AGAT_FAICP		
			Z25004	804.9	805.9	1	0.008	AGAT_FAICP		
			Z25005	805.9	807.15	1.25	0.008	AGAT_FAICP		
807.15	**808.65**	**(DIA) Diabase Dike, ( )**	Z25007	807.15	808.65	1.5	0.005	AGAT_FAICP		
		Diabase contains fine grained plagioclase. Non magnetic. Very low sulphide. Moderate sericitic alteration via stringers. Carbonate veinlets crosscut the unit.								
808.65	**810.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25008	808.65	809.77	1.12	0.01	AGAT_FAICP		
		FGS contains moderate background amphibole content as well as a large 26 cm amphibolite seciton 809.82-810.08. Moderate to strong potassic alteration via halos/stringers/veinlets. Low sulphide content with both pyrite and pyrrhotite present in similar quantities. Weak to moderate folation fabric.	Z25009	809.77	810.4	0.63	0.028	AGAT_FAICP		
810.40	**810.86**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z25010	810.4	810.86	0.46	0.013	AGAT_FAICP		
		Clast supported FGC with felsic-mafic cobbles as well as felsic and mafic matrix. Low sulphide content with both pyrite and pyrrhotite present in similar quantities. Foliation fabric is moderate throughout but passive folding has distorted S1 fabric. Minor depletion halos								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		exhibit a banded appearance due to S1. Weak to moderate potassic alteration bands at lower contact.								
810.86	**811.87**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z25011	810.86	811.87	1.01	0.005	AGAT_FAICP		
		Pegmatite contains numerous shorts sections of FGC. Likely a migmatitic. Moderate to strong potassic alteraiton via veinlets and stringers that crosscut the unit. Very low sulphide content. Qtz 35 K-Spar 40 FGC 10 Bio 6								
811.87	**815.54**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z25013	811.87	813.12	1.25	0.019	AGAT_FAICP		
		Clast supported FGC with felsic-mafic cobbles as well as felsic and mafic matrix. Low sulphide content with both pyrite and pyrrhotite present in similar quantities Po 60 / Py 40. Foliation fabric is moderate throughout but passive folding has distorted S1 fabric. Minor depletion halos exhibit a banded appearance due to S1. Weak sericitic alteration via halos and stringers.	Z25014	813.12	814.42	1.3	0.033	AGAT_FAICP		
			Z25015	814.42	815.54	1.12	0.115	AGAT_FAICP		
815.54	**817.13**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25016	815.54	816.32	0.78	0.014	AGAT_FAICP		
		Weak to moderate dioritic fabric due to poorly formed qtz phenocrysts ranging from 0.1-0.4cms in size with the majority exhibiting sub rounded morphology. Very low sulphide content. Weak to moderate potassic/sericitic alteration via stringers and halos. Foliation fabric is weak to moderate.	Z25017	816.32	817.13	0.81	0.006	AGAT_FAICP		
817.13	**824.34**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z25019	817.13	817.9	0.77	0.058	AGAT_FAICP		
		Clast supported FGC with felsic-mafic cobbles as well as felsic and mafic matrix. Low sulphide content with both pyrite and pyrrhotite present in similar quantities Po 60 / Py 40. Short pegmatite contained from 819.56-819.76ms Qtz 45 K-Spar 40 Bio 6. Foliation fabric is moderate throughout but passive folding has distorted S1 fabric. Minor depletion halos exhibit a banded appearance due to S1. Weak to moderate sericitic alteration via halos and stringers.	Z25020	817.9	819.16	1.26	0.051	AGAT_FAICP		
			Z25021	819.16	820.48	1.32	0.042	AGAT_FAICP		
			Z25022	820.48	821.6	1.12	0.027	AGAT_FAICP		
			Z25023	821.6	822.52	0.92	0.028	AGAT_FAICP		
			Z25024	822.52	823.3	0.78	0.025	AGAT_FAICP		
			Z25025	823.3	824.34	1.04	0.029	AGAT_FAICP		
824.34	**826.27**	**(DIA) Diabase Dike, ( )**	Z25027	824.34	825.37	1.03	0.004	AGAT_FAICP		
		Fine grained plagioclase phenocrysts throughout. Very low sulphide content. Moderate to strong sericitic alteration via stringers and veinlets. Carbonate veinlets.	Z25028	825.37	826.27	0.9	0.005	AGAT_FAICP		
826.27	**834.67**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z25029	826.27	827.15	0.88	0.034	AGAT_FAICP		
		Clast supported FGC with felsic-mafic cobbles as well as felsic and mafic matrix. Low	Z25030	827.15	828.4	1.25	0.037	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		sulphide content with both pyrite and pyrrhotite present in similar quantities Po 60 / Py 40. Short pegmatite contained from 819.56-819.76ms Qtz 45 K-Spar 40 Bio 6. Foliation fabric is moderate throughout but passive folding has distorted S1 fabric. Minor depletion halos exhibit a banded appearance due to S1. Weak to moderate sericitic alteration via halos and stringers. Moderate chloritic alteration via bands at high angle to core axis. Minor QV2 flooding/veining with no apparent increase in sulphide content.	Z25031	828.4	829.68	1.28	0.025	AGAT_FAICP		
			Z25033	829.68	831.07	1.39	0.02	AGAT_FAICP		
			Z25034	831.07	832.31	1.24	0.028	AGAT_FAICP		
			Z25035	832.31	833.56	1.25	0.096	AGAT_FAICP		
			Z25036	833.56	834.67	1.11	0.11	AGAT_FAICP		
834.67	**835.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25037	834.67	835.85	1.18	0.012	AGAT_FAICP		
		Unit contains a weak to moderate dioritic fabric due to poorly formed quartz phenocrysts with the majority exhibiting sub rounded morphology. Background amphibole content is variable ranging from 2-4%. Sulphide content is very low. Moderate to strong potassic/sericitic altreation via halos/bands at high angle to core axis and stringers. Weak to moderate foliation fabric present.								
835.85	**840.00**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z25039	835.85	836.6	0.75	0.059	AGAT_FAICP		
		Clast supported FGC with felsic-mafic cobbles as well as felsic and mafic matrix. Low sulphide content with both pyrite and pyrrhotite present in similar quantities Po 60 / Py 40. Short QV2 from 836.60 (see veining tab). Foliation fabric is moderate throughout but passive folding has distorted S1 fabric. Minor depletion halos exhibit a banded appearance due to S1. Weak to moderate sericitic alteration via halos and stringers.	Z25040	836.6	838	1.4	0.052	AGAT_FAICP		
			Z25041	838	838.92	0.92	0.077	AGAT_FAICP		
			Z25042	838.92	840	1.08	0.085	AGAT_FAICP		
840.00	**840.32**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25043	840	840.32	0.32	0.04	AGAT_FAICP		
		FGS contains a weak to moderate dioritic fabric due to fine grained poorly formed quartz phenocrysts with the majority exhibiting a sub rounded morphology. Very low sulphide content. Weak to moderate sericitic alteration via bands and stringers. Weak to moderate foliation fabric								
840.32	**843.00**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z25044	840.32	841.67	1.35	0.246	AGAT_FAICP		
		Clast supported FGC with felsic-mafic cobbles as well as felsic and mafic matrix. Low sulphide content with both pyrite and pyrrhotite present in similar quantities Po 60 / Py 40. Foliation fabric is moderate throughout but passive folding has distorted S1 fabric. Minor depletion halos exhibit a banded appearance due to S1. Weak to moderate sericitic alteration via halos and stringers. Minor QV2 flooding/veining with no apparent increase in sulphide content. EOH=843.00	Z25045	841.67	843	1.33	0.215	AGAT_FAICP		EOH=843.00

Diamond Drill Log

Hole ID : **BL19-01094**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	331.23	Easting :	333874.05	Logged By :	Tyler.Compton
Dip :	-69.919	Northing :	5302727.49	Logged By 2 :	Gordon.McFadden
Length :	1140	Elevation :	430.952	Log Start :	6-Nov-2019
Drill Start :	20-Oct-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	2-Dec-2019
Drill Completed :	11-Nov-2019	Township :	Chapleau Twp	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

First line up: casing broke at about 25m; moved sideways about 1m for second line up. GM logged 0-548m; TC logged 548-1140m (EOH). Nearest holes: -01074 and -01080. VG at 1020.85m and 1050.5m. Zones of interest: 890-930m dominated by FGG with <0.5% Po and meter-scale qz veins ~920m; 940-960m dominated by pleurimetric scale qz veins hosted in GBFG and 0.5-2% Po; 1010-1055m progresses through several lithologies hosting 0.5-2% Po with pelurimetric scale qz veins between 1045-1050m. Casing left in hole. Hex stabilization used throughout.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**25.00**	**(OB) Overburden, ( )**								
25.00	**32.45**	**(AMP) Amphibolite, ( )** Localized sections with varying amphibole percentage. Localized sections with coarse grained patches of clinopyroxene.								
32.45	**44.10**	**(FGC) Felsic Gneiss Conglomerate, ( )** Localized sections with varying amounts of amphibole and/or biotite. Localized 1-10 cm thick quartz veins.								
44.10	**46.07**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying biotite percentage. Unit is possibly a FGS layer within FGC								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

unit. Lower contact is 3 cm thick healed fault breccia. Upper contact is in broken core section.

46.07 49.82 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amphibole and/or biottie percentage. Abundant 1-15 cm thick migmatic pegmatites. Upper contact is obscured by a fault breccia. Section of UMD at 46.57-46.87m.

49.82 50.39 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

50.39 68.74 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amphibole percentage. Localized 1-3 cm thick quartz veins. Localized 1-3 cm thick UM/LAMP dikes. Localized sections of FGS.

68.74 70.53 (DIA) Diabase Dike, ( )

Diabase dike.

70.53 73.16 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amphibole percentage.

73.16 76.70 (DIA) Diabase Dike, ( )

Diabase dike. Localized 1-3 cm thick alkalic dikes (UMD).

76.70 77.15 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying amphibole and/or biotite percentage. UM/LAMP dike at 76.35-76.58m. 5 cm thick quartz vein at 76.9m.

77.15 78.26 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Localized 1-3 cm thick UM/LAMP dikes.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

78.26 86.60 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amphibole percentage. Localized 1-2 cm thick pegmatites. Section of amphibolite at 81.85-82.15m. Section of UMD at 83.75-83.95m.

86.60 88.74 (QFP) Quartz Feldspar Porphyry, ( )

Medium coarse grained; subhedral; quartz feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix.

88.74 90.00 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amphibole percentage.

90.00 91.11 (QFP) Quartz Feldspar Porphyry, ( )

Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. 15 cm thick quartz vein at 90.2m.

91.11 105.57 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying grain size. Localized 1-2 cm thick pegmatites. Significant fractures at upper unit contact.

105.57 106.12 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

106.12 107.42 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections of FGS.

107.42 109.79 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections of FGC. Likely in the same formation as the FGC.

109.79 111.90 (FGS) Felsic Gneiss Sedimentary, ( )

Section of finer grained FGS near lower contact.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
111.90	**113.46**	**(QFP) Quartz Feldspar Porphyry, ( )** Coarse grained; rounded; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix.								
113.46	**115.58**	**(DIO) Diorite, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix.								
115.58	**116.14**	**(QFP) Quartz Feldspar Porphyry, ( )** Coarse grained; rounded; quartz-feldspar phenocrytsts within fine-medium grained; biotite rich; felsic matrix.								
116.14	**126.48**	**(FGC) Felsic Gneiss Conglomerate, ( )** Localized sections of FGS and AMP. Minor breccia/fracturing at 122.5-122.7m.								
126.48	**128.76**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix.								
128.76	**135.00**	**(FGC) Felsic Gneiss Conglomerate, ( )** Localized sections of FGS.								
135.00	**135.96**	**(QFP) Quartz Feldspar Porphyry, ( )** Coarse grained; rounded; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. Unit is possible FGS.								
135.96	**137.17**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Unit is possible AMP. Localized sections of QFP. Localized 3-5 cm thick pegmatites.								
137.17	**142.73**	**(QFP) Quartz Feldspar Porphyry, ( )** Coarse grained; rounded; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. Unit is possible FGS. Amount of phenocrysts gradually decreases towards								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

lower unit contact. Localized 1-5 cm thick pegmatites. Healed fault gouge at 140.45-140.50m.

142.73 143.05 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

143.05 146.22 (FGS) Felsic Gneiss Sedimentary, ( )

Localized coarse grained; rounded quartz crystals. Unit possibly grades into QFP unit located up hole. Localized sections of FGC.

146.22 151.00 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amounts of amphibole.

151.00 151.46 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

151.46 155.85 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amphibole percentage.

155.85 157.10 (FGS) Felsic Gneiss Sedimentary, ( )

Amphibole rich FGS. Possible AMPIN. Possible FGS layer with FGC formation.

157.10 158.13 (FGC) Felsic Gneiss Conglomerate, ( )

Abundant amphibole rich bands.

158.13 159.00 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with coarse grained; rounded; quartz crystals; possible QFP sections.

159.00 159.48 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

159.48 159.83 (FGS) Felsic Gneiss Sedimentary, ( )

Possible QFP. Abundant coarse grained; rounded; quartz crystals. Unit is strongly potassically altered.

159.83 162.12 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Massive white quartz vein with minor alkali feldspar crystals.

162.12 164.50 (FGS) Felsic Gneiss Sedimentary, ( )

Possible QFP. Coarse grained; rounded; quartz crystals within a fine-medium grained; felsic matrix.

164.50 172.13 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amounts of amphibolite.

172.13 174.04 (FGS) Felsic Gneiss Sedimentary, ( )

Amphibole rich FGS; possible AMPIN. Localized 2-5 cm thick pegmatites.

174.04 188.80 (FGC) Felsic Gneiss Conglomerate, ( )

Localized sections with varying amphibole percentage. Localized 1-3 cm thick pegmatites.
Fault breccia at 184.3-184.7m.

188.80 189.43 (FGS) Felsic Gneiss Sedimentary, ( )

Localized 1 cm thick pegmatites. Possible FGS layer with FGC.

189.43 189.94 (FGC) Felsic Gneiss Conglomerate, ( )

Abundant amphibole rich bands.

189.94 200.86 (FGS) Felsic Gneiss Sedimentary, ( )

Localized 1-5 cm thick pegmatites. Localized sections with coarse grained quartz crystals.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
200.86	**208.65**	**(FGC) Felsic Gneiss Conglomerate, ( )** Localized sections with varying amphibole percentage. Localized sections of FGS and AMP.								
208.65	**218.10**	**(QFP) Quartz Feldspar Porphyry, ( )** Unit is likely and FGS. Abundant coarse grained; rounded; quartz crystals within a fine-medium grained; felsic matrix. Strong potassic alteration with healed fault fractures at 213.00-215.65m. 15 cm thick amphibolite section at 209.05m. 5 cm thick UMD at 211.5m.								
218.10	**220.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with amphibole. Possible DIO or AMPIN. Localized sections of amphibolite and QFP. Unit is strongly fractured and broken with reminant fault gouge.								
220.10	**220.82**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fractured and strongly altered fault influenced unit.								
220.82	**221.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Alkalic dike. Upper contact destroyed by fault.	D72757	220.82	221.25	0.43	0.006	AGAT_FAICP		Start of spot sample 1.
221.25	**224.57**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** Abundant medium-coarse grained garnets. Minor to moderate potassic; sericitic; and riebekite alteration.	D72759	221.25	222	0.75	0.04	AGAT_FAICP		
			D72760	222	223	1	0.017	AGAT_FAICP		
			D72761	223	224	1	0.016	AGAT_FAICP		
			D72762	224	224.57	0.57	0.027	AGAT_FAICP		
224.57	**224.95**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** Medium-coarse grained; euhedral to subhedral; feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix.	D72763	224.57	224.95	0.38	0.005	AGAT_FAICP		
224.95	**227.04**	**(FGS) Felsic Gneiss Sedimentary, (FGSBl) FGS (10-29% Bl) above or proximal to gold zone** Localized sections with abundant amphibole crystals. Localized 3-5 cm thick pegmatites. Localized sections with varying grain size.	D72764	224.95	226	1.05	0.033	AGAT_FAICP		
			D72765	226	227.04	1.04	0.054	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
227.04	**232.64**	**(FGS) Felsic Gneiss Sedimentary, ( )** Unit is possible DIO or QFP. Localized sections with varying grain size. Localized sections of amphibolite.	D72767	227.04	228	0.96	0.033	AGAT_FAICP		End of spot sample 1.
			D72768	232	232.64	0.64	0.023	AGAT_FAICP		Start of spot sample 2.
232.64	**237.73**	**(FGS) Felsic Gneiss Sedimentary, ( )** Abundant patches of amphibole/clinopyroxene. Abundant 1-2 cm thick migmatites. Localized 5-20 cm thick pegmatites.	D72769	232.64	234	1.36	0.024	AGAT_FAICP		
			D72770	234	235	1	0.056	AGAT_FAICP		
			D72771	235	236	1	0.018	AGAT_FAICP		
			D72773	236	237	1	0.018	AGAT_FAICP		
			D72774	237	237.73	0.73	0.038	AGAT_FAICP		
237.73	**239.03**	**(QFP) Quartz Feldspar Porphyry, ( )** Coarse grained; rounded; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; felsic matrix. Unit is possible FGS.	D72775	237.73	239.03	1.3	0.017	AGAT_FAICP		
239.03	**248.27**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. 10 cm thick UMD at 248.3m.	D72776	239.03	240	0.97	0.046	AGAT_FAICP		End of spot sample 2.
248.27	**248.69**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Alkali feldspar rich granitic pegmatite.								
248.69	**255.87**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. Localized 1-3 cm thick pegmatites. Unit become altered towards lower contact.								
255.87	**256.59**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Alkalic dike.								
256.59	**262.70**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. Upper section is more silica rich then lower section. Localized 2-5 cm thick pegmatites.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
262.70	**265.29**	**(DIO) Diorite, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; felsic matrix. Localized sections of FGS.								
265.29	**267.79**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. Abundant patched of medium-coarse grained amphibole crystals.								
267.79	**270.15**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Possible amphibole rich FGS. Localized sections with varying amphibole percentage.								
270.15	**279.68**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size and amphibole percentage. Minor banding; not likely FGC.								
279.68	**280.42**	**(DIO) Diorite, ( )** Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; felsic matrix.								
280.42	**282.41**	**(FGS) Felsic Gneiss Sedimentary, ( )** Localized sections with varying grain size. Localized 1-5 cm thick pegmatites. Localized 2-3 cm thick UMD sections.								
282.41	**282.89**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Alkali feldspar rich granitic pegmatite.								
282.89	**290.53**	**(DIO) Diorite, ( )** Unit is possible FGS. Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; felsic matrix. Localized sections of FGS. Localized 1-10 cm thick pegmatites.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

290.53 290.95 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Alkali feldspar rich granitic pegmatite.

290.95 291.80 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Abundant migmatite bands.

291.80 293.18 (DIO) Diorite, ( )

Unit is possible FGS. Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium grained; felsic matrix.

293.18 324.37 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Abundant 1-20 cm thick pegmatites. Localized 1-10 cm thick UMD. Healed fault breccia and fractures at 302.88-303.30m; 306.35-306.80m; 308.05-308.17m; and 321.60-323.00m.

324.37 325.39 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalix dike with 5 cm thick xenoliths.

325.39 325.80 (FGS) Felsic Gneiss Sedimentary, ( )

Strongly potassically altered unit.

325.80 326.67 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

326.67 327.56 (FGS) Felsic Gneiss Sedimentary, ( )

Strongly potassically altered.

327.56 327.88 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike with localized selvages of FGS.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

327.88 330.43 (FGS) Felsic Gneiss Sedimentary, ( )

Localized 2-5 cm thick pegmatites.

330.43 330.75 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Alkali feldspar rich granitic pegmatite.

330.75 338.29 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Increasing amounts of amphibole crystals near lower contact.

338.29 338.74 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Unit is possible AMP. Abundant epidote crystals.

338.74 340.13 (FGS) Felsic Gneiss Sedimentary, ( )

Abundant bands with abundant amphbole crystals. Gradational lower contact.

340.13 343.24 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections of DIO.

343.24 343.54 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

343.54 345.80 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections with varying biotite and/or amphibole percentage. Gradational lower contact.

345.80 346.35 (AMP) Amphibolite, ( )

Unit is possible AMPIN. Gradational unit contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

346.35 349.88 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections with varying amphibole percentage. 15 cm thick granitic pegmatite at upper unit contact.

349.88 352.22 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

352.22 357.02 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size and amphibole precentage.

357.02 357.66 (AMP) Amphibolite, ( )

Unit is possible AMPIN. Localized patches of epidote.

357.66 358.48 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sectiins with varying grain size and amphibole percentage.

358.48 362.52 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Localized sections with varying amphibole percentage. Possible intermixed layers of AMP and FGS or DIO.

362.52 363.10 (DIO) Diorite, ( )

Medium-coarse grained; quartz-feldspar phenocrysts within a fine-medium grained; felsic matrix. Unit is a possible FGS.

363.10 364.56 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Possible AMP; same unit as amphibole rich sections of previous amphibolite unit.

364.56 368.00 (FGS) Felsic Gneiss Sedimentary, ( )

Possible DIO. Localized sections with varying grain size. Localized sections with varying amphibole percentages.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

368.00 368.41 (PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)

Possible quartz vein with alkali feldspar crystals.

368.41 376.64 (FGS) Felsic Gneiss Sedimentary, ( )

Possible DIO. Localized sections with varying grain size. Localized 5-10 cm thick; quartz rich; granitic pegmatites.

376.64 377.55 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Alkali feldspar rich pegmatite.

377.55 380.04 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections with varying amphibole percentage.

380.04 385.17 (AMP) Amphibolite, ( )

Localized sections of FGS. F2 folding present. Localized 1-5 cm thick pegmatites.

385.17 393.13 (FGS) Felsic Gneiss Sedimentary, ( )

Healed fault zone with UMD sections and strong potassic alteration at 385.5-389.5m. Localized 1-20 cm thick pegmatites. UMD at 385.57-385.8m and 390.46-390.65m.

393.13 393.72 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Localized selvages of FGS.

393.72 396.79 (FGS) Felsic Gneiss Sedimentary, ( )

Localized 10-15 cm thick granitic pegmatites.

396.79 398.29 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Alkali feldspar rich pegmatite.

398.29 402.88 (FGS) Felsic Gneiss Sedimentary, ( )

Section of pegmatite 402.39-402.67m.

402.88 403.87 (DIO) Diorite, ( )

Unit is possible amphibole rich FGS or AMPIN. Relativly sharp unit contacts.

403.87 404.18 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size.

404.18 404.60 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Granitic pegmatite.

404.60 409.93 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Sections of possible DIO. Localized sections with coarse grained amphibole crystals with depleation halos. Localized 2-10 cm thick pegmatites.

409.93 411.13 (AMP) Amphibolite, ( )

Localized 1-2 cm thick pegmatites.

411.13 413.80 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying amphibole percentage.

413.80 415.00 (AMP) Amphibolite, ( )

Abundant sections with varying grain size.

415.00 419.63 (QFP) Quartz Feldspar Porphyry, ( )

Medium-coarse grained; subhedral; quartz-feldspar phenocrysts within a fine-medium

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
grained; biotite rich; felsic matrix.										
419.63	**422.28**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS with amphibole. Possible DIO. Localized sections with varying amphibole percentage.										
422.28	**424.34**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Relativly homogenous FGS unit.										
424.34	**426.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Localized sections with varying amphibole percentage.										
426.80	**427.48**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized sections with varying grain size.										
427.48	**428.05**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Alkalic dike.										
428.05	**432.88**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D72777	432	432.88	0.88	0.034	AGAT_FAICP		
Localized sections with high amphibole percentage.										
432.88	**434.05**	**(AMP) Amphibolite, ( )**	D72779	432.88	434.05	1.17	0.112	AGAT_FAICP		
Abundant sections with varying grain size; amphibole percentage; and biotite percentage. Abundant tight folds. Localized 1-10 cm thick pegmatites.										
434.05	**435.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D72780	434.05	435.1	1.05	0.064	AGAT_FAICP		
Localized 1-10 cm thick pegmatites. Blebby pyrrhotite and pyrite present.										
435.10	**440.89**	**(AMP) Amphibolite, ( )**	D72781	435.1	436	0.9	0.166	AGAT_FAICP		
Relativly homogenous amphibolite. Localized sections of FGS.			D72782	436	437	1	0.092	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72783	437	438	1	0.076	AGAT_FAICP		
			D72784	438	439	1	0.228	AGAT_FAICP		
			D72785	439	440	1	0.149	AGAT_FAICP		
			D72787	440	440.89	0.89	0.064	AGAT_FAICP		
440.89	**442.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	D72788	440.89	442	1.11	0.053	AGAT_FAICP		
Section of biotite rich amphibolite at 441.78-442.00m.			D72789	442	442.8	0.8	0.023	AGAT_FAICP		
442.80	**443.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Alkalic dike.										
443.80	**445.72**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized 1-5 cm thick pegmatites.										
445.72	**446.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Moderate to strong chlorite-epidote alteration.										
446.30	**449.30**	**(DIO) Diorite, ( )**								
Medium-coarse grained; euhedral to subhedral; quartz-feldspar phenocrysts within a fine-medium grained; biotite rich; intermediate matrix.										
449.30	**450.27**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Localized 1-10 cm thick granitic pegmatites. 10 cm thick section of biotite rich amphibolite at upper contact.										
450.27	**451.92**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
Localized selvages of FGS.										
451.92	**453.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Localized sections with varying grain size. Localized 1-2 cm thick pegmatites.

453.00 455.09 (DIO) Diorite, ( )

Medium-coarse grained; euhedral to subhedral; quartz-feldpsar phenocrysts within a fine-medium grained; biotite rich; intermediate matrix.

455.09 459.42 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying biotite and/or amphibole percentage. Localized 1-2 cm thick pegmatites. Tight F1 folded pegmatites.

459.42 461.59 (FGS) Felsic Gneiss Sedimentary, ( )

Localized 1-10 cm thick pegmatites.

461.59 462.13 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Unit is possible AMP.

462.13 480.00 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections with amphibole crytsals.

480.00 481.00 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 40 Feld 30 Bio 8. Pegmatite contains short sections of amphibolite as well as massive amphiboles which have produced depletion halos. Very low sulphide content. Moderate potassic alteration via dissemination.

481.00 482.75 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains strong potassic/sericitic/chloritic alteration via dissemination. Short pegmatitic sections present. Numerous quartz eyes present. Very low sulphide content.

482.75 484.55 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Qtz 40 Feld 40 Bio 8 Amp 4. Pegmatite contains sodic feldspar which has undergone intense potassic altreation via selvage process. Feldspars also exhibit disrupted cleavage

planes. Occasional massive amphibole specimen present. Very low sulphide content.

484.55 487.69 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains numerous quartz eyes which are not very apparent due to strong potassic/sericitic/chloritic alteration via dissemination and stringers. Occasional amphibole specimen ranging from 0.1-1.2 cms in size. Very low sulphide content with pyrite as the dominant variety Py 80 / Po 20.

487.69 489.63 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Amp intermediate unit exhibiting a moderate porphyritic texture due to poorly formed quartz phenocrysts ranging from 0.1-0.7 cms. The majority of phenocrysts exhibit sub rounded morphology. Amphibole/cpx content ranges from 14-20% ranging from 0.1-1.0 cms. Background felsic content is mainly quartz with fine grained k-spar. Moderate to strong potassic alteration via feldspar selection. Very low sulphide content. Protolith may be a welded dacitic tuff contain volcano clastics in the form of lapilli.

489.63 491.53 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains a weak dioritic fabric due to poorly formed qtz phenocrysts. Strong potassic alteration via halos and stringers at moderate angle to core axis. Very low sulphide content. Weak to moderate foliation fabric.

491.53 492.71 (FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )

Top of unit initiates with a short pegmatite Qtz 55 K-Spar 35 Bio 4. Majority of unit is a heavily potassic alterted FGS with thin sections of amphibolite. Moderately low sulphide content throughout unit with pyrite as the dominant variety Py 80 / Po 20. Moderate sericitic alteration also present via stringers.

492.71 512.89 (FGS) Felsic Gneiss Sedimentary, ( )

Unit starts with a short 19cm lamprophyre. Unit contains moderate to strong potassic alteration via halos/stringers/bands and dissemination. Weak to moderate porphyritic texture due to poorly formed quartz phenocrysts ranging from 01.-0.7 cms. Background amphibole content ranges from 2-6% with the occasional massive specimen. Sulhpide content is moderately low with pyrite as the dominant variety Py80/Po20. Several thin pegmatitic veins crosscut the unit with no apparent increase in sulphide content. A short diabse is contained 496.43-496.48 with an upper contact of a45/b85.

512.89 514.26 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 75 Feld 10 Amp 12 Bio 6 .Pegmatite contains numerous massive amphibole specimens

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		which have produced a secondary depletion halo. Very low sulphide content. Moderate to strong potassic alteration via dissemination. Last 40 cms of unit is an FGS with pegmatitic veining								
514.26	**517.22**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Amp intermediate unit exhibiting a moderate porphyritic texture due to poorly formed quartz phenocrysts ranging from 0.1-0.7 cms. The majority of phenocrysts exhibit sub rounded morphology. Amphibole/cpx content ranges from 14-20% ranging from 0.1-1.0 cms. Background felsic content is mainly quartz with fine grained k-spar. Moderate potassic alteration via feldspar selection. Very low sulphide content. Protolith may be a welded dacitic tuff contain volcano clastics in the form of lapilli.								
517.22	**517.74**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FGS contains strong potassic alteration via dissemination. Short lamprophyre contained from 517.40-517.44 with an upper contact of a51/b353. Very low sulphide content. Weak foliatoin fabric.								
517.74	**518.14**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Short UMD-Lamp with fine grained carbonate amygdules. Fine grained biotite throughout.								
518.14	**519.08**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FGS contains strong potassic alteration via dissemination. Short lamprophyre contained from 518.30-518.34 with an upper contact of a34/b346. Very low sulphide content. Weak foliatoin fabric. Thin pegmatitic veining at lower contact.								
519.08	**519.50**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Amp intermediate unit exhibiting a moderate porphyritic texture due to poorly formed quartz phenocrysts ranging from 0.1-0.7 cms. The majority of phenocrysts exhibit sub rounded morphology. Amphibole/cpx content ranges from 14-20% ranging from 0.1-1.0 cms. Background felsic content is mainly quartz with fine grained k-spar. Weak to moderate potassic alteration via feldspar selection. Moderate epidote presence in the form of medium sized aggregates. Very low sulphide content. Protolith may be a welded dacitic tuff contain volcano clastics in the form of lapilli.								
519.50	**521.92**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		FGS contains strong potassic alteration via dissemination and stringers. Very low sulphide content. Moderate foliation fabric. Occasional massive amphibole/cpx present. Background amphibole content varies from 1-5%. Two short pegmatites are contained within unit see								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

veining tab.

521.92 522.41 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Short Lamp contains stringers of carbonate veins. Fine grained biotite throughout. Strong chloritic alteration via veinlets. Fine grained carbonate amygdules

522.41 523.44 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains strong potassic alteration via dissemination. Short lamprophyre contained from 518.30-518.34 with an upper contact of a34/b346. Very low sulphide content. Weak foliatoin fabric. Thin pegmatitic veining at lower contact.

523.44 527.65 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark green/black lamp with fine grained carbonate amygdules. Carbonate veinlets present. Fine grained olivine visible on mechanical breaks. Unit contains thin slivers of younger generation of lamprophyres

527.65 527.80 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains moderate potassic/sericitic alteration via dissemination and stringers. Low sulphide content with pyrite as the dominant variety Py 85 / Po 15. Moderate foliation fabric. Occasional massive amphibole/cpx present. Background amphibole content varies from 1-5%.

527.80 528.45 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 65 K-Spar 20 Bio 8. Fine to medium grained pegmatite. Quartz rich. Very low sulphide content. Short sections of overlaying FGS unit contained within. Moderate foliation fabric throughout. Moderate to strong potassic alteration via dissemination.

528.45 528.93 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains moderate potassic/sericitic alteration via dissemination and stringers. Low sulphide content with pyrite as the dominant variety Py 85 / Po 15. Moderate foliation fabric. Background amphibole content varies from 1-3%.

528.93 529.23 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Pegmatite appears to be migmatitic. Qtz 50 K-Spar 30 Bio 8. Quartz dominated. Very low sulphide content. Fine grained biotite. Strong potassic alteration via dissemination.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

529.23 529.92 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Upper part of unit is a 27cm FGS. Upper and lower chill margins of lamprophyre present. Fine to medium grained carbonate amygdules/xenoliths present throughout unit.

529.92 531.00 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains moderate potassic/sericitic alteration via dissemination and stringers. Low sulphide content with pyrite as the dominant variety Py 85 / Po 15. Moderate foliation fabric. Occasional massive amphibole/cpx present. Background amphibole content varies from 1-4%.

531.00 533.93 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 60% K-Spar 32% Bio 6%. Fine to coarse grained pegmatite. Intense potassic alteration via dissemination. Weak amphibole presence including minor riebeckite altered amphiboles. Occasional thin 1cm lamprophyre dyklets. Very low sulphide conte twith occasional small patch of pyrite. Moderate chloritic alteration via dissemation.

533.93 536.40 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre contains fine to medium sized carbonate amygdules and xenoliths. Lower metre of unit contains coarse sections of country rock as well as carbonate xenoliths. Upper and lower chill margins present. Pre pegmatite unit once present from 535.50-535.80 but has been heavily fractured and altered.

536.40 537.00 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Short pegmatite contains strong chloritic alteration via selection of biotite due to proximal lamprophyre. Strong potassic alteration via dissemination. Qtz 40 K-Spar 40 Bio 8 Amp 4. Low sulphide content but occasional patch of pyrite present.

537.00 538.10 (QFP) Quartz Feldspar Porphyry, ( )

QFP porphyroblasts are not as obvious in upper 25 cms of unit due to moderate chloritic alteraiton and is gradational towards coarser section. Quartz porphyroblasts range from 0.1-1.3cms in size with the majority displaying sub rounded morphology. Very low sulphide content. Weak but observable background amphibole content.

538.10 541.90 (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) Pegmatite is fine to coarse grained with numerous fine grained secitons. Qtz 55% K-Spar 35% Bio 4%. Quartz rich. Very low sulphide content with the occasional small patch of pyrite. Moderate chloritic and intense potassic alteration via selection and dissemination.								
541.90	**542.88**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP porphyroblasts are not as obvious in upper 25 cms of unit due to moderate chloritic alteraiton and is gradational towards coarser section. Quartz porphyroblasts range from 0.1-1.3cms in size with the majority displaying sub rounded morphology. Very low sulphide content. Weak but observable background amphibole content.	D72790	541.9	543	1.1	0.008	AGAT_FAICP		
542.88	**546.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Low sulphide content with pyrite as the dominant variety. Moderate potassic alteration via dissemination. Fine to medium grained amphibole content is highly variable from 1-8%. Weak to moderate foliation fabric present. Numerous depletion zones from fine to medium grained amphibole specimens. Moderate chloritic alteraiton via veinlets and dissemination.	D72791	543	544	1	0.022	AGAT_FAICP		
			D72793	544	545	1	0.028	AGAT_FAICP		
			D72794	545	546	1	0.028	AGAT_FAICP		
546.00	**548.15**	**(DIA) Diabase Dike, ( )** Diabase contains very fine grained plagioclase phenocrysts. Very low sulphide content. Strong upper and lower contacts.	D72795	546	547	1	0.005	AGAT_FAICP		
			D72796	547	548.15	1.15	0.005	AGAT_FAICP		
548.15	**552.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Mostly fine grained. Biot content increases downhole; coarsens; submm to mm scale <2mm; dissem; aligment imparts moderate fol. Siliceous. Moderate to strong patchy K-Hem alt througout. Abundant healed microfracs; en echelon relative to penetrative foliation. Significant dissem Py: 1-2% submm to mm scale; dissem xls; intensifies approaching contact with PEG (becomes coarse and clotty; 3-4% over 40cm). No significant veining.	D72797	548.15	549	0.85	0.03	AGAT_FAICP		
			D72799	549	550	1	0.056	AGAT_FAICP		
			D72800	550	551	1	0.055	AGAT_FAICP		
			D72801	551	551.85	0.85	0.048	AGAT_FAICP		
			D72802	551.85	552.3	0.45	0.124	AGAT_FAICP		
552.30	**552.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** dominated by coarse pink fspr; cm scale subhedral to euhedral xls. Lesser grey-white qz; partly obscured by pervasive pink K-Hem alt. Minor coarse angular Py clots; <1%; cm scale <2cm. Distinct contacts.	D72803	552.3	552.9	0.6	0.023	AGAT_FAICP		
552.90	**556.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by well developed coarse foliation imparted by arrangement of coarse biot. Foliation attitude varies significantly throughout; undulose. Biot content and coarseness	D72804	552.9	553.4	0.5	0.037	AGAT_FAICP		
			D72805	553.4	554	0.6	0.026	AGAT_FAICP		
			D72807	554	555	1	0.114	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		increased realtive to prev FGS. 2% qz veining; strongly deformed; mostly concordant. Example of sheath fold eyes; M fold geometry implies larger scale hinge. 1-2% clotty Po-Py; mm scale; foliation controlled. No signif alt.	D72808	555	556	1	0.128	AGAT_FAICP		
			D72809	556	556.7	0.7	0.036	AGAT_FAICP		
556.35	**558.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72809	556	556.7	0.7	0.036	AGAT_FAICP		
		Coarse grained and strongly altered. Foliation fabric is mostly obscured but well developed in enclaves where AMP is depleted. ~60% AMP present as coarse mm to cm scale clots hosted in fine grained siliceous grey felsic groundmass. 2-3% coarse clotty Py-Po; comingled; mm scale xls and clots; foliation controlled. Occ dm scale enclaves of intense alteration: mycelial; Ser-Rut (+/- scap and ep?); pale green-tan; assoc with intense biot mineralization. Minor veining; concordant; strongly deformed; assoc with elevated sulfide mineralization.	D72810	556.7	557.38	0.68	0.077	AGAT_FAICP		
			D72811	557.38	557.95	0.57	0.038	AGAT_FAICP		
558.00	**558.33**	**(QV, AMP) Quartz Vein, Amphibolite, (QZVT2) Massive quartz vein**	D72813	557.95	558.4	0.45	0.067	AGAT_FAICP		
		Massive aphanitic white qv hosted in AMP as desc in prev interval. Vein appears folded; uncertain. Hosts coarse hackly sulfide clots: intergrown Py-Po; 2% overall abundance. Hosts very coarse biot; cm scale; euhedral; focused at vein margins. Abundant dissem Py-Po in host. Minor pink K alt in host; diffuse.								
558.33	**564.40**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72814	558.4	559	0.6	0.052	AGAT_FAICP		
		As desc in 556.35-558m. Occ dm scale pegmatitic qz-fspr veins; subparallel to fol; no significant sulfs. Occ enclave of intense alt dominated by epidote. Occ minor dm scale FGS enclaves. Characterized by coarse dissem biot.	D72815	559	560	1	0.042	AGAT_FAICP		
			D72816	560	560.7	0.7	0.058	AGAT_FAICP		
			D72817	560.7	561.5	0.8	0.026	AGAT_FAICP		
			D72819	561.5	562	0.5	0.063	AGAT_FAICP		
			D72820	562	563	1	0.046	AGAT_FAICP		
			D72821	563	563.9	0.9	0.192	AGAT_FAICP		
			D72822	563.9	564.4	0.5	0.029	AGAT_FAICP		
564.40	**564.92**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D72823	564.4	564.92	0.52	0.004	AGAT_FAICP		
		Typical biot-rich LAMP. No vis sulfs or alt. 3% dark rounded xenoliths. 30% fine rounded porphs; sub mm; possible dolomite.								
564.92	**565.87**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72824	564.92	565.87	0.95	0.139	AGAT_FAICP		
		As desc in 558.33-564.4m. 2-3% coarse dissem Py-Po. No signif veins.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
565.87	**568.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72825	565.87	567	1.13	0.067	AGAT_FAICP		
			D72827	567	568	1	0.035	AGAT_FAICP		
		Intermediate to felsic composition. Apahnitic felsic groundmass hosting overall 15% amp; amp content increases downhole; grades into AMP at lower contact. 15% fine to med grained biot; dissem; no discernable alignment. Barren dm scale vein at 567.15-567.35m; milky grey qz with minor fspr; no vis sulfs. No signif alt.	D72828	568	568.75	0.75	0.026	AGAT_FAICP		
568.75	**569.90**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72829	568.75	569.3	0.55	0.085	AGAT_FAICP		
			D72830	569.3	569.9	0.6	0.126	AGAT_FAICP		
		Intermediate to mafic composition. Equigranular. Poorly foliated. Characterized by abundant coarse dissem biot and coarse green and black mm scale subhedral amp xls. Moderately magnetic throughout. 1-2% fine to coarse dissem Py throughout; subhedral; discrete xls and small aggs. Appears silicified.								
569.90	**572.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72831	569.9	571	1.1	0.02	AGAT_FAICP		
			D72833	571	572	1	0.025	AGAT_FAICP		
		Apahnitic groundmass hosting 15% fine grained dissem biot. Fine dissem Py throughout; 1%. Medium to dark grey. Siliceous. Minor dissem green amp; interstitial; fine grained. No signif veining.	D72834	572	572.4	0.4	0.091	AGAT_FAICP		
572.40	**574.05**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72835	572.4	572.9	0.5	0.131	AGAT_FAICP		
			D72836	572.9	574.05	1.15	0.092	AGAT_FAICP		
		Similar to previous AMP but with reduced amp and biot abundance. Alignnment of coarse biot imparts foliation; undulose; varying. Felsic component dominated by fine euhedral Kspar; <2mm. 1% fine dissem Py throughout; becomes coarse and clotty proximal to qz vein. Significant alteration throughout: K-Silic-CPx assemblage; most pronounced proximal to qz vein.								
574.05	**577.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72837	574.05	575	0.95	0.017	AGAT_FAICP		
			D72839	575	576	1	0.013	AGAT_FAICP		
			D72840	576	577	1	0.015	AGAT_FAICP		
		Very finr grained; equigranular. Strongly altered throughout: K-Ser-Silic assemblage; pervasive but locally intense. No signif sulfs or veining. 15% very fine dissem biot. No signif veining.	D72841	577	577.8	0.8	0.019	AGAT_FAICP		
577.80	**579.32**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D72842	577.8	579	1.2	0.004	AGAT_FAICP		
			D72843	579	579.32	0.32	0.003	AGAT_FAICP		
		Fine dark brown groundmass hosting 10% coarse rounded xenoliths. Abund fine dissem biot visible on broken surfaces. No vis sulfs. Altered contacts: pale green; laminated. Minor carb porphs and frac fills.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
579.32	**596.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72844	579.32	580	0.68	0.019	AGAT_FAICP		
			D72845	580	581	1	0.012	AGAT_FAICP		
			D72847	581	582	1	0.009	AGAT_FAICP		
			D72848	582	583	1	0.01	AGAT_FAICP		
			D72849	583	584	1	0.012	AGAT_FAICP		
		Distinguished from previous by texture. Overall coarse porphyritic texture imparted by 15% QZE (subround; mm scale). 15% fine to coarse dissem biot throughout; alignment imparts mild foliation. Minor K-Silic alt: locally intense assoc with qz veining and healed frac halos. 3% qz veining; intensely altered; cm scale; reactivated. No signif sulfs within unit.								
596.83	**608.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Felsic to intermediate composition. Distinguished from prev FGS by abundance of coarse biot and amp porphs; dioritic to granodioritic composition. Barely discernable fabric (S1) imparted by weak alignment and elongation of biot and amp; becomes better defined approaching lower contact; exhibits oblique angle to to S0. S0 is steeper than S1 in real space; suggests overturned limb; S1 verges northeastward. No signif sulfs. Minor alt: K-Ser-Silic assemblage present as diffuse halos surrounding fracs. Trace vein abundance: rare S0 concordant qz veins <1cm; open to ptygmatic folded.								
608.35	**609.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		As desc in 579.32-596.83m								
609.95	**611.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Fine grained dark brown groundmass hosting 30% dark subround xenoliths. Weakly brecciated; healed with CaC03. Strongly magnetic. No vis sulfs. Pale green altered contacts. Occasional slicken features indicating thrust movement with slight dextral displacement of hanging block.								
611.40	**634.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
		Moderately to strongly altered FGS. Fine grained groundmass with 15% fine dissem biot and occ enclaves of mm scale qz eyes. Minor very fine dissem Py throughout. Alt assemblage is K-Hem dominated; patchy (dm scale; locally strong). Minor amp content throughout; fine; patchy. Banded appearance resulting from mm scale quarzose bands: possible segregation texture or relict early veining. 3% distinguishable veining: cm scale; mostly discordant; qz dominated with lesser pink fspr.								
634.35	**635.57**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Dark grey fine grained groundmass hosting 15% CaC03 porphs and dark subround xenoliths. Occ CaC03 veins. No vis sulfs. Pale green altered contacts.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

635.57 636.80 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 611.4-634.35m No signif sulfs. No veining. Weak alteration.

636.80 637.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 634.35-635.57m

637.50 654.20 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Felsic composition with minor amp component (10% mm scale amp porphs; <5mm; dissem). 10% fine dissem biot; weak alignment imparts weak foliation. Minor dissem Py throughout. Unit characterized by moderate to strong alteration throughout: K-Hem-Chl-Silic; varying but pervasive. No signif veining: occ cm scale qz boudin; passive deformation of foliation prox to boudin. Intense brittle deformation proximal to contact with DIA; brecciation resulting from intrusion of DIA.

654.20 666.75 (DIA) Diabase Dike, ( )

Very fine to aphanitic. Dark grey. Equigranular. Trace Py; isolated subhed xls. Weak patchy magnetism. Top of interval is strongly altered and brecciated; healed; silicified (at contact with FGS). Occ mm scale anastomosing CaC03 stringers. Numerous polished slickensurfaces; most do not exhibit discernable lineation. Rare slickensteps/lines in CaC03 frac fill; indicates oblique thrust with dextral component.

666.75 693.70 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Fine grained felsic groundmass hosting 15% POB amp. Occ minor AMP beds. Weak alignment of amp porphs imparts weak foliation; concordant with S0. No preferred orientation of amp porphs; no str lin discernable. No signif sulfs. No signif veining. Minor pervasive pale pink K-Ser alt throughout; slightly elevated locally. 5-10% fine dissem biot.

693.70 694.30 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Anorthositic composition. Prominent cm scale labradorite xls; 5%. No vis sulfs. Minor pink K alt throughout. Minor frac controlled CPx.

694.30 695.30 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 666.75-693.70m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

695.30 695.66 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Massive. Dark grey-brown aphanitic groundmass. Pale green altered contacts. No vis sulfs.

695.66 700.35 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 666.75-693.70m. Labradorite mineralization begins ~698m; ~5%; dissem; anhedral xls <3mm.

700.35 700.93 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

FGS as previously described. LAMP with visible biot; equigranular; magnetic. No vis sulfs. Typical pale green altered contacts.

700.93 719.50 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Anorthositic. Labradorite begins ~698m; 5% dissem; anhedral blue xls <3mm. 15% dissem amp porphs; weakly elongate with no preferred orientation. 10% dissem biot; varying size; mm scale <5mm. No signif sulfs or veining. Occasional dm scale fspr dominated pink PEGs; mostly S1 concordant. Minor patchy alteration: K-Ser-Rutile-Silic assemblage; foliation controlled.

719.50 720.00 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

S1 concordant. Fspr dominated; occ qz dominated enclaves. MInor coarse clotty Py; <5mm; subhedral. Minor dissem biot porphs; euhedral; sericitic alteration rims. Ser-Rutile alteration envelope; fol controlled.

720.00 728.60 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 700.93-719.50m

728.60 729.00 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Equigranular. Distinguished from other PEGs by lack of K (pink). Fspr dominated; abundant prominent subhedral grey fspr. No vis sulfs. No vis alt. Distinct contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
729.00	**736.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 700.93-719.50m.								
736.85	**737.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Prominent cm scale xenoliths; subround. Abundant fine carb porphs. No vis sulfs. Pale green altered contacts. Biot rich.								
737.90	**754.27**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 700.93-719.50m but distinguished by preponderance of PEGs and melt enclaves; ~10%; mostly dffuse and nebulous; occ distinct. No vis sulfs. Alt as prev								
754.27	**754.65**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Equigranular. Fspr dominated. Occ coarse labradorite. No vis sulfs. Cm scale xls <2cm; sub to anhedral.								
754.65	**754.98**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 737.9-754.27m. Locally strong foliation contirlled SER-RUT alt at contacts with PEGs.								
754.98	**755.48**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** As desc in 754.27-754.65m but distinguished by strong pink-red K-Hem alt; also frac controlled SER-RUT alt. No vis sulfs								
755.48	**769.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Similar to previously described but lacking quarzose melt enclaves. Labradorite persists. Amp and biot content remain constant; ~25% of bulk comp; dissem and POB; weak alignment imparts weak fol. No significant veining; isolated example of barren qz-fspr vein with prominent coarse CPx clots; no vis sulfs. No signif alt other than weak patchy SER-RUT-K (fol/halo controlled).								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
769.70	**771.22**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP; biot-rich. Npo vis sulfs. Fine carb porphs and host xenoliths; 15% overall. Pale green altered contacts.								
771.22	**801.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 700.93-719.50m. Occasional prominent dm scale enclaves of moderate to strong alteration: K-Ser-Sil +/-Rut +/-Chl. No vis sulfs. 1cm extensional qz vein undulates along core axis 780.10-780.63; assoc with strong K-Ser-Rut alt; qz is cloudy grey; no vis sulfs.								
801.00	**806.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS characterized by distinct banded/segregation texture. Quarzose bands <5cm; hosting mm to cm scale clots of comingled biot-amp. Apparent elevation in strain intensity. Similar composition to previous but amp and biot are concentrated in aggregates and not disseminated as previous. No vis sulfs. Occ cm scale veins <10cm; opq white; mostly concordant; trace Py. No signif alt.								
806.00	**807.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Return to porphyritic FGS but with reduced amp-biot content. More equigranular than others.								
807.80	**821.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Very fine grained siliceous FGS. Weak banded texture imparted by segregation of felsic and mafic component; felsic bands typically host coarse aggs of mafic minerals. Minor 2cm vein at 816.10m; discordant; apparent composition is anhydrite/gypsum and possible barite. Strong K-Ser halo. Minor fine dissem biot-amp throughout. Rare dissem euhedral Py xls hosted in cm scale mafic masses. Prominent K-Ser halos are common surrounding intact microfracs.								
821.50	**822.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark grey-brown fine groundmass hosting 30% mm scale leuco porphs (possible dolomite; not reactive). Pale green altered contacts. Visible fine biot. No vis sulfs.								
822.90	**840.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Mostly as prev FGS. Increased foliation development. Minor concordant qz veins common; <2cm; no vis sulfs; planar; ~2% abundance. QV at 825.90-826.10m: prominent frac con chl;	Z21560	834	835	1				
			Z21561	835	836	1				
			Z21562	836	837	1				

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
minor clotty Py. 3% veining overall: cm to dm scale; characterized by 1-3% coarse clotty Py comingled with magnetite. Decimeter scale enclaves of well developed segregation texture. Moderate silicification of host assoc with veining.			Z21563	837	838	1				
			Z21564	838	839	1				
			Z21565	839	840.2	1.2				
840.20	**842.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z21567	840.2	841	0.8				
Dark grey-brown fine groundmass hosting 20% mm scale carb porphs/vesicles. Pale green altered margins. Host is strongly silicified proximal to contacts. No vis sulfs. Patchy magnetism.			Z21568	841	842.1	1.1				
842.20	**845.44**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z21569	842.1	843.1	1				
As desc in 822.9-840.2m. Strongly silicified proximal to LAMP contact. No significant veining. No signif sulfs.			Z21570	843.1	844	0.9				
			Z21571	844	845	1				
			Z21573	845	845.44	0.44				
845.44	**846.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z21574	845.44	846.65	1.21				
As desc in 840.2-842.2m										
846.70	**848.07**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z21575	846.65	848	1.35				
Compositionally as previous but lacks banding. 15% combined biot-amp; fine; dissem. Minor fine dissem Py; <0.5%. Moderately silicified. No veining.										
848.07	**848.70**	**(UMD, QV) UM\LAMP Dike, Quartz Vein, (LAMPD) UMD - Lamprophyre Dyke**	Z21576	848	848.75	0.75				
LAMP with qz-fspr veining at margins. Strong alteration obscures contacts and fabric. Minor coarse clotty Py. LAMP segment is entirely altered; pale green.										
848.70	**857.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z21577	848.75	849.5	0.75				
FGS with minor fine dissem biot and amp. Siliceous. Banded texture imparted by weak compositional segregation. 5% fol concordant qz veins; <1cm; planar; unmineralized. Unit comprises significant fault at 853.54-853.83m. Minor fine dissem Py throughout. No signif alt.			Z21579	849.5	850	0.5				
			Z21580	850	851	1				
			Z21581	851	851.9	0.9				
			Z21582	851.9	852.6	0.7				
			Z21583	852.6	853.4	0.8				

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z21584	853.4	854	0.6				
			Z21585	854	855	1				
			Z21587	855	856	1				
			Z21588	856	857	1				
			Z21589	857	857.8	0.8				
857.90	**858.64**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Diffuse contacts. Qz dominated with minor fspr. Mottled grey-white. Fsprs are selectively altered; pale green; weak. Minor coarse clotty Py-Po. Discordant.	Z21590	857.8	858.64	0.84				
858.64	**859.77**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 848.7-857.9m	Z21591	858.64	859.7	1.06				
859.77	**860.15**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Diffuse contacts. White milky qz with minor fspr. Intruded by LAMP. Minor coarse clotty Py. No signif alt.	Z21593	859.7	860.4	0.7				
860.15	**860.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Strongly altered LAMP. No visible texture. No vis sulfs. Pale green. Abundant en echelon qz-cb veinlets.								
860.40	**861.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 858.64-859.77m	D72850	860.4	861.2	0.8	0.011	AGAT_FAICP		
861.20	**861.63**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark green altered LAMP; riven with abundant enechelon qz-cb veinlets. 30% qz-cb porphs; mm scale; subround. No vis sulfs.	D72851	861.2	861.63	0.43	0.002	AGAT_FAICP		
861.63	**879.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by varying texture and amp content. Mostly banded/foliated; fabric obscured where silicification is locally strong. Appears silicified; increasing in intensity downhole.	D72853	861.63	862	0.37	0.006	AGAT_FAICP		
			D72854	862	863	1	0.017	AGAT_FAICP		
			D72855	863	864	1	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.1-1% sulfs; increases downhole proportional to amp content; Po becomes dominant sulfide; comingled with Py. Occ cm scale veins; <5cm; discordant; hosting minor coarse Po-Py. Sulfide abundance is notably increased relative to prev intervals.			D72856	864	865	1	0.023	AGAT_FAICP		
			D72857	865	866	1	0.02	AGAT_FAICP		
			D72859	866	867	1	0.019	AGAT_FAICP		
			D72860	867	868	1	0.029	AGAT_FAICP		
			D72861	868	869	1	0.022	AGAT_FAICP		
			D72862	869	870	1	0.02	AGAT_FAICP		
			D72863	870	871	1	0.01	AGAT_FAICP		
			D72864	871	872	1	0.031	AGAT_FAICP		
			D72865	872	873	1	0.047	AGAT_FAICP		
			D72867	873	874	1	0.035	AGAT_FAICP		
			D72868	874	875	1	0.032	AGAT_FAICP		
			D72869	875	876	1	0.092	AGAT_FAICP		
			D72870	876	877	1	0.092	AGAT_FAICP		
			D72871	877	878	1	0.102	AGAT_FAICP		
			D72873	878	878.75	0.75	0.03	AGAT_FAICP		
			D72874	878.75	879.25	0.5	0.022	AGAT_FAICP		
879.25	**879.82**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D72875	879.25	879.82	0.57	0.006	AGAT_FAICP		
Strongly altered throughout: Sil-Ep-Chl-Rut assemblage? Pale yellow-green. No vis sulfs. Much harder than unaltered LAMP. No mag.										
879.82	**880.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	D72876	879.82	880.25	0.43	0.06	AGAT_FAICP		
			D72877	880.25	880.85	0.6	0.111	AGAT_FAICP		
As desc in 861.63-879.25m										
880.85	**883.10**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	D72879	880.85	881.3	0.45	0.118	AGAT_FAICP		
			D72880	881.3	882	0.7	0.098	AGAT_FAICP		
Intensely altered throughout most of interval: Sil-K assemblage; appears bleached. No vis sulfs. Trace fine to coarse Mu. Dissem fine biot imparts weak foliation.			D72881	882	883.1	1.1	0.05	AGAT_FAICP		
883.10	**883.45**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72882	883.1	883.6	0.5	0.149	AGAT_FAICP		
Intensely altered throughout: Sil-K-Hem-Ser-Chl assemblage. Pale patchy green-pink-yellow colouration. Abundant fine healed fracs with leuco cement. No vis sulfs. Harder than unaltered AMP.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
883.45	**885.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	D72883	883.6	884.3	0.7	0.063	AGAT_FAICP		
			D72884	884.3	885	0.7	0.109	AGAT_FAICP		
		Pale grey. Fine grained; equigranular. Moderately silicified. Minor fine dissem biot. Becomes increasingly bleached/altered approaching lower contact. Minor dissem fine to coarse musc. No vis sulfs.	D72885	885	885.5	0.5	0.548	AGAT_FAICP		
885.50	**885.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D72887	885.5	885.8	0.3	0.031	AGAT_FAICP		
		As desc in 879.25-879.82m								
885.80	**886.56**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	D72889	885.8	886.56	0.76	0.397	AGAT_FAICP		D72888 not used.
		Intensely altered/bleached; pale pink-white colouration throughout. Weak fabric discernable. Mostly as previous FGS. No vis sulfs.								
886.56	**887.14**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72890	886.56	887.14	0.58	0.132	AGAT_FAICP		
		As desc in 883.10-883.45m								
887.14	**888.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	D72891	887.14	888	0.86	0.386	AGAT_FAICP		
			D72893	888	888.9	0.9	0.507	AGAT_FAICP		
		As desc in 885.80-886.56m. Minor dissem musc. No vis sulfs. Intensely altered.								
888.90	**890.10**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	D72894	888.9	889.4	0.5	0.113	AGAT_FAICP		
			D72895	889.4	890.1	0.7	0.065	AGAT_FAICP		
		Fine pegmatitic texture; equigranular. Qz dominated with lesser pink fspr. Likely intensely altered FGS or PEG but original fabric mostly obscured. Trace dissem biot and musc. No vis sulfs. Pale pink-grey-white throughout.								
890.10	**890.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	D72896	890.1	890.5	0.4	0.04	AGAT_FAICP		
		Massive fine grained dark brown groundmass with 40% fine rounded qz-fspr porphs. No vis sulfs. Pale green-yellow altered margins.								
890.50	**891.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	D72897	890.5	890.9	0.4	0.028	AGAT_FAICP		
			D72899	890.9	891.38	0.48	0.045	AGAT_FAICP		
		Strongly altered. Fine grained; equigranular. Pale pink-grey colouration throughout. No vis sulfs. Trace biot and musc dissem throughout. Gradational contacts. Minor AMP at top of								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
interval.										
891.38	**893.30**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	D72900	891.38	892	0.62	0.04	AGAT_FAICP		
Pale pink-grey aphanitic groundmass hosting 50% dissem mm scale amp porphs. Strongly altered; mostly silicification. Alignment of amp imparts strong foliaiton. No vis sulfs. No veining. Gradational contacts; obscured by alteration.			D72901	892	893	1	0.031	AGAT_FAICP		
			D72902	893	893.3	0.3	0.185	AGAT_FAICP		
893.30	**905.40**	**(FGG) Felsic Gneiss Granitic, ( )**	D72903	893.3	894	0.7	0.048	AGAT_FAICP		
Mottled pink-grey colouration. Siliceous. Granitic to melt texture; phaneritic. Trace fine dissem biot. Coarse POB musc; mm scale; euhedral. Minor coarse clotty Py-Po; typically assoc with qz boudin/masses. Rare cm scale fol concord veining (~2%); 2cm true thickness; moderate boudinage. Strongly altered: pervasive K-Sil-Musc assemblage.			D72904	894	894.6	0.6	0.083	AGAT_FAICP		
			D72905	894.6	895.2	0.6	0.226	AGAT_FAICP		
			D72907	895.2	896	0.8	0.457	AGAT_FAICP		
			D72908	896	897	1	1.59	AGAT_FAICP		
			D72909	897	898	1	0.449	AGAT_FAICP		
			D72910	898	899	1	0.332	AGAT_FAICP		
			D72911	899	899.3	0.3	0.348	AGAT_FAICP		
			D72913	899.3	900	0.7	0.505	AGAT_FAICP		
			D72914	900	901	1	0.265	AGAT_FAICP		
			D72915	901	902	1	0.303	AGAT_FAICP		
			D72916	902	903	1	0.264	AGAT_FAICP		
			D72917	903	904	1	0.728	AGAT_FAICP		
			D72919	904	905	1	1.62	AGAT_FAICP		
			D72920	905	905.4	0.4	1.56	AGAT_FAICP		
905.40	**905.80**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	D72921	905.4	905.8	0.4	0.807	AGAT_FAICP		
Intensely altered: Hem-Chl-Ser-Rut-Sil assemblage; foliation controlled. Distinctive colouration: mottled yellow-green-red. No vis sulfs. Distinct contacts.										
905.80	**912.53**	**(FGG) Felsic Gneiss Granitic, ( )**	D72922	905.8	906.5	0.7	2.05	AGAT_FAICP		
As desc in 893.3-905.4m			D72923	906.5	907	0.5	0.986	AGAT_FAICP		
			D72924	907	908	1	1.59	AGAT_FAICP		
			D72925	908	909	1	2.15	AGAT_FAICP		
			D72927	909	910	1	1.92	AGAT_FAICP		
			D72928	910	911	1	1.32	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72929	911	912	1	1.19	AGAT_FAICP		
			D72930	912	912.53	0.53	0.411	AGAT_FAICP		
912.53	**913.05**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Pegmatitic qz-fspr vein. 60% qz; 40% fspr; segregated: fspr more prevalent at margins. Diffuse contacts obscured by melting and alteration. 3% coarse biot-musc clots. Pink K alt selectively alters fsprs. No signif sulfs.	D72931	912.53	913.05	0.52	0.2	AGAT_FAICP		
913.05	**915.48**	**(FGG) Felsic Gneiss Granitic, ( )** As desc in 893.3-905.4m	D72933	913.05	914	0.95	0.564	AGAT_FAICP		
			D72934	914	914.8	0.8	0.401	AGAT_FAICP		
			D72935	914.8	915.48	0.68	0.214	AGAT_FAICP		
915.48	**916.10**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Qz dominated with minor fspr. Pegmatitic. Diffuse contacts obscured by alteration and melting. 2% Py-Po: coarse hackly clots; intergrown. Weak pink K alt; dissipates downhole.	D72936	915.48	916.1	0.62	0.245	AGAT_FAICP		
916.10	**918.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by dense fine dissem Biot and sparse feslic porphs. Fine grained overall. 35% fine dissem biot. 10% sparsely dissem felsic porphs; <5mm; weakly elongate. Minor patchy epidote alteration; foliation controlled. No vis sulfs. No apparent alt.	D72937	916.1	917	0.9	0.02	AGAT_FAICP		
			D72939	917	918	1	0.022	AGAT_FAICP		
			D72940	918	918.5	0.5	0.115	AGAT_FAICP		
918.50	**920.80**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Interval dominated by comingled qz veining and pegmatitic partial melt; alteration obscures textures. Strongly altered: K-Ser-Sil assemblage; pervasive; mottled. Contacts with surrounding units are diffuse and obscured by alteration. Minor clotty Py-Po; <1%. Minor FGS segment 919.10-919.27m; strongly slicified; fabric obscured.	D72941	918.5	919.1	0.6	0.254	AGAT_FAICP		
			D72942	919.1	920	0.9	0.699	AGAT_FAICP		
			D72943	920	920.8	0.8	0.136	AGAT_FAICP		
920.80	**921.30**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Original mineralogy overprinted by strong alteration: Hem-Chl-Ser-Sil assemblage. Weak fabric preserved. No vis sulfs. No veining. Very fine grained. Gradational contacts obscured by alteration.	D72944	920.8	921.3	0.5	0.029	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
921.30	**924.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 916.10-918.50m. Intensely altered segment 921.95-923m: K-Ser-Sil +/-Hem; similar appearance to altered AMP but texturally distinct and appears more felsic. No signif sulfs. Weak to moderate patchy epidote alteration outside of strongly altered segment.	D72945	921.3	922	0.7	0.009	AGAT_FAICP		
			D72947	922	923	1	0.006	AGAT_FAICP		
			D72948	923	924.23	1.23	0.034	AGAT_FAICP		
924.23	**927.27**	**(FGG) Felsic Gneiss Granitic, ( )** Transitional composition between FGS and FGG. Aphanitic felsic groundmass with 10% fine dissem biot. Mottled pink-grey patchy colouration. Minor frac controlled clotty Py-Po. Strong varying alteration: K-Ser-Sil assemblage. Minor unaltered FGS 925.30-925.50m.	D72949	924.23	925.3	1.07	0.089	AGAT_FAICP		
			D72950	925.3	925.7	0.4	0.11	AGAT_FAICP		
			D72951	925.7	926.3	0.6	0.064	AGAT_FAICP		
			D72953	926.3	927.27	0.97	0.027	AGAT_FAICP		
927.27	**927.87**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP. Fine dark grey-brown groundmass hosting 15% mm scale leuco porphs; rounded; dolomite? Pale green altered contacts. No vis sulfs. No mag.	D72954	927.27	927.87	0.6	0.035	AGAT_FAICP		
927.87	**930.85**	**(FGG) Felsic Gneiss Granitic, ( )** Siliceous. Mottlled pink-grey colouration. 2% musc porphs; <5mm; subhedral; patchy. Strongly altered throughout: K-Ser-Sil; pervasive. No signif sulfs.	D72955	927.87	929	1.13	0.194	AGAT_FAICP		
			D72956	929	930	1	0.064	AGAT_FAICP		
			D72957	930	930.85	0.85	0.049	AGAT_FAICP		
930.85	**936.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey-green patchy colouration throughout. Compositionally as desc in 921.3-924.23m but more siliceous/altered. No vis sulfs. No signif veining. Weak fabric.	D72959	930.85	932	1.15	0.008	AGAT_FAICP		
			D72960	932	933	1	0.053	AGAT_FAICP		
			D72961	933	934	1	0.014	AGAT_FAICP		
			D72962	934	935	1	0.009	AGAT_FAICP		
			D72963	935	936	1	0.004	AGAT_FAICP		
			D72964	936	936.7	0.7	0.011	AGAT_FAICP		
936.70	**937.05**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Opq white qz with minor pink fspr. Strongly deformed; discordant. No signif sulfs or alt. Diffuse contacts.	D72965	936.7	937.05	0.35	0.008	AGAT_FAICP		
937.05	**937.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 930.85-936.70m but felsic porphs have increased in size and abundance: 15%;	D72967	937.05	937.85	0.8	0.05	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
<5mm; subround; white.										
937.85	**938.18**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Aphanitic dark grey-brown groundmass hosting 25% leuco porphs (dolomite?). Weakly mag. No vis sulfs. Typical pale green altered contacts.	D72968	937.85	938.18	0.33	0.002	AGAT_FAICP		
938.18	**939.47**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 937.05-937.85m. Porph texture diminished downhole; becomes masseve and strongly siliceous. Strongly brecciated throughout; likely resulting from inrtusion of proximal LAMPs. No vis sulfs. Strongly altered: K-Ser-Sil + unidentified dark green alteration.	D72969	938.18	939	0.82	0.003	AGAT_FAICP		
			D72970	939	939.47	0.47	0.007	AGAT_FAICP		
939.47	**940.75**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP. Fine massive dark grey-brown groundmass hosting 20% fine leuco porphs (dolomite?). Pale green altered contacts. No vis sulfs. Moderate mag.	D72971	939.47	940	0.53	0.002	AGAT_FAICP		
			D72973	940	940.6	0.6	0.007	AGAT_FAICP		
940.75	**944.85**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Mottled grey translucent qz hosting sulfides and coarse biot. Patchy dense aggs of coarse biot; 10% abundance; likely represent altered host selvages. 5% Py-Po; assoc with selvages; present as foliation controlled dense anhedral masses (anastomosing texture). Minor 15cm LAMP at 944.40m. Minor 20cm GBFG at 942.07m; comprises coarse biot/musc/garnet.	D72974	940.6	941	0.4	0.853	AGAT_FAICP		
			D72975	941	941.5	0.5	0.918	AGAT_FAICP		
			D72976	941.5	942.07	0.57	1	AGAT_FAICP		
			D72977	942.07	942.5	0.43	1.13	AGAT_FAICP		
			D72979	942.5	943	0.5	1.42	AGAT_FAICP		
			D72980	943	944	1	0.361	AGAT_FAICP		
			D72981	944	944.7	0.7	0.407	AGAT_FAICP		
944.85	**946.70**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine grained with minor fine red garnets (5%; <5mm; anhedral). 40% fine dissem biot; alignment imparts foliation. Fine dissem Py-Po throughout. Minor strongly deformed qz-fspr/masses; overall 3%. Occ strong alt bands: fol concordant; <10cm; K-Ser-Rut; yellow-green-pink.	D72982	944.7	945.23	0.53	2.17	AGAT_FAICP		
			D72983	945.23	946	0.77	1.58	AGAT_FAICP		
			D72984	946	946.7	0.7	0.442	AGAT_FAICP		
946.70	**952.15**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Translucent mottled grey white qz. Prominent dm scale segments comprising densely packed coarse biot; esp 950.2-951m. 1% sulfs: patchy; mm scale fine anhedral clots organized into loose colonies assoc with biot. Strong ductile deformation is evident. Entire unit appears to be comingled qv and qz flooded GBFG.	D72985	946.7	947.25	0.55	1.18	AGAT_FAICP		
			D72987	947.25	948	0.75	1.31	AGAT_FAICP		
			D72988	948	948.5	0.5	3.69	AGAT_FAICP		
			D72989	948.5	949	0.5	2.1	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72990	949	949.4	0.4	0.975	AGAT_FAICP		
			D72991	949.4	950.2	0.8	0.809	AGAT_FAICP		
			D72993	950.2	951	0.8	0.883	AGAT_FAICP		
			D72994	951	951.5	0.5	1.12	AGAT_FAICP		
			D72995	951.5	952.15	0.65	0.582	AGAT_FAICP		
952.15	**953.35**	**(QFP) Quartz Feldspar Porphyry, ( )**	D72996	952.15	952.55	0.4	0.616	AGAT_FAICP		
Dark grey groundmass hosting 20% coarse rounded felsic porphs; subround to lenticular; no preferred orientation. No vis sulfs. Goundmass is biot-rich; very fine; dissem; 30%. Strongly altered proximal to upper contact; obscures original texture; K-Hem-Chl-Ser; distinctive pink-green-yellow colouring. Minor strongly deformed PEG at 953.10-953.35m; qz-fspr; mottled pink-white.			D72997	952.55	953.1	0.55	0.176	AGAT_FAICP		
953.35	**954.63**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	D72999	953.1	953.7	0.6	6.4	AGAT_FAGRA		
Veining varies from dark and smokey qz at top of interval to opq white-pink pegmatitic qz-fspr at bottom. Overall 20% fine biot. No vis sulfs. Pale green alteration bands suggest proximity to LAMP. Alignment/organization of biot imparts foliation. Foliation is strongly deformed; appears closely folded; possible passive folding.			D73000	953.7	954.63	0.93	0.351	AGAT_FAICP		
954.63	**958.10**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z22303	954.63	955.5	0.87	0.246	AGAT_FAICP		
Very dark grey; colour obscures fabric. Weakly discernable foliation appears folded as previous. Occ cm scale amorphous qz masses with minor Py-Po at margins; filamentous. Occasional bands of intense alteration: pink-green-yellow; likely Chl-K-Hem-Ser-Rut assemblage; foliation concordant. Grades into porphyritic FGS at lower contact.			Z22304	955.5	956.3	0.8	0.271	AGAT_FAICP		
			Z22305	956.3	957.15	0.85	0.191	AGAT_FAICP		
			Z22307	957.15	958.1	0.95	0.674	AGAT_FAICP		
958.10	**960.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z22308	958.1	959	0.9	0.112	AGAT_FAICP		
Fine grained dark grey groundmass with 20% felsic porphs (weakly elongate; aligned with fol). Trace very fine dissem Py throughout. Intensely altered segment 959-959.35m: Hem-Ser-Chl-Rut; mottled red-green-pink-yellow colouration.			Z22309	959	959.45	0.45	0.182	AGAT_FAICP		
			Z22310	959.45	960	0.55	0.166	AGAT_FAICP		
960.00	**960.60**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	Z22311	960	960.6	0.6	0.077	AGAT_FAICP		
Gradational contact; uncertain attitude. Mottled grey-white qz with lesser cm scale grey fspr. 25% coarse dissem biot porphs; mm scale <5mm; no distinct alignment. Minor frac controlled ser. Trace fine dissem Py.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
960.60	**965.27**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine biot-rich groundmass hosting 40% dissem felsic porphs. Porphs are equant to lenticular; weakly aligned with foliation; mm scale. 25% fine biot; alignment/organization imparts foliation. No signif sulfs or alt. No veining. 10% fine dissem musc	Z22313	960.6	961	0.4	0.075	AGAT_FAICP		
			Z22314	961	962	1	0.016	AGAT_FAICP		
			Z22315	962	963	1	0.211	AGAT_FAICP		
			Z22316	963	964	1	0.006	AGAT_FAICP		
			Z22317	964	964.75	0.75	0.016	AGAT_FAICP		
			Z22319	964.75	965.27	0.52	0.012	AGAT_FAICP		
965.27	**965.95**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** Mottled pink-red-white. Intensely altered: K-Hem; patchy. No vis sulfs. 50% qz. Distinct contacts.	Z22320	965.27	966	0.73	0.009	AGAT_FAICP		
965.95	**974.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 960.6-965.27m. Occ K-Ser-Sil alt halos surrounding chaotic fine healed fracs and veinlets. No vis sulfs. 10% fine dissem musc.	Z22321	966	967	1	0.009	AGAT_FAICP		
			Z22322	967	968	1	0.008	AGAT_FAICP		
			Z22323	968	969	1	0.016	AGAT_FAICP		
			Z22324	969	970	1	0.037	AGAT_FAICP		
			Z22325	970	971	1	0.04	AGAT_FAICP		
			Z22327	971	972	1	0.03	AGAT_FAICP		
			Z22328	972	973	1	0.013	AGAT_FAICP		
			Z22329	973	974	1	0.013	AGAT_FAICP		
			Z22330	974	974.95	0.95	0.006	AGAT_FAICP		
974.95	**975.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Dark grey-brown fine groundmass hosting 15% fine leuco porphs (dolomite?). Strongly altered pale green laminated contacts. No vis sulfs.	Z22331	974.95	975.5	0.55	0.002	AGAT_FAICP		
975.50	**1009.93**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 960.6-965.27m. Foliation development increases downhole. Porph size increases downhole. No vis sulfs. No signif veining. Alt as previous; restricted to halos. Varying amp content; max 10% overall; fine and dissem. Minor extensional PEG 1007.80-1008.23m; low angle to core axis; high angle to foliation.	Z22333	975.5	976	0.5	0.002	AGAT_FAICP		
			Z22334	976	977	1	0.01	AGAT_FAICP		
			Z22335	977	978	1	0.292	AGAT_FAICP		
			Z22336	978	979	1	0.076	AGAT_FAICP		
			Z22337	979	980	1	0.123	AGAT_FAICP		
			Z22339	980	981	1	0.04	AGAT_FAICP		
			Z22340	981	982	1	0.031	AGAT_FAICP		
			Z22341	982	983	1	0.05	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z22342	983	984	1	0.038	AGAT_FAICP		
			Z22343	984	985.5	1.5	0.038	AGAT_FAICP		
			Z22344	985.5	987	1.5	0.031	AGAT_FAICP		
			Z22345	987	988.5	1.5	0.034	AGAT_FAICP		
			Z22347	988.5	990	1.5	0.025	AGAT_FAICP		
			Z22348	990	991.5	1.5	0.024	AGAT_FAICP		
			Z22349	991.5	993	1.5	0.029	AGAT_FAICP		
			Z22350	993	994.5	1.5	0.025	AGAT_FAICP		
			Z22351	994.5	996	1.5	0.03	AGAT_FAICP		
			Z22353	996	997.5	1.5	0.031	AGAT_FAICP		
			Z22354	997.5	999	1.5	0.044	AGAT_FAICP		
			Z22355	999	1000.5	1.5	0.05	AGAT_FAICP		
			Z22356	1000.5	1002	1.5	0.071	AGAT_FAICP		
			Z22357	1002	1003.5	1.5	0.206	AGAT_FAICP		
			Z22359	1003.5	1005	1.5	0.239	AGAT_FAICP		
			Z22360	1005	1006.5	1.5	0.077	AGAT_FAICP		
			Z22361	1006.5	1007.5	1	0.104	AGAT_FAICP		
			Z22362	1007.5	1008.5	1	0.126	AGAT_FAICP		
			Z22363	1008.5	1009.93	1.43	0.096	AGAT_FAICP		
1009.93	**1011.60**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	Z22364	1009.93	1011	1.07	0.116	AGAT_FAICP		
Opq white qz with minor pink fspr. 5% fspr; cm scale; subhedral. Occ dm scale FGS host selvages. Rare coarse hackly Po clots; <1cm. Distinct contacts. Appears deformed.			Z22365	1011	1011.6	0.6	0.006	AGAT_FAICP		
1011.60	**1011.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z22367	1011.6	1012	0.4	0.026	AGAT_FAICP		
Dark fine grained groundmass hosting 30% fine porphs (dolomite?). Not magnetic. No vis sulfs. Pale green altered margins.										
1011.90	**1014.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z22368	1012	1013	1	0.021	AGAT_FAICP		
			Z22369	1013	1014	1	0.145	AGAT_FAICP		
As desc in 975.5-1009.93m. Porphs abundance has increased to 40%. Biot-rich; 25%; FMG; alignment imparts moderate foliation; deforms around porphs. Minor fine dissem amp.			Z22370	1014	1014.8	0.8	0.039	AGAT_FAICP		
1014.80	**1015.35**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	Z22371	1014.8	1015.35	0.55	0.028	AGAT_FAICP		
Aphanitic opq white qz with 10% coarse subhedral fspr at margins. No vis sulfs. Prominent										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
dm scale biot-rich host selvages. Distinct contacts; assymetric; attests to ductile deformation.										
1015.35	**1016.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** As desc in 1011.9-1014.18m. Isoclinal/ptygmatic folded qz vein at 1016.70m; 2cm true thickness; foliation deforms around vein. No vis sulfs.	Z22373	1015.35	1016	0.65	0.021	AGAT_FAICP		
			Z22374	1016	1016.9	0.9	0.029	AGAT_FAICP		
1016.90	**1019.15**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Characterized by intercalated felsic and biot-rich bands. Banding is weakly deformed forming dm scale gentle folds. Comprises several foliation concordant veins hosting significant fine Po-Py. Strongly siliceous throughout. Becomes strongly epidote-chl altered downhole; imparts weak but pervasive green colouration.	Z22375	1016.9	1018.28	1.38	1.4	AGAT_FAICP		
			Z22376	1018.28	1019.15	0.87	0.484	AGAT_FAICP		
1019.15	**1019.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Similar to previous FGS POR. Porphs appear to be fused; imparts clotty texture. Compositionally the same as prev FGS. Minor fine dissem sulfs. No signif alt.	Z22377	1019.15	1019.9	0.75	0.658	AGAT_FAICP		
1019.90	**1023.50**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Dark grey siliceous translucent aphanitic groundmass hosting up to 40% dissem garnet. Garnets are very fine; densely packed; <2mm; anhedral. 20% fine dissem biot; occ dense patches of coarse biot hosting fine clotty Py-Po (5% over 20cm). Minor AMP at 1022.25-1022.45m; strongly chloritic. Intensely altered segment at 1023-1023.50m. ***VG found during review (63.8g/t #Z392): hosted in minor opq white qz mass (<3cm); gold is ultra fine dust to vf clots; appears microfrac controlled. Qz mass formed at high angle to foliation; locally obliterates fabric; extensional. Next sample (45.5g/t #Z393): no VG; comprises open folded laminated/reactivated QV hosting abund fine Po (interstitial clots and fine dissem within foliation; 2 gens?). Sample also comprises 20cm segment of intense green alteration; obliterates original texture.	Z22379	1019.9	1020.6	0.7	3.14	AGAT_FAICP		
			Z22380	1020.6	1020.95	0.35	2.88	AGAT_FAICP	Yes	VG
			Z22382	1020.95	1022	1.05	63.8	AGAT_FAGRA		
			Z22383	1022	1023	1	45.5	AGAT_FAGRA		
			Z22384	1023	1023.5	0.5	9.2	AGAT_FAGRA		
1023.50	**1024.65**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Aphanitic opq white qz. Occ coarse hackly Po clots. Strongly altered cm scale GBFG host selvage at 1024-1024.20m. Distinct contacts. Discordant.	Z22385	1023.5	1024	0.5	0.188	AGAT_FAICP		
			Z22387	1024	1024.65	0.65	0.155	AGAT_FAICP		
1024.65	**1030.65**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Upper 1-2m hosts very coarse garnet; cm scale <2cm; 30%; fining downhole. 40% biot; begins coarse; fining downhole; alignment imparts weak foliation that deforms around garnet porphs. Very fine dissem Py-Po throughout; 2%. Strongly altered segment at 1025.15-1025.35m; pale creamy green; opaline; too soft to be qz.	Z22388	1024.65	1025.45	0.8	2.39	AGAT_FAICP		
			Z22389	1025.45	1026	0.55	2.83	AGAT_FAICP		
			Z22390	1026	1027	1	0.694	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z22391	1027	1028	1	0.967	AGAT_FAICP		
			Z22393	1028	1029	1	0.72	AGAT_FAICP		
			Z22394	1029	1030	1	3.25	AGAT_FAICP		
			Z22395	1030	1030.65	0.65	2.68	AGAT_FAICP		
1030.65	**1036.50**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	Z22396	1030.65	1031.3	0.65	0.091	AGAT_FAICP		
Intermediate composition. Fine felsic groundmass hosting 30% fine amp porphs. Amp porphs are mm scale; elongate; alignment imparts foliation. 15% fine dissem biot; foliation aligned. No significant veining. No signif sulfs. Pervasive but weak green colouration throughout; possible weak chl alt? Unit appears concordant with overall fabric.			Z22397	1031.3	1032	0.7	0.105	AGAT_FAICP		
			Z22399	1032	1033	1	0.256	AGAT_FAICP		
			Z22400	1033	1034	1	0.028	AGAT_FAICP		
			Z22401	1034	1035	1	0.011	AGAT_FAICP		
			Z22402	1035	1036	1	0.044	AGAT_FAICP		
			Z22403	1036	1036.5	0.5	0.098	AGAT_FAICP		
1036.50	**1042.55**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z22404	1036.5	1037	0.5	2.18	AGAT_FAICP		
Fine grained throughout. Distinctive banding imparted by variation in amp content: dark green amp-rich bands intercalated with lighter coloured bands of intermediate composition; cm scale. 5% veining: diffuse; foliation concordant; lenticular. Occ scapolite-rich felsic bands; likely relict veins; cm scale <5cm. 2% Po present as fine hackly clots organized into loose cm scale colonies controlled by foliation; concentrated within amp-rich bands. Becomes strongly siliceous proximal to lower contact; sulfs become more coarse; grades into FGS. Distinctive gentle folding of foliation; dm scale wavelength.			Z22405	1037	1038	1	1.02	AGAT_FAICP		
			Z22407	1038	1039	1	2.57	AGAT_FAICP		
			Z22408	1039	1040	1	3.28	AGAT_FAICP		
			Z22409	1040	1041	1	3.79	AGAT_FAICP		
			Z22410	1041	1041.5	0.5	4.95	AGAT_FAICP		
			Z22411	1041.5	1042.55	1.05	3.66	AGAT_FAICP		
1042.55	**1043.75**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone**	Z22413	1042.55	1043.75	1.2	4.27	AGAT_FAICP		
15% fine biot; varying disribution imparts characteristic banding. No signif sulfs or veining. Very fine dissem felsic micro-porphs throughout. Banding/foliation is not deformed but assumes more shallow attitude relative to core axis downhole. Grades into QFP.										
1043.75	**1045.05**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z22414	1043.75	1045.05	1.3	4.52	AGAT_FAICP		
Fine grained felsic groundmass hosting 30% dissem leuco porphs. Porphs are felsic; equant; subang; no preferred orientation. Intensely altered 1044-1044.70m; green-yellow-pink colouration: Rut-Chl-K assemblage; obscures primary texture. Low angle qz-fspr vein 1045.05-1045.70m; translucent qz hosting 40% euhedral cm scale fspr xls; no vis sulfs; extensional. Grades into qz-flooded segment.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1045.05	**1050.88**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Qz flooded GBFG. Qz is mottled grey-white; translucent. Primary texture and composition is barely recognizable. 15% biot; fine grained arrangement imparts weak foliaiton. Distinctive POR segments; dm scale; translucent qz hosting abundant coarse euhedral white fspr porphs. Patchy Po-Py: mm scale anhedral clots in loose colonies within biot-rich segments; organized within foliation (diffuse bands of fine biot; likely reps original fabric). Ultrafine trace MoS comingled withsulfs. VG at 1047.65 and 1050.50: sub mm scale specks; both isolated and comingled with Po.	Z22415	1045.05	1045.75	0.7	1.81	AGAT_FAICP		
			Z22416	1045.75	1046.5	0.75	13.9	AGAT_FAGRA		
			Z22417	1046.5	1047	0.5	9	AGAT_FAGRA		
			Z22419	1047	1047.5	0.5	6	AGAT_FAGRA		
			Z22420	1047.5	1048	0.5	59.9	AGAT_FAGRA		
			Z22422	1048	1049	1	13	AGAT_FAGRA		
			Z22423	1049	1049.5	0.5	7.1	AGAT_FAGRA		
			Z22424	1049.5	1050	0.5	3.99	AGAT_FAICP		
			Z22425	1050	1050.5	0.5	7.8	AGAT_FAGRA	Yes	VG
			Z22450	1050.5	1051	0.5	6.8	AGAT_FAGRA		Out of depth sequence
1050.88	**1059.00**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Characterized by compostional banding: intercalated light and dark green mm to cm scale bands arising from variation in amp content; overall intermediate composition. Some felsic banding likely relict veining. Banding/foliation is deformed; undulose; gently folded. Grain size is mostly homogeneous and fine; occ felsic bands hosting 15% mm scale amp clots. Medium to coarse clotty Po-Py: overall 2%; mm scale anhedral masses arranged in loose colonies controlled by foliation. No significant alteration. Occ distinct discordant white qz veins; deformed; hosting very coarse cm scale subhedral Po-Py masses; 1% overall vein abundance.	Z22428	1051	1052	1	1.07	AGAT_FAICP		
			Z22429	1052	1053	1	0.349	AGAT_FAICP		
			Z22430	1053	1054	1	0.339	AGAT_FAICP		
			Z22431	1054	1055	1	0.344	AGAT_FAICP		
			Z22433	1055	1056	1	0.398	AGAT_FAICP		
			Z22434	1056	1057	1	0.315	AGAT_FAICP		
			Z22435	1057	1058	1	0.343	AGAT_FAICP		
			Z22436	1058	1058.9	0.9	0.55	AGAT_FAICP		
1059.00	**1059.25**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Aphanitic; dark grey-brown. Mod mag. No vis sulfs. No alteration at contact (unusual).	Z22437	1058.9	1059.35	0.45	0.278	AGAT_FAICP		
1059.25	**1068.45**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** As desc in 1050.88-1054m. Partial melt segment at 1062.50-1062.77m: felsic groundmass hosting 15% coarse anhedral amp porphs/clots.	Z22439	1059.35	1060	0.65	1.15	AGAT_FAICP		
			Z22440	1060	1061.3	1.3	0.838	AGAT_FAICP		
			Z22441	1061.3	1061.7	0.4	0.375	AGAT_FAICP		
			Z22442	1061.7	1062.4	0.7	2.08	AGAT_FAICP		
			Z22443	1062.4	1063	0.6	1.17	AGAT_FAICP		
			Z22444	1063	1064	1	0.851	AGAT_FAICP		
			Z22445	1064	1065	1	0.302	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z22447	1065	1066	1	0.184	AGAT_FAICP		
			Z22448	1066	1067	1	0.635	AGAT_FAICP		
			Z22449	1067	1068	1	0.556	AGAT_FAICP		
			Z22451	1068	1068.45	0.45	0.108	AGAT_FAICP		
1068.45	**1069.40**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Pegmatitic qz-fspr vein. 80% translucent grey-white mottled qz with 20% subhedral green fspr. Selctive Ser alteration imparts green colour to fspr. Non-distinct contacts. 5% patchy coarse biot; comingled with minor fine Po (0.3%).	Z22453	1068.45	1069	0.55	0.015	AGAT_FAICP		
			Z22454	1069	1069.4	0.4	0.021	AGAT_FAICP		
1069.40	**1070.75**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** As desc in 1050.88-1054m. Banding/foliation has become more pronounced. Elevated felsic content. Foliation lies subparallel to fold axis; undulose; gently folded. Minor partial melt at 1069.90-1070.05m: does not bisect core; lies within gentle fold trough. Minor patchy Py-Po. No signif alt.	Z22455	1069.4	1070.05	0.65	0.015	AGAT_FAICP		
			Z22456	1070.05	1070.75	0.7	0.259	AGAT_FAICP		
1070.75	**1074.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** Aphanitic strongly siliceous white-grey groundmass hosting 15% fine dissem biot. Biot is loosely organized/aligned; imparts weak foliation. Mottled appearance. Occ dm scale melt segment; mostly qz; diffuse; amorphous. Minor fine dissem Py-Po throughout; <1%. No significant alteration except for possible silicification.	Z22457	1070.75	1071.3	0.55	0.273	AGAT_FAICP		
			Z22459	1071.3	1072.1	0.8	0.229	AGAT_FAICP		
			Z22460	1072.1	1073	0.9	0.225	AGAT_FAICP		
			Z22461	1073	1074	1	0.849	AGAT_FAICP		
			Z22462	1074	1074.9	0.9	0.577	AGAT_FAICP		
1074.90	**1075.30**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Pegmatitic qz-fspr vein. >80% qz. Obscure contacts; diffuse; melted. 25% coarse biot; no preferred orientation. No signif sulfs. or alteration.	Z22463	1074.9	1075.5	0.6	0.587	AGAT_FAICP		
1075.30	**1076.63**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** As desc in 1070.75-1074.90m	Z22464	1075.5	1076.63	1.13	1.76	AGAT_FAICP		
1076.63	**1077.05**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Equigranular. Pale grey; translucent. Semi-distinct contacts. No vis sulfs. >90% qz. Minor fine dissem biot.	Z22465	1076.63	1077.05	0.42	0.545	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
1077.05	**1081.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** As desc in 1070.75-1074.90m. Locally strong patchy alteration: dm scale enclaves; Ser-K assemblage; pervasive silicification. Minor biot-rich enclave at 1080.5-1080.75m; likely strongly alteres minor AMP bed. S0 lies oblique to S1; suggest proximity to fold hinge. No signif sulfs. Minor veining: deformed/boudinaged; appears barren. Strongly siliceous/silicified	Z22467	1077.05	1078.15	1.1	0.848	AGAT_FAICP		
			Z22468	1078.15	1079.35	1.2	2.6	AGAT_FAICP		
			Z22469	1079.35	1080.5	1.15	0.38	AGAT_FAICP		
			Z22470	1080.5	1081.25	0.75	0.255	AGAT_FAICP		
1081.25	**1082.10**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Dark green and fine grained with light green deformed banding. Fine dissem Py-Po throughout; <1%. No signif veining or alteration. Overall composition: 60% amp; 25% biot; 15% felsics.	Z22471	1081.25	1082.1	0.85	0.365	AGAT_FAICP		
1082.10	**1085.07**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** As desc in 1070.75-1074.90m. No alteratio or veining. No signif sulfs. Melt texture has been replaced by weakly banded/foliated texture: cm scale felsic bands hosting coarse amp clots; segregation texture.	Z22473	1082.1	1083	0.9	0.012	AGAT_FAICP		
			Z22474	1083	1084	1	0.013	AGAT_FAICP		
			Z22475	1084	1085.07	1.07	0.015	AGAT_FAICP		
1085.07	**1088.13**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** As desc in 1081.25-1082.10m	Z22476	1085.07	1086	0.93	0.044	AGAT_FAICP		
			Z22477	1086	1087	1	0.213	AGAT_FAICP		
			Z22479	1087	1088.13	1.13	0.409	AGAT_FAICP		
1088.13	**1091.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** As desc in 1082.10-1085.07m	Z22480	1088.13	1089	0.87	0.152	AGAT_FAICP		
			Z22481	1089	1090	1	0.065	AGAT_FAICP		
			Z22482	1090	1091.2	1.2	0.158	AGAT_FAICP		
1091.20	**1091.60**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained; dark green. Intermediate composition. 10% felsic porphs; <1cm; subround. No signif sulfs.	Z22483	1091.2	1091.6	0.4	0.094	AGAT_FAICP		
1091.60	**1102.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** As desc in 1082.10-1085.07m.	Z22484	1091.6	1093	1.4	0.149	AGAT_FAICP		
			Z22485	1093	1094.5	1.5	0.236	AGAT_FAICP		
			Z22487	1094.5	1096	1.5	0.185	AGAT_FAICP		
			Z22488	1096	1097.5	1.5	0.199	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z22489	1097.5	1099	1.5	0.582	AGAT_FAICP		
			Z22490	1099	1100	1	0.228	AGAT_FAICP		
			Z22491	1100	1101	1	0.291	AGAT_FAICP		
			Z22493	1101	1102	1	0.433	AGAT_FAICP		
1102.00	**1103.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Typical LAMP. Dark grey-brown fine groundmass hosting 15% fine leuco porphs (dolomite?). No vis sulfs. Pale green altered margins	Z22494	1102	1103	1	0.047	AGAT_FAICP		
1103.00	**1109.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** Fine grained; homogeneous. 15% fine dissem biot; weak alignment imparts foliaiton. Rare cm scale opq white qz veins; moderately deformed; No vis sulfs or alt. Negligible amp content.	Z22495	1103	1104	1	0.129	AGAT_FAICP		
			Z22496	1104	1104.5	0.5	0.068	AGAT_FAICP		
			Z22497	1104.5	1105.2	0.7	0.141	AGAT_FAICP		
			Z22499	1105.2	1106.5	1.3	0.132	AGAT_FAICP		
			Z22500	1106.5	1107.3	0.8	0.398	AGAT_FAICP		
			Z22501	1107.3	1108.2	0.9	0.404	AGAT_FAICP		
			Z22502	1108.2	1109.2	1	0.158	AGAT_FAICP		
1109.20	**1109.85**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Diffuse gradational contacts. Intermediate composition. Felsic groundmass with 50% fine dissem amp porphs. Minor patchy Ser-Chl alt. No signif sulfs. Comprises well preserved slicken features at 1109.50m	Z22503	1109.2	1110	0.8	0.108	AGAT_FAICP		
1109.85	**1112.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** As desc in 1103-1109.2m. Elevated amp realtive to prev FGS; 15% mm scale porphs; elongate; alignment imparts foliation. No signif sulfs	Z22504	1110	1111	1	0.016	AGAT_FAICP		
			Z22505	1111	1112.1	1.1	0.029	AGAT_FAICP		
1112.28	**1113.00**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Characterized by cm scale inter-banded light and dark green lithons. Apparent significant ductile deformation. Rare loose colonies of fine Po-Py; mm scale blebs; overall 0.1%. No signif alt.	Z22507	1112.1	1113.1	1	0.011	AGAT_FAICP		
1113.00	**1122.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone**	Z22508	1113.1	1114	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
		FGS with frequent cm scale AMP bands <20cm. Combined 30% fine dissem biot-amp; alignment imparts foliation. Occasional discordant amorphous qz masses; <10cm; no signif sulfs. Minor banded K-Ser alteration.	Z22509	1114	1115	1	0.004	AGAT_FAICP		
			Z22510	1115	1116	1	0.005	AGAT_FAICP		
			Z22511	1116	1117	1	0.017	AGAT_FAICP		
			Z22513	1117	1118.15	1.15	0.006	AGAT_FAICP		
			Z22514	1118.15	1118.6	0.45	0.008	AGAT_FAICP		
			Z22515	1118.6	1120	1.4	0.013	AGAT_FAICP		
			Z22516	1120	1121.4	1.4	0.006	AGAT_FAICP		
			Z22517	1121.4	1122.38	0.98	0.047	AGAT_FAICP		
1122.38	**1123.00**	**(AMP, QV) Amphibolite, Quartz Vein, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Interval comprises dark green hoogeneous AMP intercalated with cm to dm scale QVs. Interval contacts converge suggesting a fold hinge. Qz is translucent white; coarse; hosting abundant cm scale euhedral biot porphs. Veins host minor Po-Py: clotty; mm scale. No signif alt. Significant ductile deformation.	Z22519	1122.38	1123	0.62	0.01	AGAT_FAICP		
1123.00	**1126.43**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** Texture varies from banded (upper interval) to massive and homogeneous (lower interval) with apparent elevation in biot abundace. Occ POR segments comprising 20% dissem felsic porphs; <20cm. Minor Po in occ loose colonies; fine xls; overall abundance <0.5%.	Z22520	1123	1123.8	0.8	0.009	AGAT_FAICP		
			Z22521	1123.8	1124.2	0.4	0.004	AGAT_FAICP		
			Z22522	1124.2	1125	0.8	0.007	AGAT_FAICP		
			Z22523	1125	1126	1	0.006	AGAT_FAICP		
			Z22524	1126	1126.43	0.43	0.016	AGAT_FAICP		
1126.43	**1126.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Massive. Homogeneous. Weakly magnetic. No vis sulfs or alt. Contacts are notably unaltered.								
1126.70	**1134.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl + garnets below the gold zone** Dark homogeneous FGS; very fine grained. 10% fine red garnets; organized into loose colonies forming parallel bands; imparts weak foliation. Minor Po: mostly foliation controlled; flattened on fol surfaces. Minor QFP segment 1130.1-1130.20m. Intense alt band 1133.70-1133.90m; otherwise unaltered. Unit distinguished by fine texture and abundant very fine dissem biot.	Z22525	1126.43	1127.2	0.77	0.01	AGAT_FAICP		
			Z22527	1127.2	1128	0.8	0.019	AGAT_FAICP		
			Z22528	1128	1129.5	1.5	0.129	AGAT_FAICP		
			Z22529	1129.5	1131	1.5	0.017	AGAT_FAICP		
			Z22530	1131	1132.5	1.5	0.013	AGAT_FAICP		
			Z22531	1132.5	1134	1.5	0.021	AGAT_FAICP		
1134.20	**1135.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl +**	Z22533	1134	1135	1	0.017	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	Z22534	1135	1135.4	0.4	0.008	AGAT_FAICP		
		Intermediate composition: 30% amp; 20% biot; 50% felsics. Strongly porphyritic (20% mm scale dissem felsic porphs) becoming phaneritic/homogeneous downhole. Minor very fine dissem sulfs throughout. No signif alt.								
1135.40	**1137.00**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2)**	Z22535	1135.4	1136	0.6	0.021	AGAT_FAICP		
		Massive quartz vein	Z22536	1136	1137	1	0.011	AGAT_FAICP		
		FGS as desc in 1134.2-1135.4m. Minor cm scale AMP bands. Qz is translucent white with minor fspr and amp clots; non-distinct contacts. Unit hosts 1% sulfs overall: Po-Py; fine hackly anhedral clots arranged in loose colonies. 20% biot abundance; FMG; dissem. No signif alt.								
1137.00	**1137.45**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z22537	1137	1137.45	0.45	0.005	AGAT_FAICP		
		Dark fine grained groundmass hosting 30% mm scale leuco porphs (dolomite?). Contacts notably unaltered.								
1137.45	**1140.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable Bl +**	Z22539	1137.45	1138	0.55	0.014	AGAT_FAICP		
		garnets below the gold zone	Z22540	1138	1139	1	0.013	AGAT_FAICP		
		Medium grained FGS with 15% fine dissem biot and 30% blebby amp. Fine dissem Py-Po throughout. Occ concordant qz veins/bands; <2cm; undeformed. No signif alt. EOH.	Z22541	1139	1140	1	0.038	AGAT_FAICP		

Newmont
Geological Description with Assays

Hole ID : **BL19-01095**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	15.823	Easting :	333400.44	Logged By :	Brad.Clarke
Dip :	-69.446	Northing :	5302756.95	Logged By 2 :	
Length :	993	Elevation :	434.002	Log Start :	7-Nov-2019
Drill Start :	21-Oct-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	28-Nov-2019
Drill Completed :		Township :	Cochrane	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Updated target depth: 960m. While drilling at 591m rods jammed at 513m (blocky). 4ft rimmed then hex core barrel replaced with round core barrel to prevent jamming. Keep track of deviation to ensure target is reached. On Nov 08: rods difficult to pull between 606 and 513m; high water pressure from 513m sill so Van Ruth plug installed at 515m and cement injected above. Original EOH was 987m because of block errors. Actual EOH is 993m. Mineralization and lithologies observed almost duplicated BL18-01058. Lower MAM section within the footwall AMP contains significant mineralization and contained one visible gold spec.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**19.60**	**(OB) Overburden, ( )**								
19.60	**21.09**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Localized sections with varying grain size. DIOUN unit.								
21.09	**25.34**	**(DIO) Diorite, ( )**								
		Possible QFP or FGS (DIOUN). Medium-coarse grained; euhedral to subhedral; quartz feldspar phenocrysts within a fine-medium grained; biottie rich; felsic matrix. Upper contact obscured by blocky core.								
25.34	**30.90**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Localized 1-10 cm thick; foliation parallel pegmatites.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

30.90 31.78 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Likley migmatic pegmatite. Abundant reminant biotite crystals.

31.78 51.12 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with varying grain size. Localized sections with increased amphibole percentage. Localized <1-2 cm thick migmatic pegmatites.

51.12 52.32 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Possible amphibole rich FGS. Localized sections with varying amphibole percentage.

52.32 58.15 (FGS) Felsic Gneiss Sedimentary, ( )

Localized sections with arying grain size. Localized sections with abundant amphibole crystals. Localized 1-10 cm thick pegmatites.

58.15 60.32 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Alkalic dike.

60.32 91.07 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated weakly porphyritic grey FGS. Locally and gradually AMP content increases. Generally equigranular but locally sub rounded plag porphs are observed. Few small PEG veins. Few small fractures at 671m have strong K alteration halo. Where Amp content increases Amps are subhedral in form and medium to coarse grained. Matrix consists of plag qtz amp bio. Py observed pervasively and locally in small aggregates. Epidote observed rarely. Many small white veinlets with weak alteration halos pervasively.

91.07 93.04 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained moderately foliated weakly porphyritic dark grey AMP. Weakly magnetic. Coarse euhedral Amp cyrstals observed throughout. Trace Py. Ample bio. Sharp upper and lower contracts. Verges toward intermediate AMP.

93.04 109.70 (FGS) Felsic Gneiss Sedimentary, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Medium grained moderately foliated weakly porphyritic grey FGS. Locally and gradually AMP content increases. Generally equigranular but locally coarse sub rounded plag porphs are observed. Few small PEG veins. Matrix consists of plag qtz bio amp. Py observed pervasively and locally in small aggregates. Many small white veinlets with weak alteration halos pervasively. Sharp upper and lower contacts.								
109.70	**110.27**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated amp and bio rich dark grey FGS. Matrix consists of plag amp bio and qtz. Medium grained Amp porphs throughout. Sharp upper and lower contacts. Trace fine diss Py. Few small white veinlets.								
110.27	**120.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium grained moderately foliated weakly porphyritic grey FGS. Generally equigranular but locally coarse sub rounded plag porphs are observed. Few small PEG veins. Matrix consists of plag qtz bio amp. Trace fine diss Py unevenly distributed. Many small white veinlets with weak alteration halos pervasively. Locally melt textures observed and few QF veins. Sharp upper and lower contacts.								
120.50	**120.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Fine grained altered banded magnetic dark grey LAMP dyke. Contacts are light green and altered. White carbonate spots within the dyke. No sulfides. Immediate upper and lower contact.								
120.90	**125.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse grained moderately foliated weakly banded grey FGS. Generally equigranular but locally coarse rounded Amp porphs are observed with depletion halos. Matrix consists of plag qtz bio amp. Minor diss Py unevenly distributed. Strongly K altered throughout. Sharp upper and lower contacts.								
125.00	**126.94**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Fine grained altered banded magnetic dark grey LAMP dyke. Contacts are light green and altered. White carbonate spots within the dyke. No sulfides. Immediate upper and lower contact. Large cobbled sized xenoliths unevenly distributed within the dyke.								
126.94	**127.49**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse grained weakly foliated strongly porphyritic grey FGS. Coarse subrounded plag crystals throughout the plag qtz bio amp matric. Minor subhedral Py pervasively. Sharp upper and lower contacts. Altered upper contact.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

127.49 128.06 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink and white PEG vein. No sulfides. Sharp upper and lower contacts.

128.06 132.00 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated porphyritic grey FGS. Coarse white and light pink plag porphs throughout. within a plag qtz bio amp matrix. Minor fine diss Py pervasively. Few QF veins and white veinlets with weak alteration halos.

132.00 132.38 (AMP) Amphibolite, ( )

Fine to medium grained compositionally banded cpx rich irregular AMP unit. Sharp upper and lower contacts. Coarse Py aggregates unevenly distributed. One small pink PEG vein along upper contact. Non magnetic.

132.38 134.26 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated porphyritic grey FGS. Coarse white and light pink plag porphs throughout. within a plag qtz bio amp matrix. Minor fine diss Py pervasively. Few QF veins and white veinlets with weak alteration halos. Sharp upper and lower contacts.

134.26 135.62 (AMP) Amphibolite, ( )

Fine to medium grained weakly foliated green AMP. Several brittle qtz carb veinlets with little to no alteration halos. Sharp upper and lower contacts. No sulfides observed.

135.62 137.11 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated porphyritic grey FGS. Coarse white and light pink plag porphs throughout. within a plag qtz bio amp matrix. Minor fine diss Py pervasively. Few QF veins and white veinlets with weak alteration halos. Sharp upper and lower contacts.

137.11 137.58 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated intermediate AMP. No sulfides observed. White plag within the matrix. Sharp upper and lower contact.

137.58 148.92 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated locally porphyritic grey FGS. Coarse white and light pink

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

plag porphs throughout within a plag qtz bio amp matrix. Minor fine diss Py pervasively. Few QF veins and white veinlets with weak alteration halos. Sharp upper and lower contacts. Few small AMP clast? or bands observed locally.

148.92 151.98 (AMP) Amphibolite, ( )

Medium to coarse grained moderately foliated slightly banded green AMP. Medium and course subrounded AMP porphs are pervasive within a medium grained Amp plag bio matrix. Plag rich banding throughout. Very coarse sections locally. Sharp upper and lower contacts. Trace fine diss py and epidote locally.

151.98 152.83 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive coarse grained pink and white PEG vein. Minor bio. Sharp upper and lower biotite rich contacts.

152.83 154.21 (AMP) Amphibolite, ( )

Medium to coarse grained moderately foliated slightly banded green AMP. Medium and course subrounded AMP porphs are pervasive within a medium grained Amp plag bio matrix. Plag rich banding throughout. Very coarse sections locally. Sharp upper and lower contacts. Trace fine diss py and epidote locally. Gentle irregular open folding observed.

154.21 155.24 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Equigranular. One irregular AMP patch. plag qtz bio amp matrix. Sharp upper and lower contacts. Trace fine diss Py observed.

155.24 158.12 (AMP) Amphibolite, ( )

Medium to coarse grained moderately foliated slightly banded green AMP. Medium and course subrounded AMP porphs are pervasive within a medium grained Amp plag bio matrix. Plag rich banding throughout. Very coarse Amp and Bio along the lower contact. Sharp upper and lower contacts. Trace fine diss py and epidote locally. Gentle open folds locally.

158.12 158.36 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Equigranular. One irregular AMP patch. plag qtz bio amp matrix. Sharp upper and lower contacts. Trace fine diss Py observed. Middle of a fold/ converging boundaries.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

158.36 162.30 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Very coarse strongly foliated black brown and green AMP. Almost entirely altered to biotite. Minor Amp left in the matrix between very coarse biotite. Slightly vuggy pervasively where alteration or drilling has removed or weathered biotite out. Sharp upper and lower contacts. No sulfides observed.

162.30 164.47 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Equigranular. Plag qtz bio amp matrix. Sharp upper and lower contacts. Trace fine diss Py observed. Few small white veinlets.

164.47 165.50 (UMD, DIA) UM\LAMP Dike, Diabase Dike, (LAMPD) UMD - Lamprophyre Dyke

Massive banded magnetic dark grey carb rich LAMP with two small Diabase sections within the unit. No sulfides. Sharp upper and lower and inner contacts.

165.50 186.97 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Equigranular. Plag qtz bio amp matrix. Sharp upper and lower contacts. Trace fine diss Py observed. Few small white veinlets. Weak porphyritic texture gradually fades in and out. Few QF veins. One altered matre at 176m.

186.97 188.50 (PEG) Pegmatite, ( )

Massive pink PEG vein. Minor bio. No sulfides. Sharp contacts.

188.50 189.85 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated grey FGS. Equigranular. Plag qtz bio amp matrix. Sharp upper and lower contacts. Trace fine diss Py observed. Few small white veinlets.

189.85 190.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine grained massive slightly banded magnetic dark grey LAMP dyke. Minor carbonate. Few carb veinlets. Sharp altered upper and lower contacts.

190.80 209.75 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Equigranular. Plag qtz bio amp matrix. Sharp

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

upper contact. Trace fine diss Py observed. Few small white veinlets. Few small white barren QVs. Locally large irregular patches (bombs? Clasts?) observed. Strong red alteration halos observed between 202 and 204 where several small green LAMP dykes and qtz carb veins are observed.

209.75 216.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained moderately foliated Amp rich grey FGS. Amp crystals are pervasive but locally coarsed grained. Gradual upper and lower contacts. Few white veinlets with weak alteration halos. Trace Py. Lower contact defined by a healed fault.

216.00 252.96 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Equigranular. Plag qtz amp bio matrix. Sharp upper contact defined by a healed fault. Trace fine diss Py observed. Few small white veinlets. An slight increase in Amp content observed down hole. Grain size and Amp content resembles what was previously DIOAM unit but it doesn't have any noteable labradorite. Pervasive qtz eye texture.

252.96 254.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Green non magnetic xenolith rich compositionally banded LAMP dyke. Slightly unaltered contacts compared with the more altered center. Opposite to the typical pattern. No sulfides.

254.00 264.20 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated amp rich grey and black FGS. Equigranular. Plag amp qtz bio matrix. Sharp upper contact with LAMP dyke. Trace fine diss Py observed. Few small white veinlets. Grain size and Amp content resembles what was previously DIOAM unit but it doesn't have any noteable labradorite. Few migmatitic and melt patches. One small PEG vein.

264.20 268.64 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly foliated porphyritic grey QFP. Sharp upper and lower contacts. Coarse coarse subrounded plag crystals throughout. Minor fine diss Py throughout. Ample Amp pervasively. Few small Amp patches. Few carb veinlets with weak to strong red K alteration halos.

268.64 269.03 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink coarse PEG vein. Minor diss PEG.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

269.03 270.50 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly foliated porphyritic grey QFP. Sharp upper and lower contacts. Coarse coarse subrounded plag crystals throughout. Minor fine diss Py throughout. Ample Amp pervasively. Few small Amp patches. Few carb veinlets with weak to strong red K alteration halos.

270.50 274.55 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated amp rich grey and black FGS. Equigranular. Plag amp qtz bio matrix. Sharp upper contact with QFP. Trace fine diss Py observed. Few small white veinlets. Grain size and Amp content resembles what was previously DIOAM unit but it doesn't have any noteable labradorite. Few migmatitic and melt patches. One small 5cm wide LAMP dykelet.

274.55 279.22 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly foliated porphyritic grey QFP. Sharp upper and lower contacts. Coarse coarse subrounded plag crystals throughout. Minor fine diss Py throughout. Ample Amp pervasively. Few small Amp patches. Few carb veinlets with weak to strong red K alteration halos. Few small QF veins.

279.22 279.92 (PEG) Pegmatite, ( )

Massive PEG vein with minor bio.

279.92 280.39 (QFP) Quartz Feldspar Porphyry, ( )

Medium to coarse grained weakly foliated porphyritic grey QFP. Sharp upper contact. Coarse coarse subrounded plag crystals throughout. Minor fine diss Py throughout. Ample Amp pervasively. Few small Amp patches. Few carb veinlets with weak to strong red K alteration halos. Sharp irregular deformed lower contacts.

280.39 283.24 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated grey FGS. More Amp than Bio. Minor Amp. Sharp lower contact. Irregular upper contact. Minor fine diss Py pervasively. Equigranular. Foliation weak and difficult to measure. Rounded Amp crystals with deleption halos unevenly distributed throughout.

283.24 285.05 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Pink compositionally banded PEG vein. Coarse Amp crystals with depletion halos confined in large gradual bands. No sulfides.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

285.05 290.54 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated grey FGS. More Amp than Bio. Minor Amp. Sharp upper contact. Folded lower contact. Minor fine diss Py pervasively. Equigranular. Foliation weak and difficult to measure. Rounded Amp crystals with deleption halos unevenly distributed throughout. Gentle F2 folds around PEG veins may be passive folding or boudinaged.

290.54 293.08 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Medium to coarse grained moderately foliated intermediate AMP. Might be Amp rich FGS. Converging contacts. Contacts are tightly folded (See photos). Amp and plag porphs throughout. No sulfides observed. Few patches or clasts of AMP. Non magnetic. Little qtz.

293.08 311.20 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated grey FGS. More Amp than Bio. Minor Amp. Sharp lower contact. Folded upper contact. Minor fine diss Py pervasively. Porphyroblastic. Foliation weak and difficult to measure. Rounded Amp porphyroblastic with deleption halos unevenly distributed throughout. Qtz eye texture locally. One altered section where several white veinlets are abundant.

311.20 311.46 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green AMP. Sharp contacts. Minor plag. No sulfides observed. Non magnetic.

311.46 312.08 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated grey FGS. Minor Amp. Sharp upper and lower contacts. Minor fine diss Py pervasively. Porphyroblastic Amp cyrstals with depletion halos. Foliation weak and difficult to measure.

312.08 312.65 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green AMP. Sharp contacts. Minor plag. No sulfides observed. Non magnetic. Minor folding.

312.65 332.10 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained weakly foliated grey FGS. Foliation weak and difficult to measure. Rounded Amp porphyroblastic with deleption halos unevenly distributed throughout. Sharp upper and lower contacts. One section between 317.4 and 320.78 shows increased py and bio with gradational contacts. Lower portion below 325m shows irregular gentle folding and weak qtz

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

eye texture replacing amp porphs and depletion halos gradually.

332.10 335.11 (DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass

Fine to coarse grained moderately foliated porphyritic grey amp rich FGS. Medium to coarse grained subrounded white and pinkish white plag porphs throughout. Gentle open folding observed locally. Amp and plag make up majority of the matrix. Sharp upper and lower contacts. Few Qtz carb veins with alteration halos. Might be labeled as QFP in other logs. Trace fine diss Py.

335.11 335.66 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Medium to coarse grained banded pink and black granitic PEG vein. Contacts are gradational. Upper portion is a continuation of the lower unit. Coarse pink and black plag and amp crystals No sulfides. Non magnetic.

335.66 336.67 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated weakly qtz eye textured grey and light grey FGS. Sharp lower contact. Gradual upper contact. Rounded qtz porphs pervasively with slight variation in abundance and form. Minor fine diss Py. Little to no Amp. Minor bio. Non magnetic.

336.67 337.22 (AMP) Amphibolite, ( )

Fine to medium grained moderately to weakly foliated green AMP. Few small irregularly folded qtz veins within the unit. Sharp upper and lower contacts. Medium grained Amp locally within the unit. Altered lower contact. Trace Py.

337.22 341.60 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture unevenly observed throughout. Pink and bleached alteration halos are abundant around very thin white veinlets. Minor bio throughout. Rare amp. Sharp upper and lower contacts.

341.60 342.10 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained compositionally banded light green altered xenolith rich LAMP dyke. Non magnetic. No sulfides.

342.10 349.53 (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 weakly foliated grey FGS. Weak qtz eye texture unevenly observed throughout. Pink and bleached alteration halos are abundant around very thin white veinlets. Minor bio throughout. Rare amp. Sharp upper and lower contacts. Few white qtz carb veinlets with strong small red alteration halos.

349.53 351.37 (DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass

Fine to coarse grained moderately foliated porphyritic grey amp rich FGS. Medium to coarse grained subrounded white and pinkish white plag porphs throughout. Gentle open folding observed locally. Amp and plag make up majority of the matrix. Sharp upper and lower contacts. Might be labeled as QFP in other logs. Trace fine diss Py.

351.37 353.20 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture unevenly observed throughout. Pink and bleached alteration halos are abundant around very thin white veinlets. Minor bio throughout. Rare amp. Sharp upper and lower contacts. Contacts are gentle folded and lower angle. Few white qtz carb veinlets with strong small red alteration halos.

353.20 355.18 (DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass

Fine to coarse grained moderately foliated porphyritic grey amp rich FGS. Medium to coarse grained subrounded white and pinkish white plag porphs throughout. Gentle open folding observed locally. Amp and plag make up majority of the matrix. Sharp upper and lower contacts. Might be labeled as QFP in other logs. Trace fine diss Py.

355.18 368.42 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture unevenly observed throughout. Pink and bleached alteration halos are abundant around very thin white veinlets. Minor bio throughout. Rare amp. Sharp upper and lower contacts. Few white qtz carb veinlets with strong small red alteration halos. Few irregular small AMP rich bands (clasts?). Several different folded and irregular PEG veins. Minor fine diss Py.

368.42 369.52 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink medium grained granitic minor bio PEG vein. Sharp upper contact. Gradational lower contact. No sulfides.

369.52 371.35 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture observed

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

throughout. Gradual upper contact and sharp lower contact. Non magnetic. Minor fine diss Py. One small PEG vein near lower contact. Coarse qtz eye textured locally strong. Difficult to measure foliation due to low strain and grain size and lack of amp and bio.

371.35 374.44 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Large compositionally banded carbonate rich magnetic xenolith rich Lamp dyke with altered contacts. No sulfides. Ample white carbonate spots.

374.44 382.61 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture observed throughout. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. One small PEG vein. Coarse qtz eye textured locally strong. Difficult to measure foliation due to low strain and grain size and lack of amp and bio. Many small white veinlets with weak alteration halos.

382.61 383.90 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated weakly altered AMP unit. Sharp upper and lower contacts. Trace fine diss Py. Weak pervasive bleaching and sericite alteration.

383.90 410.05 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture observed throughout. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. Few small PEG veins. Coarse qtz eye textured locally strong. Difficult to measure foliation due to low strain and grain size and lack of amp and bio. Many small white veinlets with red weak and strong alteration halos.

410.05 410.42 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Large compositionally banded carbonate rich magnetic xenolith rich Lamp dyke with altered contacts. No sulfides. Ample white carbonate spots.

410.42 417.97 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture observed throughout. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. Coarse qtz eye textured locally strong. Difficult to measure foliation due to low strain and grain size and lack of amp and bio. Many small white veinlets with red weak and strong alteration halos.

417.97 421.30 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Large black Strongly magnetic strongly veined carbonate rich compositionally banded xenolith rich LAMP dyke. Medium to coarse grained xenoliths throughout. Many small and large white carbonate veins parallel to contacts pervasively. Strongly magnetic. No sulfides. Green altered contacts. Potential healed fault zone at 420m.								
421.30	**424.11**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture observed throughout. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. Coarse qtz eye textured locally strong. Difficult to measure foliation due to low strain and grain size and lack of amp and bio. Many small white veinlets with red weak and strong alteration halos. Contacts altered sightly as a result of the LAMP Dyke.								
424.11	**424.62**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Small compositionally banded carbonate rich xenolith rich green Lamp dyke with altered contacts. No sulfides. Ample white carbonate spots.								
424.62	**427.35**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Medium to coarse grained weakly foliated grey FGS. Weak qtz eye texture observed throughout. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. Coarse qtz eye textured locally strong. One small deformed PEG vein.								
427.35	**428.31**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
		Fine to medium grained moderately foliated greyish green intermediate AMP. Few small white veinlets with weak to strong alteration halos. Few small bands and patches are plag rich. Minor bio. Sharp upper and lower contacts.								
428.31	**429.69**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to coarse grained weakly foliated grey FGS. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. Coarse qtz eye textured locally strong. Patchy section and halos around small white veinlets with weak red and pink alteration halos.								
429.69	**430.32**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
		Pink and white massive grantic PEG vein. Low angle contacts. Sharp upper and lower contacts.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
430.32	**436.40**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to coarse grained weakly foliated grey FGS. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. Coarse qtz eye textured locally strong. Patchy section and halos around small white veinlets with weak red and pink alteration halos. Few irregular and deformed PEG veins. Equigranular.										
436.40	**438.00**	**(AMP) Amphibolite, ( )**								
Fine to coarse grained moderately foliated inequigranular compositionally banded weakly altered dark green AMP. Few small FGs and PEG veins parallel to contacts. Several veinlets with bleached alteration halos parallel to contacts and foliations. Sharp upper and lower contacts. Coarse strained AMP cyrstals locally.										
438.00	**449.11**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to coarse grained weakly foliated grey FGS. Sharp upper contact. Lower contact is defored short and gradual with a PEG vein along contact. Non magnetic. Minor fine diss Py. Patchy section and halos around small white veinlets with weak red and pink alteration halos. Few irregular and deformed PEG/Melt veins parallel to foliation.										
449.11	**449.55**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Small pink and white PEG vein along upper contacts of a QFP. Minor bio. Short gradual upper and lower contacts. No sulfides. Non magnetic.										
449.55	**453.63**	**(QFP) Quartz Feldspar Porphyry, ( )**								
Medium to coarse grained moderately foliated porphyritic grey and white QFP. Large coarse rounded Plag cyrstals pervasively within a plag amp qtz matrix. Minor bio. Sharp upper and lower contacts. No sulfides observed. Few bands of intermediate AMP. Few small weakly altered sections.										
453.63	**458.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Fine to coarse grained weakly foliated grey FGS. Sharp upper and lower contacts. Non magnetic. Minor fine diss Py. Weak porphyritic texture locally strong. Few irregular and deformed PEG veins. Equigranular.										
458.10	**458.81**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**								
Fine to medium grained moderately foliated greenish grey intermediate AMP or Amp rich FGS. Sharp upper and lower contacts. Trace fine diss Py. Non magnetic. Equigranular. Minor bio. Mainly plag and Amp. Non altered.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

458.81 459.21 (AMP) Amphibolite, ( )

Fine to medium grained moderately to strongly foliated green weakly porphyritic AMP. Medium to coarse grained strained Amp crystals pervasively. Sharp upper and lower contact. Trace fine diss Py. Non magnetic.

459.21 462.36 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Mainly equigranular with very weak porphyritc texture observed locally where plag grain size increases. Few small and large PEG migmatite or PEG veins along foliation. Minor fine diss Py pervasively. Non magnetic.

462.36 464.44 (AMP) Amphibolite, ( )

Medium to coarse grained moderately foliated dark green AMP. Grain size varies within the unit between medium and coarse. Several small white veinlets with no alteration halos. Sharp upper and lower contacts. No sulfides observed. Non magnetic. Lower contact is slightly altered.

464.44 465.55 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained weakly foliated grey FGS. Mainly equigranular with very weak porphyritc texture observed locally where plag grain size increases. Few small and large PEG migmatite or PEG veins along foliation. Minor fine diss Py pervasively. Non magnetic. Sharp upper contact. Gradational and deformed lower contact with PEG.

465.55 467.05 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Large massive pink and white granitic PEG vein. Trace coarse bio and no sulfides. Gradual upper contact. Sharp lower contact.

467.05 467.71 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Mainly equigranular with very weak qtz eye texture observed locally where rounded Qtz is observed. Minor fine diss Py pervasively. Non magnetic. Few small white veinlets with weak alteration halos.

467.71 468.41 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to coarse grained moderately foliated compositionally banded green intermediate AMP. CPX patches observed along contacts and within the matrix. Grain size varied greatly and irregularly. Few white bleached altered sections. No sulfides observed. Non magnetic.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

468.41 469.00 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Small pink and white PEG vein. No sulfides. Bio along contacts. Sharp contacts.

469.00 470.08 (AMP) Amphibolite, ( )

Medium to coarse grained moderately foliated compositionaly banded green AMP. Inequigranular with coarse Amp crystals distributed irregularly in an Amp plag bio matrix. Trace fine diss Py. Sharp upper and lower contacts. Non magnetic.

470.08 472.73 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Mainly equigranular with very weak qtzz eye texture observed locally where rounded Qtz is observed. Minor fine diss Py pervasively. Non magnetic. Few small white veinlets with weak alteration halos.

472.73 474.14 (AMP) Amphibolite, ( )

Medium to coarse grained moderately foliated compositionaly banded green AMP. Inequigranular with coarse Amp crystals distributed irregularly in an Amp plag bio matrix. Trace fine diss Py. Sharp upper and lower contacts. Non magnetic. Few QF veins.

474.14 480.14 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Mainly equigranular with very weak qtzz eye texture observed locally where rounded Qtz is observed. Minor fine diss Py pervasively. Non magnetic. Few small white veinlets with weak alteration halos.

480.14 480.91 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine to medium grained weakly banded strongly magnetic carbonate rich dark grey LAMP dyke. Altered light green contacts. White carb spots pervasvely.

480.91 495.12 (FGS) Felsic Gneiss Sedimentary, ( )

Medium grained moderately foliated grey FGS. Very weak porphyritic Plag texture locally. Minor fine diss Py pervasively. Few small Amp rich bands and sections with gradational contacts. Minor Amp contact. Few small diffuse PEG/migmatite patches. Sharp upper and lower contacs. Many small white veinlets with weak alteration halos.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

495.12 497.90 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Massive pink PEG vein. Massive. Coarse bio between very coarse feldspar and qtz. No sulfides.

497.90 504.80 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Mainly equigranular with well developed qtz eye texture pervasively. Minor fine diss Py pervasively. Non magnetic. Few small white veinlets with weak alteration halos. Uneven distribution of Amp. Very weak pink and red alteration increases closer to lower contact.

504.80 505.12 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Small dark green LAMP. No sulfides. Weakly magnetic. Carbonate rich.

505.12 507.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Mainly equigranular with well developed qtz eye texture pervasively. Minor fine diss Py pervasively. Non magnetic. One small foliation parallel PEG vein at 506.8m. Weak pervasive bleached and K alteration.

507.00 508.16 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately foliated weakly altered intermediate AMP. Weak sericite and K alteration pervasively. Sharp low angle upper and lower contacts. No sulfides observed. Few small white veinlets with bleached alteration halos. Non magnetic.

508.16 509.95 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Mainly equigranular with well developed qtz eye texture pervasively. Minor fine diss Py pervasively. Non magnetic. Few small white veinlets with weak alteration halos. Uneven distribution of Amp. Very moderate to strong pink and red alteration locally.

509.95 510.65 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Small broken up magnetic carbonate rich LAMP dyke.

510.65 511.09 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Strongly altered short section with Lamp

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

dykes above below and within.

511.09 518.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Large dark grey carbonate rich magnetic compositionally banded LAMP. Many carbonate veins and stringers parallel to contacts. No sulfides.

518.00 549.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to coarse grained weakly foliated grey FGS. Well developed qtz eye texture pervasively. Minor fine diss Py pervasively. Non magnetic. Few small white veinlets with weak alteration halos. Uneven distribution of Amp. Small Amp patches locally. Few small QF veins parallel and foliation. Upper contact is moderately altered.

549.00 614.76 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained very weakly foliated almost massive equgranular FGS (Previously DIOAM). Labradorite absent for the first 15m but then is present pervasively throughout. Labradoresence is strong and blue. Small to medium round Amp patches (Bombs or clasts) locally. Upper contact is gradational and no obvious contact was observable. Upper portion is slightly altered pervasively which might explain the lack of labradoresence. Foliation is weak. Few small 20cm LAMP dykes at 563.2m; 568.75m; 575.4m; and 607.8m. No sulfides observed. Non magnetic. Few melt patches.

614.76 615.40 (DIA) Diabase Dike, ( )

Fine grained magnetic massive small Diabase dyke. Lower contact is brecciated and cracks are filled with calcite. Lower contact altered strongly.

615.40 638.95 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained very weakly foliated almost massive equgranular FGS (Previously DIOAM). Labradorite pervasively throughout. Labradoresence is strong and blue. Small to medium round Amp patches (Bombs or clasts) locally. Upper contact is altered and brecciated. No sulfides observed. Non magnetic. Few melt patches. Many small white veinlets with weak alteration halos. Sharp lower contact.

638.95 639.61 (DIA) Diabase Dike, ( )

Massive magnetic dark grey fine grained Diabase. Sharp upper and lower contacts. No sulfides. Strongly magnetic.

639.61 641.22 (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 very weakly foliated almost massive equgranular FGS (Previously DIOAM). Labradorite pervasively throughout. Labradoresence is strong and blue. Small to medium round Amp patches (Bombs or clasts) locally. Irregular CPX patches throughout this small sections. No sulfides observed. Non magnetic. Few melt patches. Sharp upper and lower contacts.

641.22 641.72 (DIA) Diabase Dike, ( )

Massive magnetic dark grey fine grained Diabase. Sharp upper and lower contacts. No sulfides. Strongly magnetic.

641.72 664.13 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained very weakly foliated almost massive equgranular FGS (Previously DIOAM). Labradorite pervasively throughout. Labradoresence is strong and blue. Small to medium round Amp patches (Bombs or clasts) locally. No sulfides observed. Non magnetic. Few small irregular melt patches and regular PEG veins. Many small white veinlets with weak alteration halos. Sharp lower and upper contacts. Around small irregular QF patches CPX patches are observed.

664.13 664.60 (AMP) Amphibolite, ( )

Medium grained weakly to moderately foliated AMP unit. Low angle sharp upper and lower contacts. Altered upper contacts around a 1cm qtz carb vein. Slight compositional banding observed as alteration and grain size varies gradually. No sulfides observed. Non magnetic.

664.60 696.12 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained very weakly foliated almost massive equgranular FGS (Previously DIOAM). Labradorite pervasively throughout. Labradoresence is strong and blue. Small to medium round Amp patches (Bombs or clasts) locally. Trace fine diss Py. Non magnetic. Few melt patches. Many small white veinlets with weak alteration halos. Sharp low angle upper contact.

696.12 705.55 (AMP) Amphibolite, ( )

Fine to medium grained moderately foliated green AMP. Slighlty more mafic than typical intermediate AMP. Amp plag and bio dominated matrix. Equigranular. Trace fine diss Py. Foliation pervasive. Sharp upper and lower contacts. Upper contact is defined by a small QF vein. Lower contact is foliation parallel Localized section are yellow sericite altered. Few qtz carb veinlets with weak alteration halos throughout. Non magnetic. Ample bio.

705.55 706.12 (FGS) Felsic Gneiss Sedimentary, ( )

Medium to coarse grained very weakly foliated almost massive equgranular FGS (Previously DIOAM). Labradorite pervasively throughout. Labradoresence is strong and blue. Small to

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		medium round Amp patches (Bombs or clasts) locally. Trace fine diss Py. Non magnetic. Sharp foliation parallel upper and lower contacts. One small 5cm wide LAMP dyke.								
706.12	**706.81**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained moderately foliated green AMP. Slighlty more mafic than typical intermediate AMP. Amp plag and bio dominated matrix. Equigranular. Trace fine diss Py. Foliation pervasive. Sharp upper and lower contacts. Lower contact is defined by a QF vein. Few qtz carb veinlets with weak alteration halos throughout. Non magnetic. Ample bio.								
706.81	**741.07**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25047	717	718	1	0.016	AGAT_FAICP		
		Medium to coarse grained very weakly foliated almost massive equgranular FGS (Previously DIOAM). Labradorite pervasively throughout. Labradoresence is strong and blue. Small to medium round Amp patches (Bombs or clasts) locally. Trace fine diss Py. Non magnetic. Few melt patches. Many small white veinlets with weak alteration halos. Sharp irregular upper contact defined by QF vein. Lower contact is sharp and foliation parallel. Many melt or QF patches and irregular veins. Last of the Labradorite rich unit.	Z25048	718	719	1	0.017	AGAT_FAICP		
			Z25049	719	720	1	0.01	AGAT_FAICP		
			Z25050	720	721	1	0.009	AGAT_FAICP		
			Z25051	721	722	1	0.001	AGAT_FAICP		
			Z25053	722	723	1	0.007	AGAT_FAICP		
			Z25054	723	724	1	0.004	AGAT_FAICP		
			Z25055	724	725	1	0.003	AGAT_FAICP		
			Z25056	725	726	1	0.003	AGAT_FAICP		
			Z25057	726	727	1	0.015	AGAT_FAICP		
			Z25059	727	728	1	0.008	AGAT_FAICP		
			Z25060	728	729	1	0.003	AGAT_FAICP		
			Z25061	729	730	1	0.004	AGAT_FAICP		
			Z25062	730	731	1	0.002	AGAT_FAICP		
			Z25063	731	732	1	0.002	AGAT_FAICP		
			Z25064	732	733	1	0.002	AGAT_FAICP		
			Z25065	733	734	1	0.003	AGAT_FAICP		
			Z25067	734	735	1	0.009	AGAT_FAICP		
			Z25068	735	736	1	0.014	AGAT_FAICP		
			Z25069	736	737	1	0.015	AGAT_FAICP		
			Z25070	737	738	1	0.014	AGAT_FAICP		
			Z25071	738	739	1	0.01	AGAT_FAICP		
			Z25073	739	740	1	0.009	AGAT_FAICP		
			Z25074	740	741.07	1.07	0.013	AGAT_FAICP		
741.07	**772.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z25075	741.07	742	0.93	0.04	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 foliated biotite rich grey FGS. Minor fine diss Py pervasively. Slight compositional variation in biotite content and grain size. Few deformed QF and qtz veins parallel to foliation with and without Po and Py. Locally Amp porphs with depletion halos are observed. Gradual banded upper contact with coarse grained labradorite rich FGS. Many small white veinlets with weak alteration halos.	Z25076	742	743	1	0.031	AGAT_FAICP		
			Z25077	743	744	1	0.043	AGAT_FAICP		
			Z25079	744	745	1	0.034	AGAT_FAICP		
			Z25080	745	746	1	0.041	AGAT_FAICP		
			Z25081	746	747	1	0.036	AGAT_FAICP		
			Z25082	747	748	1	0.038	AGAT_FAICP		
			Z25083	748	749	1	0.033	AGAT_FAICP		
			Z25084	749	749.5	0.5	0.025	AGAT_FAICP		
			Z25085	749.5	750	0.5	0.013	AGAT_FAICP		
			Z25087	750	750.5	0.5	0.009	AGAT_FAICP		
			Z25088	750.5	751	0.5	0.032	AGAT_FAICP		
			Z25089	751	752	1	0.05	AGAT_FAICP		
			Z25090	752	753	1	0.043	AGAT_FAICP		
			Z25091	753	754	1	0.049	AGAT_FAICP		
			Z25093	754	755	1	0.055	AGAT_FAICP		
			Z25094	755	756	1	0.036	AGAT_FAICP		
			Z25095	756	757	1	0.073	AGAT_FAICP		
			Z25096	757	758	1	0.056	AGAT_FAICP		
			Z25097	758	759	1	0.039	AGAT_FAICP		
			Z25099	759	760	1	0.025	AGAT_FAICP		
			Z25100	760	761	1	0.017	AGAT_FAICP		
			Z25101	761	762	1	0.023	AGAT_FAICP		
			Z25102	762	763	1	0.033	AGAT_FAICP		
			Z25103	763	764	1	0.018	AGAT_FAICP		
			Z25104	764	765	1	0.035	AGAT_FAICP		
			Z25105	765	766	1	0.056	AGAT_FAICP		
			Z25107	766	767	1	0.132	AGAT_FAICP		
			Z25108	767	768	1	0.015	AGAT_FAICP		
			Z25109	768	769	1	0.042	AGAT_FAICP		
			Z25110	769	770	1	0.024	AGAT_FAICP		
			Z25111	770	771	1	0.03	AGAT_FAICP		
			Z25113	771	772	1	0.021	AGAT_FAICP		
772.00	**777.16**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z25114	772	773	1	0.003	AGAT_FAICP		
		Fine to medium grained magnetic compositionally banded LAMP dyke. White carbonate spots unevenly distributed throughout the unit. Few small carbonate veinlets. Sharp upper	Z25115	773	774	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
and lower contacts. One small FGS unit within which I assume is a xenolith. Contacts are green and altered. No sulfides.			Z25116	774	775	1	0.013	AGAT_FAICP		
			Z25117	775	775.6	0.6	0.003	AGAT_FAICP		
			Z25119	775.6	776	0.4	0.024	AGAT_FAICP		
			Z25120	776	777.16	1.16	0.003	AGAT_FAICP		
777.16	**777.82**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z25121	777.16	777.82	0.66	0.006	AGAT_FAICP		
Granitic coarse grained pink and grey semi massive PEG vein. Irregular gradual and diffuse lower contact. Sharp upper contact. Coarse bio within. Sulfides only observed along lower section.										
777.82	**790.13**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25122	777.82	779	1.18	0.009	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS. Minor fine diss Py pervasively. Slight compositional variation in biotite content and grain size. Some banding might be proto leucosomes. Few deformed QF and qtz veins parallel to foliation with and without Po and Py. Many small white veinlets with weak alteration halos. Pink K altered section including a PEG vein at 783 to 784.13m. Sharp lower contact. Gradual diffuse upper contact.			Z25123	779	780	1	0.019	AGAT_FAICP		
			Z25124	780	781	1	0.016	AGAT_FAICP		
			Z25125	781	782	1	0.032	AGAT_FAICP		
			Z25127	782	783	1	0.015	AGAT_FAICP		
			Z25128	783	783.5	0.5	0.044	AGAT_FAICP		
			Z25129	783.5	784.15	0.65	0.217	AGAT_FAICP		
			Z25130	784.15	785	0.85	0.042	AGAT_FAICP		
			Z25131	785	786	1	0.021	AGAT_FAICP		
			Z25133	786	787	1	0.014	AGAT_FAICP		
			Z25134	787	788	1	0.012	AGAT_FAICP		
			Z25135	788	789	1	0.013	AGAT_FAICP		
			Z25136	789	790.13	1.13	0.011	AGAT_FAICP		
790.13	**791.90**	**(AMP) Amphibolite, ( )**	Z25137	790.13	791	0.87	0.017	AGAT_FAICP		
Medium grained moderately foliated semi altered Amp unit. Small fine white veinlets with weak alteration halos throughout. Contacts show increased yellow sericitic alteration. Non magnetic. No sulfides observed. Sharp upper and lower contacts. Equigranular Amp rich matrix.			Z25139	791	791.9	0.9	0.006	AGAT_FAICP		
791.90	**795.55**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25140	791.9	793	1.1	0.023	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS. Minor fine diss Py pervasively. Slight compositional variation observed is pervasive and likely proto leucosomes and melaosomes. No clasts or clast terminations observed and therefore unlikely to be conglo. Trace fine diss Py and rare cpy. Sharp upper and lower contacts. Few small white veinlets. One small QF vein parallel to foliation.			Z25141	793	794	1	0.01	AGAT_FAICP		
			Z25142	794	795	1	0.01	AGAT_FAICP		
			Z25143	795	795.55	0.55	0.013	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
795.55	**796.67**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to coarse moderately foliated compositionally banded intermediate AMP. Bio rich. Upper contact contains increased Po and Py. Grain size and Amp content varies within the unit. Upper contact contains coarse Amp. Upper and lower contacts are sharp. Non magnetic. One small white veinlet with a bleached alteration halos.	Z25144	795.55	796	0.45	0.073	AGAT_FAICP		
			Z25145	796	796.67	0.67	0.025	AGAT_FAICP		
796.67	**804.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Minor fine diss Py pervasively. Few deformed QF and qtz veins parallel to foliation with and without Po and Py. Many small white veinlets with weak alteration halos. Sharp upper contact. Upper coontact might be conglomeratic but the rest of the unit doens't contain conglomeratic textures. Lower contact is gradual but short.	Z25147	796.67	797.2	0.53	0.066	AGAT_FAICP		
			Z25148	797.2	798	0.8	0.01	AGAT_FAICP		
			Z25149	798	798.5	0.5	0.009	AGAT_FAICP		
			Z25150	798.5	799.31	0.81	0.016	AGAT_FAICP		
			Z25151	799.31	799.92	0.61	0.042	AGAT_FAICP		
			Z25153	799.92	801	1.08	0.017	AGAT_FAICP		
			Z25154	801	802	1	0.021	AGAT_FAICP		
			Z25155	802	802.7	0.7	0.029	AGAT_FAICP		
			Z25156	802.7	804	1.3	0.016	AGAT_FAICP		
			Z25157	804	804.85	0.85	0.015	AGAT_FAICP		
804.85	**810.55**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine to medium grained strongly to moderately foliated FGS. Conglomerate texture strong but clasts shape and terminations are stretched strongly. Locally small amp porphyroblasts with depletion halos are observed. Most clast seem to be mafic to intermediate with felsic matrix. Minor fine diss Py pervasively. Rare Po. Epidote observed unevenly throughout. Short gradual upper and lower contacts. Non magnetic. No lineations were measureable. Few very small veinlets observed with no alteration halos.	Z25159	804.85	806	1.15	0.03	AGAT_FAICP		
			Z25160	806	807	1	0.025	AGAT_FAICP		
			Z25161	807	808	1	0.085	AGAT_FAICP		
			Z25162	808	809	1	0.013	AGAT_FAICP		
			Z25163	809	810	1	0.081	AGAT_FAICP		
			Z25164	810	810.55	0.55	0.017	AGAT_FAICP		
810.55	**814.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Minor fine diss Py throughout. Biotite content varies slightly with local patches containing coarse biotite. Minor melt or migmatite patches locally. Sharp lower contact. Short diffuse upper contact. Pink K alteration along lower contact. Many very small veinlets with bleached and green alteration halos. Non magnetic.	Z25165	810.55	811	0.45	0.019	AGAT_FAICP		
			Z25167	811	812	1	0.009	AGAT_FAICP		
			Z25168	812	813	1	0.029	AGAT_FAICP		
			Z25169	813	814	1	0.028	AGAT_FAICP		
			Z25170	814	814.85	0.85	0.075	AGAT_FAICP		
814.85	**816.00**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite**	Z25171	814.85	816	1.15	0.172	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		(50-90% quartz) Coarse to very coarse qtz rich massive PEG vein. Coarse biotite within. Trace coarse aggregate of Po. Short gradual upper and lower contacts. Non magnetic.								
816.00	**822.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained moderately foliated banded grey FGS. Minor fine diss Py throughout. Biotite and Amp content varies resulting in thin dark bands. No obvious clasts or clastic texture observed. Non magnetic. Upper contact is short diffuse. Lower contact is gradual and undefined. Equigranular.	Z25173	816	817	1	0.021	AGAT_FAICP		
			Z25174	817	818	1	0.006	AGAT_FAICP		
			Z25175	818	819	1	0.017	AGAT_FAICP		
			Z25176	819	820	1	0.027	AGAT_FAICP		
			Z25177	820	821	1	0.058	AGAT_FAICP		
			Z25179	821	822	1	0.026	AGAT_FAICP		
822.00	**824.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Coarse grained FGS/PEG unit. Coarse plag qtz and biotite matrix. Gradually grain size increases locally and becomes more pegmatitic. Coarse Po and Py aggregates unevenly distributed. More Po than Py. Lower contact is gradual as well. Non magnetic. Coarse biotite patches locally. Few small veinlets with weak alteration halos observed.	Z25180	822	823	1	0.131	AGAT_FAICP		
			Z25181	823	824	1	0.137	AGAT_FAICP		
824.00	**828.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained moderately foliated banded grey FGS. Minor fine diss Py throughout. Biotite and Amp content varies resulting in thin dark bands. No obvious clasts or clastic texture observed. Non magnetic. Upper contact is short diffuse. Lower contact is sharp and fractured. Equigranular. Weak pervasive albite and K alteration.	Z25182	824	825	1	0.07	AGAT_FAICP		
			Z25183	825	826	1	0.02	AGAT_FAICP		
			Z25184	826	827	1	0.048	AGAT_FAICP		
			Z25185	827	828	1	0.114	AGAT_FAICP		
828.00	**828.85**	**(UMD) UM\LAMP Dike, ( )** Fine grained brecciated UMD. Brecciated upper and lower contacts. K altered contacts. No obvious displacement. Non magnetic. No sulfides.	Z25187	828	828.85	0.85	0.003	AGAT_FAICP		
828.85	**837.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated banded grey FGS. Minor fine diss Py throughout. Biotite and Amp content varies resulting in thin dark bands. No obvious clasts or clastic texture observed. Non magnetic. Weak pervasive albite and K alteration. Upper contact is brecciated and lower contact is sharp.	Z25188	828.85	830	1.15	0.034	AGAT_FAICP		
			Z25189	830	831	1	0.03	AGAT_FAICP		
			Z25190	831	832	1	0.014	AGAT_FAICP		
			Z25191	832	833	1	0.027	AGAT_FAICP		
			Z25193	833	834	1	0.036	AGAT_FAICP		
			Z25194	834	835	1	0.021	AGAT_FAICP		
			Z25195	835	836	1	0.051	AGAT_FAICP		
			Z25196	836	837.3	1.3	0.012	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
837.30	**838.23**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine grained altered intermediate AMP. Upper and lower contact are sharp. No contacts. Non magnetic. Aphanitic. Carbonate bleaching and K alteration pervasively.	Z25197	837.3	838.23	0.93	0.014	AGAT_FAICP		
838.23	**843.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated banded (might be conglomeratic?) grey FGS. Minor fine diss Py throughout. Biotite and Amp content varies resulting in thin dark bands. No obvious clasts or clastic texture observed. Banding interpreted to be proto leuco/melanosomes. Non magnetic. Strong pervasive albite and K alteration. Sharp upper and diffuse lower contacts.	Z25199	838.23	839	0.77	0.009	AGAT_FAICP		
			Z25200	839	840	1	0.021	AGAT_FAICP		
			Z25201	840	841	1	0.047	AGAT_FAICP		
			Z25202	841	842	1	0.017	AGAT_FAICP		
			Z25203	842	843.05	1.05	0.119	AGAT_FAICP		
843.05	**844.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Medium grained light pink banded PEG vein. Diffuse upper and lower contacts. Non magnetic. No sulfides.	Z25204	843.05	844.54	1.49	0.217	AGAT_FAICP		
844.30	**844.54**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small banded FGS same as previous.								
844.54	**845.62**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Fine to coarse grained moderately foliated DIONS. Similar to the unit often observed in the ore zone. Coarse pink red and white plag phenocrysts throughout the mafic amp rich fine grained matrix. No sulfides. Moderately magnetic. Sharp upper and lower alter contacts. Few small thin white veinlets.	Z25205	844.54	845.62	1.08	0.094	AGAT_FAICP		
845.62	**854.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately foliated altered pink and light grey FGS. Minor fine diss Py throughout. Non magnetic. Strong pervasive albite and K alteration. Sharp upper and diffuse lower contacts. Muscovite increases down hole. Diffuse lower content with FGG. Light pink colour increases as well. Few small QF veins parallel to foliation.	Z25207	845.62	846	0.38	0.275	AGAT_FAICP		
			Z25208	846	847	1	0.109	AGAT_FAICP		
			Z25209	847	848	1	0.155	AGAT_FAICP		
			Z25210	848	849	1	0.087	AGAT_FAICP		
			Z25211	849	850	1	0.194	AGAT_FAICP		
			Z25213	850	851	1	0.192	AGAT_FAICP		
			Z25214	851	852	1	0.24	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z25215	852	853	1	0.217	AGAT_FAICP		
			Z25216	853	854	1	0.127	AGAT_FAICP		
			Z25217	854	854.8	0.8	0.147	AGAT_FAICP		
854.80	**857.00**	**(FGG) Felsic Gneiss Granitic, ( )**	Z25219	854.8	855.5	0.7	0.112	AGAT_FAICP		
Medium to coarse grained moderately foliated clotty compositionally banded pink and grey FGG. Coarse euhedral biotite and muscovite observed unevenly throughout. Py and lesser Po observed pervasively. Gradual undefined upper and lower contacts. Clotty texture observed where musc increases in size and abundance. No sililminite observed but assumed present in small amounts. Few QF veins. Pervasive K alteration.			Z25220	855.5	856	0.5	0.1	AGAT_FAICP		
			Z25221	856	856.5	0.5	0.285	AGAT_FAICP		
			Z25222	856.5	857	0.5	0.105	AGAT_FAICP		
857.00	**857.88**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	Z25223	857	857.5	0.5	0.168	AGAT_FAICP		
Fine to medium grained moderately foliated altered pink and light grey FGS. Minor fine diss Py throughout. Non magnetic. Strong pervasive albite and K alteration. Diffuse and undefined upper contact. Sharp lower contact. Muscovite pervasive. Clottly texture locally and verges on FGG compositionally. Few small QF veins parallel to foliation.			Z25224	857.5	857.88	0.38	0.04	AGAT_FAICP		
857.88	**858.15**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	Z25225	857.88	858.18	0.3	2.39	AGAT_FAICP		
Fine grained altered short unit of intermediate AMP. One qtz carb vein with a strong alteration halo almost completely altered the short unit. Equigranular. No sulfides observed. Non magnetic. Sharp upper and lower contacts.										
858.15	**859.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	Z25227	858.18	859	0.82	0.1	AGAT_FAICP		
Fine to medium grained moderately foliated altered pink and light grey FGS. Minor fine diss Py throughout. Non magnetic. Strong pervasive albite and K alteration. Diffuse and undefined lower contact. Sharp upper contact. Muscovite pervasive. Clottly texture locally and verges on FGG compositionally.			Z25228	859	859.7	0.7	0.274	AGAT_FAICP		
859.70	**866.00**	**(FGG) Felsic Gneiss Granitic, ( )**	Z25229	859.7	860	0.3	0.209	AGAT_FAICP		
Medium to coarse grained moderately foliated clotty compositionally banded pink and grey FGG. Coarse euhedral biotite and muscovite observed unevenly throughout. Py and lesser Po observed pervasively. Gradual undefined upper and lower contacts. Clotty texture observed where musc increases in size and abundance. Sililminite observed in small amounts. Few QF veins. Pervasive K alteration. Lower contact is a compositional difference.			Z25230	860	860.5	0.5	0.358	AGAT_FAICP		
			Z25231	860.5	861	0.5	0.29	AGAT_FAICP		
			Z25233	861	861.5	0.5	0.116	AGAT_FAICP		
			Z25234	861.5	862	0.5	0.205	AGAT_FAICP		
			Z25235	862	862.5	0.5	0.206	AGAT_FAICP		
			Z25236	862.5	863	0.5	0.248	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z25237	863	863.5	0.5	0.427	AGAT_FAICP		
			Z25239	863.5	864	0.5	0.305	AGAT_FAICP		
			Z25240	864	864.5	0.5	0.215	AGAT_FAICP		
			Z25241	864.5	865	0.5	0.399	AGAT_FAICP		
			Z25242	865	865.5	0.5	0.381	AGAT_FAICP		
			Z25243	865.5	866	0.5	0.238	AGAT_FAICP		
866.00	**867.30**	**(FGG) Felsic Gneiss Granitic, ( )**	Z25244	866	866.5	0.5	0.442	AGAT_FAICP		
Coarse dark grey weakly foliated bio musc rich FGG. K alteration weak and patchy. Sharp lower contact. Gradual diffuse undefined upper contact. Few white veinlets. Semi massive sulifides along lower contact.			Z25245	866.5	867.3	0.8	0.499	AGAT_FAICP		
867.30	**867.60**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	Z25247	867.3	867.6	0.3	0.24	AGAT_FAICP		
Massive red and pink and grey PEG vein. Massive sulfides along upper contact. Po and Py.										
867.60	**867.87**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z25248	867.6	867.9	0.3	0.03	AGAT_FAICP		
Green altered Lamp dyke. Sharp contacts. Non magnetic. No sulfides.										
867.87	**868.17**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z25249	867.9	868.2	0.3	0.352	AGAT_FAICP		
No a typically GBFG. Simply coarse biotite with ample bio and Po. No garnets. Altered lower contact. Sharp upper and lower contacts.										
868.17	**888.89**	**(FGG) Felsic Gneiss Granitic, ( )**	Z25250	868.2	868.85	0.65	0.18	AGAT_FAICP		
Medium to coarse grained moderately foliated clotty compositionally banded pink and grey FGG. Coarse euhedral muscovite observed unevenly throughout. Py and lesser Po observed pervasively. Sharp upper and lower contacts. Clotty texture observed where musc increases in size and abundance. Sililminite observed in small amounts. One small gradual PEG veins. Pervasive K alteration. Grain size increases down hole.			Z25251	868.85	869.3	0.45	0.209	AGAT_FAICP		
			Z25253	869.3	870	0.7	0.209	AGAT_FAICP		
			Z25254	870	870.5	0.5	0.305	AGAT_FAICP		
			Z25255	870.5	871	0.5	0.48	AGAT_FAICP		
			Z25256	871	871.5	0.5	0.394	AGAT_FAICP		
			Z25257	871.5	872	0.5	0.46	AGAT_FAICP		
			Z25259	872	872.5	0.5	0.636	AGAT_FAICP		
			Z25260	872.5	873	0.5	0.525	AGAT_FAICP		
			Z25261	873	873.5	0.5	0.311	AGAT_FAICP		
			Z25262	873.5	874	0.5	0.279	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z25263	874	874.5	0.5	0.26	AGAT_FAICP		
			Z25264	874.5	875	0.5	0.531	AGAT_FAICP		
			Z25265	875	875.5	0.5	0.2	AGAT_FAICP		
			Z25267	875.5	876	0.5	0.292	AGAT_FAICP		
			Z25268	876	876.5	0.5	0.317	AGAT_FAICP		
			Z25269	876.5	877	0.5	0.295	AGAT_FAICP		
			Z25270	877	877.5	0.5	0.407	AGAT_FAICP		
			Z25271	877.5	878	0.5	0.378	AGAT_FAICP		
			Z25273	878	878.5	0.5	0.407	AGAT_FAICP		
			Z25274	878.5	879	0.5	0.506	AGAT_FAICP		
			Z25275	879	879.5	0.5	0.382	AGAT_FAICP		
			Z25276	879.5	880	0.5	0.172	AGAT_FAICP		
			Z25277	880	880.5	0.5	0.126	AGAT_FAICP		
			Z25279	880.5	881	0.5	0.258	AGAT_FAICP		
			Z25280	881	881.5	0.5	0.099	AGAT_FAICP		
			Z25281	881.5	882	0.5	0.075	AGAT_FAICP		
			Z25282	882	882.5	0.5	0.125	AGAT_FAICP		
			Z25283	882.5	883	0.5	0.164	AGAT_FAICP		
			Z25284	883	883.5	0.5	0.128	AGAT_FAICP		
			Z25285	883.5	884	0.5	0.221	AGAT_FAICP		
			Z25287	884	884.5	0.5	0.052	AGAT_FAICP		
			Z25288	884.5	885	0.5	0.1	AGAT_FAICP		
			Z25289	885	885.5	0.5	0.041	AGAT_FAICP		
			Z25290	885.5	886	0.5	0.079	AGAT_FAICP		
			Z25291	886	886.5	0.5	0.032	AGAT_FAICP		
			Z25293	886.5	887	0.5	0.052	AGAT_FAICP		
			Z25294	887	887.5	0.5	0.073	AGAT_FAICP		
			Z25295	887.5	888	0.5	0.07	AGAT_FAICP		
			Z25296	888	888.5	0.5	0.456	AGAT_FAICP		
			Z25297	888.5	888.89	0.39	0.173	AGAT_FAICP		
888.89	**889.52**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Small white barrevn QV. One section of host rock in the middle. Sharp edges not parallel to foliation.	Z25299	888.89	889.52	0.63	0.113	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
889.52	**893.55**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately foliated clotty compositionally banded pink and grey FGG. Medium to coarse biotite and muscovite pervasively. Down hole bands of GBFG are observed. Pink pervasive alteration decreases towards lower contact. Clotty texture throughout. Patches of silliminite decrease down hole. Po and Py in minor amounts.	Z25300	889.52	890	0.48	0.179	AGAT_FAICP		
			Z25301	890	890.5	0.5	0.369	AGAT_FAICP		
			Z25302	890.5	891	0.5	0.396	AGAT_FAICP		
			Z25303	891	891.5	0.5	0.488	AGAT_FAICP		
			Z25304	891.5	892	0.5	0.339	AGAT_FAICP		
			Z25305	892	892.5	0.5	0.476	AGAT_FAICP		
			Z25307	892.5	893	0.5	0.165	AGAT_FAICP		
			Z25308	893	893.55	0.55	0.094	AGAT_FAICP		
893.55	**897.06**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly to moderately foliated banded/patchy GBFG. The distribution of coarse biotite and garnets is patchy and banded often separated by qtz flooding or veining. Size and abundance of such patches is uneven through the unit with short sections being more homogenous and medium grained. Po and Py pervasive with locally high concentrations. Qtz carb veinlets with strong bleached and sericite rich alteration halos observed locally. Gradual upper contact and sharp lower contact. Non magnetic.	Z25309	893.55	894	0.45	0.154	AGAT_FAICP		
			Z25310	894	894.5	0.5	0.143	AGAT_FAICP		
			Z25311	894.5	895	0.5	1.02	AGAT_FAICP		
			Z25313	895	895.5	0.5	0.182	AGAT_FAICP		
			Z25314	895.5	896	0.5	0.147	AGAT_FAICP		
			Z25315	896	896.5	0.5	0.131	AGAT_FAICP		
			Z25316	896.5	897	0.5	0.199	AGAT_FAICP		
897.06	**897.26**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated grey biotite rich FGS. Short section between two GBFG units. Minor Py and trace Po. Non magnetic. Qtz plag bio matrix. Euhedral crystals define foliation. Sharp gradual upper and lower contacts.	Z25317	897	897.3	0.3	0.334	AGAT_FAICP		
897.26	**898.36**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly to moderately foliated banded/patchy GBFG. Grain size increases down hole. Po and Py pervasive with locally high concentrations. Upper contact is sharp and gradual. Lower contact is irregular and deformed and contains high bio content. Garnets are medium to coarse grained and sparse. Less veining than previous GBFG.	Z25319	897.3	898	0.7	0.406	AGAT_FAICP		
			Z25320	898	898.36	0.36	0.248	AGAT_FAICP		
898.36	**898.64**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Small granitic PEG vein with irregular upper and lower contacts. Ample bio and sulfides along contacts. No sulfides within. Non magnetic.	Z25321	898.36	898.66	0.3	0.263	AGAT_FAICP		
898.64	**898.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29%**	Z25322	898.66	899	0.34	0.342	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 Fine to medium grained biotite and Py rich FGS unit. No garnets. Ample Py annd Po. Irregular upper contact. Gradual short lower contact. Minor band of feldspar within.								
898.90	**901.75**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately foliated clotty/augen compositionally banded pink and white altered FGG. Medium to coarse biotite and muscovite locally. Pink K alteration hand white Na alteration observed in feldspars pervasively. Clotty/augen texture throughout. Patches of silliminite. Po and Py in minor amounts. Lower section along contact isn't altered pink or white but is a more typical grey and biotite rich. Whaite clay and sericite minerals unevenly distriuted where alteration is strongest.	Z25323	899	899.5	0.5	0.197	AGAT_FAICP		
			Z25324	899.5	900	0.5	0.156	AGAT_FAICP		
			Z25325	900	900.5	0.5	0.115	AGAT_FAICP		
			Z25327	900.5	901	0.5	0.232	AGAT_FAICP		
			Z25328	901	901.75	0.75	0.199	AGAT_FAICP		
901.75	**904.07**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Fine to coarse grained strongly foliated moderately magnetic porphyritic DIONS. White and pinkish white subrounded plag porphs pervasive within a fine intermediate to mafic matrix. No sulfides. Sharp low angle upper and lower contacts.	Z25329	901.75	903	1.25	0.192	AGAT_FAICP		
			Z25330	903	904.07	1.07	0.076	AGAT_FAICP		
904.07	**905.46**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Medium grained compositionally banded moderately foliated grey and white FGS BI. Biotite pervasive but varies in abundance. Locally coarse white anhedral feldspars increase in abundance. Upper contact is yellow with sericite alteration. Upper and lower contact is sharp. Very weakly magnetic. Minor fine diss Py throughout. No Po observed.	Z25331	904.07	904.56	0.49	0.562	AGAT_FAICP		
			Z25333	904.56	905	0.44	0.09	AGAT_FAICP		
			Z25334	905	905.46	0.46	0.02	AGAT_FAICP		
905.46	**906.95**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** Fine to coarse grained strongly foliated porphyritic DIOP2. Amp porphs pervasively within a fine mafic matrix. Sharp upper and lower contacts. No sulfides. Amp porphs are stretched along S1. No measureable stretching lineation.	Z25335	905.46	906	0.54	0.015	AGAT_FAICP		
			Z25336	906	906.95	0.95	0.6	AGAT_FAICP		
906.95	**907.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGSBI. Sharp upper contact. Gradual diffuse lower contact with PEG/FGG unit. Fine diss Py. Non magnetic.								
907.20	**907.73**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately foliated compositionally banded altered FGG unit with short section that is verging on a PEG texture. Fine diss Py throughout. Gradual diffuse upper contact. Sharp biotite sericite rich lower contact. Non magnetic. Few clots of white clay	Z25337	906.95	907.73	0.78	0.338	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
like material.										
907.73	**907.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine grained moderately foliated FGSBI. Sericite altered upper contact. Sharp upper and lower contact. Pervasive fine diss Py. Trace Po. Equigranular.	Z25339	907.73	908.03	0.3	3.27	AGAT_FAICP		
907.95	**908.65**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately foliated compositionally banded altered FGG. Fine diss Py throughout. Gradual diffuse upper and lower contact. Non magnetic. Few clots of white clay like material. Locally high concentrations of Py.	Z25340	908.03	908.65	0.62	0.582	AGAT_FAICP		
908.65	**909.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGSBI. Gradual diffuse lower and upper contacts with PEG/FGG unit. Fine diss Py. Non magnetic.	Z25341	908.65	909.2	0.55	0.1	AGAT_FAICP		
909.20	**910.55**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately foliated compositionally banded altered FGG. Fine diss Py throughout. Gradual diffuse upper and lower contact. Non magnetic. Few clots of white clay like material. Locally high concentrations of Py. One small QV within unit.	Z25342	909.2	910	0.8	0.076	AGAT_FAICP		
			Z25343	910	910.55	0.55	0.847	AGAT_FAICP		
910.55	**913.50**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated FGSBI. Compositionally gradual lower contact. Gradual diffuse upper contact. Fine diss Py. Non magnetic. Few short K altered pink and white bands.	Z25344	910.55	911	0.45	1.1	AGAT_FAICP		
			Z25345	911	912	1	0.839	AGAT_FAICP		
			Z25347	912	913	1	0.405	AGAT_FAICP		
			Z25348	913	913.36	0.36	0.351	AGAT_FAICP		
913.50	**915.91**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately foliated moderately altered compositionally banded GBFG. Sections resemble FGSBI and FGG but garnets and biotite observed throughout. Garnets are fine to coarse aggregates unevenly distributed with some sections containing no garnets with the exception of one large garnet. Lower section shows increased amp bio and py. Upper contact is gradual and main difference is presence of garnet. Lower contact is sharp irrregular subparallel to foliation but much lower alpha angle than foliations and contacts above and below. Py and Po pervasively. Banded alteration.	Z25349	913.36	914	0.64	0.143	AGAT_FAICP		
			Z25350	914	914.5	0.5	0.461	AGAT_FAICP		
			Z25351	914.5	915	0.5	0.325	AGAT_FAICP		
			Z25353	915	915.4	0.4	0.647	AGAT_FAICP		
			Z25354	915.4	915.91	0.51	0.854	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
915.91	**917.07**	**(AMP) Amphibolite, ( )**	Z25355	915.91	916.5	0.59	0.752	AGAT_FAICP		
Fine grained strongly foliated green AMP. Smeared and flattened Py wisps along foliation pervasively. Trace Po. Upper and lower contacts are low angle and subparallel to foliation and contacts above and below. Previously logged as a folded Dio by brad clarke in 1078 at 705m. Similar low angle contacts sulfide amp rich unit described. Seems the same from photos. Fine green amp and plag crystals dominate matix.			Z25356	916.5	917.07	0.57	0.721	AGAT_FAICP		
917.07	**917.30**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**								
Short small GBFG unit with few large coarse garnets. Py and trace Po prevasively. Lower contact is sharp but completely covered by a strong bleached light green alteration halo around two parallel qtz carb veinlets.										
917.30	**917.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	Z25357	917.07	917.7	0.63	0.22	AGAT_FAICP		
Fine to coarse grained moderately foliated weakly porphyritic grey FGSBI. Anhedral white plag porphs unevenly distributed throughout Sharp upper and lower contacts. Minor Py. No Po observed. Few small white veinlets.										
917.70	**918.00**	**(AMP) Amphibolite, ( )**	Z25359	917.7	918	0.3	0.796	AGAT_FAICP		
Fine grained strongly foliated green AMP. Py along foliation pervasively. Trace Po. Upper and lower contacts are sharp. Might be a folded continuation of previously observed AMP.										
918.00	**919.12**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z25360	918	918.5	0.5	1.25	AGAT_FAICP		
Fine to coarse grained strongly foliated biotite and garnet rich dark grey GBFG. Coarse garnets pervasive. Ample Py and less Po throughout. Sharp upper and lower contacts. Lower contact is part of a folded portion below. Small 1cm clear grey qtz veins unevenly distributed. Few white veinlets with weak alteration halos. Non magnetic.			Z25361	918.5	919.2	0.7	0.496	AGAT_FAICP		
919.12	**920.51**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z25362	919.2	919.5	0.3	0.065	AGAT_FAICP		
Fine to coarse grained moderately foliated biotite rich grey GBFG. Minor amounts of coarse garnets observed. Sharp upper and lower contacts. Less bio and garnets than GBFG above and below. Less sulfides as well. Unit is folded as observed by a folded white QV and converging foliations. Folding is confined to this unit. Gradual open folding. Closer in composition to FGSBI with the exception of the presence of garnets.			Z25363	919.5	920	0.5	0.016	AGAT_FAICP		
			Z25364	920	920.51	0.51	0.035	AGAT_FAICP		
920.51	**934.00**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z25365	920.51	921	0.49	0.258	AGAT_FAICP		
Fine to coarse grained strongly foliated biotite and garnet rich dark grey GBFG. Fine to coarse garnets. Ample Py and less Po throughout. Sharp upper contact. Lower contact is gradual and purely compositional. Few white veinlets with weak alteration halos. Non			Z25367	921	921.5	0.5	0.447	AGAT_FAICP		
			Z25368	921.5	922	0.5	0.253	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		magnetic. Many small ~1cm grey and clear high grad veins unevenly distributed throughout. Few small white QV2 veins with coarse agregates of Po and Py along contacts. Grain size and silicification varies strongly throughout. Minor Amp within finer grained sections with less biotite content. No VG.	Z25369	922	922.5	0.5	0.239	AGAT_FAICP		
			Z25370	922.5	923	0.5	0.134	AGAT_FAICP		
			Z25371	923	923.4	0.4	0.139	AGAT_FAICP		
			Z25373	923.4	923.85	0.45	0.508	AGAT_FAICP		
			Z25374	923.85	924.5	0.65	0.415	AGAT_FAICP		
			Z25375	924.5	925	0.5	0.062	AGAT_FAICP		
			Z25376	925	925.5	0.5	0.368	AGAT_FAICP		
			Z25377	925.5	926	0.5	0.225	AGAT_FAICP		
			Z25379	926	926.5	0.5	0.095	AGAT_FAICP		
			Z25380	926.5	927	0.5	0.104	AGAT_FAICP		
			Z25381	927	927.5	0.5	0.096	AGAT_FAICP		
			Z25382	927.5	928	0.5	0.16	AGAT_FAICP		
			Z25383	928	928.5	0.5	0.242	AGAT_FAICP		
			Z25384	928.5	929	0.5	0.327	AGAT_FAICP		
			Z25385	929	929.5	0.5	0.451	AGAT_FAICP		
			Z25387	929.5	930	0.5	0.274	AGAT_FAICP		
			Z25388	930	930.5	0.5	0.204	AGAT_FAICP		
			Z25389	930.5	931	0.5	0.204	AGAT_FAICP		
			Z25390	931	931.5	0.5	0.072	AGAT_FAICP		
			Z25391	931.5	932	0.5	0.098	AGAT_FAICP		
			Z25393	932	932.3	0.3	0.197	AGAT_FAICP		
			Z25394	932.3	932.6	0.3	0.393	AGAT_FAICP		
			Z25395	932.6	932.95	0.35	0.101	AGAT_FAICP		
			Z25396	932.95	933.35	0.4	0.332	AGAT_FAICP		
			Z25397	933.35	933.89	0.54	0.335	AGAT_FAICP		
934.00	**945.15**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	Z25399	933.89	934.3	0.41	0.055	AGAT_FAICP		
		Fine to medium grained strongly foliated porphyritic DIOP2. Medium grained strained Amp porphs. Matrix is amp and plag dominated. Few small grey and clear qtz veins locally. Blue chlorite patches observed around veining. Sericite alteration (maybe rutile) sections increase and decrease gradually locally. Might be an AMP but porph texture is indicative of DIOP2. No sulfides observed within matrix. Non magnetic.	Z25400	934.3	935	0.7	0.048	AGAT_FAICP		
			Z25401	935	936	1	0.15	AGAT_FAICP		
			Z25402	936	937	1	0.557	AGAT_FAICP		
			Z25403	937	938	1	0.106	AGAT_FAICP		
			Z25404	938	939	1	0.305	AGAT_FAICP		
			Z25405	939	940	1	0.092	AGAT_FAICP		
			Z25407	940	940.3	0.3	0.006	AGAT_FAICP		
			Z25408	940.3	941	0.7	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z25409	941	942	1	0.006	AGAT_FAICP		
			Z25410	942	943	1	0.008	AGAT_FAICP		
			Z25411	943	943.3	0.3	0.004	AGAT_FAICP		
			Z25413	943.3	944	0.7	0.008	AGAT_FAICP		
			Z25414	944	945.15	1.15	0.342	AGAT_FAICP		
945.15	**945.82**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse grained moderately foliated banded altered GBFG. No garnets observed but altered white fledspars pseudomorphs have replaced them. Altered contacts are difficult to define accurately. Minor Py and Po. Coarse bio and potentially sericite or ruile.	Z25415	945.15	945.82	0.67	1.36	AGAT_FAICP		
945.82	**946.77**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** Fine to medium grained strongly foliated porphyritic DIOP2. Medium grained strained Amp porphs. Matrix is amp and plag dominated. Few small grey and clear qtz veins locally. Blue chlorite patches observed around veining. Sericite alteration (maybe rutile) sections increase and decrease gradually locally. Might be an AMP but porph texture is indicative of DIOP2. No sulfides observed within matrix. Non magnetic. Altered upper and lower contacts with altered GBFG.	Z25416	945.82	946.77	0.95	0.198	AGAT_FAICP		
946.77	**948.34**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to coarse grained moderately foliated banded altered GBFG. Grain size and composition varied within unit. Upper contact was altered and difficult to accuratly define. Lower contact was compositionally gradual. Medium to coarse garnets observed pervasively within a coarse biotite rich matrix. One potential QV1 observed.	Z25417	946.77	947.23	0.46	0.306	AGAT_FAICP		
			Z25419	947.23	947.53	0.3	0.544	AGAT_FAICP		
			Z25420	947.53	948	0.47	1.87	AGAT_FAICP		
			Z25421	948	948.34	0.34	0.988	AGAT_FAICP		
948.34	**950.20**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Fine to medium grained moderately folaited compositionally banded and patchy Po CPX rich AMFW. CPX patches observed throughout unevenly and are often more magnetic. Minor fine diss Po and Py throughout. Contains one QV that might hold grade. Sharp lower contact. Gradual upper contact. Locally magnetic. Minor small veining. Coarse amp and bio observed locally.	Z25422	948.34	948.81	0.47	3.42	AGAT_FAICP		
			Z25423	948.81	949.15	0.34	3.35	AGAT_FAICP		
			Z25424	949.15	949.6	0.45	0.608	AGAT_FAICP		
			Z25425	949.6	950.2	0.6	2.74	AGAT_FAICP		
950.20	**951.10**	**(QFP) Quartz Feldspar Porphyry, ( )** Medium to coarse grained moderately foliated porphyritic QFP. Large white plag porphs throughout. One Amp clast or bomb. Sharp upper and lower contacts. plag qtz bio amp matrix. Minor fine diss Py and lesser amount Po. Non magnetic.	Z25427	950.2	951.1	0.9	0.983	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
951.10	**955.50**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z25428	951.1	952	0.9	0.659	AGAT_FAICP		
Fine to medium grained moderately folaited compositionally banded and patchy Po CPX rich AMFW. CPX patches observed throughout unevenly and are often more magnetic. Minor fine diss Po and Py throughout. Sharp upper and lower contacts. Locally magnetic. Minor small veining. Coarse amp and bio observed locally.			Z25429	952	953	1	0.941	AGAT_FAICP		
			Z25430	953	954	1	0.911	AGAT_FAICP		
			Z25431	954	955	1	1.01	AGAT_FAICP		
			Z25433	955	955.5	0.5	2.56	AGAT_FAICP		
955.50	**956.93**	**(QFP) Quartz Feldspar Porphyry, ( )**	Z25434	955.5	956	0.5	0.058	AGAT_FAICP		
Medium to coarse grained moderately foliated porphyritic QFP. Large white plag porphs throughout. One Amp clast or bomb. Sharp upper and lower contacts. plag qtz bio amp matrix. Minor fine diss Py and lesser amount Po. Non magnetic.			Z25435	956	956.93	0.93	0.022	AGAT_FAICP		
956.93	**965.04**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z25436	956.93	958	1.07	1.3	AGAT_FAICP		
Fine to medium grained moderately folaited compositionally banded and patchy Po CPX rich AMFW. CPX patches observed throughout unevenly and are often more magnetic. Minor fine diss Po and Py throughout. Sharp upper and lower contacts. Locally magnetic. Minor small veining. Coarse amp and bio observed locally. One QV2 along lower contact.			Z25437	958	959	1	1.69	AGAT_FAICP		
			Z25439	959	960	1	1.33	AGAT_FAICP		
			Z25440	960	961	1	1.53	AGAT_FAICP		
			Z25441	961	962	1	0.394	AGAT_FAICP		
			Z25442	962	963	1	9.6	AGAT_FAGRA		
			Z25443	963	964	1	3.5	AGAT_FAICP		
			Z25444	964	964.5	0.5	1.84	AGAT_FAICP		
			Z25445	964.5	965.04	0.54	1.33	AGAT_FAICP		
965.04	**965.47**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z25447	965.04	965.47	0.43	0.57	AGAT_FAICP		
Fine to medium grained moderately foliated grey GBFG. Equigranular. qtz plag bio amp matrix. Sharp upper and lower contacts. Trace sulfides. Fine to medium euhedral garnets throughout.										
965.47	**966.31**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	Z25448	965.47	965.82	0.35	0.274	AGAT_FAICP		
Massive white QV. Few small amp rich patches of host rock. Trace sulfides along host rock patches. Otherwise barren white QV.			Z25449	965.82	966.31	0.49	0.293	AGAT_FAICP		
966.31	**967.26**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	Z25450	966.31	966.7	0.39	0.245	AGAT_FAICP		
Fine to medium grained moderately foliated grey GBFG. Equigranular. qtz plag bio amp matrix. Sharp upper and lower contacts. Trace sulfides. Fine to medium euhedral garnets throughout.			Z25451	966.7	967.26	0.56	2.99	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
967.26	**967.56**	**(MAM) Mottled Amphibolite, ( )** Siliceous MAM. Mainly qtz and patches of CPX. Slightly more green CPX than qtz. Stringers and aggregates of Po and Py pervasively. More Po than Py.	Z25453	967.26	967.56	0.3	14.7	AGAT_FAGRA		
967.56	**967.86**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 vein with minor amounts of CPX po and py. More Po than Py. Gradual upper and lower contacts.	Z25454	967.56	967.86	0.3	20	AGAT_FAGRA		
967.86	**969.00**	**(MAM) Mottled Amphibolite, ( )** Siliceous MAM. Mainly qtz and patches of CPX. Slightly more green CPX than qtz. Stringers and aggregates of Po and Py pervasively. More Po than Py.	Z25455	967.86	968.16	0.3	11.4	AGAT_FAGRA		
			Z25456	968.16	968.46	0.3	10.1	AGAT_FAGRA		
			Z25457	968.46	968.76	0.3	6	AGAT_FAGRA		
			Z25459	968.76	969.06	0.3	8	AGAT_FAGRA		
969.00	**969.36**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 vein with minor amounts of CPX po and py. More Po than Py. Gradual upper and lower contacts.	Z25460	969.06	969.36	0.3	4.5	AGAT_FAGRA		
969.36	**969.66**	**(MAM) Mottled Amphibolite, ( )** Siliceous MAM. Mainly qtz and patches of CPX. Slightly more green CPX than qtz. Stringers and aggregates of Po and Py pervasively. More Po than Py.	Z25461	969.36	969.66	0.3	10.1	AGAT_FAGRA		
969.66	**970.17**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderately foliated grey GBFG. Equigranular. qtz plag bio amp matrix. Sharp upper and lower contacts. Trace sulfides. Fine to medium euhedral garnets throughout.	Z25462	969.66	970.17	0.51	3.99	AGAT_FAICP		
970.17	**970.77**	**(MAM) Mottled Amphibolite, ( )** Siliceous MAM. Mainly qtz and patches of CPX. Slightly more green CPX than qtz. Stringers and aggregates of Po and Py pervasively. More Po than Py. One small VG flake.	Z25463	970.17	970.47	0.3	29.4	AGAT_FAGRA	Yes	
			Z25464	970.47	970.77	0.3	6.2	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
970.77	**971.41**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25467	970.77	971.07	0.3	8.3	AGAT_FAGRA		
Fine to medium grained moderately foliated grey FGS. Equigranular. qtz plag bio amp matrix. Sharp upper and lower contacts. Trace sulfides. Weak Augen texture.			Z25468	971.07	971.41	0.34	2.18	AGAT_FAICP		
971.41	**972.01**	**(MAM) Mottled Amphibolite, ( )**	Z25469	971.41	971.71	0.3	1.98	AGAT_FAICP		
Siliceous MAM. Mainly qtz and patches of CPX. Slightly more green CPX than qtz. Stringers and aggregates of Po and Py pervasively. More Po than Py.			Z25470	971.71	972.01	0.3	1.9	AGAT_FAICP		
972.01	**973.20**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25471	972.01	972.5	0.49	1.8	AGAT_FAICP		
Fine to medium grained moderately foliated grey FGS. Equigranular. qtz plag bio amp matrix. Sharp upper and lower contacts. Trace sulfides. Weak Augen texture.			Z25473	972.5	973.2	0.7	1.14	AGAT_FAICP		
973.20	**976.34**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z25474	973.2	974	0.8	0.042	AGAT_FAICP		
Large massive magnetic LAMP dyke. white carbonate spots unevenly distributed. Strongly magnetic. No alteration. Very weak altereation along contacts. No sulfides.			Z25475	974	975.5	1.5	0.004	AGAT_FAICP		
			Z25476	975.5	976.34	0.84	0.003	AGAT_FAICP		
976.34	**978.80**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z25477	976.34	977	0.66	0.287	AGAT_FAICP		
Fine to medium grained moderately folaited compositionally banded and patchy Po CPX rich AMFW. CPX patches observed throughout unevenly and are often more magnetic. Minor fine diss Po and Py throughout. Sharp upper and lower contacts. Locally magnetic. Minor small veining. Coarse amp and bio observed locally.			Z25479	977	978	1	0.586	AGAT_FAICP		
			Z25480	978	978.8	0.8	1.07	AGAT_FAICP		
978.80	**979.57**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25481	978.8	979.57	0.77	0.778	AGAT_FAICP		
Fine to medium grained moderately foliated amp rich FGS. Sharp upper and lower contacts.										
979.57	**984.60**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	Z25482	979.57	980	0.43	0.237	AGAT_FAICP		
Fine to medium grained moderately folaited compositionally banded and patchy Po CPX rich AMFW. CPX patches observed throughout unevenly and are often more magnetic. Minor fine diss Po and Py throughout. Sharp upper and lower contacts. Locally magnetic. Minor small veining. Coarse amp and bio observed locally. Atered lower contact			Z25483	980	981	1	0.19	AGAT_FAICP		
			Z25484	981	982	1	0.443	AGAT_FAICP		
			Z25485	982	983	1	0.826	AGAT_FAICP		
			Z25487	983	984	1	0.299	AGAT_FAICP		
			Z25488	984	984.6	0.6	0.76	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
984.60	**990.29**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	Z25489	984.6	986	1.4	0.279	AGAT_FAICP		
Large massive magnetic LAMP dyke. white carbonate spots unevenly distributed. Strongly magnetic. No alteration. Very weak altereation along contacts. No sulfides.			Z25490	986	987.5	1.5	0.002	AGAT_FAICP		
			Z25491	987.5	989	1.5	0.001	AGAT_FAICP		
			Z25493	989	990.29	1.29	0.065	AGAT_FAICP		
990.29	**991.64**	**(FGC) Felsic Gneiss Conglomerate, ( )**	Z25494	990.29	991.64	1.35	0.307	AGAT_FAICP		
Fine to medium grained moderately foliated amp rich FGC. Gradual lower contact. Sharp low angle upper contact. Trace sulfides.										
991.64	**993.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	Z25495	991.64	993	1.36	0.278	AGAT_FAICP		
Fine to coarse grained moderately foliated FGS. Gradual upper contact.. Trace sulfides. EOH 993m.										

Newmont

Geological Description with Assays

Hole ID : **BL19-01096**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	161.48	Easting :	334381	Logged By :	Mike.Schweinberger
Dip :	-77.71	Northing :	5303928	Logged By 2 :	Alex.Jibb
Length :	408	Elevation :	445.69	Log Start :	10-Dec-2019
Drill Start :	5-Nov-2019	UTM Grid :	NAD83_UTMZ17N_GPS	Log Completed :	5-Jan-2020
Drill Completed :	15-Nov-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Abandoned after the azmiuth swung too far right and dip lifted too fast. Intended target wasn't possible and the projected target was too close to adjacent holes. Hole was abandoned and new hole BL19-01098 was drilled for the same target with a more aggresive lift and drift. AJ logged 198-251m. Brad logged 251 to EOH.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**34.00**	**(OB) Overburden, ( )**								
34.00	**34.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med occasioally to coarse am por pinkish-grey mod fol FGS; weak to mod pinkish halo and patchy KSp alt; weak to mod gen med and occasionally coarse am por; weak fine to med bio; weak very fine dissem anh py								
34.90	**36.40**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine mas lamp interfingering host FGS (as described above and below) mm- to dm tick partly following core axis; Lamp dark grey with freq semi-angular mm-sized carb patches; upper contact sharp; with mm-sized bio phenoc; mag								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
36.40	**45.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med occasioally to coarse am por pinkish-grey mod fol FGS; weak to mod pinkish halo and patchy KSp alt; weak to mod gen med and occasionally coarse am por; weak fine to med bio; weak very fine dissem anh py								
45.45	**52.63**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse polymict mod to strongly fol conglo with mod stretched clasts; pinkish grey with weak to mod halo and patchy Ksp alt; upper contact sharp; weak fine to med bio and am; weak fine dism wisps of py; mod mag								
52.63	**60.68**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med pinkish grey weakly to mod fol FGS; weak fine to med bio and am; weak fine dissem anh py; weakly to mod Ksp alt as haloes and patches; upper contact grad								
60.68	**63.00**	**(DIO) Diorite, ( )** Dio or med fsp por FGS; greyish pink; mod to strongly fol; partly with strong lin of bio wisps and qtz ribbons; weak fine to med bio; mod to strongly per and patchy Ksp alt; mod dissem anh fine py; upper contact sharp								
63.00	**71.48**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse polymict mod fol conglo with mod stretched clasts; pinkish grey with halo and patchy Ksp alt that is weak to 65.31 and mod below that; upper contact sharp; weak fine to med bio and am; weak fine dism wisps of py; mod mag								
71.48	**78.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med slightly fsp por pinkish grey FGS; mod Ksp alt as haloes and patches; weak fine to med bio and am; med pink fsp por; weak to mod fol; very weak fine dissem py; upper contact sharp; lamp dyke at 72.55-72.74								
78.45	**96.30**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse polymict mod fol conglo with mod stretched clasts; pinkish grey with halo and patchy Ksp alt that is mod to 87and strong below that; upper contact sharp; weak fine to med bio and am; weak fine dism wisps of py; mod mag								
96.30	**135.10**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med vaiably abundand pinkish grey to grey med fsp por FGS; frequ flt rock below								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		115.9;think sections of conglo at 127.6-127.65 and 128.72-128.90; weak bio and am; weakly to mod halo and patchy Ksp alt; thin lamp dyke sliver at 101.59-101.62; uper contact sharp; infrequ white qtz stingers and frags usually mm-thick/sized up to around a cm thick/sized; weak dissem anh fine py								
135.10	**159.71**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse polymict mod fol conglo with mod stretched clasts; pinkish grey with weak to mod halo and patchy Ksp; upper contact sharp; weak fine to med bio and weak to mod fine to med am; weak fine dism wisps of py; mod to strongly mag								
159.71	**170.39**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse 'micro'-conglo that is rel am rich; clast are smaller than above up to 1.5cm lengh and 0.5cm width (resembling somewahat porphyroclasts) making this more of a 'microconglomerate'; mod to strong fine to med am; weak fine to med bio; weak to mod pink patchy and halo Ksp alt; very weak very fine dissem anh py; weak to very weak mag; upper contact grad								
170.39	**171.58**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine mas dark grey magn lamp; wiht frequ mm-sized semi ang carb patches and subhed bio phenoc; upper contact sharp								
171.58	**173.13**	**(FGC) Felsic Gneiss Conglomerate, ( )** fine to coarse polymict mod fol conglo with mod stretched clasts; pinkish grey with weak to mod halo and patchy Ksp; upper contact sharp; weak fine to med bio and weak to mod fine to med am; weak fine dism wisps of py; mod mag								
173.13	**174.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine mas dark grey magn lamp; wiht frequ mm-sized semi ang carb patches and subhed bio phenoc; upper contact sharp								
174.30	**176.03**	**(FGC) Felsic Gneiss Conglomerate, ( )** foulted fine to coarse polymict mod fol conglo with mod stretched clasts; pinkish grey with weak to mod halo and patchy Ksp; upper contact ground; weak fine to med bio and weak to mod fine to med am; weak fine dism wisps of py; mod mag								
176.03	**180.67**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine mas dark grey magn lamp; frequ mm-thick carb stringers; wiht frequ mm-sized semi ang								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
carb patches and subhed bio phenoc; upper contact sharp										
180.67	**184.81**	**(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein** frequ multiple bands of mas white Q2 in fsp por FGS; qtz gen fol parallel bands up to 40cm thick with some pink fsp stringers floating in it; FGS is gen fine to med with freq gen med (but occas coarse) pinkish fsp por; weak fine to med am and bio; weak fine dissem anh py; upper cont is sharp; not mag; mod stron patchyly KSp alt								
184.81	**186.17**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine mas dark grey magn lamp; some mm-thick carb stringers; wiht frequ mm-sized semi ang carb patches and subhed bio phenoc; upper contact sharp								
186.17	**189.30**	**(FGC) Felsic Gneiss Conglomerate, ( )** weakly dev fine to coarse pinkish grey am-rich conglo; weakly fo mod fol; only few clasts; below 186.96 weak to mod fracture zone with fract gen filled by qtz-carb gen mm-thick but upt to 1.2cm thick; mod to strong fine to med am; weak fine to med bio; very weak very fine dissem anh py; very weak loc mag; upper contact sharp; weak to mod patchy and halo Ksp alt								
189.30	**189.93**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** fine mas dark grey magn lamp; some mm-thick carb stringers; wiht frequ mm-sized semi ang carb patches and subhed bio phenoc; upper contact sharp								
189.93	**190.59**	**(FGC) Felsic Gneiss Conglomerate, ( )** weakly dev fine to coarse pinkish grey am-rich conglo; weakly fo mod fol; only few clasts; weak to mod fracture zone with fract gen filled by qtz-carb gen mm-thick but upt to 1cm thick; mod to strong fine to med am; weak fine to med bio; very weak very fine dissem anh py; very weak loc mag; upper contact sharp; weak to mod patchy and halo Ksp alt								
190.59	**219.25**	**(FGS) Felsic Gneiss Sedimentary, ( )** fine to med pinkish grey weakly to mod fol fsp por FGS; weak to mod patchy and halo Ksp alt; weak fine to med am and bio; upper part to 195.51 weakly fractured with fracs generally healed and filled by qtz-carb; these are gen mm thick up to a thickness of 1.5cm; few healed fractures/gouges throughout (see structure tab); STI 4 throughout with lcl decreases in ST to 2-3; fine dissem anh py; not mag; upper contact is sharp								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
219.25	**220.66**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Dark grey; fcg; weak-moderate potassic alteration defines banded texture in conjunction with compositional heterogeneity of stretched clasts (QZ-CB and FGS/AMP liths) in a mafic-supported matrix; unit not as amature as other FGCs observed; foliation moderate with S1 measured at a51 (no lines to grab beta angles); trace vffg dissem PY min; contacts sharp where S0//S1								
220.66	**230.45**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Grey to light-pinkish-grey; fcg; weak to moderate patchy potassic alteration; poorly developed POR texture defined by subrounded to angular QZ-FSP phenocrysts 1-6mm in diameter; foliation weak-moderate with local intervals of trace to non-existent foliation; POT-staining to texture-defining QZ-FSP phenocrysts; from 224.5m-230.45m several small-scale fractures filled by mm-scale QZ-CB veinlets; larger clay-like gouge 226.1-226.17m; trace amts of PY overall with lcl increase of mcg blebby PY at 223.86m; lower contact with UMD sharp								
230.45	**231.34**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Dark grey; fcg; weakly conglomeratic included heterogeneous angular to subrounded lithic fragments of QZ-FSP-CB lithology; few mm-scale CB stringers cut unit; no sig min or alteration otherwise; lower contact sharp								
231.34	**254.50**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Grey to dark grey to pinkish-green; fcg; weak-moderate patchy POT and SER alteration throughout with a weak pervasive silicification overprinting unit; mafic matrix supported conglomeratic unit with 15-17% AMP and 5-7% QZ-FD clasts stretched defining both CONG and bnd textures; unoriented core S1 measured at 236.3m with a63; few healed fractures throughout interval; trace amts of vffg dissem PY min								
254.50	**254.90**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
		Small black carbonate rich LAMP dyke above a large fault zone. Minor brecciation of the unit. Weakly magnetic. No sulfides. Ample carbonate within the bio amp rich matrix and as small carbonate veinlets. Sharp upper and lower contact.								
254.90	**283.00**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Fine grained weakly to moderately foliated greenish grey FGC. Conglomeratic texture is pervasive but varies in strength. Majority of the unit is a clay filled brecciated fault zone. Brecciation gradually increases and decreases in intensity. Pervasive K alteration. Many white carbonate veins are observed between breccia fragments locally. Sulfides are rare. Non magnetic.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

283.00 291.00 (FGS) Felsic Gneiss Sedimentary, ( )

Fine to medium grained weakly to moderately foliated grey FGS. Amp content varies forming weak gradual banding. Medium grained subhedral plag porphs are observed locally. Ample white carbonate veinlets are observed throughout likely as a result of fracturing and fluids associated with the large fault zone up hole. Locally brecciation is observed. Weak K alteration. Non magnetic. Rare Py. Lower contact is gradual with conglomeratic unit.

291.00 299.80 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained weakly to moderately foliated weakly conglomeratic FGC. Clasts are strained mafic in composition. Could be a more mafic banded FGS as no obvious clast terminations or felsic clasts are observed. Trace Py throughout. Gradual upper contact. Sharp immediate lower contact. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos.

299.80 302.70 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark black fine to medium grained strongly magnetic LAMP. No sulfides. Carbonate veins and veinlets throughout. Xenolith rich. Bio carb amp matrix. Sharp immediate upper and lower contacts.

302.70 304.28 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained weakly to moderately foliated weakly conglomeratic FGC. Clasts are strained mafic in composition. Could be a more mafic banded FGS as no obvious clast terminations or felsic clasts are observed. Trace Py throughout. Sharp immediate lower and upper LAMP contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos.

304.28 305.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark black fine to medium grained strongly magnetic LAMP. No sulfides. Carbonate veins and veinlets throughout. Xenolith rich. Bio carb amp matrix. Sharp immediate upper and lower contacts.

305.50 312.70 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained mafic in composition. Could be a more mafic banded FGS as no obvious clast terminations or felsic clasts are observed. Trace Py throughout. Sharp immediate lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos. Few small black LAMP dykes. One small LAMP dyke at 309m.

312.70 329.00 (FGC) Felsic Gneiss Conglomerate, ( )

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained mafic in composition. Could be a more mafic banded FGS as no obvious clast terminations or felsic clasts are observed. Trace Py throughout. At 314.4m a small band contains increased CPY and Py. Sharp lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos.

329.00 330.95 (QFP) Quartz Feldspar Porphyry, ( )

Fine to coarse grained moderately foliated porphyritic QPF. Large coarse subhedral plag porphs distributed evenly throughout the intermediate matrix dominated by plag and amp. Minor to trace diss Py throughout. Sharp upper and lower contacts. One small PEG vein at 330.45m.

330.95 332.08 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine to medium grained moderately to strongly foliated banded intermediate AMP. Plag content is variable resulting in minor weak banding. One section of the unit around a white barren boudinaged QV contains a small brecciated section and is weakly altered pink. Trace Py. Non magnetic. Sharp upper and lower contacts.

332.08 342.90 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained mafic in composition. Could be a more mafic banded FGS as no obvious clast terminations or felsic clasts are observed. Few sections void of clasts/banding is a mafic homogenous FGS. Trace Py throughout. Sharp lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos.

342.90 344.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark black fine to medium grained strongly magnetic LAMP. No sulfides. Carbonate veins and veinlets throughout. Xenolith rich. Bio carb amp matrix. Sharp immediate upper and lower contacts. Blocky rock.

344.00 362.40 (FGC) Felsic Gneiss Conglomerate, ( )

Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained and mafic in composition. Could be a more mafic banded FGS as no obvious clast terminations or felsic clasts are observed. Few sections void of clasts/banding is a mafic homogenous FGS. Trace Py throughout. Sharp lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos.

362.40 363.55 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

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 banded intermediate AMP. Trace Py. Non magnetic. Sharp upper and lower contacts. Equigranular. Homogenous.								
363.55	**366.50**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated grey FGS. Sharp upper and lower contacts. Trace Py. Homogenous. Equigranular. Plag qtz amp. Within this unit are two small ~10cm QFP units near the lower contact and a ~20cm coarse Amp section at 364.5m. Sharp contacts between all the units.								
366.50	**370.23**	**(AMP) Amphibolite, ( )**								
		Fine to medium grained moderately foliated strongly banded AMP. Mainly Amp with minor plag and trace bio. Compositionally and texturally banded as bio plag and grain size varies slightly. Locally weakly porphyritic. Sharp upper and lower contacts. Trace Py.								
370.23	**372.65**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated locally porphyritic grey FGS. Locally subhedral porphs are observed and closely resemble the QFP up hole. Matrix is otherwise equigranular plag qtz amp bio matrix. Locally Amp content gradually increases. Trace Py throughout.								
372.65	**373.00**	**(UMD) UM\LAMP Dike, ( )**								
		Small green non magnetic xenolith rich weakly fractured and brecciated LAMP dyke. Sharp immediate contacts. Carbonate veining within fractures and breccia. No sulfides. Chl rich.								
373.00	**384.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
		Fine to medium grained moderately foliated locally porphyritic grey FGS. Locally subhedral porphs are observed and closely resemble the QFP up hole. Matrix is otherwise equigranular plag qtz amp bio matrix. Locally Amp content gradually increases. 375m to 377m contains blocky fractured rock. Weak alteration halo around fractured core at 375.7m. Trace Py throughout.								
384.00	**385.65**	**(FGC) Felsic Gneiss Conglomerate, ( )**								
		Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained and mafic in composition. Trace Py throughout. Gradual lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos.								
385.65	**388.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained moderately foliated grey FGS. More felsic than the FGC around this unit. Trace Py observed. Weakly porphyritic as small medium grained AMP crystals are observed throughout. Non magnetic. Gradual upper and lower contacts. Minor bio and amp.								
388.00	**390.10**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained and mafic in composition. Trace Py throughout. Gradual upper contact. Sharp lower contact. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos.								
390.10	**391.41**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated porphyritic FGS. Plag crystals are slightly less developed than a QFP and the matrix is coarser and more felsic than a typical QFP. Trace Py. Sharp upper and lower contacts. Ample medium grained bio within the matrix. Non magnetic.								
391.41	**392.51**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained and mafic in composition. Trace Py throughout. Gradual short lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos. Few felsic clasts observed locally.								
392.51	**394.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. More felsic than the FGC around this unit. Trace Py observed. Weakly porphyritic as small medium grained AMP crystals are observed throughout. Non magnetic. Gradual upper and lower contacts. Minor bio and amp.								
394.00	**398.00**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained and mafic in composition. Trace Py throughout. Gradual short lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos. Few felsic clasts observed locally.								
398.00	**399.54**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated porphyritic FGS. The matrix is coarser and more felsic than a typical QFP. Trace Py. Sharp upper and lower contacts. Ample medium grained bio within the matrix. Non magnetic. Weak K alteration observed as pinkish white feldspars.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
399.54	**401.90**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained and mafic in composition. Trace Py throughout. Gradual short lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos. Few felsic clasts observed locally.								
401.90	**404.05**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. More felsic than the FGC around this unit. Trace Py observed. Weakly porphyritic as small medium grained AMP crystals are observed throughout. Non magnetic. Gradual upper and lower contacts. Minor bio and amp.								
404.05	**408.00**	**(FGC) Felsic Gneiss Conglomerate, ( )** Fine grained strongly to moderately foliated weakly conglomeratic FGC. Clasts are strained and mafic in composition. Trace Py throughout. Gradual short lower and upper contacts. Weak K alteration. Few very small qtz carb veinlets with weak to no alteration halos. Few felsic clasts observed locally. EOH= 408m								

Newmont

Geological Description with Assays

Hole ID : **BL19-01097**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	16.46	Easting :	333144.28	Logged By :	Tyler.Compton
Dip :	-66.95	Northing :	5302582	Logged By 2 :	Alex.Jibb
Length :	920	Elevation :	435.4	Log Start :	25-Nov-2019
Drill Start :	12-Nov-2019	UTM Grid :	NAD83_UTMZ17N_GPS	Log Completed :	15-Dec-2019
Drill Completed :	15-Dec-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

TC logged 0-184m; AJ logged 184-563m; Brad Loggeed 563-876.23; Dan Logged 876.23-920.00. Hole intersected typical and expected hanging wall unit included the thick semi homogenous semi massive labradorite rich FGS above our projected ore zone. The ore zone consisted of typicaly FGSMU-FGG-GBFG-QV-AMP sequence. A roughly 15m laminated and massive QV1 with several visible gold specs was observed. Large DIOP2 unit defines the lower contact of the large vein. Several localities the DIOP2 unit is observed. The core was drilled subparallel to foliation resulting in low angle and in several places the core was split between two units as it drilled along an undulating contact. Po and Py were observed throughout the mineralized zone.BL19-01097 was intended to infill between up dip hole BL19-01085 and down dip hole BL19-01078. Hole was drilled by Major personnel from 0-591m and finished by Missinabi drilling contracted through Major (Rig JV19-1) from 591-920m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**12.00**	**(OB) Overburden, ( )**								
Overburden. None recovered.										
12.00	**23.45**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Fine groundmass with avg 10% QZE (abundance varies); subround; <2cm. Abundant fracturing; mostly at high angle to core axis; polished surfaces are common. Minor Py present only in veins; coarse; clotty. Rare dm scale qz-fspr veins; discordant; no signif mineralization. Minor fine dissem biot and amp throughout; combined ~15%. Enclave of elevated amp content 20.62-21.20m; 25% combined biot+amp; well foliated; obvious stretching direction but no orientation. Minor patchy K-Hem alt mostly assoc with healed fracs; becomes more pervasive approaching fault.										
23.45	**24.15**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Discordant opq white qz vein. No vis sulfs or alt. Highly fractured. Located within fault zone.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

24.15 36.53 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 12-23.45m. Comprises several minor fault zones; cm scale; occ gouge preserved. Weak but pervasive K-Hem alt throughout.

36.53 37.80 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dioritic in composition and texture. Felsic to intermediate; ~30% combined amp+biot; dissem; mm scale. 15% dissem felsic porphs; subang; <5mm. No vis sulfs. No signif veining. Distiinct stretching lineation observable in amp porphs. Minor patchy K-Hem alt throughout.

37.80 39.00 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Translucent white qz with minor clotty pink Kspar. Minor Py assoc with cm scale host selvages. Distinct but deformed contacts. Minor clotty pink-red alt.

39.00 42.97 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 36.53-37.80m. Occasional well preserved slickensurfaces with well developed slickenlines/steps.

42.97 49.50 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 24.15-36.53m. Occ patchy K-Hem alt assoc with fracs.

49.50 50.45 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 36.53-37.8m

50.45 53.20 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 12-23.45m. Comprises a cm scale fault at 52-52.20m

53.20 57.77 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
As desc in 36.53-37.8m. Weak foliation has deteriorated to non-existent.										
57.77	**58.87**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Equigranular fspr dominated PEG. Subhedral xls <2cm. Minor coarse clotty Py; frac controlled. Distinct contacts. Pervasive pale pink K alt.										
58.87	**63.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
As desc in 53.2-57.77m.										
63.20	**63.60**	**(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite**								
Dark green; phaneritic; subhedral xls <5mm; equigranular. No vis sulfs. Strongly chloritic. Hosts minor fault gouge and assoc qz-fspr vein. Distinct contacts.										
63.60	**73.38**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
As desc in 53.2-57.77m. Hosts occ AMP beds and dm scale rounded clasts. Possible lapilli tuff with mafic bombs? Rare slickenplanes with well developed slickenlines/steps; indicates oblique thrust with dextral component.										
73.38	**74.07**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
As desc in 57.77-58.87m. Occ quarzose enclaves. Minor mm scale frac controlled Py.										
74.07	**76.00**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Lithos as previously desc. Comprises significant fault zone: cm scale angular frags; dm scale breccia segments; cm scale sandy partly indurated gouge segments. No vis sulfs. Pervasive pink K-Hem alt.										
76.00	**76.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
As desc in 63.6-73.38m										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
76.70	**77.30**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Moderately brecciated. Healed; competent. Fspr dominated. Strong pervasive pink-red K-Hem alt. No signif sulfs.										
77.30	**77.60**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
As desc in 76-76.7m										
77.60	**78.00**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
Qz dominated. 40% coarse subhedral pink fspr. Strong selective K-Hem alt of fspr. Minor coarse clotty Py.										
78.00	**79.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
As desc in 76-76.70m										
79.70	**79.98**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
As desc in 76.7-77.3m										
79.98	**93.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Mostly as previously described. Hosts several dm scale AMP beds/clasts. Possible lapilli tuff with AMP bombs? Biot and amp have become more coarse/blastic; apparent abundance increased; dioritic composition. Apparent fold at 85.95m: opposing S0 representing limbs of gentle fold; no apparent axial planar foliation. Beginning at 83.85m texture changes dramatically; rough; possible drilling artefact/scarring. No vis sulfs. Minor patchy weak K alt as halos surrounding fracs.										
93.40	**93.85**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
As desc in 76.7-77.3m										
93.85	**96.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
As desc in 79.98-93.4m										
96.00	**97.90**	**(QFP) Quartz Feldspar Porphyry, ( )**								
Groundmass like previous FGS. Hosting 15% coarse angular felsic porphs; weakly elongate; <1cm. Compositionally same as FGS described previously. No vis sulfs. No signif alt.										
97.90	**100.06**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
As desc in 50.45-53.2m. Biot and amp significantly reduced relative to prev FGS.										
100.06	**103.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
Dark green-grey fine groundmass with 40% dissem leuco porphs (possible dolomite; soft but not reactive). No vis sulfs. No Mag. Pale green altered margins.										
103.50	**121.20**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Grey fine grained groundmass hosting avg 15% mm scale QZE; subround. Occ nebulous amp frags (basaltic pillow frags? cm scale). No vis sulfs. No signif veining. Prominent pervasive pink K alt throughout. Strongly siliceous; primary vs alt uncertain.										
121.20	**122.15**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
~50% white qz. Trace fine frac controlled Py. Strong pink frac controlled K-Hem alt. Cut by low angle qz vein; barren.Diffuse contacts.										
122.15	**123.73**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Massive fined grained grey FGS. 2% qz veining; <5cm; approx concordant with ambient foliation. No vis sulfs. Strongly siliceous.										
123.73	**125.78**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**								
Distinguished from surrounding FGS by ditinct segregation texture (intercalated mm to cm scale mafic and felsic lithons). Mafic minerals have aggregated into clotty bands. Trace fine dissem Py assoc with mafic lithons. No signif alt.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

125.78 143.45 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Characterized by 20% mm scale dissem felsic porphs. Also distinguished from prev FGS by elevated mafic component. 7% fine dissem amp. Occ cm to dm scale AMP bombs/clasts; deformed; rounded. No vis sulfs. No signif alt. Minor PEG at 136.77-137.06m.

143.45 143.88 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Fine grained equigranular AMP. Trace very fine dissem Py throughout. No vis alt. No veining.

143.88 158.40 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As dec in 125.78-143.45m. Occasional qz-fspr veins and masses: hosting abundant coarse amp clots; minor fine Py; +/- CaC03 alt. Vuggy vein at 142.60m; low angle; 5cm true thickness; vugs host euhedral fine Py and CaC03 crust. Trace K-Hem-Sil alt present as narrow halos surrounding late fracs and qz-cb stringers. Biot and amp vary in size and apparent abundance; mm scale <5mm; 5-10%.

158.40 159.16 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark grey-brown fine groundmass hosting 20% coarse sub-round dolomite(?) porphs. No vis sulfs. Altered contacts: pale green and laminated.

159.16 174.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Porphyritic to phaneritic/equigranular. Intermediate in composition throughout; realtive abundance of mafics vs felsics varies somewhat: where groundmass has higher mafic content felsic porphs are accentuated; where groundmass is more felsic felsic porphs appear absent and amp porphs dominate. No vis sulfs. Minor alt present as narrow halos surrounding fine fracs and qz-cb stringers. No signif veining.

174.00 174.50 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Fine dark grey groundmass hosting 10% coarse dolomite porphs. Minor dolomite stringers. Thin altered contacts; pale green. No vis sulfs.

174.50 178.90 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 159.16-174m. Mafic porphs dominate; mostly mm scale; occ cm scale <2cm; round. No vis sulfs. No signif veining or alt.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

178.90 179.48 (PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz)

PEG apparently enveloping AMP IN. Minor coarse Py. Minor mm scale vugs in AMP. Moderate pervasive pink K alt throughout. Diffuse contacts with surrounding FGS.

179.48 184.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

As desc in 174.5-178.9m

184.00 218.23 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to pinkish-grey to lclly green; equigranular mcg throughout; 10-12% BIO and 12-15%; AMP with larger cm-sized bombs scattered throughout (possibly xenoliths depending on protolith interpretation); massive-textured with no dominant structural fabric; one open F2 fold with no obvious asymmetry measured from upper and lower limb alpha/beta angles measured at 216.74m; 1% vffg dissem PY min throughout; sharp lower contact with UMD

218.23 219.23 (UMD) UM\LAMP Dike, ( )

Dark grey to black; no sig min or alteration; few mm-scale CB xenoliths and stringers; sharp lower contact

219.23 222.21 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to dark grey; mcg; moderately silicified and weakly potassic altered; AMP-dominanted POR-texture with 12-15% mg AMP throughout; 8-10% BIO; 0.5% vffg dissem PY min; sharp lower contact with FSP-dominated POR-textured FGS

222.21 235.56 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey; fcg; moderately silicified; FSP-dominanted POR texture showing as mm-cm scale angular to subrounded grains throughout; much finer-grained groundmass composed of 15-17% BIO; 1% vffg dissem PY min throughout; sharp lower contact with UMD

235.56 235.89 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fmg; no significant alteration or minerlaization; sharp lower contact measured at a29 b330

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

235.89 244.00 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Dark grey; localized intervals of varying grain size; POR-texture present throughout defined by 1-7mm sized anhedral to subhedral subrounded FSP phenocrysts and similarly sized and shaped AMP; 6% FSP 6% AMP; lcl weak patchy POT alteration; 0.5-1.0% vffg dissem PY min throughout; last 27cm of interval composed of 1% PY min massive-textured AMP in contact with lower UMD

244.00 244.37 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fmg; moderate amygdule/vessicular texture defined by mg subrounded CB grains entrained in a BIO-dominant matrix; unit moderately magnetic; no sig min or alteration; lower contact sharp

244.37 246.44 (FGS, UMD) Felsic Gneiss Sedimentary, UM\LAMP Dike, ( )

Grey to bluish-grey to pinkish-grey; fmg; moderately RIE altered due to presence of UMD in area (uphole and downhole contacts); massive with lcl partially melted quartzofeldspathic zones proximal to UMD dyklets; 1% vffg dissem PY min; sharp lower contact with larger UMD package

246.44 249.82 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

Split 85/15 interval composed donminantly of dark brown por-textured UMD with 15% moderately RIE-altered mcg FGS; 2% fg wispy MUSC hosted in FGS units; no signficant sulphide mineralization hosted in either unit; UMD shows 2cm SER alteration halos around contact aureoles; lower contact sharp

249.82 271.48 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to dark grey to pink; mcg; weak patchy POT alteration lclly showing as halos around 0.1-2cm scale QZ-CB-FSP stringers cutting unit at randomin intervals/orientations to core axis; no significant veining; lcl cvcg AMP bombs/xenoliths entrained in FGS host; 10-12% BIO throughout; 15-17% AMP defines POR texture; 1% vffg dissem PY min throughout

271.48 292.60 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to pinkish-grey to lclly greenish-grey; mcg; weak patchy and halo-style POT alteration lclly around mm-cm scale QZ-FSP stringers; medium-coarse grained porphyritic texture dominant throughout; no distinct structural fabric; 2% vffg dissem PY min throughout; 12-15% mg dissem AMP and similar abundances of BIO defining unit identifier; lower

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

contact sharp with olive-green UMD measured at a25 b294

292.60 293.55 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

Green; fcg; 1% cg euhedral/subhedral hematite grains hosted in UMD matrix; last 70cm of interval split lithologies parallel to core axis with UMD and uphole FGS; no sig min; loewr contact inferred at 293.55m

293.55 296.46 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to pinkish-grey to lclly greenish-grey; mcg; trace patchy and halo-style POT alteration lclly around mm-cm scale QZ-FSP stringers; medium-coarse grained porphyritic texture dominant throughout; no distinct structural fabric; 0.5% vffg dissem PY mint; 12-15% mg dissem AMP and similar abundances of BIO defining unit identifier

296.46 298.40 (UMD, FGS) UM\LAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke

Green; fg; no significant alteration/veining/mineralization; 297.75-298.40 sees a split of lithologies parallel to core axis with one half of the core composed of uphole mcg POR-textured FGS; sharp albeit exaggerated contacts

298.40 327.75 (FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone

Grey to pinkish-grey to lclly greenish-grey; mcg; weak patchy and halo-style POT alteration lclly around mm-cm scale QZ-FSP stringers; medium-coarse grained porphyritic texture dominant throughout; no distinct structural fabric; 1% vffg dissem PY min throughout; 12-15% mg dissem AMP and ~10% BIO defining unit identifier; one F1 fold feature observed at 308.42m plunging 34 towards 098 with AP1 a40 b336

327.75 331.75 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fcg; no sig min or alt; 15% fmg 0.1-3mm sized CB vessicles/amygdules throughout; larger 5-8mm cg HE-stained FSP; no sig min; sharp upper and lower contacts

331.75 356.37 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to pinkish-grey; mcg; weak patchy/halo POT alteration with bulk of POT+SER alt occurring between 340-340.38m; BIO+AMP rich unit with 5-7% mg BIO and 10-12% mcg dissem AMP throughout unit; 2% mg dissem labradorite throughout; massive textured with no distinct structural fabric present; lcl 1-5cm cvcg AMP clasts entrained in host material (bombs? host FGS an ash/lapilli tuff? not xenoliths); 1% vffg dissem PY

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

356.37 357.15 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; vffg; no significant alteration or mineralization; 2cm CL+SER alt halos on upper and lower sides of sharp contacts

357.15 372.00 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; mcg; weak silicification; weak HALO-style POT alteration around mm-cm scale QZ-FSP veinlets cutting host FGS at random intervals and orientations; lcl stringers 1-3mm in thickness show trace (overall) SER alt halos; 8-10% BIO and 10-12% AMP mg dissem throughout; larger cvcg AMP bombs scattered throughout unit lclly showing potassic alteration around lith margins; 2% mg dissem blue labradorite; 1% vffg dissem PY throughout

372.00 374.26 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Pink and white to lclly red; cvcg; patchy weak HE alteration towards lower contact; moderate graphic texture to compositional alkalic and plagioclase feldspars; 75% FSP 23% QZ 2% BIO and trace amts of fmg dissem MUSC vein-hosted; no significant mineralization

374.26 377.34 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to dark grey; mcg; weak silicification; weak HALO-style POT alteration around mm-cm scale smokey QZ-FSP veinlets cutting host FGS at random intervals and orientations; lcl stringers 1-3mm in thickness show trace (overall) SER alt halos; 8-10% BIO and 10-12% AMP mg dissem throughout; larger cvcg AMP bombs scattered throughout unit lclly showing potassic alteration around lith margins; 2% mg dissem blue labradorite; 2% vffg dissem PY throughout host rock and along stringer margins/in stringer material

377.34 380.10 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fcg; no significant alteration; patchy POR texture defined by rounded to angular 1-7mm CB amygdules; no significant mineralization; sharp lower contact

380.10 385.26 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; mcg; no signficant alteration; one minor QV2 veinlet from 384.2-384.3m; 10% AMP and 7-8% BIO mcg; 1% vffg dissem PY min

385.26 385.83 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; no sig alteration or mineralization or veining dyke-hosted; 2cm SER and CL alteration halos on uphole and downhole sides of contacts

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

385.83 388.95 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; mcg; weakly silicifed; no sig veining or alteration; 10-12% mcg dissem to patchy AMP and 7-8% mg BIO; 1% vffg dissem PY min background

388.95 391.33 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown; fmg; no significant alteration or veining; one vcg FGS/granitic XNL hosted in dyke between 390.46-390.55m; sharp contacts; upper contact has clay-like gouge material between units appearing to be of UMD lithology; no significant sulphide mineralization

391.33 449.84 (FGS) Felsic Gneiss Sedimentary, ( )

Grey; mcg; 7-8% fmg dissem BIO and 12-13% fine to very-coarse-grained AMP throughout; cvcg AMP possible volcanic bombs? significant increase in AMP abundance between 423.36-424.77m with 30-35% AMP; 3-4% fmg irridescent labradorite disseminated throughout; several mm-cm smokey-grey to opaque white QZ and QZ-FSP veinlets cutting unit with no preferrential alignment; weak POT alteration halos lclly; increase in silica overprinting from 411.00-449.84m from relatively no overprinting to moderate; 2-3% very-fine-grained to medium-grained PY min hosted in FGS and lclly in aforementioned QZ veinlets

449.84 451.04 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Green to dark green; mcg; moderately silicified; 40-45% AMP defines unit appearing as angular to subhedral grains disseminated throughout with minor 10-12% CPX present; contacts moderately defined and more obvious when wet; 1% vffg dissem PY min throughout

451.04 479.09 (FGS) Felsic Gneiss Sedimentary, ( )

Grey to pinkish grey; mcg; moderately silicified with lcl patchy to halo-style POT alteration affecting host FGS and mm-cm scale QZ-FSP veinlets cutting unit with no prefferential orientation/frequency; 7-8% mg BIO; 13-15% mcg AMP; 2-3% fmg dissem irridescent labradorite throughout; no signficant veining; 1% vffg to lclly mg dissem PY min

479.09 480.12 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Green to olive-green/beige; healed breccia between 479.5-479.62m; gouge material at 479.78-479.85; broken/faulted core from 479.85-480.12; no sulphide mineralization; no veining

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
480.12	**482.74**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Pink to greyish-pink; mcg; late-stage pervasive POT alteration likely a product of UMDs in area and moderate pervasive silicification to unit; 10-12% AMP present and 2% labradorite (formerly DIOAM?); no significant mineralization; few mm-scale QZ-FP-CB stringers throughout hosting no significant mineralization								
482.74	**483.80**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Green to olive-green/brown; fcg; few potassic stringers cut unit; healed gouge/cataclasite from 483.43-483.80m; lower contact sharp measured at a28 b246								
483.80	**521.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** Reddish-pink to grey to dark grey; mcg; weak-to-locally-moderate POT alteration throughout with moderate increase in SIL+SER alteration between 488-492m; 12-13% mcg dissem AMP throughout with lcl vcg AMP bombs (?) showing no alteration halos; unit relatively massive with lcl weakly developed foliation defined by aforementioned AMP; foliation generally consistent alphas of 40 with betas between 160-190; few dm-scale QZ-FP-CPX veinlets both con- and dis-cordant with foliation; 1% vffg dissem PY min throughout								
521.00	**536.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Grey to pink to reddish-pink; fcg; moderate silicification and weak-moderate patchy POT alteration to lclly intense between 530.34-532.00m; weakly melt-textured and moderately siliceous with a weak-moderately developed foliation defined by 7-8% fmg BIO and compositional layering measured lclly with S1//S0; 3-5% fmg dissem MUSC throughout defines unit identifier; blocky core between 530.28-530.34m; 1% vffg dissem PY min - BEGIN SAMPLING AT 521m	C68867	521	522	1	0.014	AGAT_FAICP		Start of sampling
			C68868	522	523	1	0.01	AGAT_FAICP		
			C68869	523	524	1	0.009	AGAT_FAICP		
			C68870	524	525	1	0.014	AGAT_FAICP		
			C68871	525	526	1	0.011	AGAT_FAICP		
			C68873	526	527	1	0.006	AGAT_FAICP		
			C68874	527	528	1	0.013	AGAT_FAICP		
			C68875	528	528.8	0.8	0.015	AGAT_FAICP		
			C68876	528.8	529.8	1	0.039	AGAT_FAICP		
			C68877	529.8	530.34	0.54	0.067	AGAT_FAICP		
			C68879	530.34	531.34	1	0.041	AGAT_FAICP		
			C68880	531.34	532	0.66	0.042	AGAT_FAICP		
			C68881	532	533	1	0.03	AGAT_FAICP		
			C68882	533	534	1	0.015	AGAT_FAICP		
			C68883	534	535	1	0.016	AGAT_FAICP		
			C68884	535	536	1	0.019	AGAT_FAICP		
			C68885	536	536.85	0.85	0.767	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
536.85	**543.85**	**(FGG) Felsic Gneiss Granitic, ( )** Pink and grey; fcg; moderate silicification and moderate patchy to lclly pervasive POT alteration; weak-moderate patchy SER alt; banded texture defined by compositional layering of siliceous melt-textured material and pot-altered FGG; S1//S0; significant increase in MUSC 7-8% fcg dissem/patchy; lcl wispy fmg silliminate 1% overall; 2% vffg dissem to fol-hosted PY min throughout	C68887	536.85	538	1.15	0.189	AGAT_FAICP		
			C68888	538	539	1	0.1	AGAT_FAICP		
			C68889	539	540	1	0.102	AGAT_FAICP		
			C68890	540	541	1	0.107	AGAT_FAICP		
			C68891	541	542	1	0.125	AGAT_FAICP		
			C68893	542	543	1	0.115	AGAT_FAICP		
			C68894	543	543.85	0.85	1.23	AGAT_FAICP		
543.85	**547.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Beige to pink-grey; fmg; moderate silicificaiton; weak patchy POT alteration to lclly moderate; few cm-scale PEGQG veinlets concordant with foliation cut unit hosting no sig min; 5-7% fmg dissem to patchy MUSC; 1% vffg dissem PY	C68895	543.85	545	1.15	0.251	AGAT_FAICP		
			C68896	545	546	1	0.068	AGAT_FAICP		
			C68897	546	547	1	0.088	AGAT_FAICP		
			C68899	547	547.83	0.83	0.059	AGAT_FAICP		
547.83	**551.94**	**(FGG) Felsic Gneiss Granitic, ( )** Pink and grey to beige-grey; fcg; moderate-strong silicification and moderate siliceous nature to unit; variable degrees of poassic alteration throughout; weakly melt-textured quartzofeldspathic groundmass; banded textured defined by compositional layering; 7-8% fcg dissem to patchy MUSC and 3-5% fmg dissem to wispy SILL; 43cm PEGGR vein cuts FGS concordant with foliation between 549.35-549.78m; foliation moderate with S1//S0; 1% vffg dissem PY min	C68900	547.83	549	1.17	0.334	AGAT_FAICP		
			C68901	549	549.35	0.35	0.298	AGAT_FAICP		
			C68902	549.35	549.78	0.43	0.598	AGAT_FAICP		
			C68903	549.78	551	1.22	0.46	AGAT_FAICP		
			C68904	551	551.94	0.94	0.371	AGAT_FAICP		
551.94	**556.05**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Grey to pinkish-grey to lclly red; fmg; moderately siliceous/silcified with weak-moderate patchy pot alteration; intense pot-aleration between 555-555.78m; 5-7% fmg MUSC disseminated throughout; S1//S0; 1% vffg dissem PY min	C68905	551.94	553	1.06	0.1	AGAT_FAICP		
			C68907	553	554	1	0.136	AGAT_FAICP		
			C68908	554	555	1	0.11	AGAT_FAICP		
			C68909	555	555.75	0.75	0.279	AGAT_FAICP		
			C68910	555.75	556.05	0.3	0.078	AGAT_FAICP		
556.05	**571.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Grey to lclly dark grey; fmg; moderately silicified and moderately siliceous; foliation consistent with uphole units ~a30 ~b170; 8-10% BIO througout defines moderate foliation; Minor 2-5% MUS throughout; banded texture defined by compositional layering of melt-textured quartzofeldspathic background; one 40cm QV2 from 560.6-561.0m hosting 1% mg dissem BIO and trace amts of mg PY; 2% vffg dissem PY min FGS-hosted. Small LAMP at 571.03m to 571.32m.	C68911	556.05	557	0.95	0.048	AGAT_FAICP		
			C68913	557	558	1	0.058	AGAT_FAICP		
			C68914	558	559	1	0.046	AGAT_FAICP		
			C68915	559	560	1	0.094	AGAT_FAICP		
			C68916	560	560.6	0.6	0.066	AGAT_FAICP		
			C68917	560.6	561	0.4	0.011	AGAT_FAICP		
			C68919	561	562	1	0.025	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C68920	562	563	1	0.031	AGAT_FAICP		
			C68921	563	564	1	0.038	AGAT_FAICP		
			C68922	564	565	1	0.065	AGAT_FAICP		
			C68923	565	566	1	0.072	AGAT_FAICP		
			C68924	566	567	1	0.069	AGAT_FAICP		
			C68925	567	568	1	0.027	AGAT_FAICP		
			C68927	568	569	1	0.035	AGAT_FAICP		
			C68928	569	570	1	0.036	AGAT_FAICP		
			C68929	570	571.03	1.03	0.084	AGAT_FAICP		
			C68930	571.03	571.33	0.3	0.135	AGAT_FAICP		
			C68931	571.33	571.95	0.62	0.015	AGAT_FAICP		
571.95	**574.38**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	C68933	571.95	573	1.05	0.009	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic DIOP2. Coarse strained Amp phenocrysts observed throughout. Fine grained amp feld bio rich matrix. Altered upper and lower contacts. Small white veinlets with little to no alteration halos. Sharp upper and lower contacts. Non magnetic. No sulfides observed.			C68934	573	574.38	1.38	0.003	AGAT_FAICP		
574.38	**583.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C68935	574.38	575	0.62	0.053	AGAT_FAICP		
Fine to medium grained moderately to strongly foliated FGSMU. Minor melt/QF diffuse melt patches observed locally. Minor bio and musc pervasively. Sharp upper contact. Gradual mineralogical and textural lower contact. Few QF and Qtz veins with aggregates of Po and Py along contacts. Weak uneven K alteration. Few small white veinlets. Fine diss Py and lesser Po pervasively within the qtz plag bio musc matrix.			C68936	575	576	1	0.023	AGAT_FAICP		
			C68937	576	577	1	0.009	AGAT_FAICP		
			C68939	577	578	1	0.014	AGAT_FAICP		
			C68940	578	579	1	0.024	AGAT_FAICP		
			C68941	579	579.6	0.6	0.041	AGAT_FAICP		
			C68942	579.6	580.1	0.5	0.043	AGAT_FAICP		
			C68943	580.1	580.4	0.3	0.064	AGAT_FAICP		
			C68944	580.4	581	0.6	0.067	AGAT_FAICP		
			C68945	581	582	1	0.048	AGAT_FAICP		
			C68947	582	583	1	0.025	AGAT_FAICP		
583.00	**586.33**	**(FGG) Felsic Gneiss Granitic, ( )**	C68948	583	583.5	0.5	0.033	AGAT_FAICP		
Medium to coarse grained moderately foliated clotty altered FGG. clotty patches of white micas and feldspars are observed unevenly throughout. Pink K alteration is pervasive with local sections strongly altered. Coarse musc patches observed throughout. Small white wisps of sillminite. Minor medium grained bio. Fine diss euhedral and subhedral Py. Sharp lower contact with LAMP. Gradual mineralogical and textural upper contact. Non magnetic.			C68949	583.5	584	0.5	0.037	AGAT_FAICP		
			C68950	584	585	1	0.029	AGAT_FAICP		
			C68951	585	586	1	0.029	AGAT_FAICP		
			C68953	586	586.33	0.33	0.025	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
586.33	**587.50**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark greenish grey xenolith rich LAMP dyke. Sharp weakly altered upper and lower contacts. Non magnetic. No sulfdies. Coarse rounded xenoliths throughout. Biotite carbonate amp rich matrix.	C68954	586.33	587.5	1.17	0.003	AGAT_FAICP		
587.50	**588.57**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse grained moderately foliated clotty altered FGG. clotty patches of white micas and feldspars are observed unevenly throughout. Pink K alteration is pervasive with local sections strongly altered. Coarse musc patches observed throughout. Small white wisps of sillminite. Minor medium grained bio. Fine diss euhedral and subhedral Py. Sharp upper contact with LAMP. Gradual mineralogical and textural lower contact. Non magnetic.	C68955	587.5	588	0.5	0.015	AGAT_FAICP		
			C68956	588	588.5	0.5	0.082	AGAT_FAICP		
588.57	**589.25**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately to strongly foliated FGSMU. Minor melt/QF diffuse melt bands pervasively. Minor bio and musc pervasively. Gradual upper and lower contacts. Weak even K alteration. Few small white veinlets. Fine diss Py. Trace Po.	C68957	588.5	589.25	0.75	0.042	AGAT_FAICP		
589.25	**590.44**	**(FGG) Felsic Gneiss Granitic, ( )** Fine to coarse grained moderately foliated augen texture altered red FGG. Augen patches of white micas with red and pink feldspar rims throughout. Pink and red K alteration is pervasive. Small white wisps of sillminite. Minor medium grained bio. Sharp lower contact with LAMP. Gradual mineralogical and textural upper contact. Non magnetic. Fine diss Py.	C68959	589.25	590	0.75	0.042	AGAT_FAICP		
			C68960	590	590.44	0.44	0.029	AGAT_FAICP		
590.44	**591.64**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark greenish grey xenolith rich LAMP dyke. Sharp weakly altered upper and lower contacts. Non magnetic. No sulfdies. Coarse to very coarse rounded xenoliths throughout. Biotite carbonate amp rich matrix. Xenoliths seem to be brecciated. May be healed fault?	C68961	590.44	591.64	1.2	0.0005	AGAT_FAICP		
591.64	**592.79**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite rich grey FGS. Few small foliation parallel deformed QVs. Sharp upper and lower contacts. Minor fine diss Py. No Po observed.	C68962	591.64	592.4	0.76	0.06	AGAT_FAICP		
			C68963	592.4	592.79	0.39	0.156	AGAT_FAICP		
592.79	**598.10**	**(FGG) Felsic Gneiss Granitic, ( )**	C68964	592.79	593.5	0.71	0.279	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 moderately foliated clotty altered FGG. Clotty patches of white micas and feldspars are observed throughout. Pink K alteration is pervasive with local sections strongly altered. Coarse musc patches observed throughout. Small white wisps of sillminite. Minor medium grained bio. Fine diss Py. Short gradual upper and lower contacts. Non magnetic. Some clotty patches contains clay like minerals. One section is an irregular feldspar qtz vein with diffuse contacts.	C68965	593.5	594	0.5	0.097	AGAT_FAICP		
			C68967	594	595	1	0.042	AGAT_FAICP		
			C68968	595	596	1	0.063	AGAT_FAICP		
			C68969	596	597	1	0.059	AGAT_FAICP		
			C68970	597	598.1	1.1	0.024	AGAT_FAICP		
598.10	**599.89**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately to strongly foliated FGSMU. Few small melt/QF melt bands. Upper portion contains a QF vein parallel to foliation with Po and Py aggregates along contacts. Minor bio and musc pervasively. Gradual upper and lower contacts. Weak even K alteration. Few small white veinlets. Fine diss Py. Trace Po.	C68971	598.1	599.1	1	0.071	AGAT_FAICP		
			C68973	599.1	599.89	0.79	0.11	AGAT_FAICP		
599.89	**600.88**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** Fine to coarse grained porphyritic AMP. Rounded to subrounded Amp porphs within a mafic Amp rich matrix is similar to DIOP2 but porphs aren't strained. One small section is intensely altered. Pervasive sericite alteration in the form of many small yellow beige veinlets within the matrix. No sulfides. Non magnetic. Revisited post logging and changed to DIOP2 upon learning the some DIOP2 isn't very strained.	C68974	599.89	600.88	0.99	0.267	AGAT_FAICP		
600.88	**602.93**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Fine to medium grained moderately to strongly foliated FGSMU. Weak banding. Minor bio and musc pervasively. Sharp upper and lower contacts. Few small white veinlets with what bleached alteration halos. Fine diss Py. Trace Po. Few medium grained melt patches observed.	C68975	600.88	602	1.12	0.123	AGAT_FAICP		
			C68976	602	602.93	0.93	0.093	AGAT_FAICP		
602.93	**606.26**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to coarse grained moderately foliated biotite rich grey FGS. Few small foliation parallel deformed QVs with coarse aggregates of Po and Py. Minor compositional banding. Sharp upper and lower contacts. Minor fine diss Py and Po.	C68977	602.93	603.63	0.7	0.05	AGAT_FAICP		
			C68979	603.63	604	0.37	0.046	AGAT_FAICP		
			C68980	604	605	1	0.059	AGAT_FAICP		
			C68981	605	605.5	0.5	0.074	AGAT_FAICP		
			C68982	605.5	606.26	0.76	0.137	AGAT_FAICP		
606.26	**615.55**	**(FGG) Felsic Gneiss Granitic, ( )** Medium to coarse moderately foliated compositionally and texturally banded grey and pink FGG. Compositional banding observed as K alteration and biotite content varies while texturally the unit is banded and clotty. Locally short bands and sections verge towards FGSMU. Small wisps of sil unevenly distributed throughout. Short sections show increased	C68983	606.26	607	0.74	0.111	AGAT_FAICP		
			C68984	607	608	1	0.074	AGAT_FAICP		
			C68985	608	609	1	0.094	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		silicification. K alteration in variable but pervasive. Upper and lower contacts are short gradual compositional. Fine diss Py throughout. Trace Po. Non magnetic.	C68987	609	610	1	0.097	AGAT_FAICP		
			C68988	610	611	1	0.13	AGAT_FAICP		
			C68989	611	612	1	0.11	AGAT_FAICP		
			C68990	612	613	1	0.078	AGAT_FAICP		
			C68991	613	614	1	0.113	AGAT_FAICP		
			C68993	614	615	1	0.141	AGAT_FAICP		
			C68994	615	615.55	0.55	0.326	AGAT_FAICP		
615.55	**616.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C68995	615.55	615.9	0.35	0.159	AGAT_FAICP		
		Fine to medium grained moderately foliated sulfide rich grey banded FGSMU. Mus and bio content varies slightly but pervasive. Fine diss crystals and stringers of Po and Py throughout. Small patches of musc and sil increases toward lower contact. Non magnetic. Gradual short compositional upper and lower contacts. Weak K alteration.	C68996	615.9	616.3	0.4	0.112	AGAT_FAICP		
616.30	**627.19**	**(FGG) Felsic Gneiss Granitic, ( )**	C68997	616.3	617	0.7	0.56	AGAT_FAICP		
		Medium to coarse moderately foliated compositionally and texturally banded grey and pink FGG. Compositional banding observed as K alteration and biotite content varies while texturally the unit is banded and clotty. Locally short bands and sections verge towards FGSMU. Short sections show increased silicification. K alteration in variable but pervasive. Upper and lower contacts are short gradual compositional. Fine diss Py throughout. Trace Po. Non magnetic. Few irregular altered QF and qtz veins present in lower portion.	C68999	617	618	1	0.188	AGAT_FAICP		
			C69000	618	618.5	0.5	0.133	AGAT_FAICP		
			C70251	618.5	619	0.5	0.113	AGAT_FAICP		
			C70253	619	620	1	0.119	AGAT_FAICP		
			C70254	620	621	1	0.204	AGAT_FAICP		
			C70255	621	622	1	0.158	AGAT_FAICP		
			C70256	622	623	1	0.308	AGAT_FAICP		
			C70257	623	624	1	0.113	AGAT_FAICP		
			C70259	624	624.4	0.4	0.177	AGAT_FAICP		
			C70260	624.4	624.7	0.3	0.132	AGAT_FAICP		
			C70261	624.7	625.15	0.45	0.103	AGAT_FAICP		
			C70262	625.15	625.8	0.65	0.121	AGAT_FAICP		
			C70263	625.8	626.5	0.7	0.122	AGAT_FAICP		
			C70264	626.5	627.19	0.69	0.083	AGAT_FAICP		
627.19	**631.08**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70265	627.19	627.5	0.31	0.066	AGAT_FAICP		
		Fine to coarse grained strongly foliated biotite rich grey siliceous GBFG. Ample bio defines foliation. Upper portion contains irregular qtz/amp aggregates within the foliated fabric and may be pesudomorphs of garnet aggreates as they are varied in size and typcially round like garnets seen in GBFG. Lower and middle portion has observable fine to medium grained garnets and garnets aggregates. Stringers and diss Po and Py pervasively. Minor Musc and	C70267	627.5	628	0.5	0.119	AGAT_FAICP		
			C70268	628	628.5	0.5	0.086	AGAT_FAICP		
			C70269	628.5	629	0.5	0.078	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
sil observed. Lower contact is textural and sharp.			C70270	629	629.5	0.5	0.041	AGAT_FAICP		
			C70271	629.5	630	0.5	0.012	AGAT_FAICP		
			C70273	630	630.5	0.5	0.028	AGAT_FAICP		
			C70274	630.5	631.08	0.58	0.034	AGAT_FAICP		
631.08	**638.78**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70275	631.08	631.5	0.42	0.077	AGAT_FAICP		
Medium to coarse grained strongly foliated biotite rich GBFG. Garnets are medium grained and aggregated locally but only observed in small amounts locally. Bio 25% Qtz 30% Plag 30% Amp 13% Grn+Musc+sSil 1% Py+Po 1%. Upper and lower contacts are strongly altered and sharp. One potentially high grade vein observed at 633.5m. Minor Py and Po observed as diss and thin stringers. During section interp the strongly altered lower contact is a result of a small DIOP2 unit that correlated well with adjacent holes. DIOP2 is roughly from 637.9 to 658.6m.			C70276	631.5	632	0.5	0.128	AGAT_FAICP		
			C70277	632	632.5	0.5	0.16	AGAT_FAICP		
			C70279	632.5	633	0.5	0.089	AGAT_FAICP		
			C70280	633	633.45	0.45	0.201	AGAT_FAICP		
			C70281	633.45	633.75	0.3	0.113	AGAT_FAICP		
			C70282	633.75	634.5	0.75	0.134	AGAT_FAICP		
			C70283	634.5	635	0.5	0.117	AGAT_FAICP		
			C70284	635	635.5	0.5	0.407	AGAT_FAICP		
			C70285	635.5	636	0.5	0.09	AGAT_FAICP		
			C70287	636	636.5	0.5	0.405	AGAT_FAICP		
			C70288	636.5	637	0.5	0.156	AGAT_FAICP		
			C70289	637	637.5	0.5	0.078	AGAT_FAICP		
			C70290	637.5	638	0.5	0.135	AGAT_FAICP		
			C70291	638	638.4	0.4	0.094	AGAT_FAICP		
			C70293	638.4	638.78	0.38	0.193	AGAT_FAICP		
638.78	**639.77**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)**	C70294	638.78	639.77	0.99	0.097	AGAT_FAICP		
Fine to medium grained moderately foliated porphyritic DIONS. Dark grey fine bio plag amp matrix contains subrounded white and pink plag porphs pervasively. The unit is homogenous with weak alteration halos observed around veinlets. Upper contacts are sharp and the surrounding units are slightly strongly to weakly altered. Trace fine anhedral Py throughout the matrix. Non magnetic.										
639.77	**642.18**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70295	639.77	640.4	0.63	0.335	AGAT_FAICP		
Medium to coarse grained strongly foliated biotite rich GBFG. Garnets are not observed. Bio 25% Qtz 30% Plag 30% Amp 13% Py+Po 2%. Upper and lower contacts are sharp. Few small potentially high grade veins observed parallel to foliation. Minor Py and Po observed as diss and thin stringers.			C70296	640.4	641	0.6	0.301	AGAT_FAICP		
			C70297	641	641.5	0.5	0.3	AGAT_FAICP		
			C70299	641.5	642.18	0.68	0.411	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
642.18	**642.50**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Fine to medium grained moderately foliated porphyritic DIONS. Dark grey fine bio plag amp matrix contains subrounded white and pink plag porphs pervasively. The unit is homogenous with weak alteration halos observed around veinlets. Upper contacts are sharp and the surrounding units are slightly strongly to weakly altered. Trace fine anhedral Py throughout the matrix. Non magnetic.	C70300	642.18	642.5	0.32	0.081	AGAT_FAICP		
642.50	**642.95**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Short fine to medium grained strongly foliated biotite rich GBFG. Garnets are not observed. Bio 30% Qtz 30% Plag 25% Amp 10% Py+Po 5%. Upper and lower contacts are sharp. One small potentially high grade veins observed parallel to foliation along lower contact. Minor Py and Po observed as diss and thin stringers. Weak sericite alteration.	C70301	642.5	642.95	0.45	0.215	AGAT_FAICP		
642.95	**646.47**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Fine to medium grained moderately foliated porphyritic DIONS. Dark grey fine bio plag amp matrix contains subrounded white and pink plag porphs pervasively. The unit is homogenous with weak alteration halos observed around veinlets. Upper contacts are sharp and the surrounding units are slightly strongly to weakly altered. Trace fine anhedral Py throughout the matrix. Non magnetic.	C70302	642.95	644	1.05	0.534	AGAT_FAICP		
			C70303	644	645	1	0.098	AGAT_FAICP		
			C70304	645	646	1	0.04	AGAT_FAICP		
			C70305	646	646.47	0.47	0.342	AGAT_FAICP		
646.47	**648.33**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Medium to coarse grained strongly foliated biotite rich GBFG. Garnets are not observed. Bio 25% Qtz 30% Plag 40% Amp 3% Py+Po 2%. Upper and lower contacts are sharp. One small potentially high grade veins observed parallel to foliation. Minor Py and Po observed as diss and thin stringers. Weak sericite alteration. Two Diffuse feldspar rich PEG veins make up the majority of the unit.	C70307	646.47	647.2	0.73	0.254	AGAT_FAICP		
			C70308	647.2	647.5	0.3	0.237	AGAT_FAICP		
			C70309	647.5	647.8	0.3	0.309	AGAT_FAICP		
			C70310	647.8	648.33	0.53	0.069	AGAT_FAICP		
648.33	**651.33**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)** Fine to medium grained moderately foliated porphyritic DIONS. Dark grey fine bio plag amp matrix contains subrounded white and pink plag porphs pervasively. The unit is homogenous with weak alteration halos observed around veinlets. Upper contacts are sharp and the surrounding units are slightly strongly to weakly altered. Trace fine anhedral Py throughout the matrix. Non magnetic.	C70311	648.33	649	0.67	0.008	AGAT_FAICP		
			C70313	649	650	1	0.014	AGAT_FAICP		
			C70314	650	651.33	1.33	0.023	AGAT_FAICP		
651.33	**656.47**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained strongly foliated biotite rich GBFG. Garnets are observed locally as individual crystals and aggregates. Bio 25% Qtz 30% Plag 30% Amp 10% 3% Grn Py+Po 2%. Upper and lower contacts are sharp. One small secton contains strong qtz flodding. Minor Py and Po observed as diss and thin stringers. Conglomeratic texture observed locally	C70315	651.33	652	0.67	0.818	AGAT_FAICP		
			C70316	652	652.3	0.3	0.674	AGAT_FAICP		
			C70317	652.3	652.9	0.6	0.076	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
confidently with clast terminations present. Stretching lineations not persistent enough to measure. Conglomeratic texture grades out to a more banded and homogenous GBFG. Non magnetic. Few small and medium sized carbonate veins with strong carbonate altered halos.			C70319	652.9	653.5	0.6	0.065	AGAT_FAICP		
			C70320	653.5	654	0.5	0.178	AGAT_FAICP		
			C70321	654	654.5	0.5	0.09	AGAT_FAICP		
			C70322	654.5	655	0.5	0.07	AGAT_FAICP		
			C70323	655	655.5	0.5	0.035	AGAT_FAICP		
			C70324	655.5	656	0.5	0.064	AGAT_FAICP		
			C70325	656	656.47	0.47	0.116	AGAT_FAICP		
656.47	**663.94**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70327	656.47	657	0.53	0.02	AGAT_FAICP		
Medium to coarse grained moderately foliated porphyritic grey and white QFP. Large subhedral plag porphs observed throughout the medium grained plag qtz bio amp matrix. Unit is compositionally homogenous. Locallized sections are weakly to strongly K altered around qtz and carb veins and fractures. No sulfides. Non magnetic.			C70328	657	658	1	0.008	AGAT_FAICP		
			C70329	658	659	1	0.03	AGAT_FAICP		
			C70330	659	660	1	0.02	AGAT_FAICP		
			C70331	660	661	1	0.159	AGAT_FAICP		
			C70333	661	662	1	0.089	AGAT_FAICP		
			C70334	662	663	1	0.049	AGAT_FAICP		
			C70335	663	663.94	0.94	0.023	AGAT_FAICP		
663.94	**664.61**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70336	663.94	664.61	0.67	0.017	AGAT_FAICP		
Fine to medium grained biotite rich homogenous FGS. Minor amp. Short gradual upper and lower contacts. No sulfides. Non magnetic. Few small foliation parallel white qtz veins.										
664.61	**665.10**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70337	664.61	665.1	0.49	0.008	AGAT_FAICP		
Medium to coarse grained moderately foliated porphyritic grey and white QFP. Large subhedral plag porphs observed throughout the medium grained plag qtz bio amp matrix. Unit is compositionally homogenous. No sulfides. Non magnetic. Short gradual upper and lower contacts.										
665.10	**666.30**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70339	665.1	666.3	1.2	0.018	AGAT_FAICP		
Fine to medium grained biotite rich homogenous FGS. Minor amp. Short gradual upper and lower contacts. No sulfides. Non magnetic. Few small foliation parallel white qtz veins.										
666.30	**700.15**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70340	666.3	667	0.7	0.007	AGAT_FAICP		
Medium to coarse grained moderately foliated porphyritic grey and white QFP. Large			C70341	667	668	1	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
subhedral plag porphs observed throughout the medium grained plag qtz bio amp matrix. Unit is compositionally homogenous. No sulfides. Non magnetic. Short gradual upper and lcontact. Sharp immediate lower contact. Locallized sections are weakly altered around qtz carb veinlets and veins.			C70342	668	669	1	0.018	AGAT_FAICP		
			C70343	669	670	1	0.034	AGAT_FAICP		
			C70344	670	671	1	0.027	AGAT_FAICP		
			C70345	671	672	1	0.039	AGAT_FAICP		
			C70347	672	673	1	0.013	AGAT_FAICP		
			C70348	673	674	1	0.018	AGAT_FAICP		
			C70349	674	675	1	0.08	AGAT_FAICP		
			C70350	675	676	1	0.284	AGAT_FAICP		
			C70351	676	677	1	0.177	AGAT_FAICP		
			C70353	677	678	1	0.028	AGAT_FAICP		
			C70354	678	679	1	0.02	AGAT_FAICP		
			C70355	679	680	1	0.067	AGAT_FAICP		
			C70356	680	681	1	0.016	AGAT_FAICP		
			C70357	681	682	1	0.03	AGAT_FAICP		
			C70359	682	683	1	0.038	AGAT_FAICP		
			C70360	683	684	1	0.067	AGAT_FAICP		
			C70361	684	685	1	0.039	AGAT_FAICP		
			C70362	685	686	1	0.104	AGAT_FAICP		
			C70363	686	687	1	0.035	AGAT_FAICP		
			C70364	687	688	1	0.02	AGAT_FAICP		
			C70365	688	689	1	0.029	AGAT_FAICP		
			C70367	689	690	1	0.046	AGAT_FAICP		
			C70368	690	691	1	0.063	AGAT_FAICP		
			C70369	691	692	1	0.046	AGAT_FAICP		
			C70370	692	693	1	0.053	AGAT_FAICP		
			C70371	693	694	1	0.053	AGAT_FAICP		
			C70373	694	695	1	0.026	AGAT_FAICP		
			C70374	695	696	1	0.03	AGAT_FAICP		
			C70375	696	697	1	0.081	AGAT_FAICP		
			C70376	697	698	1	0.101	AGAT_FAICP		
			C70377	698	698.7	0.7	0.093	AGAT_FAICP		
			C70379	698.7	699.3	0.6	0.026	AGAT_FAICP		
			C70380	699.3	700.15	0.85	0.046	AGAT_FAICP		
700.15	**702.20**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C70381	700.15	701	0.85	0.003	AGAT_FAICP		
Large dark grey magnetic fine grained LAMP. White spots are observed throughout.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Magnetic pervasively. Sharp immediate upper and lower contacts. No sulfides.			C70382	701	702.2	1.2	0.002	AGAT_FAICP		
702.20	**705.75**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70383	702.2	703	0.8	1.38	AGAT_FAICP		
Medium to coarse grained moderately foliated porphyritic grey and white QFP. Large subhedral plag porphs observed throughout the medium grained plag qtz bio amp matrix. Unit is compositionally homogenous. No sulfides. Non magnetic. Sharp immediate upper contact. Locallized sections are weakly altered around qtz carb veinlets and veins. One potentially high grade vein at 702.25m. Foliation is difficult to measure confidently. Lower contact is apparently diffuse and difficult to define due to veining and a fining.			C70384	703	704	1	0.102	AGAT_FAICP		
			C70385	704	705	1	0.161	AGAT_FAICP		
			C70387	705	705.75	0.75	0.117	AGAT_FAICP		
705.75	**706.70**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70388	705.75	706.7	0.95	4	AGAT_FAGRA		
Fine to medium grained moderately foliated banded/veined grey FGSBI. Several foliation parallel and folded QF and qtz veins. Lower seciton with veining is folded tightly and irregularly. Lower and upper contact are difficult to define. Bio present pervasively. Minor Py and Po observed around veining. Non magetic.										
706.70	**708.68**	**(DIO) Diorite, (DIONS) Porphyritic (dominantly plagioclase phenocrysts)**	C70389	706.7	707.55	0.85	0.553	AGAT_FAICP		
Fine to medium grained moderately foliated porphyritic DIONS. Dark grey fine bio plag amp matrix contains subrounded medium grained white and pink plag porphs pervasively. The unit is homogenous with weak alteration halos observed around veinlets. Minor small cm scale grey clear qtz veins present unevenly. Trace fine anhedral Py throughout the matrix. Non magnetic. Lower contact is gently folded and sharp. Upper contact is difficult to define as upper FGS is compositionally similar. Rare garnets observed within unit.			C70390	707.55	708	0.45	0.394	AGAT_FAICP		
			C70391	708	708.3	0.3	0.856	AGAT_FAICP		
			C70393	708.3	708.68	0.38	0.365	AGAT_FAICP		
708.68	**708.80**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**								
Small fine grained Amp and CPX rich unit with small clear ~0.5 cm qtz veins associated with small fine aggregates of Po and Py. Upper contact is defined and gently folded. Lower contact is parallel to upper contact but disrupted by a small white QV. Unclear weather it is a true QV1 or some small irregular unit crosscutting the folded lower DIOP2 unit.										
708.80	**709.07**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	C70394	708.68	709.07	0.39	2.83	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic DIOP2. Coarse strained Amp phenocrysts observed throughout. Fine grained amp plag bio rich matrix. Low angle converging Sharp upper and lower contacts. Non magnetic. No sulfides observed. White and grey very fine grained material observed within the matrix of the unit. Continuation of the DIOP2 unit below.										
709.07	**709.46**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO,**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		etc	C70395	709.07	709.46	0.39	4.06	AGAT_FAICP		
		Small fine grained Amp and CPX rich unit with small clear 1-3 cm qtz veins associated with small fine aggregates of Po and Py. Unclear weather it is a true QV1 or some small irregular unit crosscutting the folded surrounding DIOP2 unit. Small localized sections contain altered white medium grained plag porphs which indicates it could be an altered continuation of the upper DIONS unit. Upper and lower contacts with DioP2 units.								
709.46	**710.28**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	C70396	709.46	709.95	0.49	11.1	AGAT_FAGRA		
		Fine to coarse grained strongly foliated porphyritic DIOP2. Coarse strained Amp phenocrysts observed throughout. Fine grained amp plag bio rich matrix. Low angle sharp upper contact. Sharp lower contact. Non magnetic. No sulfides observed. White and grey very fine grained material observed within the matrix of the unit. Few small ~1cm scale clear grey QVs observed locally which may hold grade. Continuation of the DIOP2 unit below and above. From 709.66 to 710.2 sericite alteration and a PEG vein completely over prints the DIOP2 unit. PEG doesn't likely hold grade but alteration may.	C70397	709.95	710.25	0.3	2.26	AGAT_FAICP		
710.28	**710.42**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70398	710.25	710.55	0.3	3.02	AGAT_FAICP		
		Small fine grained Amp and CPX rich unit with a small clear ~5 cm qtz vein associated with small fine aggregates of Po and Py. Unclear weather material around the vein in the small unit is MAM or some other Amp CPX rich lithology. Upper and lower contacts with DIOP2 are sharp and defined.								
710.42	**712.70**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	C70399	710.55	711	0.45	0.293	AGAT_FAICP		
		Fine to coarse grained strongly foliated porphyritic DIOP2. Coarse strained Amp phenocrysts observed throughout. Fine grained amp plag bio rich matrix. Sharp upper and lower contacts. Non magnetic. No sulfides observed. White and grey very fine grained material observed within the matrix of the unit. Continuation of the DIOP2 unit above. Upper contact is strongly bleached by the presence of several Carb veins.	C70400	711	711.5	0.5	0.514	AGAT_FAICP		
			C70401	711.5	712	0.5	0.334	AGAT_FAICP		
			C70402	712	712.7	0.7	3.06	AGAT_FAICP		
712.70	**716.00**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )**	C70403	712.7	713.3	0.6	2.4	AGAT_FAICP		
		Large medium to coarse section of banded/melted GBFG/PEG. No garnets observed but bio qtz plag musc bands and sections are separated by large amounts of grey QF melt/vein material. Minor medium grained diss Po and Py observed throughout the two units. Upper contact is mainly a QF vein for 20cm. QF vein/melt material gradually decreased down hole. Foliation is near parallel to core axis. Variable grain size gradually.	C70404	713.3	714	0.7	17.5	AGAT_FAGRA		
			C70405	714	714.75	0.75	14	AGAT_FAGRA		
			C70407	714.75	715.5	0.75	15.9	AGAT_FAGRA		
			C70408	715.5	716	0.5	11	AGAT_FAGRA		
716.00	**716.46**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C70409	716	716.46	0.46	0.125	AGAT_FAICP		
		Fine grained dark grey magnetic carbonate rich LAMP dyke. Sharp immediate upper and								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		lower contacts. No sulfides. Strongly magnetic. white carbonate spots observed throughout. Small xenoliths observed unevenly distributed in bands.								
716.46	**720.90**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70410	716.46	717	0.54	15	AGAT_FAGRA		
		Fine to medium grained moderatley to strongly foliated locally banded grey GBFG. Fine to medium garnets and fine wisps of Sil pervasively. From 718.5 to 720.3 several small 0.3-0.5cm greyish white QF/melt veins/bands parallel to foliation observed. Several veins show tight folding. Bio and minor amp define foliation. Upper and lower contacts are sharp. Fine diss Po and Py observed thorughout. Moderately magnetic. Local sections contain coarse biotite and increased Po and Py aggregates.	C70411	717	717.5	0.5	5	AGAT_FAGRA		
			C70413	717.5	718	0.5	10.7	AGAT_FAGRA		
			C70414	718	718.5	0.5	9.5	AGAT_FAGRA		
			C70415	718.5	719	0.5	8	AGAT_FAGRA		
			C70416	719	719.5	0.5	8.7	AGAT_FAGRA		
			C70417	719.5	720	0.5	9.3	AGAT_FAGRA		
			C70419	720	720.5	0.5	10.2	AGAT_FAGRA		
			C70420	720.5	720.9	0.4	3.33	AGAT_FAICP		
720.90	**723.10**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70421	720.9	722	1.1	0.682	AGAT_FAICP		
		Medium to coarse grained moderately foliated porphyritic grey and white QFP. Large subhedral plag porphs observed throughout the medium grained amp plag qtz bio matrix. Unit is compositionally homogenous. No sulfides. Non magnetic. Sharp upper and lower contacts. Few small grey barren boundinaged QVs observed.	C70422	722	723.1	1.1	0.113	AGAT_FAICP		
723.10	**729.18**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70423	723.1	723.5	0.4	15.2	AGAT_FAGRA		
		Fine to coarse grained moderatley to strongly foliated locally banded grey GBFG. Fine to medium garnets and fine wisps of Sil pervasively. Small 0.5-2cm grey QVs veins parallel to foliation observed throughout. Several slightly large QF veins observed as well. Bio and minor amp define foliation. Upper and lower contacts are sharp. Fine diss Po and Py observed thorughout. Moderately magnetic. Local sections contain coarse biotite and increased Po and Py aggregates. Core axis intersects the gently folded undulating contact with the upper QFP unit. Some sections of core are a third vein third GBFG and third QFP as core axis is parallel to foliation locally. One small Pink and white PEG at 728.2 has a moderately altered alteration halo.	C70424	723.5	724	0.5	1.71	AGAT_FAICP		
			C70425	724	724.5	0.5	4.42	AGAT_FAICP		
			C70427	724.5	725	0.5	6.1	AGAT_FAGRA		
			C70428	725	725.5	0.5	6.6	AGAT_FAGRA		
			C70429	725.5	726	0.5	5.3	AGAT_FAGRA		
			C70430	726	726.5	0.5	6.1	AGAT_FAGRA		
			C70431	726.5	727	0.5	4.39	AGAT_FAICP		
			C70433	727	727.5	0.5	8.3	AGAT_FAGRA		
			C70434	727.5	728	0.5	4.66	AGAT_FAICP		
			C70435	728	728.4	0.4	2.84	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C70436	728.4	728.7	0.3	11	AGAT_FAGRA		
			C70437	728.7	729.18	0.48	7.2	AGAT_FAGRA		
729.18	**729.81**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Fine grained dark grey magnetic carbonate rich LAMP dyke. Sharp immediate upper and lower contacts. No sulfides. Strongly magnetic. white carbonate spots observed throughout. Small xenoliths observed unevenly distributed in bands.	C70439	729.18	729.81	0.63	0.041	AGAT_FAICP		
729.81	**731.13**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated biotite and sulfide rich FGSBI. Bio and minor amp defines foliation. Minor Po and Py throughout. Qtz plag bio amp matrix. Homogenous. Sharp immediate upper contact. Sharp lower contact. Moderately magnetic.	C70440	729.81	730.5	0.69	0.097	AGAT_FAICP		
			C70441	730.5	731.13	0.63	0.176	AGAT_FAICP		
731.13	**731.65**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )** Fine to medium grained moderatley to strongly foliated locally banded grey GBFG. Fine to medium garnets and fine wisps of Sil pervasively. Several small 0.3-0.5cm grey QVs parallel to foliation observed. Bio and minor amp define foliation. Upper and lower contacts are sharp. Fine diss Po and Py observed thorughout. Weakly magnetic. Local sections contain coarse biotite and increased Po and Py aggregates.	C70442	731.13	731.65	0.52	8	AGAT_FAGRA		
731.65	**732.72**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Semi massive semi laminated high grade QV1. One VG spec observed. Sharp upper and lower contacts. Minor Po and Py pervasively. Minor coarse biotite patches unevenly distributed.	C70443	731.65	732	0.35	7.1	AGAT_FAGRA		
			C70444	732	732.35	0.35	1.73	AGAT_FAICP	Yes	
			C70447	732.35	732.72	0.37	14.7	AGAT_FAGRA		
732.72	**735.83**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Laminated QV1 vein. Laminated QVs make up most of unit. Thin stringers of bio musc and amp are between veins. Po and Py observed throughout the unit but are more abundant in the stringers of minerals than the QVs. One VG spec found. Sharp upper and lower contacts with more massive QV1s. (host rock was GBFG but no garnets observed)	C70448	732.72	733.1	0.38	18.3	AGAT_FAGRA		
			C70449	733.1	733.55	0.45	9.5	AGAT_FAGRA		
			C70450	733.55	734	0.45	10.1	AGAT_FAGRA		
			C70451	734	734.4	0.4	7	AGAT_FAGRA		
			C70453	734.4	734.8	0.4	10.11	AGAT_FAGRA		
			C70454	734.8	735.2	0.4	9.1	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C70455	735.2	735.5	0.3	9.6	AGAT_FAGRA		
			C70456	735.5	735.83	0.33	11.1	AGAT_FAGRA	Yes	
735.83	**736.73**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70457	735.83	736.13	0.3	20.7	AGAT_FAGRA	Yes	
Massive high grade QV1. Two VG specs observed below upper contact. Sharp upper and lower contacts. Minor Po and Py pervasively. Minor coarse biotite pervasively throughout the vein			C70460	736.13	736.43	0.3	5.5	AGAT_FAGRA		
			C70461	736.43	736.73	0.3	12.3	AGAT_FAGRA		
736.73	**738.00**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70462	736.73	737.1	0.37	15.7	AGAT_FAGRA		
Laminated QV1 vein. Laminated QVs make up 60% of the unit. Thin stringers of bio musc and amp are between veins. Po and Py observed throughout the unit but are more abundant in the stringers of minerals than the QVs. Sharp upper and lower contacts with more massive QV1s. (host rock was GBFG but no garnets observed). Two smaller more massive QV1 veins just above the lower contact.			C70463	737.1	737.4	0.3	8.5	AGAT_FAGRA		
			C70464	737.4	737.7	0.3	7.7	AGAT_FAGRA		
			C70465	737.7	738	0.3	20.3	AGAT_FAGRA		
738.00	**738.62**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70467	738	738.31	0.31	5	AGAT_FAGRA		
Massive light grey QV1. Sharp upper and lower contacts. Trace feldspar. Minor Po and Py pervasively. Trace coarse biotite.			C70468	738.31	738.62	0.31	19.6	AGAT_FAGRA		
738.62	**739.50**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70469	738.62	739	0.38	9.1	AGAT_FAGRA		
Fine to medium grained moderatley to strongly foliated locally banded grey GBFG. No garnets observed. Several small laminated veins within the unit. Foliation undulates and is gently folded. Bio and minor amp define foliation. Upper and lower contacts are sharp. Fine diss Po and Py observed thorughout.Non magnetic.			C70470	739	739.5	0.5	6.3	AGAT_FAGRA		
739.50	**740.38**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70471	739.5	739.9	0.4	5.3	AGAT_FAGRA		
Laminated QV1 vein. Laminated QVs make up most of unit. Thin stringers of bio musc and amp are between veins. Po and Py observed throughout the unit but are more abundant in the stringers of minerals than the QVs. Sharp upper and lower contacts with more massive QV1s. (host rock was GBFG but no garnets observed)			C70473	739.9	740.38	0.48	40	AGAT_FAGRA		
740.38	**741.20**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO,**	C70474	740.38	740.78	0.4	17.1	AGAT_FAGR	Yes	

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		etc						A		
		Massive light grey QV1. Sharp upper and lower contacts. Minor Po and Py pervasively. Trace biotite. Minor CPX locally. One VG spec.	C70475	740.78	741.2	0.42	12.8	AGAT_FAGR A		
741.20	**741.70**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70477	741.2	741.7	0.5	17	AGAT_FAGR A		
		Laminated QV1 vein. Laminated QVs make up most of unit. Thin stringers of bio musc and sil are between veins. Po and Py observed throughout the unit but are more abundant in the stringers of minerals than the QVs. Sharp upper and lower contacts with more massive QV1s. (host rock was GBFG but no garnets observed)								
741.70	**742.27**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70479	741.7	742	0.3	30.3	AGAT_FAGR A		
		Massive light grey QV1. Sharp upper and lower contacts. Minor Po and Py pervasively. Trace biotite. Minor CPX locally. 2 VG specs.	C70480	742	742.3	0.3	40	AGAT_FAGR A		
742.27	**743.22**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70481	742.3	742.6	0.3	31.2	AGAT_FAGR A	Yes	
		Laminated QV1 vein. Laminated QVs make up most of unit. Thin bands containing CPX and biotite between QV laminea. Po and Py observed throughout the unit but are more abundant in the stringers of minerals than the QVs. One VG spec found. Sharp upper and lower contacts with more massive QV1s. (host rock was like more MAM given the pale green colour)	C70482	742.6	742.9	0.3	17.6	AGAT_FAGR A		
			C70483	742.9	743.22	0.32	26.3	AGAT_FAGR A		
743.22	**746.22**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70484	743.22	743.52	0.3	10.4	AGAT_FAGR A		
		Massive light grey QV1. Sharp upper and lower contacts. Minor Po and Py pervasively. Laminated Qtz veins dominate the unit. Stringers of bio amp musc sil (+/-chl) between veins defining foliation. Trace sericite. Many small white veinlets with weak sericite alteration halos. One VG spec.	C70485	743.52	743.82	0.3	18.7	AGAT_FAGR A		
			C70487	743.82	744.12	0.3	24.5	AGAT_FAGR A	Yes	
			C70489	744.12	744.42	0.3	482	AGAT_FAGR A		
			C70490	744.42	744.72	0.3	13.5	AGAT_FAGR A		
			C70491	744.72	745.02	0.3	7.5	AGAT_FAGR A		
			C70493	745.02	745.32	0.3	19.5	AGAT_FAGR A		
			C70494	745.32	745.62	0.3	9.3	AGAT_FAGR A		
			C70495	745.62	745.92	0.3	10.4	AGAT_FAGR A		
			C70496	745.92	746.22	0.3	8.4	AGAT_FAGR A		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
746.22	**747.11**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	C70497	746.22	746.52	0.3	1.57	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic DIOP2. Coarse strained Amp phenocrysts observed throughout. Fine grained amp plag bio rich matrix.Sharp upper and lower contacts. Non magnetic. No sulfides observed. White and grey very fine grained material observed within the matrix of the unit.			C70499	746.52	747.11	0.59	0.044	AGAT_FAICP		
747.11	**747.38**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**	C70500	747.11	747.45	0.34	0.071	AGAT_FAICP		
Small white barren QV2. Sharp contacts. No sulfides.										
747.38	**750.77**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)**	C70501	747.45	748	0.55	0.58	AGAT_FAICP		
Fine to coarse grained strongly foliated porphyritic DIOP2. Coarse strained Amp phenocrysts observed throughout. Fine grained amp plag bio rich matrix.Sharp upper and lower contacts. Non magnetic. No sulfides observed. White and grey very fine grained material observed within the matrix of the unit.			C70502	748	749	1	0.022	AGAT_FAICP		
			C70503	749	750	1	0.028	AGAT_FAICP		
			C70504	750	750.77	0.77	0.006	AGAT_FAICP		
750.77	**751.50**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**	C70505	750.77	751.15	0.38	0.14	AGAT_FAICP		
Coarse to very coarse pink and white semi massive PEG vein. One massive Bio patch in the middle. Minor Po and Py along contacts and bio patch. Sharp irregular gently folded contacts. Non magnetic. Slightly altered upper contact. White albite crystals.			C70507	751.15	751.5	0.35	0.343	AGAT_FAICP		
751.50	**755.56**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70508	751.5	752	0.5	0.692	AGAT_FAICP		
Fine to coarse grained moderately foliated strongly banded FGS. Bio and amp unevenly distributed throughout in bands. Fine diss trace Po and Py. Sharp upper contact. Short gradual lower contact. Non magnetic.			C70509	752	752.5	0.5	0.498	AGAT_FAICP		
			C70510	752.5	753	0.5	0.245	AGAT_FAICP		
			C70511	753	753.5	0.5	0.422	AGAT_FAICP		
			C70513	753.5	753.85	0.35	0.466	AGAT_FAICP		
			C70514	753.85	754.37	0.52	0.317	AGAT_FAICP		
			C70515	754.37	755	0.63	0.304	AGAT_FAICP		
			C70516	755	755.56	0.56	0.66	AGAT_FAICP		
755.56	**758.17**	**(AMP) Amphibolite, ( )**	C70517	755.56	756.15	0.59	1.08	AGAT_FAICP		
Fine to medium grained moderately foliated strongly altered AMP. Depletion halos around small amp crystals observed within bands. Pinkish grey and light green colour suggest MAM like unit but no obvious veining. Minor fine diss Po and Py throughout. More Po than Py. Many small white veinlets with weak bleached alteration halos. Irregular patches of CPX			C70519	756.15	756.67	0.52	1	AGAT_FAICP		
			C70520	756.67	757.15	0.48	1.35	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
observed locally. Non magnetic. Sharp lower contact. Short upper contact.			C70521	757.15	757.65	0.5	1.16	AGAT_FAICP		
			C70522	757.65	758.17	0.52	1.83	AGAT_FAICP		
758.17	**758.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C70523	758.17	758.95	0.78	0.125	AGAT_FAICP		
Fine grained dark grey magnetic carbonate rich LAMP dyke. Sharp immediate upper and lower contacts. No sulfides. Weakly magnetic. White carbonate spots observed throughout. Small xenoliths observed unevenly distributed in bands.										
758.95	**762.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70524	758.95	760	1.05	0.302	AGAT_FAICP		
Fine to coarse grained moderately foliated altered grey FGS. Most of the unit is strongly altered as a result of several generations of qtz carb veining. Two 1cm wide carb veins are parallel to eachother and discordant to foliation. Many small white qtz carb veinlets observed with strong bleached and light green alteration halos. Non magnetic. Lower contact is shallow and shows boudinage or gentle F2 folding. Sharp upper contact. Locally patches with increased Amp are observed. Minor fine diss Py pervasively. Mainly qtz plag and bio matrix.			C70525	760	761	1	0.264	AGAT_FAICP		
			C70527	761	762	1	0.496	AGAT_FAICP		
762.00	**762.47**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Fine grained massive white QV2. Minor green/pink/white feldspars observed withinOne of several small portions of a larger folded QV2 vein observed down hole. Small portions of the surrounding host rock observed locally within the vein. Minor fine diss and aggregates of Py and Po throughout.										
762.47	**762.67**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70528	762	763	1	0.13	AGAT_FAICP		
Medium to coarse grained weakly foliated altered grey FGS. One of several small sections of FGS between a folded QV2. Minor fine diss and aggregates of Py and Po throughout. Strongly altered as a result of several generations of qtz carb veining. Non magnetic. Weak Qtz eye texture locally.										
762.67	**763.00**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein**								
Fine grained massive white QV2. Minor green/pink/white feldspars observed within. One of several small portions of a larger folded QV2 vein observed down hole. Minor fine diss and aggregates of Py and Po throughout.										
763.00	**763.05**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
Medium to coarse grained weakly foliated altered grey FGS. One of several small sections of FGS between a folded QV2. Minor fine diss and aggregates of Py and Po throughout. Strongly altered as a result of several generations of qtz carb veining. Non magnetic. Weak Qtz eye texture locally.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
763.05	**763.25**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Fine grained massive white QV2. Minor green/pink/white feldspars observed within. One of several small portions of a larger folded QV2 vein. This portion is the fold nose. Minor fine diss and aggregates of Py and Po throughout.								
763.25	**763.56**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained weakly foliated altered grey FGS. One of several small sections of FGS between a folded QV2. Minor fine diss and aggregates of Py and Po throughout. Strongly altered as a result of several generations of qtz carb veining. Non magnetic. Weak Qtz eye texture locally. Foliation within this unit is folded as result of the folded or boundinaged QV2.	C70529	763	763.56	0.56	0.255	AGAT_FAICP		
763.56	**763.90**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Fine grained massive white QV2. Minor green/pink/white feldspars observed within. One of several small portions of a larger folded QV2 vein observed up hole. Minor fine diss and aggregates of Py and Po throughout.	C70530	763.56	764	0.44	0.043	AGAT_FAICP		
763.90	**764.20**	**(FGS) Felsic Gneiss Sedimentary, ( )** Medium to coarse grained weakly foliated altered grey FGS. One of several small sections of FGS between a folded QV2. Minor fine diss and aggregates of Py and Po throughout. Strongly altered as a result of several generations of qtz carb veining. Non magnetic. Weak Qtz eye texture locally.								
764.20	**764.58**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Fine grained massive white QV2. Minor green/pink/white feldspars observed within. One of several small portions of a larger folded QV2 vein observed up hole. Minor fine diss and aggregates of Py and Po throughout.	C70531	764	764.65	0.65	0.087	AGAT_FAICP		
764.58	**767.54**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained weakly foliated weakly altered grey FGS. Minor fine diss and aggregates of Py and Po throughout. Weakly altered as a result of several generations of qtz carb veining. Non magnetic. Weak Qtz eye texture locally. Sharp uper and lower contacts with QVs. Lower contact gradually increases coarse Amp aggreates with strong depletion halos. Increased Po observed with Amp increased Amp content. Minor biotite.	C70533 C70534 C70535	764.65 765.6 766.6	765.6 766.6 767.54	0.95 1 0.94	0.353 0.658 0.394	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
767.54	**768.10**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO,**	C70536	767.54	768.1	0.56	0.181	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		etc Large fine grained massive white potentially QV1 vein. Ample amp Po and Py observed within QV. Upper and lower contacts are short undulating low angle biotite sulfide rich sharp contacts.								
768.10	**768.70**	**(AMP) Amphibolite, ( )** Fine to coarse grained weakly foliated weakly altered grey and green AMP. Minor fine diss and aggregates of Py and Po throughout. Weakly altered as a result of several generations of qtz carb veining. Non magnetic. Strongly banded as coarse Amp crystals with strong depletions form bands devoid of amp or bio. Sharp uper contact. Gradual low angle lower contact. Similar to the lower section of the previous FSG unit.	C70537	768.1	768.7	0.6	1.22	AGAT_FAICP		
768.70	**769.40**	**(AMP) Amphibolite, ( )** Fine to medium grained moderately foliated green and grey sulfide rich AMP. Amp plag qtz bio make up the equigranular matrix. Fine diss Po and Py throughout. Short gradual upper and lower contacts. Non magnetic.	C70539	768.7	769.4	0.7	2.05	AGAT_FAICP		
769.40	**782.40**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained weakly foliated weakly altered grey FGS. Minor fine diss and aggregates of Py and Po throughout. Weakly altered as a result of several generations of qtz carb veining. Non magnetic. Strong Qtz eye texture locally. Short gradual upper and lower contacts. Small amp and cpx rich patches/bands observed rarely. Foliation is parallel to core axis. One small QV vein at 779.5m.	C70540	769.4	770	0.6	0.782	AGAT_FAICP		
			C70541	770	771	1	0.551	AGAT_FAICP		
			C70542	771	772	1	0.818	AGAT_FAICP		
			C70543	772	773	1	1.3	AGAT_FAICP		
			C70544	773	774	1	0.675	AGAT_FAICP		
			C70545	774	775	1	0.598	AGAT_FAICP		
			C70547	775	776	1	0.304	AGAT_FAICP		
			C70548	776	777	1	0.209	AGAT_FAICP		
			C70549	777	778	1	0.512	AGAT_FAICP		
			C70550	778	779	1	0.92	AGAT_FAICP		
			C70551	779	780	1	0.771	AGAT_FAICP		
			C70553	780	781	1	1.42	AGAT_FAICP		
			C70554	781	782	1	2.76	AGAT_FAICP		
			C70555	782	782.4	0.4	0.815	AGAT_FAICP		
782.40	**783.30**	**(QV, AMP) Quartz Vein, Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Small low angle potentially high grade QV1 vein within a small section of AMP. Amp is banded and contains trace cpx. Po and to a lesser amount Py is observed throughout as fine to medium crystals and coarse aggregates within the AMP portion and QV. QV is boundinaged with obvious pintching and swelling. QV is observed in lower FGS unit.	C70556	782.4	783.3	0.9	0.75	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
783.30	**788.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to medium grained moderately foliated grey FGS. Minor fine diss Po and lesser Py throughout. Non magnetic. Weak Qtz eye texture locally and moderate banding pervasively as depletion halos and composition varies. Short gradual compositional upper and lower contacts. More amp content than tpyical hanging wall FGS. Depletion halos observed forming bands. Matrix is mainly plag and qtz. One small potentially QV1 at 784.45m.	C70557	783.3	784	0.7	0.642	AGAT_FAICP		
			C70559	784	784.5	0.5	0.373	AGAT_FAICP		
			C70560	784.5	785	0.5	1.29	AGAT_FAICP		
			C70561	785	786	1	1.81	AGAT_FAICP		
			C70562	786	787	1	1.03	AGAT_FAICP		
			C70563	787	788	1	0.485	AGAT_FAICP		
			C70564	788	788.6	0.6	0.817	AGAT_FAICP		
788.60	**789.40**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite** Fine to coarse grained moderately foliated banded AMP. Locally pinkish green amp and cpx rich bands resemble MAM with little to no qtz flooding/veining. Upper and lower contacts are gradual with abundant coarse rounded Amp crystals with strong depletion halos. Minor Po aggregates throughout. Trace Py. Non magnetic.	C70565	788.6	789.4	0.8	0.592	AGAT_FAICP		
789.40	**794.14**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine to coarse grained moderately foliated grey FGS. Minor fine diss Po and lesser Py throughout. Non magnetic. Weak Qtz eye texture locally and moderate banding pervasively as depletion halos and composition varies. Short gradual compositional upper and lower contacts. More amp content than tpyical hanging wall FGS. Depletion halos observed forming bands. Matrix is mainly plag and qtz. One diffuse QF vien at 791m.	C70567	789.4	790	0.6	0.075	AGAT_FAICP		
			C70568	790	791	1	0.401	AGAT_FAICP		
			C70569	791	792	1	0.254	AGAT_FAICP		
			C70570	792	793	1	0.138	AGAT_FAICP		
			C70571	793	794.14	1.14	0.179	AGAT_FAICP		
794.14	**794.68**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite** Fine to medium grained moderately foliated banded AMP. Locally pinkish green amp and cpx rich bands resemble MAM with little to no qtz flooding/veining. Upper and lower contacts are gradual with abundant coarse rounded Amp crystals with strong depletion halos. Minor medium grained diss Po throughout. Trace Py. Non magnetic.	C70573	794.14	794.68	0.54	0.677	AGAT_FAICP		
794.68	**794.90**	**(FGS) Felsic Gneiss Sedimentary, ( )** Short section of fine to medium grained moderately foliated grey FGS. Minor fine diss Po and lesser Py throughout. Non magnetic. Weak Qtz eye texture locally and moderate banding pervasively as depletion halos and composition varies. Short gradual compositional upper and lower contacts. More amp content than tpyical hanging wall FGS. Depletion halos observed forming bands. Matrix is mainly plag and qtz.								
794.90	**795.23**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite**								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained moderately foliated banded AMP. Locally pinkish green amp and cpx rich bands resemble MAM with little to no qtz flooding/veining. Upper and lower contacts are gradual with abundant coarse rounded Amp crystals with strong depletion halos. Minor fine diss Po throughout. Trace Py. Non magnetic.	C70574	794.68	795.23	0.55	0.865	AGAT_FAICP		
795.23	**797.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70575	795.23	796	0.77	0.115	AGAT_FAICP		
		Fine to medium grained moderately foliated grey FGS. Minor fine diss Po and lesser Py throughout. Non magnetic. Weak Qtz eye texture locally and moderate banding pervasively as depletion halos and composition varies. Short gradual compositional upper and lower contacts. More amp content than tpyical hanging wall FGS. Depletion halos observed forming bands. Matrix is mainly plag and qtz.	C70576	796	797	1	0.067	AGAT_FAICP		
			C70577	797	797.8	0.8	0.079	AGAT_FAICP		
797.80	**799.27**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite**	C70579	797.8	798.5	0.7	1.4	AGAT_FAICP		
		Fine to coarse grained moderately foliated banded AMP. Locally pinkish green amp and cpx rich bands resemble MAM with little to no qtz flooding/veining. Upper and lower contacts are gradual with abundant coarse rounded Amp crystals with strong depletion halos. Minor Po aggregates throughout. Trace Py. Non magnetic.	C70580	798.5	799.27	0.77	0.248	AGAT_FAICP		
799.27	**817.28**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70581	799.27	800	0.73	0.15	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite and amp rich FGS. Amp and bio make up roughly 30% of the mainly plag and qtz matrix. Equigranular and homogenous. Rare Amp patches observed. Small fine Amp cyrstals observed with small depletion halos throughout. Minor fine diss Po. No Py observed. Many small white veinlets with weak bleached alteration halos.	C70582	800	801	1	0.112	AGAT_FAICP		
			C70583	801	802	1	0.424	AGAT_FAICP		
			C70584	802	803	1	0.347	AGAT_FAICP		
			C70585	803	804	1	0.316	AGAT_FAICP		
			C70587	804	805	1	0.371	AGAT_FAICP		
			C70588	805	806	1	0.658	AGAT_FAICP		
			C70589	806	807	1	0.392	AGAT_FAICP		
			C70590	807	808	1	0.606	AGAT_FAICP		
			C70591	808	809	1	0.696	AGAT_FAICP		
			C70593	809	810	1	0.827	AGAT_FAICP		
			C70594	810	811	1	0.431	AGAT_FAICP		
			C70595	811	812	1	0.369	AGAT_FAICP		
			C70596	812	813	1	2.21	AGAT_FAICP		
			C70597	813	814	1	0.973	AGAT_FAICP		
			C70599	814	815	1	0.1	AGAT_FAICP		
			C70600	815	816	1	0.484	AGAT_FAICP		
			C70601	816	817.28	1.28	0.588	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
817.28	**821.43**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C70602	817.28	818	0.72	0.055	AGAT_FAICP		
Fine grained dark grey magnetic carbonate rich LAMP dyke. Sharp immediate upper and lower contacts. No sulfides. Strongly magnetic. White carbonate spots observed throughout. Smal and large xenoliths observed unevenly distributed in bands.			C70603	818	819.5	1.5	0.0005	AGAT_FAICP		
			C70604	819.5	821	1.5	0.001	AGAT_FAICP		
			C70605	821	821.43	0.43	0.576	AGAT_FAICP		
821.43	**827.85**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70607	821.43	822	0.57	0.076	AGAT_FAICP		
Fine to medium grained moderately foliated biotite and amp rich FGS. Amp and bio make up roughly 30% of the mainly plag and qtz matrix. Equigranular and homogenous. Rare Amp patches observed. Small fine Amp cyrstals observed with small depletion halos throughout. Minor fine diss Po. No Py observed. Many small white veinlets with weak bleached alteration halos.			C70608	822	823	1	0.098	AGAT_FAICP		
			C70609	823	824	1	0.137	AGAT_FAICP		
			C70610	824	825	1	0.273	AGAT_FAICP		
			C70611	825	826	1	0.277	AGAT_FAICP		
			C70613	826	827	1	0.353	AGAT_FAICP		
			C70614	827	827.85	0.85	0.356	AGAT_FAICP		
827.85	**829.65**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C70615	827.85	829	1.15	0.164	AGAT_FAICP		
Fine grained dark grey magnetic carbonate rich LAMP dyke. Sharp immediate upper and lower contacts. No sulfides. Strongly magnetic. White carbonate spots observed throughout. Smal and large xenoliths observed unevenly distributed in bands.			C70616	829	829.65	0.65	0.144	AGAT_FAICP		
829.65	**859.66**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70617	829.65	831	1.35	0.273	AGAT_FAICP		
Fine to medium grained moderately foliated biotite and amp rich FGS. Amp and bio make up roughly 25% of the mainly plag and qtz matrix. Equigranular and homogenous. Rare Amp patches observed. Small fine to medium Amp cyrstals observed with small depletion halos forming bands throughout. Minor fine diss Po. No Py observed. Many small white veinlets with weak bleached alteration halos. Few medium sized white QVs.			C70619	831	832	1	0.197	AGAT_FAICP		
			C70620	832	833	1	1.6	AGAT_FAICP		
			C70621	833	834	1	0.194	AGAT_FAICP		
			C70622	834	835	1	0.217	AGAT_FAICP		
			C70623	835	836	1	0.39	AGAT_FAICP		
			C70624	836	837	1	0.212	AGAT_FAICP		
			C70625	837	838	1	0.066	AGAT_FAICP		
			C70627	838	839	1	0.036	AGAT_FAICP		
			C70628	839	840	1	0.068	AGAT_FAICP		
			C70629	840	841	1	0.081	AGAT_FAICP		
			C70630	841	842	1	0.089	AGAT_FAICP		
			C70631	842	843	1	0.066	AGAT_FAICP		
			C70633	843	844	1	0.052	AGAT_FAICP		
			C70634	844	845	1	0.166	AGAT_FAICP		
			C70635	845	846	1	0.13	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C70636	846	847	1	0.157	AGAT_FAICP		
			C70637	847	847.74	0.74	0.267	AGAT_FAICP		
			C70639	847.74	848.1	0.36	0.17	AGAT_FAICP		
			C70640	848.1	849	0.9	0.271	AGAT_FAICP		
			C70641	849	850	1	0.297	AGAT_FAICP		
			C70642	850	851	1	0.163	AGAT_FAICP		
			C70643	851	852	1	0.213	AGAT_FAICP		
			C70644	852	853	1	0.245	AGAT_FAICP		
			C70645	853	854	1	0.482	AGAT_FAICP		
			C70647	854	855	1	0.496	AGAT_FAICP		
			C70648	855	856	1	0.406	AGAT_FAICP		
			C70649	856	857	1	0.325	AGAT_FAICP		
			C70650	857	858	1	0.326	AGAT_FAICP		
			C70651	858	859	1	0.478	AGAT_FAICP		
			C70653	859	859.66	0.66	0.785	AGAT_FAICP		
859.66	**861.65**	**(DIA) Diabase Dike, ( )** Very fine grained DIABASE dyke. No suulfides. Magnetic. Few small white thin veinlets. Broken core at 861m. Sharp immediate upper and lower contacts.	C70654	859.66	860.5	0.84	0.01	AGAT_FAICP		
			C70655	860.5	861.65	1.15	0.011	AGAT_FAICP		
861.65	**870.55**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Fine to medium grained moderately foliated banded biotite and amp rich FGS. Amp and bio make up roughly 25% of the mainly plag and qtz matrix. Compositionally banded locally where small Amp bands are observed. Small fine to medium Amp cyrstals observed with small depletion halos forming bands throughout. Minor fine diss Po. No Py observed. Many small white veinlets with weak bleached alteration halos.	C70656	861.65	863	1.35	0.236	AGAT_FAICP		
			C70657	863	864	1	0.815	AGAT_FAICP		
			C70659	864	865	1	0.753	AGAT_FAICP		
			C70660	865	866	1	0.068	AGAT_FAICP		
			C70661	866	867	1	0.062	AGAT_FAICP		
			C70662	867	868	1	0.185	AGAT_FAICP		
			C70663	868	869	1	0.118	AGAT_FAICP		
			C70664	869	870	1	0.079	AGAT_FAICP		
			C70665	870	870.55	0.55	0.076	AGAT_FAICP		
870.55	**871.09**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Fine to medium grained moderately foliated bio rich homogenous intermediate AMP. Sharp upper and lower contacts. Minor variance in bio content throughout. Fine diss Po. One small carb veinlet with a bleached halo.	C70667	870.55	871.09	0.54	0.086	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
871.09	**873.80**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** Fine to coarse grained moderately foliated patchy and banded FW AMP. CPX observed locally in patches. Compositionally banded as Amp content varies from 90% to 50% locally. Gradual lower contact. Sharp upper contact. Moderately magnetic. Medium amp cyrstals with strong depletion halos observed in the more felsic bands. Large aggregates of Po observed within the more mafic bands. Pervasive diss Po. No Py observed.	C70668	871.09	872	0.91	0.209	AGAT_FAICP		
			C70669	872	873	1	0.105	AGAT_FAICP		
			C70670	873	873.8	0.8	0.037	AGAT_FAICP		
873.80	**874.19**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite** Fine to medium grained moderately foliated banded AMP. Locally pinkish green amp and cpx rich bands resemble MAM with little to no qtz flooding/veining. Upper and lower contacts are sharp. Coarse rounded Amp crystals with strong depletion halos. Minor medium grained diss Po throughout. Py. Magnetic.	C70671	873.8	874.19	0.39	0.124	AGAT_FAICP		
874.19	**874.74**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Semi massive Po veins. Minor qtz veining. Strongly magnetic.	C70673	874.19	874.74	0.55	0.397	AGAT_FAICP		
874.74	**876.23**	**(AMP) Amphibolite, (MAM) Mottled Amphibolite** Fine to medium grained moderately foliated banded AMP. Locally pinkish green amp and cpx rich bands resemble MAM with little to no qtz flooding/veining. Upper and lower contacts are sharp. Coarse rounded Amp crystals with strong depletion halos. Minor medium grained diss Po throughout. Py. Magnetic. Small QV similar to the one above with massive Po at 876	C70674	874.74	875.1	0.36	0.097	AGAT_FAICP		
			C70675	875.1	875.6	0.5	0.13	AGAT_FAICP		
			C70676	875.6	876.23	0.63	0.124	AGAT_FAICP		
876.23	**878.15**	**(FGS) Felsic Gneiss Sedimentary, ( )** Fine grained FGS with thin QV2 veins crosscutting the unit at shallow to moderate angles to core axis. Very low sulphide with pyrrhotite as the dominate variety Po 85 / Py 15. Background amphibole content varies from 1-3% with occasional massive amphibole specimen often surrounding by depletion halos. Foliation fabric is moderate to strong with a shallow to moderate angle to core axis and is often lightly to moderately disturbed by passive F2 folding. Short DIONS contained within unit from 877.13-877.36 with an upper contact of a20/b127.	C70677	876.23	877.36	1.13	0.057	AGAT_FAICP		
			C70679	877.36	878.15	0.79	0.029	AGAT_FAICP		
878.15	**878.70**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass** First appearance is similar to DIONS but majority of phenocrysts are quartz. Diorite unit contains poorly formed qtz phenocrysts ranging from 0.1-0.5 cms. Majority of phenocrysts are sub rounded. Low sulphide content with pyrrhotite as the main constiuent Po 90/ Py 10. Minor QV2 flooding/veining with no increase in sulphide content. Weak amphibole background content throughout.	C70680	878.15	878.7	0.55	0.018	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
878.70	**909.30**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** FGS contains weak to moderate background amphibole content ranging from 1-8% with numerous massive amphiboles within depletion halos. Sulphide content is moderately low with pyrrhotite as the main constiuent Po 85 / Py 15. Sulphides are maily disseminated with the occasional patchy aggregate up to 1.0cm3. Biotite content is variable throughout unit ranging from 10-16%. Weak to strong potassic alteration via dissemination and in proximity to thin 1-2cm UMDs. Foliation fabric is moderate throughout and often disturbed by shallow passive F2 folding. Unit contains numerous thin QV2's as well as larger QV2's that run parallel to core axis up to 25cms but do not exhibit an increase in sulphide content. Weak to moderate sericitic alteraiton via veinlets and stringers. UMD-Lamprophyre contained from 882.90-883.14 with an upper contact of a16/b275	C70681	878.7	880.08	1.38	0.005	AGAT_FAICP		
			C70682	880.08	881	0.92	0.007	AGAT_FAICP		
			C70683	881	882.32	1.32	0.011	AGAT_FAICP		
			C70684	882.32	882.9	0.58	0.008	AGAT_FAICP		
			C70685	882.9	884.4	1.5	0.007	AGAT_FAICP		
			C70687	884.4	885.63	1.23	0.014	AGAT_FAICP		
			C70688	885.63	887	1.37	0.029	AGAT_FAICP		
			C70689	887	887.8	0.8	0.01	AGAT_FAICP		
			C70690	887.8	888.8	1	0.012	AGAT_FAICP		
			C70691	888.8	890	1.2	0.009	AGAT_FAICP		
			C70693	890	891.3	1.3	0.009	AGAT_FAICP		
			C70694	891.3	892.04	0.74	0.005	AGAT_FAICP		
			C70695	892.04	893.3	1.26	0.02	AGAT_FAICP		
			C70696	893.3	894.35	1.05	0.017	AGAT_FAICP		
			C70697	894.35	895.8	1.45	0.011	AGAT_FAICP		
			C70699	895.8	897.22	1.42	0.023	AGAT_FAICP		
			C70700	897.22	898.25	1.03	0.012	AGAT_FAICP		
			C70701	898.25	899.6	1.35	0.011	AGAT_FAICP		
			C70702	899.6	900.6	1	0.006	AGAT_FAICP		
			C70703	900.6	901.42	0.82	0.02	AGAT_FAICP		
			C70704	901.42	902.7	1.28	0.026	AGAT_FAICP		
			C70705	902.7	904.05	1.35	0.08	AGAT_FAICP		
			C70707	904.05	905.45	1.4	0.048	AGAT_FAICP		
			C70708	905.45	906	0.55	0.076	AGAT_FAICP		
			C70709	906	906.58	0.58	0.033	AGAT_FAICP		
			C70710	906.58	907.35	0.77	0.043	AGAT_FAICP		
			C70711	907.35	908	0.65	0.008	AGAT_FAICP		
			C70713	908	909.3	1.3	0.016	AGAT_FAICP		
909.30	**909.90**	**(QV) Quartz Vein, (QZVT2) Massive quartz vein** Massive barren QV2 with fine to medium grained green plagioclase species. Beryl present (aquamarine) but extremely limited. Minor patchy pyrrhotite content. Weak to moderate chloritic alteration via dissemination. Moderate crack and seal texture at moderate angle to core axis - vertical in section.	C70714	909.3	909.9	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
909.90	**920.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70715	909.9	910.95	1.05	0.005	AGAT_FAICP		
FGS contains weak background amphibole content ranging from 1-4% with several massive amphiboles within depletion halos. Sulphide content is moderately low with pyrrhotite as the main constiuent Po 85 / Py 15. Sulphides are maily disseminated with the occasional patchy aggregate up to 1.0cm3. Biotite content is variable throughout unit ranging from 10-16%. Foliation fabric is moderate throughout and often disturbed by shallow passive F2 folding. Unit contains numerous thin QV2's but do not exhibit an increase in sulphide content. Weak to moderate sericitic alteraiton via veinlets and stringers. Quartz veins contain crack and seal textures running at moderate angle to core axis/vertical in section. EOH=920.00		C70716	910.95	911.78	0.83	0.008	AGAT_FAICP		
			C70717	911.78	912.92	1.14	0.002	AGAT_FAICP		
			C70719	912.92	914	1.08	0.007	AGAT_FAICP		
			C70720	914	914.9	0.9	0.011	AGAT_FAICP		
			C70721	914.9	916.17	1.27	0.01	AGAT_FAICP		
			C70722	916.17	917	0.83	0.011	AGAT_FAICP		
			C70723	917	917.55	0.55	0.013	AGAT_FAICP		
			C70724	917.55	918.6	1.05	0.024	AGAT_FAICP		
			C70725	918.6	919.19	0.59	0.014	AGAT_FAICP		
			C70727	919.19	919.65	0.46	0.024	AGAT_FAICP		
			C70728	919.65	920	0.35	0.011	AGAT_FAICP		EOH=920.00m

Newmont

Geological Description with Assays

Hole ID : **BL19-01099**
Project : Borden

Drilling Details :		*Location Details :*		*Logging Details :*	
Azimuth :	14.369	Easting :	333400.18	Logged By :	Daniel.Rafuse
Dip :	-78.637	Northing :	5302756.89	Logged By 2 :	Tyler.Compton
Length :	906	Elevation :	434.084	Log Start :	7-Jan-2020
Drill Start :	16-Nov-2019	UTM Grid :	NAD83_UTMZ17N_DGPS	Log Completed :	9-Jan-2020
Drill Completed :	30-Nov-2019	Township :	Borden	Re-Logged By :	
Core Size :	NQ	Storage Location :	Chapleau Ont	Re-Log Start :	
Drill Company :	Major			Re-Log Completed :	
Oriented Core	No				

Comments :

Infill of BL19-01070 and BL19-01093. Target is up dip of mineralization. Logged from 0 to 420m by Dan R.; from 420 to 576m by Tyler C.; from 576m to EOH by William G. 780-783m run is actually shorter (2.53m) after switching to 3m core barrel. Depths not corrected during logging. Sample C70876 is actually 71cm long rather than 1.07m. Mineralized zones: upper low mineralized zone (653-669m: FGG; minor MAM; minor QV1); upper moderate zone (681-714m: FGG; GBFG; minor QV1); main zone (776-796m: GBFG; QV1-VG; x11 specks).

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	**18.74**	**(OB) Overburden, ( )** 18.6m of casing. Mixed clasts of FGS/Amphibolite/QFP								
18.74	**19.09**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is very fine grained. Weak foliation fabric. Very low sulphide content with both pyrite and pyrrhotite present.								
19.09	**22.76**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP contains fine to medium grained qtz/k-spar porphyroclasts with the majority exhibiting sub rounded morphology. Background amphibole content varies throughout unit with occasional large band/pod of amphibolite. Could be a welded dacitic tuff with amphibolite/cpx bombs/lapilli. Very low sulphide content. Unit exhibits strong foliation fabric but lacks lineation. Moderate to strong potassic/sericitic alteraiton via dissemination.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

22.76 23.74 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Qtz 40 K-Spar 45 Bio 5 Amp 3. K-spar dominated pegmatite. Occasional massive amphibole specimen present. Very low sulphide content. Patches of large biotite. Patch of amphibole in centre of unit.

23.74 31.44 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains weak to moderate foliation fabric but lacks any indication of lineation. Very low sulphide content with pyrite as the dominate variety. Moderate to strong sericitic/potassic alteration via dissemination/halos/stringers. Occasional short barren QV2. Some patches exhibit an increase in silicic alteration.

31.44 31.74 (QFP) Quartz Feldspar Porphyry, ( )

Short QFP exhibiting moderate to strong foliation fabric. Lineation hard to distinguish. Very low sulphide content with pyrite as the dominate variety. Weak to moderate potassic alteration via selection of quartz/feld specimens.

31.74 76.14 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains weak to moderate foliation fabric but lacks any indication of lineation. Low sulphide content overall with pyrite as the dominate variety. One large example of pyrite contained at 42.30 within a short QV2 with massive amphiboles. Moderate to strong sericitic/potassic alteration via dissemination/halos/stringers. Background amphibole content varies throughout unit ranging from 0.5-4.0% with large blobs/bands/massive examples observable. Occasional short barren QV2. Some patches exhibit an increase in silicic alteration.

76.14 78.34 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD-Lamp. Very fine grained carbonate amygdules. Thin carbonate veins cross cut the unit at various angles to core axis. Strong biotite content. Lower chill zone present.

78.34 85.16 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS contains a moderate dioritic fabric due to medium grained sub rounded quartz eyes which are more apparent in areas with potassic alteration. Low sulphide content with pyrite as the dominate variety. Background amphibole content varies from 0.5-5.0% with occasional large/massive specimens present. Unit is likely volcano-sedimentary package comprising mainly of a welded dacitic tuff with amp/cpx lapilli/bombs throughout. Moderate to strong potassic alteration via dissemination and halos.

85.16 86.38 (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)

Qtz 50 KSpar 35 Bio 6 Amp 2. Pegmatite contains several massive amphiboles. Low sulphide content but a few fine grained pyrite examples are present. Medium grained biotite books.

86.38 91.15 (FGS) Felsic Gneiss Sedimentary, ( )

Coarse grained FGS contains a moderate dioritic fabric due to medium grained sub rounded quartz eyes which are more apparent in areas with potassic alteration. Low sulphide content with pyrite as the dominate variety. Background amphibole content varies from 0.5-5.0% with occasional large/massive specimens present. Unit is likely volcano-sedimentary package comprising mainly of a welded dacitic tuff with amp/cpx lapilli/bombs throughout. Moderate to strong potassic alteration via dissemination and halos. Short pegmatites are contained throughout unit but are barren.

91.15 91.48 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 65 KSpar 25 Bio 6. Very low sulphide content. Moderate potassic alteration via dissemination

91.48 109.90 (FGS) Felsic Gneiss Sedimentary, ( )

Unit contains variable background amphibole content ranging from 0.5-6.0% with larger examples of amphibole and cpx reaching up to 10cms. Weak to moderate dioritic fabric throughout. Numerous short barren pegmatites contained within unit. Sulphide content is low with pyrite as the dominant species Py 95 / Po 5. Majority of sulphides are disseminated with a couple small patches/aggregates. Unit protolith may be a rhyolitic-dacitic meta crystal tuff with mafic lapilli and bombs. Weak to moderate potassic alteration via dissemination/stringers/halos.

109.90 110.36 (AMP) Amphibolite, ( )

Short amphibolite is dominated by amphiboles in the upper half of unit with the lower half being mainly comprised of cpx. Background felsic content is fairly consistent with a concentration of 8%. Moderate potassic alteration via veinlets. Unit is barren.

110.36 116.02 (FGS) Felsic Gneiss Sedimentary, ( )

Unit contains variable background amphibole content ranging from 0.5-6.0% with larger examples of amphibole and cpx reaching up to 4cms. Amphibole content weakens downhole. Weak to moderate dioritic fabric throughout. Numerous short barren pegmatites contained within unit. Sulphide content is low with pyrite as the dominant species Py 95 / Po 5. Majority of sulphides are disseminated with a couple small patches/aggregates. One short QV2 contained from 112.82-113.09ms (see veining tab). Unit protolith may be a rhyolitic-dacitic meta crystal tuff with mafic lapilli and bombs. Weak to moderate potassic alteration via dissemination/stringers/halos.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

116.02 116.56 (QV) Quartz Vein, (QZVT2) Massive quartz vein

QV2 contains fine grained patchy pyrite. A few fine grained aggregates of amphibole up to 1.5cms observable. Weak to moderate potassic alteration via selection of feldspar and dissemination. Feldspars are poorly formed and exhibit a smeared morphology (partial melt?).

116.56 136.93 (FGS) Felsic Gneiss Sedimentary, ( )

Unit contains variable background amphibole content ranging from 0.5-4.0% with larger examples of amphibole and cpx reaching up to 10cms. Weak to moderate dioritic fabric throughout. Numerous short barren pegmatites contained within unit. Sulphide content is low with pyrite as the dominant species Py 95 / Po 5. Sulphide content is low. Majority of sulphides are disseminated with a couple small patches/aggregates. Unit protolith may be a rhyolitic-dacitic meta crystal tuff with mafic lapilli and bombs. Weak to moderate potassic alteration via dissemination/stringers/halos.

136.93 137.31 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

UMD-lamprophyre with fine grained carbonate amygdules and carbonate xenoliths. Upper and lower chill margins present. Moderate biotite content

137.31 139.10 (AMP) Amphibolite, ( )

Amphibolite contains a weak to moderate felsic background throughout 3-4%. Very low sulphide content. Minor F1 folds in mid portion of unit. Unit contains a weak to moderate foliation fabric throughout. Weak to moderate potassic alteration via small pegmatitic veinlets.

139.10 142.60 (FGS) Felsic Gneiss Sedimentary, ( )

Unit contains variable background amphibole content ranging from 0.5-6.0% with larger examples of amphibole and cpx reaching up to 2 cms. Weak to moderate dioritic fabric throughout. Numerous short barren pegmatites contained within unit. Sulphide content is low with pyrite as the dominant species Py 95 / Po 5. Majority of sulphides are disseminated with a couple small patches/aggregates. Unit protolith may be a rhyolitic-dacitic meta crystal tuff with mafic lapilli and bombs. Weak to moderate potassic alteration via dissemination/stringers/halos.

142.60 143.00 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Kspar 50% Qtz 40% Bio 3%. Kspar dominated pegmatite. Very low sulphide content with a few fine grained patches of pyrite.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

143.00 161.62 (FGS) Felsic Gneiss Sedimentary, ( )

Unit contains variable background amphibole content ranging from 0.5-6.0% with larger examples of amphibole and cpx reaching up to 3 cms. Moderate dioritic fabric throughout. Numerous short barren pegmatites contained within unit. Sulphide content is low with pyrite as the dominant species Py 95 / Po 5. Majority of sulphides are disseminated with a couple small patches/aggregates and one large one contained at 152.50ms. Unit protolith may be a rhyolitic-dacitic meta crystal tuff with mafic lapilli and bombs. Weak to moderate potassic alteration via dissemination/stringers/halos. Potential faults present at 147.00 and 151.70-154.00m with thin healed breccia/strong disseminated potassic alteration/slickenlines

161.62 162.08 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

K-Spar 45% Qtz 35 Bio 8 %. K-Spar dominated pegmatite. Very low sulphide content with the occasional patchy pyrite. Moderate to strong potassic alteration via dissemination and selection of feldspar crystals

162.08 162.70 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Uint is a combination of AMPIN/FGS/PEG with the majority being amphibolite. Fine to medium grained pegmatitic upper 15cm of unit. Lower 35 cms is comprised of amphiboles and kspar/qtz rich felsic background content. Very low sulphide content. Converging foliation within unit likely due to pegmatite at upper contact and UMD at lower contact. Moderate potassic alteration via dissemination.

162.70 163.63 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre contains fine grained carbonate amygdules and xenoliths. Thin carbonate veins crosscut the unit. Upper and lower chill margins present.

163.63 164.30 (AMP) Amphibolite, ( )

Strong seritic/potassic alteration via dissemination/stringers. Strong cpx present in lower 30 cm. Minor epidote presence at lower contact. Very low sulphide contact

164.30 166.03 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)

Kspar 45 Qtz 40 Bio 3. Short QV2 contained from 165.10-165.30m which is barren. Very low sulphide overall with the occasional pyrite. Minor amphibole content due to fine grained amphibole specimens.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

166.03 167.43 (FGS) Felsic Gneiss Sedimentary, ( )

Unit contains variable background amphibole content ranging from 0.5-2.5% with larger examples of amphibole and cpx reaching up to 1 cm. Moderate to strong dioritic fabric throughout expressed by fine to medium grained sub rounded quartz phenocrysts which are poorly formed. Sulphide content is low with pyrite as the dominant species Py 95 / Po 5. Majority of sulphides are disseminated with a couple small patches/aggregates. Unit protolith may be a rhyolitic-dacitic meta crystal tuff with mafic lapilli. Weak to moderate potassic alteration via dissemination/stringers/halos.

167.43 168.10 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 55% K-Spar 40 Bio 2%. Very low sulphide content with the occasional fine grained pyrite specimen. Strong potassic alteration via selection.

168.10 170.55 (FGS) Felsic Gneiss Sedimentary, ( )

Unit is fairly siliceous due to proximal and penetrative pegmatitic material. Moderate porphyritic texture due to fine to medium grained/poorly formed qtz phenocrysts. Very low sulphide content with an occasional fine grained pyrite specimen.

170.55 170.95 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Qtz 50 K-Spar 40 Bio 5 Amp 3. Strong chloritic alteration via veinlets. Strong potassic alteration via veinlets and feldspar selection. Very low sulphide content with the occasional fine grained pyrite example.

170.95 171.40 (AMP) Amphibolite, ( )

Amphibolite contains a weak to moderate felsic background content consisting mainly of qtz/plag. Moderate chloritic/ potassic alteration via veinlets and bands at moderate angle to core axis. Very low sulphide content with the occasional fine grained pyrite. Foliation fabric is moderate to strong but disturbed from open F2 folds.

171.40 171.88 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

AMPUM at low angle due to drilling down dip. High biotite content. Strong sericitic alteration via thick bands. Waxy/greasy feel. I like it a lot. Sulphide content is very low with occasional pyrite.

171.88 172.74 (AMP) Amphibolite, ( )

Moderate fine grained epidote present in medium sized aggregates/patches. Very low sulphide with the occasional pyrite. Moderate to strong foliation fabric disturbed by open F2

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

folding. Moderate felsic background content mainly qtz/plag. Moderate chloritic alteration along foliation fabric and weak potassic alteration via selection. Un-oriented due to rubble zone which contains a few slickenlines. Fault?

172.74 173.26 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

AMP-Ultramafic with strong biotite content. Strong cpx content. Very low sulphide with the exception of the occasional fine grained pyrite example. Weak to moderate foliation fabric throughout unit. Weak to moderate background felsic content throughout.

173.26 176.90 (AMP) Amphibolite, ( )

Amphibolite is a combination of AMPUM and AMPIN. Moderate to strong biotite content. Moderate to strong epidote presence in medium sized patches. Very low sulphide content with the occasional fine grained pyrite example. Large pods/bands of amphibole/cpx throughout up to 5cm. Last 24cms of unit is a strong AMPUM.

176.90 177.85 (FGS) Felsic Gneiss Sedimentary, ( )

Numerous quartz eyes. Weak to moderate dioritic fabric due to poorly formed fine to medium grained qtz phenocrysts. Moderate to strong potassic/sericitic alteration via dissemination/selection and bands. Very low sulphide content with the occasional pyrite specimen. Short 4cm lamp dyke at 177.50m. Minor healed breccia.

177.85 178.52 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

AMPUM contains fine to medium grained biotite porphyroclasts. Moderate potassic/sericitic alteration via veinlets/stringers. Very low sulphide content. Unit contains a weak to moderate foliation fabric.

178.52 179.26 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Amphibolite contains moderate to strong sericitic/chloritic/potassic alteration via dissemination/stringers/bands due to proximal dyke. Very low sulphide content with the occasional pyrite example. Thin veinlets of lamprophyre present throughout. Mid portion of unit exhibits a bleeched appearance due to an increase in siliceous content and alteration.

179.26 181.82 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lamprophyre contains fine to medium sized carbonate amygdules throughout. Large xenoliths of highly altered country rock present. Unit exhibits more than one generation of lamprophyres. Sporadic carbonate veinlets throughout.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
181.82	**183.03**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Unit exhibits weak to moderate foliation fabric with some disturbance due to gentle F2 folds. Weak to moderate potassic alteration via veinlets/bands/selection. Sericitic alteration is weak to moderate via stringers. Suphide content is very low wit the occasional pyrite example. A short AMPUM is contained from 181.92-182.02.								
183.03	**185.60**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS contains numerous quartz eyes and a weak to moderate porphyritic texture due to fine to medium grained quartz phenocrysts which are poorly formed. Very low sulphide content with the exception of the occasional pyrite specimen. Background amphibole content increases downward and ranging throughout the whole unit at 1-5%. Foliation fabric is not visible in highly potassic altered areas with quartz eyes but is apparent in lower section. Intense potassic alteration via dissemination and stringers. A few large amphibole pods are also present.								
185.60	**188.00**	**(QFP) Quartz Feldspar Porphyry, ( )** Unit could be a coarse grained FGS. Quartz/kspar phenocrysts range from 0.1-1.0 cm and are poorly formed. Background amphibole content varies from 1-4% with the occasional large example reaching 3cm. Very low sulphide content with the occasional fine grained pyrite. Potassic alteration is moderate to strong via stringers/dissemination/selection. Moderate chloritic alteration via thin veinlets.								
188.00	**193.30**	**(FGS) Felsic Gneiss Sedimentary, ( )** Numerous quartz eyes. Weak to moderate dioritic fabric due to poorly formed quartz phenocrysts. Qtz phenocrysts range from 0.1-1.0 cm and are mainly adopt sub rounded to rounded morphology. Very low sulphide content with the occasional pyrite example. Moderate to strong sericitic/potassic alteration via veinlets/stringers/bands. A couple short pegmatites are contained throughout and a short amphibolite is contained from 190.05-190.12. Background amphibole content varies from 1-4%.								
193.30	**196.25**	**(UMD) UM\LAMP Dike, ( )** Very fine grained carbonate amygdules. Upper and lower chill margins present. Carbonate stringers throughout.								
196.25	**233.45**	**(FGS) Felsic Gneiss Sedimentary, ( )** Numerous quartz eyes throughout unit. Weak to moderate porphyritic appearance due to fine to medium grained quartz phenocrysts which are poorly formed. Phenocrysts range from 0.1-1.0cm in size and exhibit sub rounded to rounded morphology. Strong potassic alteration via halos/stringers/veinlets/dissemination. Background amphibole content is variable throughout ranging from 1-6% with occasional med-coarse grained examples. Unit appears to be a rhyolitic-dacitic meta crystal tuff with varrying amounts of amphibole content in the								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
formed of ash/lapilli/bombs. Short pegmatitic veins throughout.										
233.45	**233.87**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**								
Short pegmatite. Qtz 50% K-Spar 40% Bio 6% Amp 2% Musc 0.25% . Weak sulphide content with the occasional pyrite example. Minor muscovite in lower portion of unit but weak overall content.										
233.87	**240.80**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
FGS is coarse grained and has a moderate to strong dioritic fabric due to poorly formed quartz phenocrysts ranging from 0.1-1.2cm. Phenocrysts exhibit sub rounded to rounded morphology. Moderate to strong potassic alteration via stringers/halos/dissemination. Moderate sericitic alteration via stringers. Sulphide content is very low with the occasional pyrite example with the largest contained at upper contact with pegmatite 1.3cm2. Foliation ranges from 18-60 degrees due to passive F2 folding. Short barren pegmatites contained throughout unit up to 10cm. Background amphibole content ranges from 0.5-4.0% and occasional a medium sized aggregate of amphibole is observable. Protolith likely a rhyolitic-dacitic tuff with mafic ash/lapilli/bombs.										
240.80	**242.30**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**								
No orientatoin. Upper contact oblique to foliation. Lamprophyre contains moer than one generation of dykes. Upper and lower chill margins present. Very fine carbonate amygdules throughout. Thin carbonate veinlets crosscut the unit										
242.30	**252.10**	**(FGS) Felsic Gneiss Sedimentary, ( )**								
No orientation. Continuation of previous FGS. Coarse grained and has a moderate to strong dioritic fabric due to poorly formed quartz phenocrysts ranging from 0.1-1.2cm. Phenocrysts exhibit sub rounded to rounded morphology. Moderate to strong potassic alteration via stringers/halos/dissemination. Moderate sericitic alteration via stringers. Sulphide content is very low with the occasional pyrite example.. Short barren pegmatites contained throughout unit up to 10cm. Background amphibole content ranges from 0.5-4.0% and occasional a medium sized aggregate of amphibole is observable. Protolith likely a rhyolitic-dacitic tuff with mafic ash/lapilli/bombs.										
252.10	**253.90**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)**								
Qtz 45 K-spar 45 Bio 4. K-spar dominated pegmatite. Short FGS contained from 252.60-252.88m. Moderate potassic alteration via veinlets and selection of feldspar. Pegmatite is barren of sulphides.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

253.90 279.00 (FGS) Felsic Gneiss Sedimentary, ( )

No orientation. Continuation of previous FGS unit. Coarse grained and has a moderate to strong dioritic fabric due to poorly formed quartz phenocrysts ranging from 0.1-1.2cm. Phenocrysts exhibit sub rounded to rounded morphology. Moderate to strong potassic alteration via stringers/halos/dissemination. Moderate sericitic alteration via stringers. Sulphide content is very low with the occasional pyrite example. Short barren pegmatites contained throughout unit up to 10cm with contacts at parallel to sub parallel orientation. Background amphibole content ranges from 0.5-4.0% and occasional a medium sized aggregate of amphibole is observable. Short lamprophyre contained from 276.63-276.80m. Protolith likely a rhyolitic-dacitic tuff with mafic ash/lapilli/bombs.

279.00 279.48 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Upper contact alpha 27 b unoriented but parallel to foliation fabric. Very fine to fine grained carbonate amygdules as well carbonate xenoliths. Upper and lower chill margins present.

279.48 285.27 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains weak to moderate foliation fabric. Very low sulphide content with pyrite as the main constiuent Py 85 / Po 15. Moderate to strong potassic alteration via stringers/dissemination/halos. Weak to moderate sericitic alteration via stringers. Passive F2 folding at lower contact with amphibolite. Weak background amphibole content but observable at 0.75%.

285.27 286.00 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Amphibolite unit could be a an extension of the lower AMPUM unit due to fairly high biotite content porphyroblasts which have been flattened by what appears to be crenulation. Moderate to strong potassic alteration via stringers. Low sulphide content. One band and patch of quartz/carbonate material. S1 foliation is extremely disturbed by F2 folding. Weak to moderate felsic background content mainly comprised of k-spar/plag.

286.00 290.56 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Ultra-mafic amphibolite contains numerous biotite porphyroblasts. Crenulation fabric in upper portion of unit has been compressed porphyroblasts. High concentrations of biotite present at 286m +/- 15cms. Weak to moderate felsic back composed mainly of k-spar/plag. Very low sulphide content. A 4cm pegmatite is contained from 290.36-290.40m.

290.56 291.65 (FGS) Felsic Gneiss Sedimentary, ( )

Continuation of previous FGS. Unit contains weak to moderate foliation fabric. Very low sulphide content with pyrite as the main constiuent Py 85 / Po 15. Moderate to strong potassic alteration via stringers/dissemination/halos. Weak to moderate sericitic alteration via stringers. Moderate bleached appearance due to weak silicification.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

291.65 292.88 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

AMPIN ocntains numerous stringers of chloritic/sericitic alteration as well as qtz/carb veinlets running parallel to foliation fabric within first 40 cms of unit. Sulphide content is very low throughout. Moderate to strong potassic alteration via selection of felsic background content as well as small discontinuous QV2 veinlets. Felsic background content is weak throughout ranging from 1-5% and mainly comprised of K-spar. Strong F2 folding at lower contact of unit with AMPUM. Biotite content increases downwards and eventually becomes porphyroblastic as it trends towards AMPUM. Lower contact is weak.

292.88 294.42 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Ultra-mafic amphibolite contains numerous biotite porphyroblasts. Crenulation fabric in upper portion of unit has been compressed porphyroblasts. High concentrations of biotite present at 286m +/- 15cms. Weak to moderate felsic back composed mainly of k-spar/plag. Very low sulphide content.

294.42 295.15 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

AMPIN contains weak potassic alteration via selection of felsic background content. Sulphide content is very low throughout. Moderate to strong potassic alteration via selection of felsic background content as well as small discontinuous QV2 veinlets. Felsic background content is weak throughout ranging from 4-14% and mainly comprised of K-spar. Biotite content increases downwards and eventually becomes porphyroblastic. Upper contact is weak.

295.15 301.65 (FGS) Felsic Gneiss Sedimentary, ( )

Upper contact alpha 15 with no beta due to lack of orientation but contact is parallel to foliation. FGS is very fine grained and has a weak bleached appearance due to weak silicic flooding. Sulphide content is low with both pyrite and pyrrhotite present Py 60 / Po 40 in fine grained patches and disseminated. Weak sericitic alteration via veinlets at moderate angle to core axis. Moderate potassic alteration via halos and dissemination. Biotite content lower than typical FGS

301.65 309.26 (QFP) Quartz Feldspar Porphyry, ( )

Upper contact is parallel to foliation fabric unlike most of Bordens true intrusives. Fine to medium grained quartz/feldspar phenocrysts range from 0.1-1.4cms with sub rounded to sub angular morphology. Moderate to strong potassic alteration via dissemination and selection of feldspar phenocrysts. Background amphibole content is weak to moderate ranging from 1-5% with the occasional larger specimen of amphibole present. An undifferentiated quartz vein is present from 303.80-303.04m containing fine grained amphibole as well as potassic feldspar. Foliation fabric is weak to moderate but is hard to identify in the last 1.2 metres of unit. Very low sulphide content

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

309.26 325.80 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains moderately low sulphide content with both pyrite and pyrrhotite present in similar quantities Py 50 / Po 50. Sulphides are mainly disseminated but several patches of fine grained Py and Po are present. A couple thin QV2 veins present but are barren. Several depletion halos present due to fine grained amphiboles. Folation fabric is weak throughout. Several sections have increased silicification and appear to be granitic. Short pegmatite contained from 318.50-318.25 (see veining tab). Moderate to strong potassic/sericitic alteration via dissemination/halos/stringers/bands.

325.80 327.00 (AMP) Amphibolite, ( )

Amphibolite contains weak to moderate felsic background content composed mainly of k-spar. Moderate to strong potassic/sericitic alteration via veinlets at moderate angle to core axis/selection of felsic minerals. Short 3cm lamprophyre and 8 cm pegmatitie contained near upper contact. Sulphide content is very low.

327.00 340.70 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains numerous quartz eyes therefore exhibits a weak to moderate porphyritic texture. Sulphide content is low but present in patches with both pyrite and pyrrhotite present Py 75 / Po 25. Thin barren pegmatitic veins crosscut the unit throughout. Weak to moderate sericitic alteration via veinlets at various angles to core axis. Potassic alteration ranges from moderate to strong in the form of halos/dissemination/veinlets at high angle to core axis. continueeeeeddddddd.....

340.70 341.20 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Short lamprophyre with very fine grained carbonate amygdules. Upper and lower chill margins present.

341.20 365.57 (FGS) Felsic Gneiss Sedimentary, ( )

FGS contains numerous quartz eyes therefore exhibits a weak to moderate porphyritic texture. Sulphide content is low but present in patches with both pyrite and pyrrhotite present Py 75 / Po 25. Thin barren pegmatitic veins crosscut the unit throughout. Weak to moderate sericitic alteration via veinlets at various angles to core axis. Potassic alteration ranges from moderate to strong in the form of halos/dissemination/veinlets at high angle to core axis. Two short lamprophyres contained from 363.60-364.60m.

365.57 366.90 (FGS) Felsic Gneiss Sedimentary, ( )

FGS also known as DIOAM. Weak to moderate porphyritic texture due to fine to medium grained quartz phenocrysts as well as amphibole pods ranging from 0.1-3.0cms. Unit is likley a rhyolititic-dacitic tuff with mafic lapilli. Very low sulphide content. Moderate felsic background content is feldspathic and has undergone moderate potassic alteration via

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
selection.										

366.90 373.80 (FGS) Felsic Gneiss Sedimentary, ( )

Continued from previous FGS. Unit contains numerous quartz eyes therefore exhibits a weak to moderate porphyritic texture. Sulphide content is low but present in patches with both pyrite and pyrrhotite present Py 75 / Po 25. Thin barren pegmatitic veins crosscut the unit throughout. Weak to moderate sericitic alteration via veinlets at various angles to core axis. Potassic alteration ranges from moderate to strong in the form of halos/dissemination/veinlets at high angle to core axis.

373.80 375.26 (FGS) Felsic Gneiss Sedimentary, ( )

Weak upper contact due to gradational pegmatite. FGS also known as DIOAM. Weak to moderate porphyritic texture due to fine to medium grained quartz phenocrysts as well as amphibole pods ranging from 0.1-2.0cms. Unit is likley a rhyolititic-dacitic tuff with mafic lapilli. Very low sulphide content. Moderate felsic background content is feldspathic and has undergone moderate potassic alteration via selection.

375.26 420.06 (FGS) Felsic Gneiss Sedimentary, ( )

Continued from previous FGS. Unit contains numerous quartz eyes therefore exhibits a weak to moderate porphyritic texture. Sulphide content is low but present in patches with both pyrite and pyrrhotite present Py 75 / Po 25. Thin barren pegmatitic veins crosscut the unit throughout. Weak to moderate sericitic alteration via veinlets at various angles to core axis. Potassic alteration ranges from moderate to strong in the form of halos/dissemination/veinlets at high angle to core axis. Weak background amphibole content ranges from 1-4%. Short pegmatite from 397.00-397.20m.

420.06 457.35 (FGS) Felsic Gneiss Sedimentary, ( )

FGS also known as DIOAM. Weak to moderate porphyritic texture due to fine to medium grained quartz phenocrysts as well as amphibole pods ranging from 0.1-2.0cms as well as massive amphibole sections up to 20cms.. Unit is likley a rhyolititic-dacitic tuff with mafic lapilli. Sulphide content is low but occasional patches of pyrite are visible in areas of higher amphibole content. Moderate felsic background content is feldspathic and has undergone moderate potassic alteration via selection. Occasional cm to dm scale qz veins; mostly concordant or subparallel to fol; minor Py; trace Mo; 5-20% clotty pink fspr. Labradorite mineralization begins ~440m; 5%; dissem; mm scale <5mm; irridescent blue.

457.35 461.43 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark grey-brown fine groundmass hosting 15% leuco porphs (dolomite?). Weak to moderate brecciation and fracturing; mostly healed with leuco cement (dolomite?). No vis sulfs. Pale green altered margins. 10cm fault at upper contact; cm scale angular frags; minor sandy gouge.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

461.43 469.25 (FGS) Felsic Gneiss Sedimentary, ( )

As desc in 420.06-457.35m. 15cm qv at 463m; hosts minor subhedral Mo; concordant; occ cm scale amp clots; minor fine Py. Occ discordant nebulous minor PEG melt segments.

469.25 469.75 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Dark green; fine grained; equigranular. Moderately foliated. No signif sulfs or alt.

469.75 471.35 (FGS) Felsic Gneiss Sedimentary, ( )

As desc in 420.06-457.35m

471.35 471.80 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 457.35-461.43m

471.80 477.90 (FGS) Felsic Gneiss Sedimentary, ( )

As desc in 420.06-457.35m

477.90 478.40 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Grey-white mottled qz with ~50% pink-white fspr. Diffuse contacts. Fspr is coarse; cm scale subhedral xls organized into massive colonies. No vis sulfs. Weak K alt of fspr. Occ coarse dark green amp clots.

478.40 479.70 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark grey-brown fine grained groundmass with 15% leuco vesicles/blasts (likely dolomite). No vis sulfs. Weak mag. Pale green altered contacts.

479.70 494.30 (FGS) Felsic Gneiss Sedimentary, ( )

Fine grained light grey felsic groundmass with 40% combined amp-biot present as mm scale porphs. Weak alignment and elongation of porphs imparts trace to weak foliation. No significant sulfs. Weakly altered overall. Elevated alteration: 487.18-487.87m; K-Ser-Hem-Sil assemblage; pervasive; moderate to strong. Occ veining; 3% abundance; typically extensional; low angle; nebulous; qz-fspr; trace Py. 3% diss labradorite; subhedral; irridescent blue.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

494.30 494.68 (AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite

Dark green; equigranular. Weakly foliated. Hosts slickensurface with weakly developed slickenfibers; indicates oblique movement (primarily dextral with minor reverse component). No significant alt or sulfs.

494.68 502.50 (FGS) Felsic Gneiss Sedimentary, ( )

As desc in 479.7-494.3m

502.50 503.10 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)

Intercalated cm scale bands of FGS and AMP IN. Undulose; diffuse contacts. No vis sulfs or alt.

503.10 510.67 (FGS) Felsic Gneiss Sedimentary, ( )

Grey fine grained felsic groundmass hosting 15% mm scale (<3mm) dark green mafic porphs. 10% fine dissem biot. Weak alignment of porphs and biot imparts weak foliation. No sgnif sulfs veining or alt. Occ late healed fracs/veins with minor pink K-Ser alt halos. Rare dm scale diffuse amorphous masses of incipient PEG/melt. Trace dissem labradorite: irr blue; <5mm; anhedral.

510.67 511.00 (QV) Quartz Vein, (QZVT2) Massive quartz vein

Pegmatitic qz vein with 30% pink and white fspr species (subhedral; forming aggs and archepelagos). Qz is mottled grey-white; translucent. Minor selective pink K alt (affects fspr only). Rare coarse euhedral biot clots; <1cm. Trace dissem subhedral Py proximalto lower contact; <3mm. Contacts are distinct.

511.00 513.30 (FGS) Felsic Gneiss Sedimentary, ( )

As desc in 503.1-510.67m

513.30 514.00 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Dark brown biot-rich fine groundmass. Massive. No vis sulfs. Moderately magnetic. Contacts are strongly altered: Chl-Rut- etc; imparts distinctive green-yellow colouration.

514.00 514.50 (FGS) Felsic Gneiss Sedimentary, ( )

As desc in 503.1-510.67m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments

514.50 515.53 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

As desc in 513.3-514m but faulted and brecciated. Open fault at 514.75-514.85m: comprises cm scale ang frags. Healed brx at 514.80-515.10m; chaotic qz-cb veinlets. Healed fault 515.45-515.53m; dark green; chloritic; competent.

515.53 580.10 (FGS) Felsic Gneiss Sedimentary, ( )

As desc in 503.10-510.67m. Occ cm scale qz-fspr veins; <10cm; mostly concordant; occ hosting minor coarse Py; overall 1% vein abundance. Occ cm scale PEGs: amorphous masse; discordant; pink-white with minor coarse amp porphs; weakly K altered. Occ cm scale AMP clasts; elongate parallel to foliation; <10cm; discrete. Minor patchy K-Ser-Sil alt; typically present as weak halos surrounding late qz-cb veinlets and healed fracs; also present as rare cm to dm scale diffuse zones of weak alt. Zone of weakly elevated amp content 546-547.30m. Minor fg to mg labradorite. Local mustard yellow ilmenite (altered Bt) as haloes around late Qz veinlets.

580.10 580.70 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Small UMD in large FGS-Amp sequence; kaki green; massive; non-magnetic; ondulating contacts with FGS sleevers.

580.70 593.32 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity of large hanging wall FGS-Amp-Lab unit uphole; dark grey; greenish (Amp); fg-mg; porphyrytic texture; weakly to very weakly foliated; overall 8% Amp; 4% Bt; 2% Labradorite. Some thin QzFp veinlets; some Amp-richer bands // S1; few late QzCb veinlets with thin orangey KFp-altered haloes. Local small Amp-rich round masses (+cm; mg) as possible mafic lapilli bombs?

593.32 594.22 (UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Small UMD-LAMP dyke injected in FGS unit. Center part is dark grey; strongly magnetic; selvages are kaki green and non-magnetic. Overall massive; evidences of multi-stage injections.

594.22 604.94 (FGS) Felsic Gneiss Sedimentary, ( )

Continuity and end of large hanging wall FGS-Amp-Lab unit uphole; dark grey; greenish (Amp); fg-mg; porphyrytic texture; weakly to very weakly foliated; overall 8% Amp; 4% Bt; 2% Labradorite. Some thin QzFp veinlets; few late QzCb veinlets with thin orangey KFp-altered haloes. Some small Amp-rich round masses (+cm; mg) as possible mafic lapilli bombs?

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
604.94	**617.50**	**(FGC) Felsic Gneiss Conglomerate, ( )** Logged as FGC to highlight distinct unit from FGS above. Medium grey; dark grey; fg; local mg band; well banded (1 to 6cm thick); strong compositional layering // S1; some homogeneous (FGS) levels; mod. to weakly foliated; local tight F1 folds (AP1 // S1); felsic; overall 1% Py as diss. blebs; 7% Bt; 2% Amp (often surrounded by depletion haloes); no visible clast termination but clasts could be strongly flattened; some QzFp veinlets; few thin orangey KFp-Hem-altered haloes around late QzCb veinlets. Unit correlated to other banded/conglomeratic intervals in surrounding holes.	C65891	604.94	605.7	0.76	0.011	AGAT_FAICP		
			C65893	605.7	606	0.3	0.008	AGAT_FAICP		
			C65894	606	607	1	0.006	AGAT_FAICP		
			C65895	607	608	1	0.026	AGAT_FAICP		
			C65896	608	609	1	0.03	AGAT_FAICP		
			C65897	609	610	1	0.019	AGAT_FAICP		
			C65899	610	611	1	0.031	AGAT_FAICP		
			C65900	611	612	1	0.018	AGAT_FAICP		
			C65901	612	613	1	0.015	AGAT_FAICP		
			C65902	613	614	1	0.018	AGAT_FAICP		
			C65903	614	615	1	0.019	AGAT_FAICP		
			C65904	615	616	1	0.003	AGAT_FAICP		
			C65905	616	617	1	0.072	AGAT_FAICP		
			C65907	617	617.5	0.5	0.119	AGAT_FAICP		
617.50	**619.00**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Homogeneous FGS level within FGC/tuff banded interval (compositional layering). Dark grey; fg; moderately foliated; 12% Bt; 1% Py as vfg-fg diss. blebs; tr. Amp.	C65908	617.5	618.5	1	0.021	AGAT_FAICP		
			C65909	618.5	619	0.5	0.072	AGAT_FAICP		
619.00	**627.70**	**(FGC) Felsic Gneiss Conglomerate, ( )** Continuity of FGC/Tuff interval uphole (604.94-617.5m) but less banded. Medium grey; dark grey; locally pink/orangey (KFp-altered levels); fg to mg; moderately banded (1 to 6cm thick); moderate compositional layering // S1; some homogeneous (FGS) levels; moderately foliated; local tight F1 folds (AP1 // S1); felsic; pervasively moderately silicified; some diffuse migmatitic/FGG levels (pink; no WM). Overall 0.25% Py as diss. blebs; 5% Bt; no visible clast termination but clasts could be strongly flattened; some QzFp(+/-Bt and blue Qz) veinlets; few thin orangey KFp-altered haloes around late QzCb veinlets. Unit correlated to other banded/conglomeratic intervals in surrounding holes.	C65910	619	620	1	0.012	AGAT_FAICP		
			C65911	620	621	1	0.042	AGAT_FAICP		
			C65913	621	622	1	0.02	AGAT_FAICP		
			C65914	622	623	1	0.006	AGAT_FAICP		
			C65915	623	624	1	0.01	AGAT_FAICP		
			C65916	624	625	1	0.006	AGAT_FAICP		
			C65917	625	626	1	0.011	AGAT_FAICP		
			C65919	626	627	1	0.007	AGAT_FAICP		
			C65920	627	627.7	0.7	0.005	AGAT_FAICP		
627.70	**628.02**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Small UMD-LAMP dyke; dark grey to green; fg-mg; massive; weakly magnetic; Bt+Cb.	C65921	627.7	628.02	0.32	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
628.02	**633.62**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C65922	628.02	629	0.98	0.009	AGAT_FAICP		
Continuity of banded felsic unit uphole but less banded and more FGS-looking. Medium to dark grey; fg; mod. foliated; moderately pervasively silicified; tr. WM; 0.25% Py as vfg-fg diss. blebs; some thin PEG veinlets sub// S1; lower part is darker grey with interbedded Amp-rich levels (compositional layering) often Ser-altered.			C65923	629	630	1	0.006	AGAT_FAICP		
			C65924	630	631	1	0.009	AGAT_FAICP		
			C65925	631	632	1	0.015	AGAT_FAICP		
			C65927	632	633	1	0.021	AGAT_FAICP		
			C65928	633	633.62	0.62	0.02	AGAT_FAICP		
633.62	**635.75**	**(MAM) Mottled Amphibolite, ( )**	C65929	633.62	634.6	0.98	0.076	AGAT_FAICP		
Logged as MAM; very distinction from surrounding. Dark grey; greenish (upper 30cm are green); fg (mg near upper contact); pervasively silicified (diffuse QV1 from 634.72 to 634.9m); mod. foliated; weakly banded (some possible light grey fg clasts strongly flattened // S1); 5% Amp+Cpx mostly in upper part; 10% Bt; 1% Gt as fg-mg orangey porphyroblasts; 1% Py (diss. blebs). Lower part is redish and strongly KFp-altered.			C65930	634.6	634.9	0.3	0.125	AGAT_FAICP		
			C65931	634.9	635.75	0.85	0.159	AGAT_FAICP		
635.75	**638.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C65933	635.75	636.7	0.95	0.026	AGAT_FAICP		
FGS-Mu; medium grey; fg; pervasively moderately silicified; mod. foliated; weakly banded; 10% Bt; 2% WM as fg-mg flakes; 0.25% Py.			C65934	636.7	637.7	1	0.019	AGAT_FAICP		
			C65935	637.7	638.4	0.7	0.033	AGAT_FAICP		
638.40	**638.98**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C65936	638.4	639	0.6	0.004	AGAT_FAICP		
Small FGS-BI is part of FGS-MU sequence but very dark grey; mod. foliated; fg; with orangey fg Fp; 15-20% Bt										
638.98	**641.08**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C65937	639	640	1	0.016	AGAT_FAICP		
Similar FGS-Mu as 635.75-638.4m. Medium grey; fg; pervasively moderately silicified; mod. foliated; 7% Bt; 2% WM as fg-mg flakes; 0.25% Py; few thin QzFp veinlets as possible melts.			C65939	640	641	1	0.039	AGAT_FAICP		
641.08	**644.35**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C65940	641	642	1	0.003	AGAT_FAICP		
Similar dark grey/brownish FGS-BI as 638.4-638.98m; mod. foliated; fg; with abundant orangey fg Fp; 15-20% Bt; 4% WM; some small orangey KFp-altered haloes around late QzCb veinlets near UMD downhole.			C65941	642	643	1	0.019	AGAT_FAICP		
			C65942	643	644.35	1.35	0.032	AGAT_FAICP		
644.35	**645.70**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C65943	644.35	645.7	1.35	0.003	AGAT_FAICP		
UMD-Lamprophyre; dark grey center; green selvages; massive; non-magnetic; common fg										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
to vcg Cb phenocrysts.										
645.70	**652.14**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Similar FGS-Mu as 635.75-638.4m. Medium grey and pale pink; fg; pervasively moderately silicified; mod. foliated; weakly to mod. banded (compositional layering // S1); 5% Bt; 2% WM as fg-mg flakes; 0.25% Py; few thin QzFp veinlets as possible melts; few thin QzPy veinlets.	C65944	645.7	646.7	1	0.034	AGAT_FAICP		
			C65945	646.7	647.7	1	0.024	AGAT_FAICP		
			C65947	647.7	648.7	1	0.027	AGAT_FAICP		
			C65948	648.7	649.4	0.7	0.092	AGAT_FAICP		
			C65949	649.4	650.4	1	0.015	AGAT_FAICP		
			C65950	650.4	651.4	1	0.011	AGAT_FAICP		
			C65951	651.4	652.14	0.74	0.009	AGAT_FAICP		
652.14	**652.47**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Small UMD-LAMP dyke; green; massive; non-magnetic.	C65953	652.14	652.47	0.33	0.001	AGAT_FAICP		
652.47	**653.15**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS** Continuity of FGS-Mu above UMD uphole; medium grey and pale pink; fg to mg; some FGG diffuse levels; pervasively moderately silicified; mod. foliated; 5% Bt; 2% WM as fg-mg flakes; 0.25% Py.	C65954	652.47	653.15	0.68	0.062	AGAT_FAICP		
653.15	**658.36**	**(FGG) Felsic Gneiss Granitic, ( )** Felsic gneiss (granitic) with % FGS-Mu sleevers. Light pink/orangey (FGG) and medium grey (FGS-Mu); fg to mg; mod. foliated; pervasively mod. to strongy silicified (local QV1 veinlets // S1 with diffuse contacts with FGG); 7% white micas as fg to mg flakes and whisps; 3% Bt (mostly in FGS levels); tr. Py as diss. blebs. FGS sleevers are weakly banded. FGG has small QV1 veinlets and PEG-GR (Qz+KFp+WM) veinlets both // S1.	C65955	653.15	654.15	1	0.245	AGAT_FAICP		
			C65956	654.15	655.15	1	0.203	AGAT_FAICP		
			C65957	655.15	655.5	0.35	0.062	AGAT_FAICP		
			C65959	655.5	655.8	0.3	0.562	AGAT_FAICP		
			C65960	655.8	656.8	1	0.406	AGAT_FAICP		
			C65961	656.8	657.8	1	0.373	AGAT_FAICP		
			C65962	657.8	658.36	0.56	0.205	AGAT_FAICP		
658.36	**660.40**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS is transitional between FGG and MAM. Light grey in upper part (3% Bt) and darker grey toward lower contact (increase of %Bt up to 10%). Moderately foliated; fg; moderately pervasively silicified (5cm thick QV1 at 659.94m); tr. WM; tr. Py in upper part; up to 1% Py+Po in lower part; few thin QzFp boudinaged veinlets (PEG-GR).	C65963	658.36	659.36	1	0.05	AGAT_FAICP		
			C65964	659.36	659.75	0.39	0.026	AGAT_FAICP		
			C65965	659.75	660.05	0.3	0.037	AGAT_FAICP		
			C65967	660.05	660.4	0.35	0.053	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
660.40	**661.31**	**(MAM) Mottled Amphibolite, ( )** Mottled amphibolite; dark green; medium green; grey; mod. to strongly foliated; weakly banded; mod. pervasively silicified; few medium green Cpx-rich bands // S1 (possible pillow selvages); 5% Bt; 1% WM; 0.5% Po+Py.	C65968	660.4	661.31	0.91	0.037	AGAT_FAICP		
661.31	**661.86**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Small FGS-BI unit interbedded within MAM interval. FGS is medium to dark grey; fg; mod. to strongly foliated; mod. pervasively silicified; 10% Bt; 0.25% Po+Py. Local thin QV1 // S1 (<1cm thick).	C65969	661.31	661.86	0.55	0.012	AGAT_FAICP		
661.86	**663.86**	**(MAM) Mottled Amphibolite, ( )** Similar mottled amphibolite as 660.4-661.31m; dark green; light to medium grey; some beige/green Ser-altered haloes around late QzCb veinlets; locally strongly banded (possible strongly flattened felsic clasts); moderate compositional layering; some medium green Cpx-rich masses and bands // S1 (possible pillow selvages); mod. to strongly foliated; moderately pervasively silicified (local thin QV1 // S1 <1cm thick); weakly magnetic (Po); local salty texture (fg light grey Fp); overall 0.5% Po+Py. Lower 25cm are FGS with depletion texture (part of MAM).	C65970	661.86	662.86	1	0.02	AGAT_FAICP		
			C65971	662.86	663.86	1	0.022	AGAT_FAICP		
663.86	**667.39**	**(AMP) Amphibolite, ( )** Continuity of MAM unit uphole but more typical amphibolite. Dark green; some beige/green Ser-altered haloes around late QzCb veinlets; some medium green Cpx-rich masses and bands // S1 (possible pillow selvages); mod. foliated; moderately pervasively silicified; weakly magnetic (Po); overall 0.5% Po+Py. Lower 25cm are FGS with depletion texture (part of MAM).	C65973	663.86	664.86	1	0.04	AGAT_FAICP		
			C65974	664.86	665.86	1	0.02	AGAT_FAICP		
			C65975	665.86	667.09	1.23	0.053	AGAT_FAICP		
			C65976	667.09	667.39	0.3	0.063	AGAT_FAICP		
667.39	**667.90**	**(QV, MAM) Quartz Vein, Mottled Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 as intensively silicified MAM (15% MAM relicts); hosted in felsic interval of MAM sequence. QV1 is smokey grey to greenish (Amp inclusions); mod. foliated (S1 outlined by Amp; Bt; Po+Py); overall 2% Po + 1% Py as diss. blebs and thin veinlets // S1. Upper contact is // S1; lower contact is more irregular.	C65977	667.39	667.9	0.51	0.043	AGAT_FAICP		
667.90	**668.47**	**(FGS) Felsic Gneiss Sedimentary, ( )** Small FGS level as part of MAM sequence; and host of QV1 veins. FGS is medium grey; fg-mg; mod. foliated; mod. silicified; 7% Amp; 1.5% Po+Py as diss. blebs.	C65979	667.9	668.47	0.57	0.02	AGAT_FAICP		
668.47	**668.77**	**(QV, MAM) Quartz Vein, Mottled Amphibolite, (QZVT1)**	C65980	668.47	668.77	0.3	0.038	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Quartz flooding +/- AM, PY, PO, etc QV1 as intensively silicified MAM (10% MAM relicts); hosted in felsic interval of MAM sequence. QV1 is smokey grey to greenish (Amp inclusions); mod. foliated (S1 outlined by Amp; Bt; Po+Py); overall 2% Po + 1% Py as diss. blebs and thin veinlets // S1. Younger generation of Qz veinlet (1cm thick; light grey) is tightly F1 folded within medium grey QV1. Contacts are slightly converging (probably boudinaged).								
668.77	**675.44**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS-Amp locally looks like MAM with some Amp+Cpx+Po+Py levels and masses +/- boudinaged. Overall medium grey and green; fg +/- mg; mod. foliated; weakly banded (compositional layering); 0.5% Py+/-Po as fg diss. blebs and local higher concentrations in Amp+Cpx levels (5cm wide Po mass at 669.5m). Some thin QzFp veinlets; some QzPy veinlets. Local depletion halo texture.	C65981	668.77	669.11	0.34	0.012	AGAT_FAICP		
			C65982	669.11	669.5	0.39	0.047	AGAT_FAICP		
			C65983	669.5	670.5	1	0.017	AGAT_FAICP		
			C65984	670.5	671.5	1	0.026	AGAT_FAICP		
			C65985	671.5	672.5	1	0.018	AGAT_FAICP		
			C65987	672.5	673.5	1	0.015	AGAT_FAICP		
			C65988	673.5	674.5	1	0.013	AGAT_FAICP		
			C65989	674.5	675.44	0.94	0.018	AGAT_FAICP		
675.44	**677.09**	**(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)** Intermediate amphibolite; dark green and slightly grey; fg; mod. foliated; 40% Amp + 20% Bt; weakly KFp-altered; weak to mod. mineral lineation L1 outlined by elongated Amp blades. Tr. Py.	C65990	675.44	676.44	1	0.007	AGAT_FAICP		
			C65991	676.44	677.09	0.65	0.005	AGAT_FAICP		
677.09	**680.83**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Dark grey and slightly green FGS-BI; locally redish/orangey (Ser-KFp-altered haloes around late QzCb veinlets); fg and mg (porphyroblastic texture); mod. foliated; 10% Bt; 1% Amp; 2% Ep; 0.5% Py as vfg-fg diss. blebs.	C65993	677.09	678.09	1	0.016	AGAT_FAICP		
			C65994	678.09	679.09	1	0.017	AGAT_FAICP		
			C65995	679.09	680.09	1	0.019	AGAT_FAICP		
			C65996	680.09	680.83	0.74	0.017	AGAT_FAICP		
680.83	**681.14**	**(FGG) Felsic Gneiss Granitic, ( )** Small FGG unit within FGS-BI; pale pink and light grey; mg; weakly foliated (partial melting obliterates D1 fabric?); Qz+Fp+3%Bt+1%WM); weakly boudinaged within FGS.	C65997	680.83	681.14	0.31	0.232	AGAT_FAICP		
681.14	**683.50**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS-BI is dark grey and medium grey; weakly banded (compositional layering or possible migmatization); fg; mod. to strongly foliated; 15% Bt; 0.25% Po+Py as fg diss. blebs. 21cm wide PEG-GR at 682.95m (pink and grey; massive; pegmatitic; Qz+KFp+Bt).	C65999	681.14	682.14	1	0.053	AGAT_FAICP		
			C66000	682.14	682.9	0.76	0.134	AGAT_FAICP		
			C70729	682.9	683.2	0.3	0.069	AGAT_FAICP		
			C70730	683.2	683.5	0.3	0.076	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
683.50	**695.47**	**(FGG) Felsic Gneiss Granitic, ( )** Felsic gneiss (granitic); mostly pink/redish; locally light grey; fg and mg; overall 4% Bt (fg); 7% WM (fg flakes to cg whisps // S1); 3% Sil (// S1); local QzFp veinlets (pegmatitic and migmatitic); overall mod. foliated with common weakly and more strongly foliated levels. Tr. Py. Small strongly ilmenite-altered FGS-BI sleevers at 685m.	C70731	683.5	684.5	1	0.175	AGAT_FAICP		
			C70733	684.5	685.5	1	0.192	AGAT_FAICP		
			C70734	685.5	686.5	1	0.337	AGAT_FAICP		
			C70735	686.5	687.5	1	0.55	AGAT_FAICP		
			C70736	687.5	688.5	1	0.297	AGAT_FAICP		
			C70737	688.5	689.5	1	0.258	AGAT_FAICP		
			C70739	689.5	690.5	1	0.083	AGAT_FAICP		
			C70740	690.5	691.5	1	0.116	AGAT_FAICP		
			C70741	691.5	692.5	1	0.168	AGAT_FAICP		
			C70742	692.5	693.5	1	0.192	AGAT_FAICP		
			C70743	693.5	694.5	1	0.123	AGAT_FAICP		
			C70744	694.5	695.47	0.97	0.041	AGAT_FAICP		
695.47	**696.92**	**(DIA) Diabase Dike, ( )** Diabase dyke; black; locally beige (Ser-altered halo around late Cb veinlet); massive; weakly magnetic; vfg with fg Fp phenocrysts. Thin Cb veinlets throughout.	C70745	695.47	696.92	1.45	0.075	AGAT_FAICP		
696.92	**703.54**	**(FGG) Felsic Gneiss Granitic, ( )** Continuity of FGG unit uphole above diabase dyke. Felsic gneiss (granitic) is mostly pink/redish; locally light grey; fg and mg; overall 3% Bt (fg); 7% WM (fg flakes to cg whisps // S1); 3% Sil (// S1); some small QzFp+/-WM veinlets (pegmatitic and migmatitic); overall mod. foliated with common weakly foliated levels. Tr. Py. 3cm thick DIA dykelet at 702.77m. Irregular lower contact with FGS-BI.	C70747	696.92	697.92	1	0.183	AGAT_FAICP		
			C70748	697.92	698.92	1	0.1	AGAT_FAICP		
			C70749	698.92	699.92	1	0.242	AGAT_FAICP		
			C70750	699.92	700.92	1	0.087	AGAT_FAICP		
			C70751	700.92	701.92	1	0.073	AGAT_FAICP		
			C70753	701.92	702.54	0.62	0.05	AGAT_FAICP		
			C70754	702.54	703.54	1	0.2	AGAT_FAICP		
703.54	**705.41**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** FGS-BI interval is mostly pink/beige (strongly Ser-KFp-altered haloes around late QzCb veinlets); locally dark grey (less altered); fg; mod. foliated; 12% Bt in non-altered levels. Local thin Qz veinlets // S1; local thin QzCb veinlets. Lower contact with GBFG shows a 3cm thick DIA dykelet.	C70755	703.54	704.54	1	0.149	AGAT_FAICP		
			C70756	704.54	705.41	0.87	0.018	AGAT_FAICP		
705.41	**713.56**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70757	705.41	706.41	1	0.032	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Garnet biotite felsic gneiss; very dark grey; locally beige/brownish (Ser-Ilm-altered around late QzCb veinlets; strongly foliated; pervasively moderately silicified; some QV1 (Qz+Po+Py) veinlets // S1 and pods; strongly magnetic (Mt; Po); weakly banded (common cm thick grey FGS bands); abundant Bt; 6% Gt (fg to mg porphyroclasts; locally as aggregates); 4% WM+ Sil (fg to mg whisps and blades // S1); 0.75% Po+Py as diss. blebs. Rare QzFp veinlets.	C70760	706.41	707.41	1	0.091	AGAT_FAICP		
			C70761	707.41	708.41	1	0.057	AGAT_FAICP		
			C70762	708.41	708.71	0.3	0.143	AGAT_FAICP		
			C70763	708.71	709.71	1	0.095	AGAT_FAICP		
			C70764	709.71	710.71	1	0.073	AGAT_FAICP		
			C70765	710.71	711.71	1	0.056	AGAT_FAICP		
			C70767	711.71	712.6	0.89	0.028	AGAT_FAICP		
			C70768	712.6	712.9	0.3	0.015	AGAT_FAICP		
			C70769	712.9	713.56	0.66	0.023	AGAT_FAICP		
713.56	**715.22**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass**	C70770	713.56	714.56	1	0.01	AGAT_FAICP		
		Logged as diorite for consistency but more likely a crystal tuff? Very dark grey; moderately foliated; fg matrix with abundant light grey Qz+Fp poprhyroclasts ("porphyrytic" texture); not typical night sky texture but close. Tr. Py+Po.	C70771	714.56	715.22	0.66	0.016	AGAT_FAICP		
715.22	**715.71**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C70773	715.22	715.71	0.49	0.021	AGAT_FAICP		
		Small GBFG level withi "DIO" interval; hosting a 25cm wide QV2 (white Qz +/- light green Fp +tr. Py; strong competency contrast). GBFG is very dark grey; strongly foliated; strongly magnetic (Mt; Po); fg; S1 is folded (drag/passive folds) against QV2 suggesting an interboudin vein.								
715.71	**719.15**	**(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass**	C70774	715.71	716.71	1	0.005	AGAT_FAICP		
		Similar DIO-P1 as 713.56-715.22m. Logged as diorite for consistency but more likely a crystal tuff? Very dark grey; locally light brown (thin Ser-altered haloes around late QzCb veinlets). Moderately foliated; fg matrix (12% Bt; 2% Ep) with abundant light grey Qz+Fp poprhyroclasts ("porphyrytic" texture); not typical night sky texture. Local thin Qz veinlets // S1 and Qz pods from 718.34 to 7186m. Some late Ep-rich veinlets. Tr. Py.	C70775	716.71	717.71	1	0.003	AGAT_FAICP		
			C70776	717.71	718.3	0.59	0.006	AGAT_FAICP		
			C70777	718.3	718.6	0.3	0.002	AGAT_FAICP		
			C70779	718.6	719.15	0.55	0.025	AGAT_FAICP		
719.15	**720.12**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70780	719.15	720.12	0.97	0.005	AGAT_FAICP		
		Quartz feldspar porphyry (more likely a crystal tuff or micro-conglomerate); dark grey; fg matrix (10% Bt; tr. Amp) with abundant mg to cg Qz+Fp porphyroclasts. Tr. Py.								
720.12	**722.53**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70781	720.12	721.12	1	0.008	AGAT_FAICP		
		KFp-altered equivalent of the QFP unit uphole (upper altered halo of the LAMP dyke downhole). QFP (more likely a crystal tuff or micro-conglomerate) is pink/redish (strongly KFp-altered); greenish/beige (Ser-altered); fg matrix (10% Bt) with abundant mg to cg redish	C70782	721.12	722.12	1	0.015	AGAT_FAICP		
			C70783	722.12	722.53	0.41	0.014	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Qz+Fp porphyroclasts. Rare green amphibolitic cm bombs/clasts. QzCb veinlets near lower contact with LAMP. 2cm thick strong fault breccia against lower contact. No visible sulphide.								
722.53	**723.10**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C70784	722.53	723.1	0.57	0.06	AGAT_FAICP		
		UMD-Lamprophyre dyke; kaki green; massive; non-magnetic; vfg-fg; upper part is strongly brecciated against QFP. Mod. fractured. Probable source of strong KFP-alteration of surrounding QFP and FGS.								
723.10	**723.90**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70785	723.1	723.9	0.8	0.034	AGAT_FAICP		
		FGS-BI is orangey; strongly KFp-altered against LAMP dyke uphole. Fg; mod. foliated; no visible sulphide.								
723.90	**728.40**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70787	723.9	724.9	1	0.029	AGAT_FAICP		
		Similar "QFP" unit as interval above UMD LAMP dyke uphole. QFP is more likely a crystal tuff or micro-conglomerate. QFP is strongly KFp-Ser-altered from top to 725.5m (orange/redish below LAMP); then dark grey/greenish; and also strongly altered in lats 50cm. Fg matrix (10% Bt) with abundant mg to cg redish Qz+Fp porphyroclasts. Thin Qz veinlets around 724.6m. Some late QzCb veinlets. Tr. Py.	C70788	724.9	725.9	1	0.015	AGAT_FAICP		
			C70789	725.9	726.9	1	0.016	AGAT_FAICP		
			C70790	726.9	727.9	1	0.022	AGAT_FAICP		
			C70791	727.9	728.4	0.5	0.007	AGAT_FAICP		
728.40	**728.94**	**(AMP, QV) Amphibolite, Quartz Vein, (AMPIN) Intermediate Amphibolite (50-69% amphibole)**	C70793	728.4	728.94	0.54	0.037	AGAT_FAICP		
		Probable intermediate amphibolite; strongly KFp-Ser-altered; beige/brown;dark green;orangey; fg; mod. to strongly foliated; irregular 3-4cm thick QzCb(green) veinlet. Tr. Py.								
728.94	**730.85**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70794	728.94	729.5	0.56	0.048	AGAT_FAICP		
		Upper part of interval (down to 730.1m) looks like a strongly KFp-Ser-altered intermediate AMP (similar to unit uphole) but cg Qz+Fp porphyroclasts suggest QFP. Upper part is orangey/brownish/dark grey; mod. to strongly foliated; fg with some cg Qz-Fp porphyroclasts; KFp-Ser-altered haloes around late QzCb veinlets. Lower part is dark grey; mod. to strongly foliated; fg matrix (Bt-rich) with abundant Qz+Fp cg Qz porphyroclasts. Tr. Py.	C70795	729.5	730.1	0.6	0.019	AGAT_FAICP		
			C70796	730.1	730.85	0.75	0.014	AGAT_FAICP		
730.85	**731.57**	**(GBFG) Garnet Biotite Felsic Gneiss, ( )**	C70797	730.85	731.57	0.72	0.259	AGAT_FAICP		
		GBFG level is black and green; pervasively silicified (some QV1 veinlets // S1); fg to mg; 25% Bt; 30% Amp (medium green; likely retrograde Amp); no visible garnet; 0.5% Py; 0.25% Po; tr. Mt (weakly magnetic). Some thin QzFp veinlets // or oblique to S1 and boudinaged. Local open fold affecting S1 (possible F2 or passive fold against boudinaged QzFp veinlet).								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
731.57	**734.35**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70799	731.57	732.55	0.98	0.031	AGAT_FAICP		
Intermediate unit between FGS-Amp and intermediate AMP. More likley a greywacke or fg crystal tuff. Dark grey; pink/orangey from 733.3 to end (strongly KFp-Ser-altered); fg with common mg Qz-Fp porphyroclasts; 8% Bt; 4% Amp. 10cm thick boudinaged light grey QV2 (+/-Fp) at 732.59m (// S1). Some light grey veinlets (boudinaged) at lower contact with FGS-Qz Eyes. Weak ilmenite replacement of Bt (mustard yellow).			C70800	732.55	732.85	0.3	0.027	AGAT_FAICP		
			C70801	732.85	733.3	0.45	0.069	AGAT_FAICP		
			C70802	733.3	734	0.7	0.033	AGAT_FAICP		
			C70803	734	734.35	0.35	0.159	AGAT_FAICP		
734.35	**740.47**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70804	734.35	734.9	0.55	0.035	AGAT_FAICP		
FGS-Quartz Eyes does not show typical QFP texture. Dark grey; locally orangey/redish from top to 734.85m; fg-mg matrix (Qz;Fp;12% Bt) with very abundant Qz+Fp cg porphyroclasts. Local thin late QzCb veinlets. Tr. Py.			C70805	734.9	735.9	1	0.07	AGAT_FAICP		
			C70807	735.9	736.9	1	0.025	AGAT_FAICP		
			C70808	736.9	737.9	1	0.027	AGAT_FAICP		
			C70809	737.9	738.9	1	0.023	AGAT_FAICP		
			C70810	738.9	739.9	1	0.079	AGAT_FAICP		
			C70811	739.9	740.47	0.57	0.024	AGAT_FAICP		
740.47	**740.80**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C70813	740.47	740.8	0.33	0.029	AGAT_FAICP		
Small dark grey FGS-BI; fg; mod. foliated; 10% Bt; tr. Py.										
740.80	**750.30**	**(QFP) Quartz Feldspar Porphyry, ( )**	C70814	740.8	741.8	1	0.011	AGAT_FAICP		
Logged as QFP; more likely a detrital metasediment. Dark grey; locally orangey/redish (thin KFp-altered haloes around late QzCb veinlets); mod. foliated; fg matrix (8% Bt; 1% Amp); with very abundant Qz+Fp porphyroclasts ("porphyrytic" texture). Overall 0.25% Py (0.5% Py from 748 to 750m). Local green centimetric amphibolitic bombs/clasts. Some thin redish KFp-altered haloes around late QzCb(green) veinlets. Local Qz veinlets; QzFpEpPy veinlets.			C70815	741.8	742.8	1	0.012	AGAT_FAICP		
			C70816	742.8	743.8	1	0.017	AGAT_FAICP		
			C70817	743.8	744.8	1	0.021	AGAT_FAICP		
			C70819	744.8	745.8	1	0.038	AGAT_FAICP		
			C70820	745.8	746.8	1	0.017	AGAT_FAICP		
			C70821	746.8	747.8	1	0.031	AGAT_FAICP		
			C70822	747.8	748.8	1	0.025	AGAT_FAICP		
			C70823	748.8	749.8	1	0.029	AGAT_FAICP		
			C70824	749.8	750.3	0.5	0.019	AGAT_FAICP		
750.30	**750.64**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C70825	750.3	750.64	0.34	0.012	AGAT_FAICP		
Small UMD-LAMP; kaki green/greyish; massive; weakly magnetic; vfg-fg with fg Cb										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
phenocrysts; converging contacts.										
750.64	**758.60**	**(QFP) Quartz Feldspar Porphyry, ( )** Continuity of QFP unit uphole above UMD. Logged as QFP but more likely a detrital metasediment. Dark grey; locally orangey/redish (thin KFp-altered haloes around late QzCb veinlets); mod. foliated; fg matrix (8% Bt; 1% Amp); with very abundant Qz+Fp porphyroclasts ("porphyrytic" texture). Overall 0.25% Py; local green centimetric amphibolitic bombs/clasts; rare thin QzAmpEpPy veinlet; local thin redish/beige KFp-Ser-Ilm altered haloes around late QzCb(green) veinlets. Weakly magnetic (0.25% Mt).	C70827	750.64	751.64	1	0.044	AGAT_FAICP		
			C70828	751.64	752.64	1	0.071	AGAT_FAICP		
			C70829	752.64	753.64	1	0.042	AGAT_FAICP		
			C70830	753.64	754.64	1	0.025	AGAT_FAICP		
			C70831	754.64	755.64	1	0.017	AGAT_FAICP		
			C70833	755.64	756.64	1	0.016	AGAT_FAICP		
			C70834	756.64	757.64	1	0.005	AGAT_FAICP		
			C70835	757.64	758.6	0.96	0.008	AGAT_FAICP		
758.60	**759.23**	**(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone** Small FGS level within QFP interval (// S1); progressive contacts; dark grey; fg; mod. foliated; 0.25% Py; 8% Bt; 2% Amp. Rare Qz veinlet.	C70836	758.6	759.23	0.63	0.019	AGAT_FAICP		
759.23	**763.56**	**(QFP) Quartz Feldspar Porphyry, ( )** Continuity of QFP unit uphole above small FGS level. Logged as QFP but more likely a detrital metasediment. Dark grey; locally orangey/redish (thin KFp-altered haloes around late QzCb veinlets); mod. foliated; fg matrix (8% Bt; 1% Amp); with very abundant Qz+Fp porphyroclasts ("porphyrytic" texture). Overall 0.25% Py; rare thin Qz veinlets oblique to S1; local thin redish/beige KFp-Ser-Ilm altered haloes around late QzCb veinlets. Weakly magnetic (0.25% Mt).	C70837	759.23	760.23	1	0.026	AGAT_FAICP		
			C70839	760.23	761.23	1	0.021	AGAT_FAICP		
			C70840	761.23	762.23	1	0.022	AGAT_FAICP		
			C70841	762.23	763.23	1	0.011	AGAT_FAICP		
			C70842	763.23	763.56	0.33	0.007	AGAT_FAICP		
763.56	**764.00**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Small UMD-LAMP dyke; very dark grey/black; massive; vfg-fg; mod. to strongly magnetic. Few Cb veinlets // contacts.	C70843	763.56	764	0.44	0.008	AGAT_FAICP		
764.00	**765.58**	**(QFP) Quartz Feldspar Porphyry, ( )** Continuity of QFP unit uphole above LAMP dyke. Logged as QFP but more likely a detrital metasediment. Dark grey; orangey/redish from 764.72 to end (KFp-Ser-altered haloes around QzCb veinlets); mod. foliated; fg matrix (8% Bt; 2% Amp); with very abundant Qz+Fp porphyroclasts ("porphyrytic" texture). Overall 0.25% Py; rare thin QzFp veinlets.	C70844	764	764.72	0.72	0.01	AGAT_FAICP		
			C70845	764.72	765.58	0.86	0.018	AGAT_FAICP		
765.58	**766.53**	**(DIA) Diabase Dike, ( )** Diabase dyke; very dark grey; massive; mod. magnetic; porphyrytic texture; vfg with fg Fp	C70847	765.58	766.53	0.95	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
phenocrysts. Few Cb veinlets.										
766.53	**775.44**	**(QFP) Quartz Feldspar Porphyry, ( )** Continuity of QFP unit uphole above DIA dyke. Logged as QFP but more likely a detrital metasediment. Dark to very dark grey; locally orangey/pink (small KFp-Ser-altered haloes around late QzCb veinlets); mod. to strongly (near lower contact) foliated; fg matrix (9% Bt; 1% Amp); with very abundant Qz+Fp porphyroclasts ("porphyrytic" texture); mod. stretched // L1 especially in lower part. Tr. Py; very rare thin QzFp veinlets. Tr. amethyste.	C70848	766.53	767.53	1	0.014	AGAT_FAICP		
			C70849	767.53	768.53	1	0.015	AGAT_FAICP		
			C70850	768.53	769.53	1	0.012	AGAT_FAICP		
			C70851	769.53	770.53	1	0.015	AGAT_FAICP		
			C70853	770.53	771.53	1	0.018	AGAT_FAICP		
			C70854	771.53	772.53	1	0.008	AGAT_FAICP		
			C70855	772.53	773.3	0.77	0.02	AGAT_FAICP		
			C70856	773.3	774.3	1	0.077	AGAT_FAICP		
			C70857	774.3	775	0.7	0.011	AGAT_FAICP		
			C70859	775	775.41	0.41	0.051	AGAT_FAICP		
775.44	**775.68**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke** Small UMD-LAMP dyke; very dark grey with green selvages; massive; vfg-fg; porphyrytic (Cb); mod. to strongly magnetic.	C70860	775.41	775.71	0.3	0.005	AGAT_FAICP		
775.68	**776.14**	**(QFP) Quartz Feldspar Porphyry, ( )** Continuity and end of the large QFP interval uphole. Logged as QFP but more likely a detrital metasediment. Very dark grey; strongly foliated; fg matrix (10% Bt; 1% Amp); with very abundant Qz+Fp porphyroclasts ("porphyrytic" texture); strong stretching lineation L1 (Qz+Fp elongated). Tr. Py.	C70861	775.71	776.14	0.43	0.042	AGAT_FAICP		
776.14	**778.77**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** Start of lower mineralized zone. Garnet biotite felsic gneiss with 5% intermixed QV1-VG veinlets and pervasive moderate silicification. GBFG is black and dark grey; strongly to moderately foliated; moderately stretched; non-magnetic; 35% Bt; 8% fg-cg Gt porphyroblasts (purple/redish); 1% WM+SIL; 0.75% Po+0.75% Py as vfg-fg diss. blebs and thin veinlets // S1; some coarser grained levels; local Ser-Ilm-KFp-altered haloes around rare late QzCbMo veinlets. 5% intermixed QV1-VG veinlets // S1; <2cm thick; locally crenulated; locally tightly F1-folded // S1; smokey grey to light grey; locally boudinaged; x1 VG speck (<0.5mm wide; free gold in Qz) at 778.77m.	C70863	776.14	776.7	0.56	2.68	AGAT_FAICP		
			C70864	776.7	777.2	0.5	0.66	AGAT_FAICP		
			C70865	777.2	777.9	0.7	4.3	AGAT_FAGRA		
			C70867	777.9	778.47	0.57	6.8	AGAT_FAGRA		
			C70868	778.47	778.77	0.3	4.88	AGAT_FAICP	Yes	
778.77	**779.80**	**(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, ( )** Strongly KFp-Ser-altered continuity of GBFG uphole; with 25% PEG-GR boudin neck veinlets. GBFG is beige/brownish; strongly foliated; with 5% QzV1 veinlets // S1; fg-mg; Bt and Gt almost fully altered (brown Ilm? Ser?); 0.25% Py; S1 is passively folded around PEG-GR veinlets. PEG-GR are medium grey and pale pink; massive; cg-vcg; pegmatitic;	C70870	778.77	779.4	0.63	2.04	AGAT_FAICP		
			C70871	779.4	779.8	0.4	1.3	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Qz+KFp+Bt; open at high angle to S1.										
779.80	**782.32**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C70873	779.8	780.4	0.6	7.2	AGAT_FAGRA		
Similar GBFG to 776.14-778.77m; but weakly magnetic and with 1% WM+SIL. GBFG has 5% intermixed QV1 and QzFp veinlets and is pervasively moderately silicificed GBFG is black and dark grey; locally beige/pink (KFp-Ser-altered from 780.83 to 781.25m); strongly to moderately foliated; moderately stretched; weakly magnetic; 35% Bt; 8% fg-cg Gt porphyroblasts (purple/redish); 1% WM+Sil; 1% Po+1% Py as vfg-fg diss. blebs and thin veinlets // S1; lower part is coarser grained.		C70874	780.4	780.83	0.43	5.9	AGAT_FAGRA		
			C70875	780.83	781.25	0.42	3.81	AGAT_FAICP		
			C70876	781.25	782.32	1.07	3.6	AGAT_FAICP		Sample length is actually 71cm; due to shorter run (2.53m) after switching to 3m core barrel.
782.32	**782.76**	**(AMP) Amphibolite, ( )**	C70877	782.32	782.76	0.44	0.674	AGAT_FAICP		
Small amphibolitic level tighly F2-folded within GBFG unit. Most likely F2 fold. Contacts are // S1 but small felsic sleever in lower part shows a tight F2 fold; and GBFG shows fine S1 is crenulated; deformed by F2). AMP is dark green and grey; fg-mg; mod. to strongly foliated; 5-10% Bt.										
782.76	**790.11**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )**	C70879	782.76	783.76	1	7.4	AGAT_FAGRA		
GBFG is strongly pervasively silicified; with common QV1 veinlets (local QV1-VG) // S1. Dark grey and black; strongly foliated; locally banded (high density of <1cm thick QV1 veinlets // S1); locally strongly silicified (788.31-789.81m; S1 fabric obliterated by QV1); fg-mg; weakly magnetic; 30% Bt; 8% fg-mg Gt porphyroblasts (locally as small aggregates); 2% WM+SIL (fg to mg whisps and blades // S1); overall 1% Py + 1% Po as diss. blebs and local higher concentrations // S0-S1. x1 VG speck at 786.22m (<0.5mm wide; free gold in Qz in QV1 // S1). Lower 30cm of GBFG are less silicified. At 785.38m: 13cm thick QzFp(pale green)PoPy boudin neck vein open at high angle to S1. Overall 40% QV1 as thin QV1 veinlets // S1 (medium to smokey grey; fg-mg; 1-2% Po+Py + tr. WM); locally as higher density.		C70880	783.76	784.76	1	8	AGAT_FAGRA		
			C70881	784.76	785.3	0.54	6.1	AGAT_FAGRA		
			C70882	785.3	785.6	0.3	3.38	AGAT_FAICP		
			C70883	785.6	786.1	0.5	4.38	AGAT_FAICP		
			C70884	786.1	786.4	0.3	2.91	AGAT_FAICP	Yes	
			C70887	786.4	787.3	0.9	4.72	AGAT_FAICP		
			C70888	787.3	787.6	0.3	5.5	AGAT_FAGRA		
			C70889	787.6	788.31	0.71	15.8	AGAT_FAGRA		
			C70890	788.31	789	0.69	6.3	AGAT_FAGRA		
			C70891	789	789.81	0.81	7.7	AGAT_FAGRA		
			C70893	789.81	790.11	0.3	1.03	AGAT_FAICP		
790.11	**790.54**	**(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc**	C70894	790.11	790.54	0.43	7.7	AGAT_FAGRA		
QV1 as pervasively intensively silicified GBFG; medium and dark grey; mg-cg Qz+Fp(light grey and pale green)+Bt granular levels with Bt laminations // S1 (GBFG relicts); 2% Po+Py as fg-mg blebs and small masses // S1; tr. WM.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
790.54	**791.55**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Continuity of QV1 interval; with VG specks (x8 from 791.07 to 791.39m; up to 1mm wide; free gold in Qz) and 10% GBFG relicts in lower part. Overall light to dark grey; upper part is more homegeneous and massive; lower part has 10% has strongly foliated; banded; fg. 3% Po+Py as fg-mg diss. blebs and small masses often // S1 relicts. QV1 are weakly boudinaged.	C70895	790.54	791	0.46	11.8	AGAT_FAGRA		
			C70896	791	791.55	0.55	48.6	AGAT_FAGRA	Yes	
791.55	**792.05**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** Continuity of QV1-VG interval; QV1 as pervasively intensively silicified GBFG; light grey (Qz); very pale green (Fp); medium grey (Qz); mg-cg Qz+Fp+Bt; massive with 5% GBFG relicts in lower part. x3 specks of free gold in Qz from 791.68 to 791.71m. Overall 0.25% Po+Py as fg-mg blebs; tr. light blue beryl.	C70897	791.55	792.05	0.5	34	AGAT_FAGRA	Yes	
792.05	**793.30**	**(QFP) Quartz Feldspar Porphyry, ( )** QFP is very dark grey; mod. foliated; mod. stretched; fg matrix (20% Bt+Qz+Fp) with abundant mg-cg Qz+Fp porphyroclasts ("porphyrytic" texture); pervasively moderately silicified; tr. Py; no QV1 observed.	C70900	792.05	792.8	0.75	0.122	AGAT_FAICP		
			C70901	792.8	793.3	0.5	1.62	AGAT_FAICP		
793.30	**793.85**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** Strongly pervasively silicified GBFG with 25% intermixed QV1-VG veinlets. GBFG is medium to dark grey; strongly banded; strongly foliated; 15% Bt; tr. WM; 2% Po+Py. QV1 are <4cm thick; light to smokey grey; massive; // S1; Qz+WM+/-Fp+ tr. Po+Py. x1 VG speck at 793.53m (<0.5mm wide; free gold in Qz).	C70902	793.3	793.85	0.55	10	AGAT_FAGRA	Yes	
793.85	**794.08**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1-VG as intensively silicified GBFG; smokey to medium grey; 1% WM; 5% GBFG relicts as Bt-rich bands // S1; overall 2% Po+Py as diss. blebs and small masses. x1 VG speck near upper contact (0.5mm wide; free gold in Qz).	C70903	793.85	794.15	0.3	10.2	AGAT_FAGRA	Yes	
794.08	**794.81**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** GBFG is strongly pervasively silicified; with 10% intermixed QV1 // S1. GBFG is medium grey; weakly banded; strongly foliated; fg; 5% Bt; 5% WM+SIL; 1.5% Po+Py. QV1 are <2cm thick; grey; weakly boudinaged.	C70905	794.15	794.81	0.66	8.7	AGAT_FAGRA		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
794.81	**795.60**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 (intensively silicified GBFG) with 25% GBFG relicts // S1. QV1-VG are light and medium grey; mg-cg; tr. WM; 1% Po+Py; x2 VG specks at 194.84m (up to 1mm wide; free gold in Qz); x1 VG speck at 795.28m (0.75mm wide; free gold in Qz). QV1 are weakly boudinaged.	C70907	794.81	795.2	0.39	13.2	AGAT_FAGRA	Yes	
			C70908	795.2	795.6	0.4	12.8	AGAT_FAGRA	Yes	
795.60	**795.97**	**(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ( )** GBFG is moderately pervasively silicified; with 25% intermixed QV1. GBFG is black and grey; strongly foliated; weakly banded (QV1 veinlets // S1); fg with 1% fg-mg Gt porphyroblasts; 25% Bt. QV1 are <1cm thickl grey; // S1.	C70910	795.6	795.97	0.37	3.7	AGAT_FAICP		
795.97	**796.28**	**(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc** QV1 as intensively silicified GBFG. QV1 are medium grey (Qz) and white (Fp); look more migmatitic than all QV1 uphole; tr. Bt; 1% Po+Py. GBFG is Bt rich; strongly foliated; relicts between QV1 veinlets.	C70911	795.97	796.28	0.31	13	AGAT_FAGRA		
796.28	**799.26**	**(DIO) Diorite, (DIOP2) Crosscuts the gold zone (BI, AM)** Diorite P2; green and grey; strongly foliated; weakly stretched Amp (not obvious enough to measure); fg with 15% fg-mg amphiboles // S1; 3% Bt. Tr. Py. Local QzFpAmp veinlet weakly boudinaged // S1. Contacts // S1.	C70913	796.28	797.28	1	0.023	AGAT_FAICP		
			C70914	797.28	798.28	1	0.073	AGAT_FAICP		
			C70915	798.28	799.26	0.98	0.037	AGAT_FAICP		
799.26	**801.48**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS with common Qz Eyes texture; strongly pervasively silicified (no visible QV1); medium grey; fg matrix (including 4% Bt) with cg Qz porphyroclasts; mod. to strongly foliated; some thin QzFp veinlets // S1 (weakly boudinaged) or open at high angle to S1 (possibly tension veinlet). Overall 0.5% Po+Py as diss. blebs and bands // S1. Local KFp-Ser-altered haloes around late Qz veinlets.	C70916	799.26	800.26	1	0.443	AGAT_FAICP		
			C70917	800.26	801	0.74	1.17	AGAT_FAICP		
			C70919	801	801.48	0.48	0.731	AGAT_FAICP		
801.48	**804.69**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is migmatitic; strongly pervasively silicified; medium grey; locally pink (KFp-Ser-altered haloes around late QzCb veinlets); fg-mg; more granular (S1 fabrics obliterated by partial melting); no obvious leucosome/melanosome but some thin irregular QzFpBt veinlets with diffuse contacts. Overal 0.25% Po+Py as diss. blebs.	C70920	801.48	802.48	1	0.491	AGAT_FAICP		
			C70921	802.48	803.48	1	0.396	AGAT_FAICP		
			C70922	803.48	804.69	1.21	0.181	AGAT_FAICP		
804.69	**806.65**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic pegmatite with 10% FGS-BI relicts. PEG is mostly pink and light green; massive;	C70923	804.69	805.07	0.38	0.112	AGAT_FAICP		
			C70924	805.07	806.07	1	0.079	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
pegmatitic texture (cg-vcg); Qz+KFp+Bt booklets; 0.5% Po+Py (mg-cg); some Qz-richer levels. Converging contacts.			C70925	806.07	806.65	0.58	0.122	AGAT_FAICP		
806.65	**810.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70927	806.65	807.65	1	0.477	AGAT_FAICP		
Continuity of FGS uphole above PEG. FGS is medium to dark grey; weakly to mod. foliated; fg to mg; locally migmatitic (mg; more granular; less foliated); weak compositional layering // S1; 5% Bt; 0.25% Po+Py as diss. fg blebs. Local Qz veinlet deformed by ptygmatic folds. Local depletion haloes around mg Bt.			C70928	807.65	808.65	1	0.241	AGAT_FAICP		
			C70929	808.65	809	0.35	0.124	AGAT_FAICP		
			C70930	809	810	1	0.063	AGAT_FAICP		
810.00	**814.95**	**(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS**	C70931	810	811	1	0.278	AGAT_FAICP		
FGS with 1-2% white micas; continuity of FGS unit uphole but lighter grey; mod. to weakly foliated; pervasively moderately silicified; fg-mg; local Bt-rich bands and levels // S1 (8cm thick at 812.65m); overal 0.25% Po+Py as diss. blebs and small masses. Some pale green Ser-altered haloes around late QzCb veinlets.			C70933	811	812	1	0.382	AGAT_FAICP		
			C70934	812	812.4	0.4	0.551	AGAT_FAICP		
			C70935	812.4	812.85	0.45	0.884	AGAT_FAICP		
			C70936	812.85	813.85	1	0.464	AGAT_FAICP		
			C70937	813.85	814.95	1.1	0.335	AGAT_FAICP		
814.95	**819.00**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70939	814.95	815.95	1	0.478	AGAT_FAICP		
Continuity of FGS unit uphole but no WM and slightly darker grey; and relatively higher compositional layering. Mod. to weakly foliated; pervasively moderately silicified; fg-mg; local Bt-rich bands // S1; local Amp-rich thin bands; overal 0.25% Po+Py as diss. blebs and small masses. Some pale green Ser-altered haloes around late QzCb veinlets.			C70940	815.95	816.95	1	0.275	AGAT_FAICP		
			C70941	816.95	817.95	1	0.163	AGAT_FAICP		
			C70942	817.95	819	1.05	0.299	AGAT_FAICP		
819.00	**825.67**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite**	C70943	819	819.6	0.6	0.367	AGAT_FAICP		
Probably footwall amphibolite but no typical garnet. Green; local grey FGS interbedded sleever; some medium green Cpx-rich bands and masses (possibly pillow selvages) often boudinaged and tightly F1-folded within AMP. Moderately foliated; fg (mg Cpx masses); some QzFp+/-Po+Py veinlets (<15cm wide) mostly in interboudins. 15cm wide FGS near upper contact. Overall 0.75% Po+Py as diss. blebs and small masses in boudin neck veinlets. Local depletion texture haloes around mg Amp. Lower contact with FGS is tightly F1-folded (top to the SE vergence).			C70944	819.6	820.1	0.5	0.245	AGAT_FAICP		
			C70945	820.1	820.64	0.54	0.26	AGAT_FAICP		
			C70947	820.64	821.64	1	0.522	AGAT_FAICP		
			C70948	821.64	822.64	1	0.254	AGAT_FAICP		
			C70949	822.64	823.64	1	0.303	AGAT_FAICP		
			C70950	823.64	824.64	1	0.447	AGAT_FAICP		
			C70951	824.64	825.37	0.73	0.464	AGAT_FAICP		
			C70953	825.37	825.67	0.3	0.214	AGAT_FAICP		
825.67	**826.85**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C70954	825.67	826.85	1.18	0.134	AGAT_FAICP		
FGS-FW is dark grey; slightly brown (6% vfg-fg Bt); 5% Amp as very thin bands // S0 (locally										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		affected by tight F1 folds); locally depletion haloes around mg Amp. Weakly to moderately foliated; tr. Po+Py; upper contact with AMP-FW is tightly F1-folded (top to the SE vergence).								
826.85	**827.80**	**(AMP) Amphibolite, (AMPFW) Footwall Amphibolite** AMP level; probably footwall (no Gt); dark green and grey (thin FGS interbedded sleevers); some medium green Cpx-rich bands and masses. Weakly to mod. foliated; fg; local depletion haloes around mg Amp. Overall 0.75% Po+/-Py. Some thin Ser-altered haloes around late QzCb veinlets.	C70955	826.85	827.8	0.95	0.198	AGAT_FAICP		
827.80	**839.44**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS-FW is medium to dark grey; mod. foliated; fg to mg; 4% Bt; 3% Amp as diss. blebs and thin bands (often with depletion halo texture); moderately stretched; some white and pale green Qz+Fp+/-Po+/-Py veinlets weakly boudinaged. Overall 0.25% Po+Py as diss. blebs and in Qz veinlets.	C70956	827.8	828.8	1	0.074	AGAT_FAICP		
			C70957	828.8	829.8	1	0.028	AGAT_FAICP		
			C70959	829.8	830.45	0.65	0.095	AGAT_FAICP		
			C70960	830.45	830.88	0.43	1.22	AGAT_FAICP		
			C70961	830.88	831.88	1	1.01	AGAT_FAICP		
			C70962	831.88	832.88	1	0.281	AGAT_FAICP		
			C70963	832.88	833.4	0.52	0.17	AGAT_FAICP		
			C70964	833.4	833.75	0.35	0.094	AGAT_FAICP		
			C70965	833.75	834.75	1	0.15	AGAT_FAICP		
			C70967	834.75	835.75	1	0.322	AGAT_FAICP		
			C70968	835.75	836.75	1	0.543	AGAT_FAICP		
			C70969	836.75	837.75	1	0.486	AGAT_FAICP		
			C70970	837.75	838.75	1	0.248	AGAT_FAICP		
			C70971	838.75	839.44	0.69	0.067	AGAT_FAICP		
839.44	**839.90**	**(PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz)** PEG-GR with 15% AMP sleever (PEG injected into small AMP level within large FGS interval). PEG-GR is pink; light grey; pale green; cg-vcg; pegmatitc; massive; Qz+KFp+Bt.	C70973	839.44	839.9	0.46	0.035	AGAT_FAICP		
839.90	**850.50**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS-FW unit 827.8-839.44m. FGS is medium to dark grey; mod. to weakly foliated; fg to mg; 4% Bt; 3% Amp as diss. blebs and thin bands (locally with depletion halo texture); locally moderately stretched; some white and pale green Qz+Fp+/-Po+/-Py veinlets weakly boudinaged. Overall 0.25% Po+Py as diss. blebs and in Qz veinlets. Local thin ptygmatic Qz veinlet. Upper contact with PEG-GR is irregular.	C70974	839.9	840.9	1	0.125	AGAT_FAICP		
			C70975	840.9	841.9	1	0.29	AGAT_FAICP		
			C70976	841.9	842.9	1	0.176	AGAT_FAICP		
			C70977	842.9	843.9	1	0.408	AGAT_FAICP		
			C70979	843.9	844.9	1	0.108	AGAT_FAICP		
			C70980	844.9	845.9	1	0.103	AGAT_FAICP		

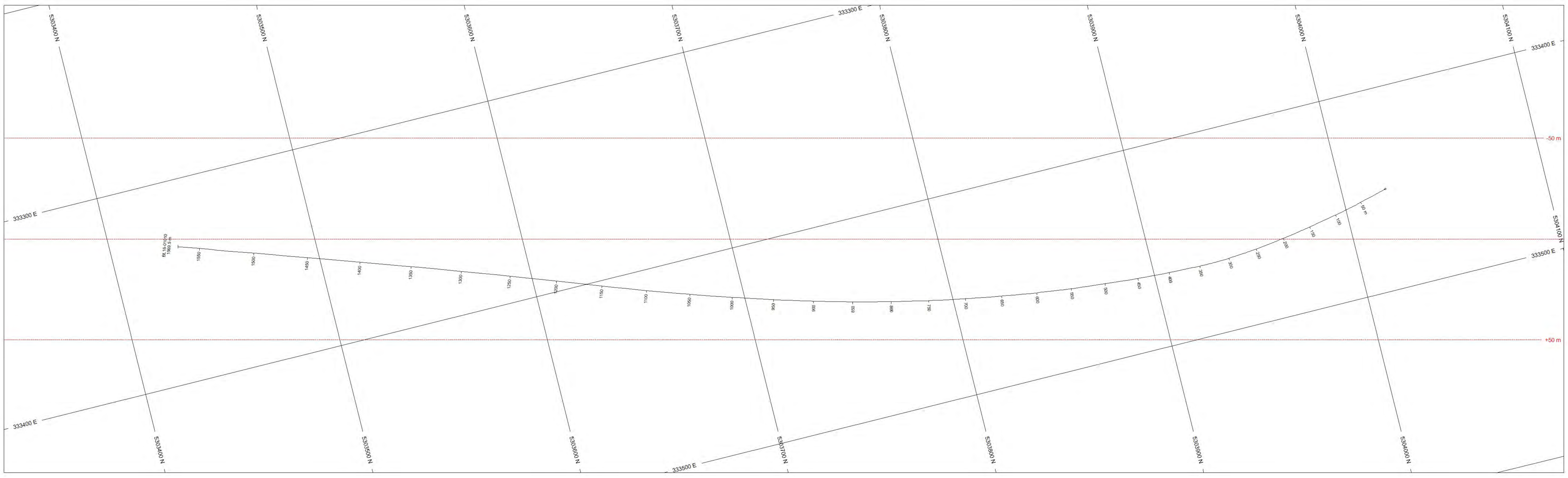
From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C70981	845.9	846.9	1	0.077	AGAT_FAICP		
			C70982	846.9	847.9	1	0.051	AGAT_FAICP		
			C70983	847.9	848.9	1	0.089	AGAT_FAICP		
			C70984	848.9	849.9	1	0.127	AGAT_FAICP		
			C70985	849.9	850.5	0.6	0.199	AGAT_FAICP		
850.50	**851.49**	**(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)** 60% of PEG-QG veinlets within FGS (10% Bt). PEG is white; light grey; pale pink; pale green; Qz+KFp+/-Bt; as irregular veinlets boudinage dwithin FGS. FGS is dark grey; mod. foliated; 0.25% Po+Py.	C70987	850.5	851.49	0.99	0.061	AGAT_FAICP		
851.49	**854.95**	**(FGS) Felsic Gneiss Sedimentary, ( )** Similar FGS-FW to 839.9-850.5m; medium to dark grey; mod. foliated; fg to mg; 4% Bt; 3% Amp as diss. blebs and thin aggregates // S1; moderately stretched; tr. Py+Po.	C70988	851.49	852.49	1	0.105	AGAT_FAICP		
			C70989	852.49	853.49	1	0.082	AGAT_FAICP		
			C70990	853.49	854.49	1	0.25	AGAT_FAICP		
			C70991	854.49	854.95	0.46	0.059	AGAT_FAICP		
854.95	**855.85**	**(AMP) Amphibolite, ( )** Amphibolite is dark green; mod. foliated; fg-mg; 0.75% Po+/-Py as diss. blebs and thin bands // S1. Local QzPoPy veinlets. Some depletion texture haloes around mg Amp.	C70993	854.95	855.85	0.9	0.089	AGAT_FAICP		
855.85	**857.66**	**(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ( )** Similar FGS-FW to 851.49-854.95m; medium to dark grey; mod. foliated; fg to mg; 4% Bt; 3% Amp as diss. blebs and thin aggregates // S1; moderately stretched; tr. Py+Po; few thin QV2 (<6cm thick; // S1 and boudinaged.	C70994	855.85	856.85	1	0.029	AGAT_FAICP		
			C70995	856.85	857.66	0.81	0.012	AGAT_FAICP		
857.66	**858.10**	**(AMP) Amphibolite, ( )** Small amphibolite level interbedded in FGS footwall sequence; dark green; mod. foliated; fg-mg; 5% Bt; 1% Gt as fg-mg porphyroblasts in a thin band (S0). 3cm thick QzAmpGtPo veinlet.	C70996	857.66	858.1	0.44	0.109	AGAT_FAICP		
858.10	**864.63**	**(FGS) Felsic Gneiss Sedimentary, ( )** Continuity of FGS-FW sequence; with 5% interbedded AMP bands and levels (compositional layering) often showing depletion haloes around mg Amp. Weak compositional layering. FGS is medium to dark grey; mod. to weakly foliated; fg to mg; 6% Bt; 3% Amp; tr. Gt; few thin boudinaged QzFpPoPy veinlets and pods // S1 (<3cm thick). Overall 0.25% Po+Py as	C70997	858.1	859.1	1	0.058	AGAT_FAICP		
			C70999	859.1	860.1	1	0.019	AGAT_FAICP		
			C71000	860.1	860.58	0.48	0.013	AGAT_FAICP		

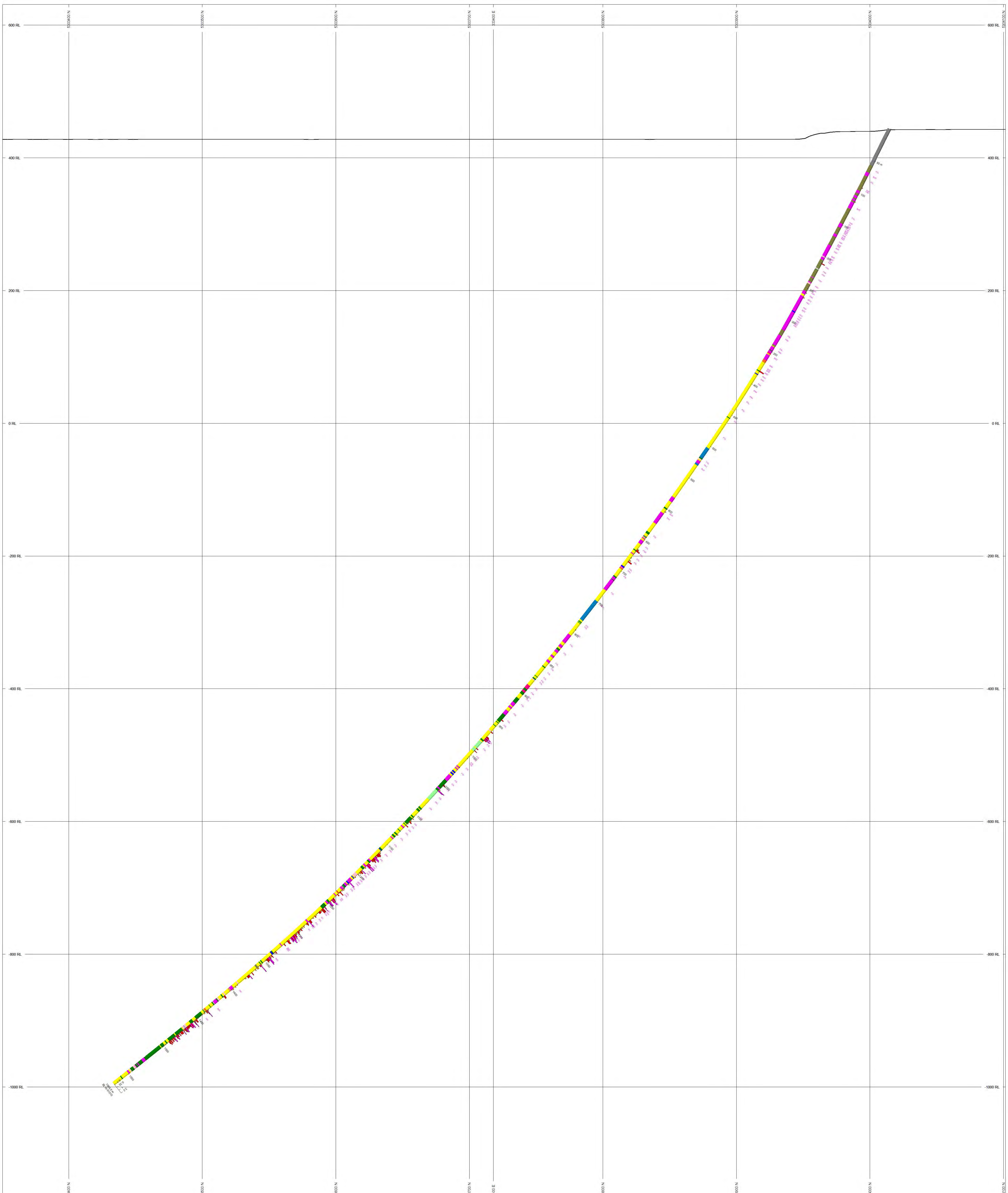
From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		diss. blebs and in Qz veinlets. Small probable migmatitic level from 860.58 to 860.83m (contains Amp pseudomorphs of Bt with Gt inclusions).	C71001	860.58	861	0.42	0.04	AGAT_FAICP		
			C71002	861	862	1	0.023	AGAT_FAICP		
			C71003	862	863	1	0.025	AGAT_FAICP		
			C71004	863	864	1	0.038	AGAT_FAICP		
			C71005	864	864.68	0.68	0.022	AGAT_FAICP		
864.63	**868.65**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ( )**	C71007	864.68	865.32	0.64	0.032	AGAT_FAICP		
		FGS footwall has distinct texture from FGS uphole; with common banding (compositional layering with Amp-rich bands within FGS domain); common depletion haloes arounf mg Amp; 10% intermixed migmatitic levels/veinlets (QzKFp+/-Bt) often boudinaged with FGS. 2cm thick strong healed fault breccia at 866.9m (black matrix with small angular KFp-altered fragments of FGS; no obvious kinematics; small pale pink KFp-Si-altered halo).	C71008	865.32	865.7	0.38	0.019	AGAT_FAICP		
			C71009	865.7	866.7	1	0.031	AGAT_FAICP		
			C71010	866.7	867.7	1	0.03	AGAT_FAICP		
			C71011	867.7	868.65	0.95	0.057	AGAT_FAICP		
868.65	**871.63**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C71013	868.65	869.65	1	0.039	AGAT_FAICP		
		Felsic unit; possibly rhyolitic tuff or cherty component. Very siliceous; beige/pale green to light grey; vfg matrix with common depletion haloes around mg-cg Amp in upper part (down to 870.62m); then more homogeneous and almost no depletion haloes or Amp in lower part. Few Cpx-rich masses in upper part (similar to FGS-FW uphole). Strong compositional layering in upper part; where S0 is boudinaged. Weakly foliated in upper part; almost massive in lower part. 0.5% Py+Po in upper part; no visible sulphide in lower part. Some thin pale pink altered haloes around late QzCb veinlets in lower part (870.62 to end).	C71014	869.65	870.62	0.97	0.051	AGAT_FAICP		
			C71015	870.62	871.63	1.01	0.177	AGAT_FAICP		
871.63	**883.50**	**(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone**	C71016	871.63	872.22	0.59	0.19	AGAT_FAICP		
		FGS-BI is dark grey; 10% Bt; 1% Amp; fg-mg; weakly to mod. foliated; weakly stretched; local weak compositional layering //S1; 5% migmatitic veins (<18cm thick) near upper contact and from 882.67 to 883.28m (Qz+KFp+/-Amp+/-Po+Py). Overall 0.5% Po+Py as diss. blebs. often // S1.	C71017	872.22	873.22	1	0.191	AGAT_FAICP		
			C71019	873.22	873.55	0.33	0.255	AGAT_FAICP		
			C71020	873.55	874.55	1	0.143	AGAT_FAICP		
			C71021	874.55	875.55	1	0.124	AGAT_FAICP		
			C71022	875.55	876.55	1	0.206	AGAT_FAICP		
			C71023	876.55	877.55	1	0.178	AGAT_FAICP		
			C71024	877.55	878.55	1	0.131	AGAT_FAICP		
			C71025	878.55	879.55	1	0.128	AGAT_FAICP		
			C71027	879.55	880.37	0.82	0.158	AGAT_FAICP		
			C71028	880.37	880.67	0.3	0.143	AGAT_FAICP		
			C71029	880.67	881.67	1	0.077	AGAT_FAICP		
			C71030	881.67	882.67	1	0.046	AGAT_FAICP		
			C71031	882.67	883	0.33	0.084	AGAT_FAICP		
			C71033	883	883.5	0.5	0.057	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
883.50	**888.95**	**(UMD) UM\LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke**	C71034	883.5	885	1.5	0.006	AGAT_FAICP		
Large UMD-LAMP dyke; black; massive; strongly magnetic; vfg matrix with vfg to fg Cb phenocryst. Few thin Cb veinlets.			C71035	885	886.5	1.5	0.003	AGAT_FAICP		
			C71036	886.5	888	1.5	0.004	AGAT_FAICP		
			C71037	888	888.95	0.95	0.002	AGAT_FAICP		
888.95	**894.69**	**(FGS) Felsic Gneiss Sedimentary, ( )**	C71039	888.95	889.95	1	0.009	AGAT_FAICP		
FGS footwall is dark grey (slightly brownish due to Bt); locally green (Amp+Cpx); locally well banded (compositional layering // S1); weakly to locally mod. foliated; common depletion haloes arounf mg-cg Amp porphyroblasts; overall 4% Amp as porphyroblasts and small Amp+Cpx level at lower contact. Rare Qz+Fp veinlets. 0.25% Po+Py as diss. blebs and thin masses // S1.			C71040	889.95	890.95	1	0.022	AGAT_FAICP		
			C71041	890.95	891.95	1	0.013	AGAT_FAICP		
			C71042	891.95	892.95	1	0.014	AGAT_FAICP		
			C71043	892.95	893.95	1	0.018	AGAT_FAICP		
			C71044	893.95	894.35	0.4	0.03	AGAT_FAICP		
			C71045	894.35	894.69	0.34	0.017	AGAT_FAICP		
894.69	**895.30**	**(QFP) Quartz Feldspar Porphyry, ( )**	C71047	894.69	895.3	0.61	0.009	AGAT_FAICP		
Logged as QFP but more likely a detrital metasediment or crystal tuff. Dark grey fg matrix (Bt-rich) with abundant mg-cg Qz+Fp porphyroclasts flattened // S1 and stretched // L1. Mod. to strongly foliated; 0.25% Py+Po as diss. blebs. Local thin QzPoPy pods.										
895.30	**896.00**	**(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)**	C71048	895.3	896	0.7	0.0005	AGAT_FAICP		
Qz-rich pegmatite; white and grey; massive; open in "QFP"; Qz+KFp+/-Bt+/-Po-Py. Irregular upper contact but sub // S1.										
896.00	**896.36**	**(QFP) Quartz Feldspar Porphyry, ( )**	C71049	896	896.36	0.36	0.011	AGAT_FAICP		
Continuity of "QFP"; host of PEG uphole. Logged as QFP but more likely a detrital metasediment or crystal tuff. Dark grey fg matrix (Bt-rich) with abundant mg-cg Qz+Fp porphyroclasts flattened // S1 and stretched // L1. Mod. to strongly foliated; 0.25% Py+Po as diss. blebs.										
896.36	**896.84**	**(AMP) Amphibolite, ( )**	C71050	896.36	896.84	0.48	0.029	AGAT_FAICP		
Small AMP level (MAM texture); medium green; locally dark green (Amp) and light gbrown/grey (FGS). Cpx-rich bands with Amp rims; weakly banded; weakly to mod. foliated; fg. Typical footwall "MAM" depletion haloes texture around Amp in FGS bands. Tr.Py+Po.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
896.84	**897.74**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Granitic pegmatite; light pink; light grey; white; massive; vcg-cg; pegmatitic; Qz+KFp+/-Bt; tr. Py+Po. Lower part is Qz-richer.	C71051	896.84	897.74	0.9	0.004	AGAT_FAICP		
897.74	**898.85**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is dark grey; homogeneous; fg-mg; 6% Bt; 2% Amp; weakly to mod. foliated; local QzPy veinlet.	C71053	897.74	898.85	1.11	0.007	AGAT_FAICP		
898.85	**900.03**	**(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)** Similar PEG-GR as 896.84-897.74m. Granitic pegmatite; light pink; light grey; white; massive; vcg-cg; pegmatitic; Qz+KFp+/-Bt+/-light blue Beryl. Few thin FGS-BI sleevers near upper contact.	C71054	898.85	899.6	0.75	0.007	AGAT_FAICP		
			C71055	899.6	900.03	0.43	0.009	AGAT_FAICP		
900.03	**903.38**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is more likely a greywacke; dark grey; fg matrix with very common mg to locally cg Qz porphyroclasts (detrital nature); 5% Bt; 2% Amp; weakly to mod. foliated; weakly stretched // L1. Local QzFp migmatitic veinlet.	C71056	900.03	901	0.97	0.006	AGAT_FAICP		
			C71057	901	902	1	0.005	AGAT_FAICP		
			C71059	902	903	1	0.054	AGAT_FAICP		
			C71060	903	903.38	0.38	0.008	AGAT_FAICP		
903.38	**906.00**	**(FGS) Felsic Gneiss Sedimentary, ( )** FGS is more likely a micro-conglomerate; not quite typical "QFP" texture but closer. Dark grey fg-mg matrix (Qz+Fp+6% Bt+2%Amp) with abundant mg-cg Qz+Fp porphyroclasts; weakly to mod. foliated; local compositional layering (tightly F1-folded lighter grey sleever // S1; or 30cm wide Amp-rich level at 904.33m. Tr. to 0.25% (in AMP) Py as diss. blebs. EOH=906m.	C71061	903.38	904.33	0.95	0.012	AGAT_FAICP		
			C71062	904.33	904.63	0.3	0.015	AGAT_FAICP		
			C71063	904.63	905.63	1	0.014	AGAT_FAICP		
			C71064	905.63	906	0.37	0.011	AGAT_FAICP		906m = EOH

Appendix 3. Drill hole cross sections





Newmont
PORCUPINE

TOPOGRAPHY
DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase 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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike

POSTED TEXT	L/R	TEXT	ITEMS
Struc1	R		All

SECTION SPECS:

REF. PT. E, N	333402 m	5303726 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	50 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000
(m)
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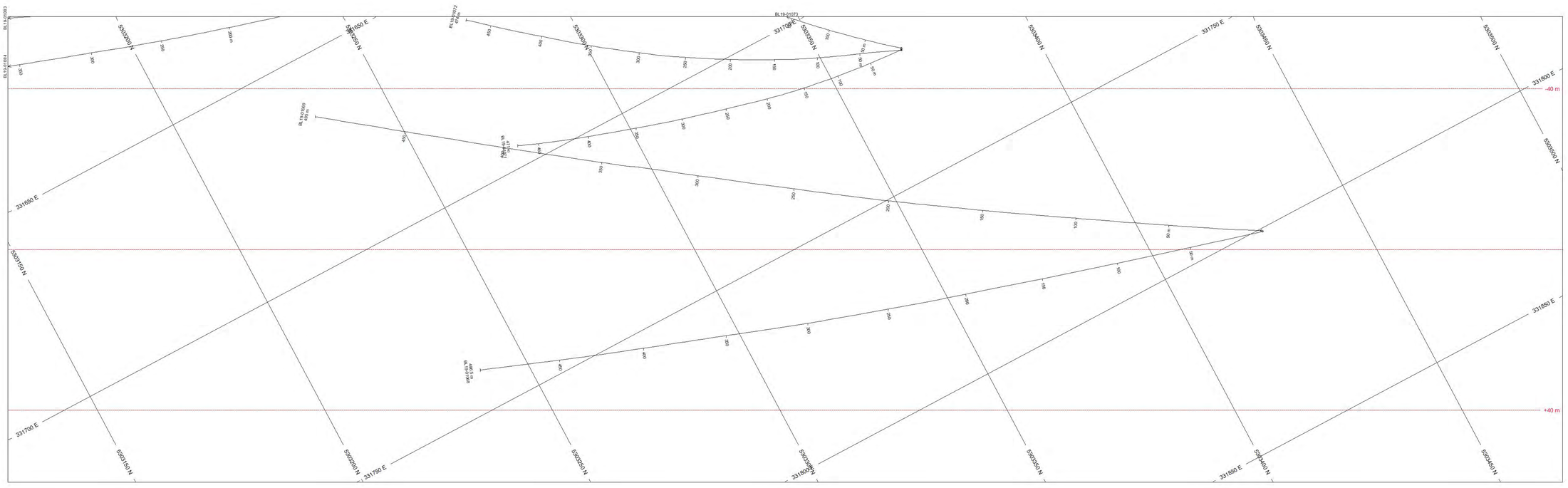
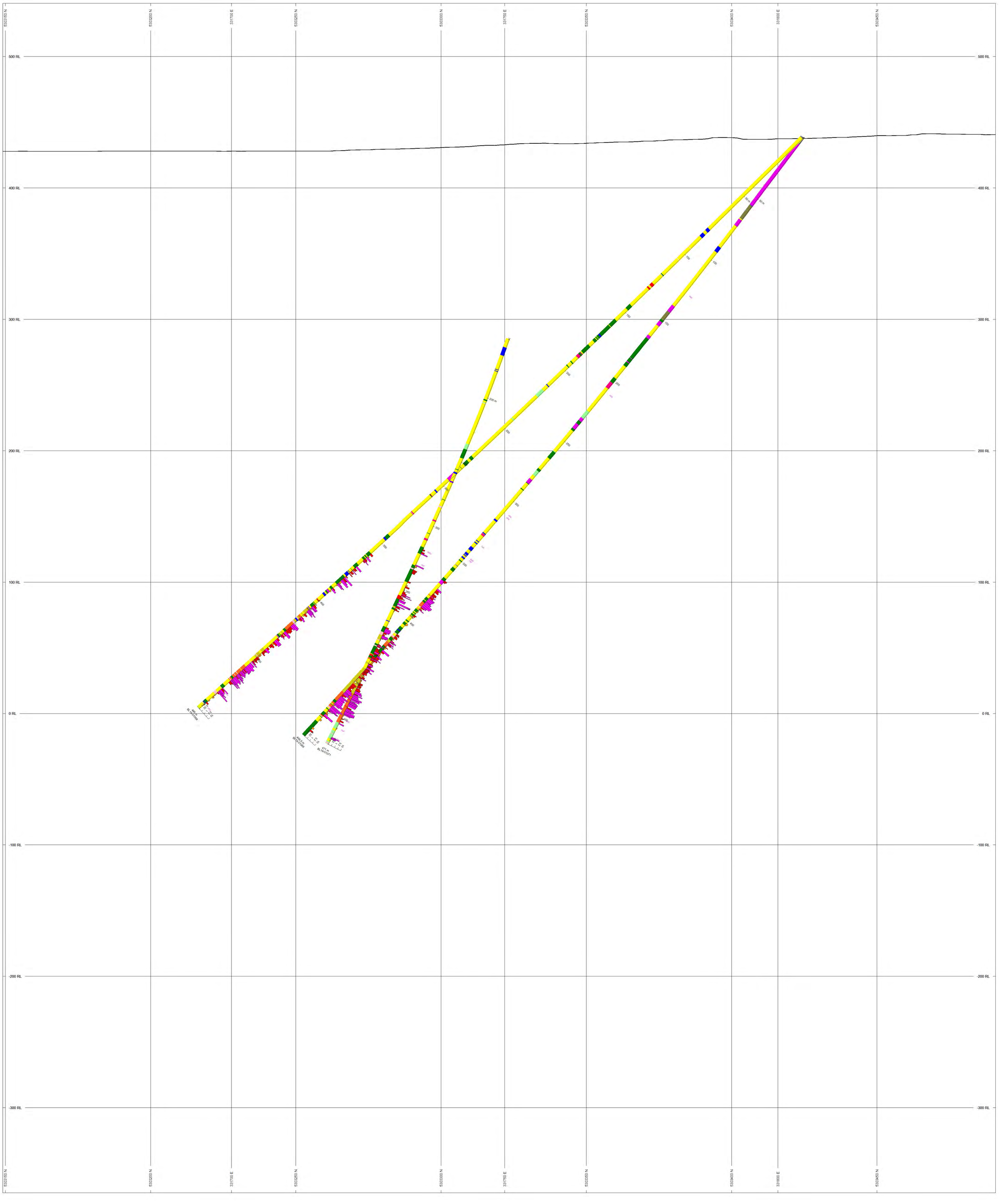
*unknown

AZIMUTH = 14°
N W E S

Newmont
Borden Gold
BL16-01010
Width: 100M Azm: 14 Deg





TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		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
		Overburden	Overburden
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike
		UM	UM

POSTED TEXT	L/R	TEXT ITEMS
Struc1	R	All

SECTION SPECS:

REF. PT. E, N	331749 m	5303320 m
EXTENTS	387 m	905.3 m
SECTION TOP, BOT	540.5 m	-364.8 m
TOLERANCE +/-	40 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 500

(m)

-5 0 5 10 15 20

*unknown

AZIMUTH = 28°

N W E S

Newmont

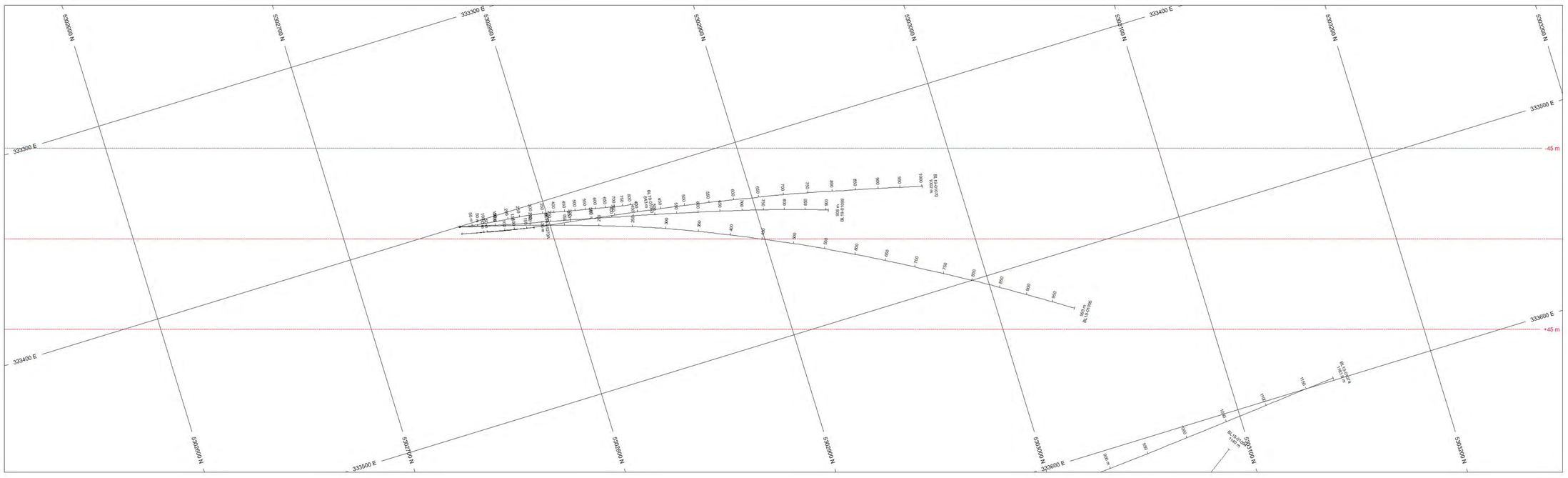
PORCUPINE

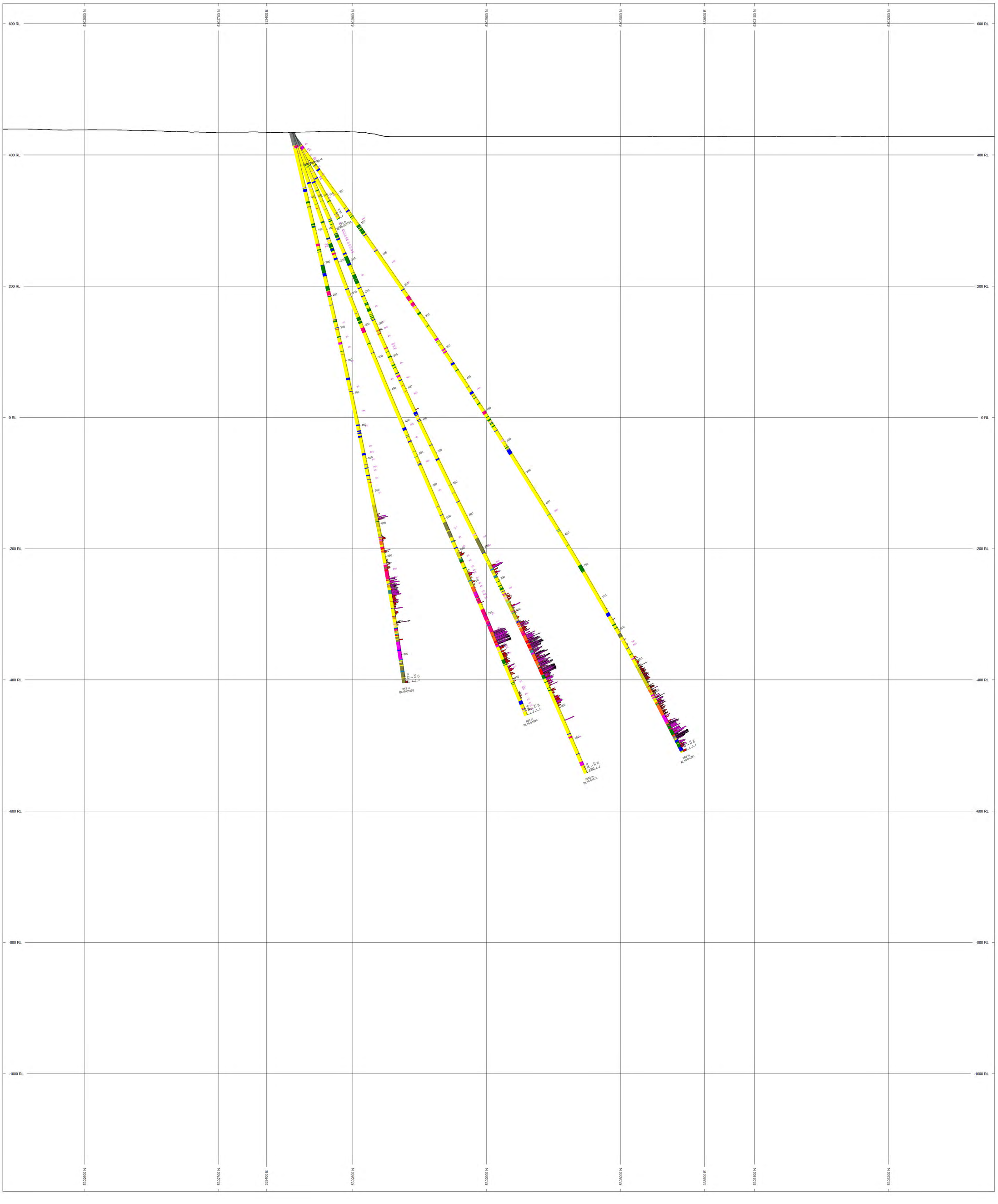
Newmont

Borden Gold

331749E Drill Pad

Width: 80M Azm: 28 Deg





Newmont
PORCUPINE

TOPOGRAPHY
DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase 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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike

POSTED TEXT	L/R	TEXT	ITEMS
Struc1	R	——	All

SECTION SPECS:

REF. PT. E, N	333453 m	5302909 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	45 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000
(m)
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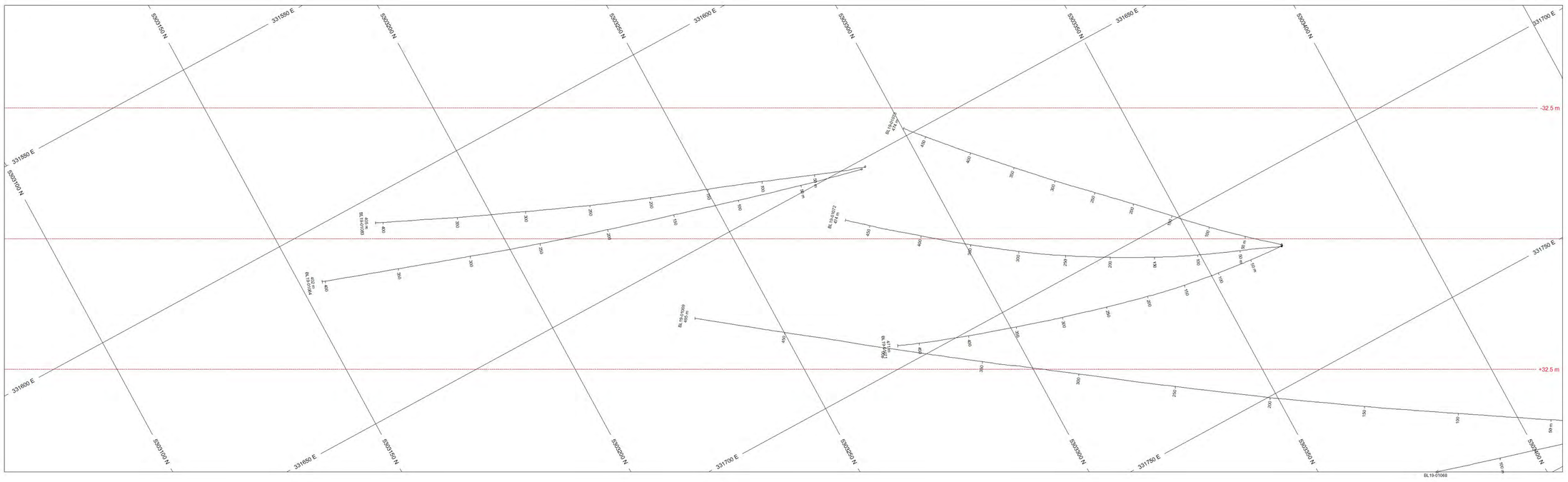
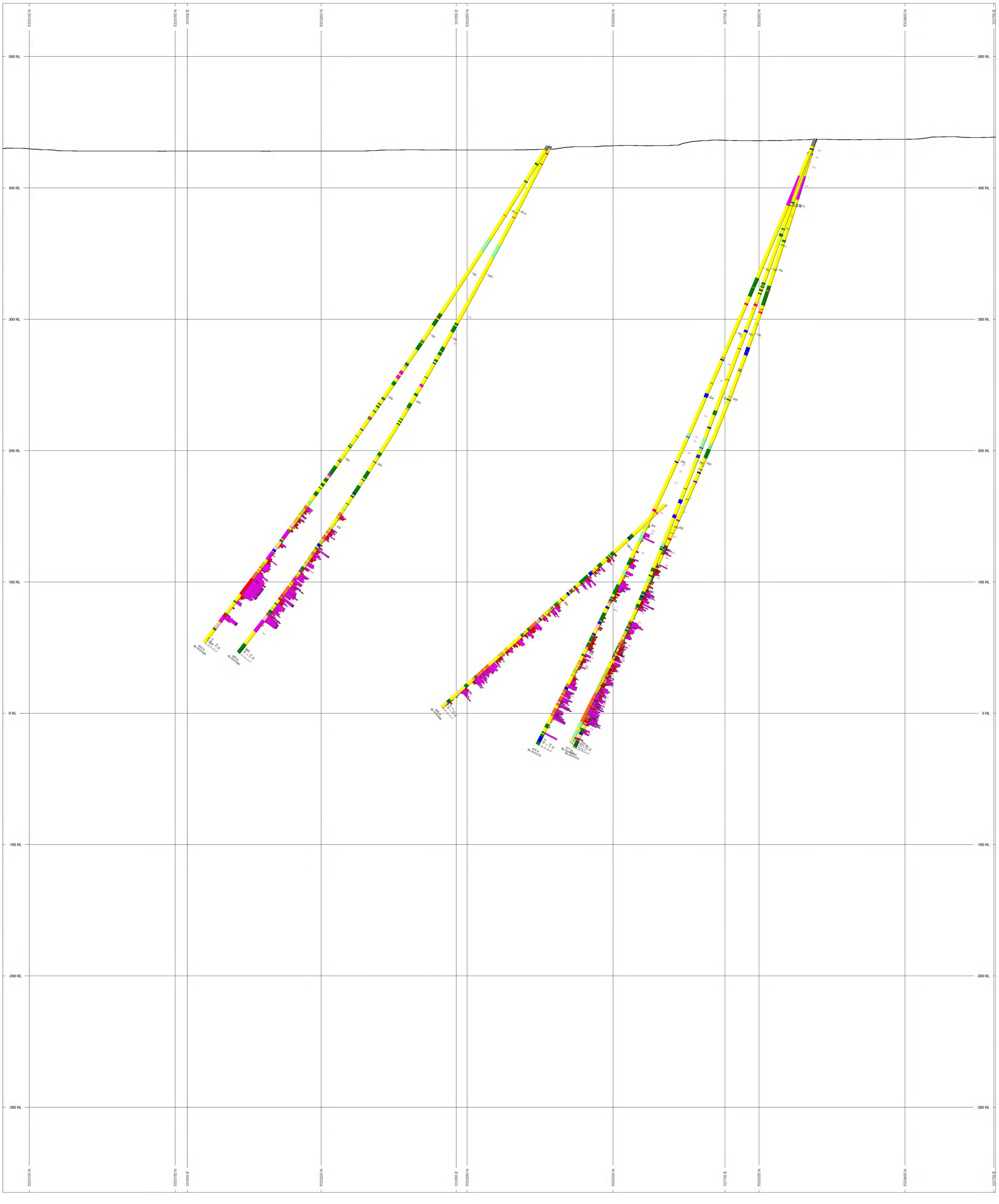
*unknown

AZIMUTH = 17°
N
W E
S

Newmont
Borden Gold
333453E Drill Pad
Width: 90M Azm: 17 Deg





TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diorite	Diorite
		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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike
		UM	UM

POSTED TEXT	L/R	TEXT ITEMS
Struc1	R	All

SECTION SPECS:

REF. PT. E, N	331658 m	5303261 m
EXTENTS	387 m	905.3 m
SECTION TOP, BOT	540.5 m	-364.8 m
TOLERANCE +/-	32.5 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 500

(m)

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*unknown

AZIMUTH = 28.5°

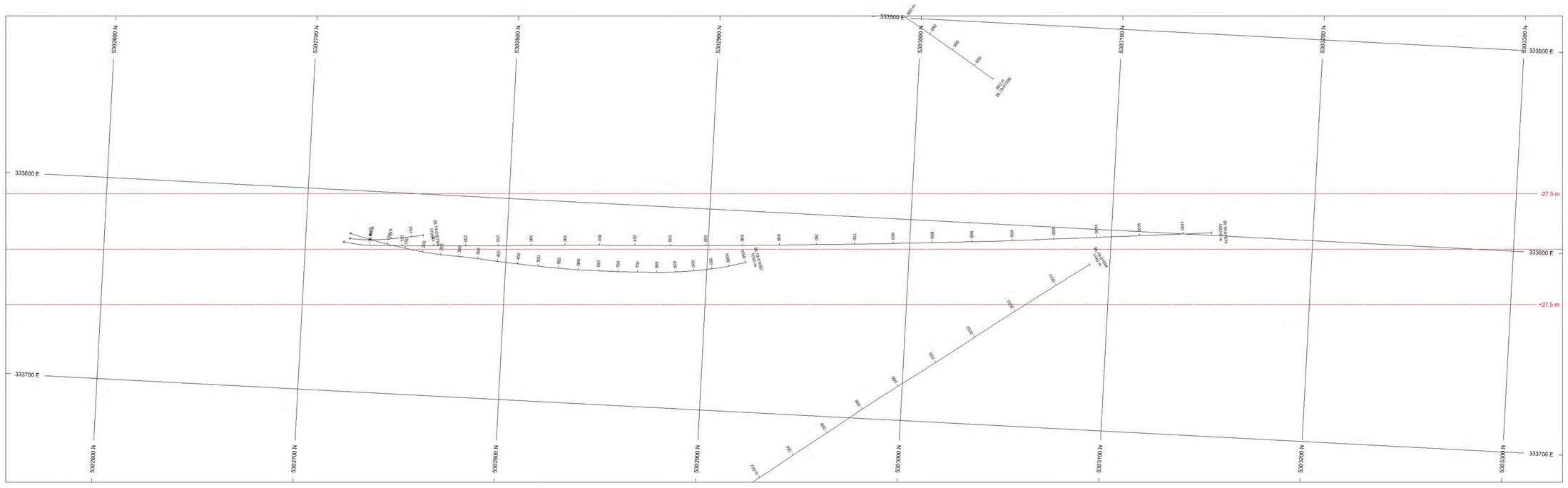
N E S W

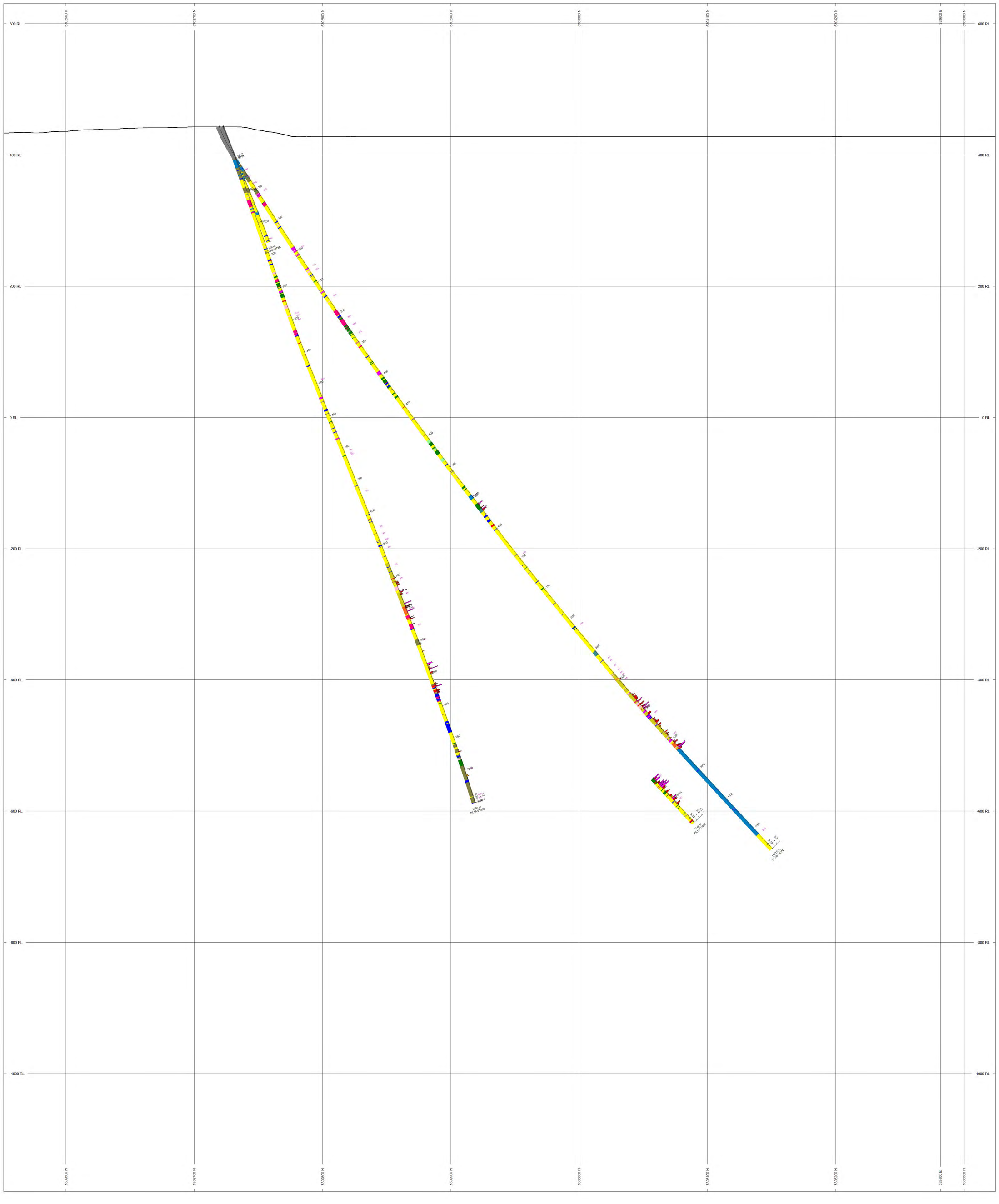
Newmont

Borden Gold

331658E Drill Pad

Width: 65M Azm: 28.5 Deg





TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase 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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike
		UM	UM

POSTED TEXT	L/R	TEXT	ITEMS
Struc1	R		All

SECTION SPECS:

REF. PT. E, N	333618 m	5302938 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	27.5 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000

(m)

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*unknown

AZIMUTH = 357°

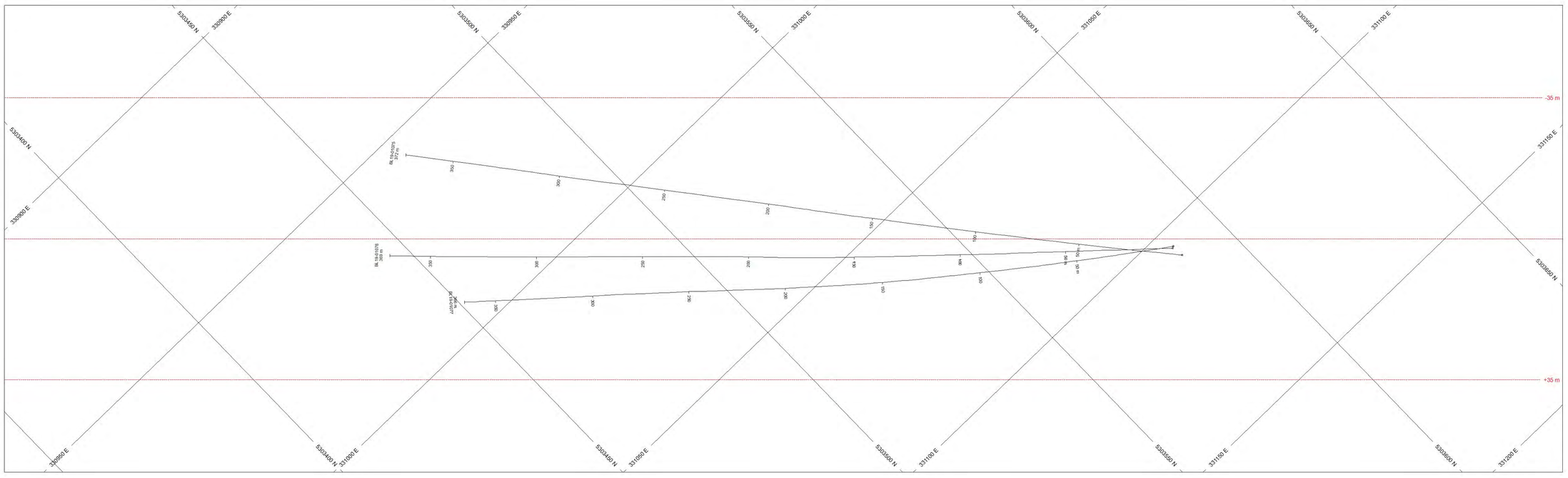
N E S W

Newmont

Borden Gold

333618E Drill Pad

Width: 55M Azm: 357 Deg



Newmont
PORCUPINE

TOPOGRAPHY
DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase Dike
		Diorite	Diorite
		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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike

POSTED TEXT	L/R	TEXT ITEMS
Struc1	R	All

SECTION SPECS:

REF. PT. E, N	331036 m	5303519 m
EXTENTS	387 m	905.3 m
SECTION TOP, BOT	540.5 m	-364.8 m
TOLERANCE +/-	35 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 500
(m)
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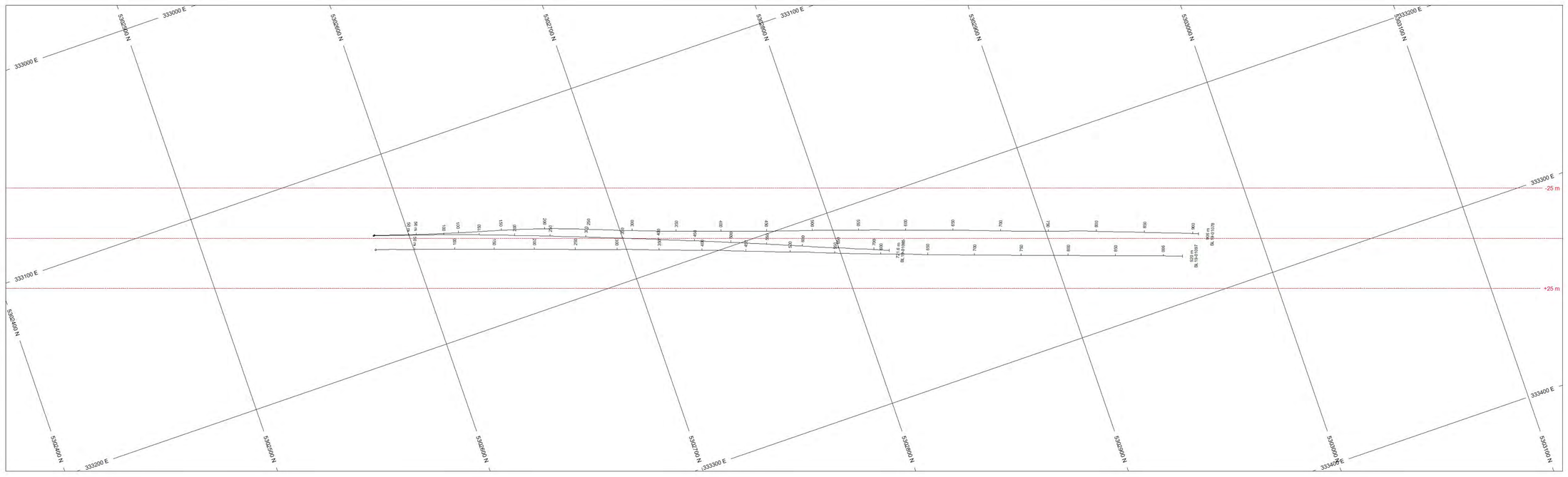
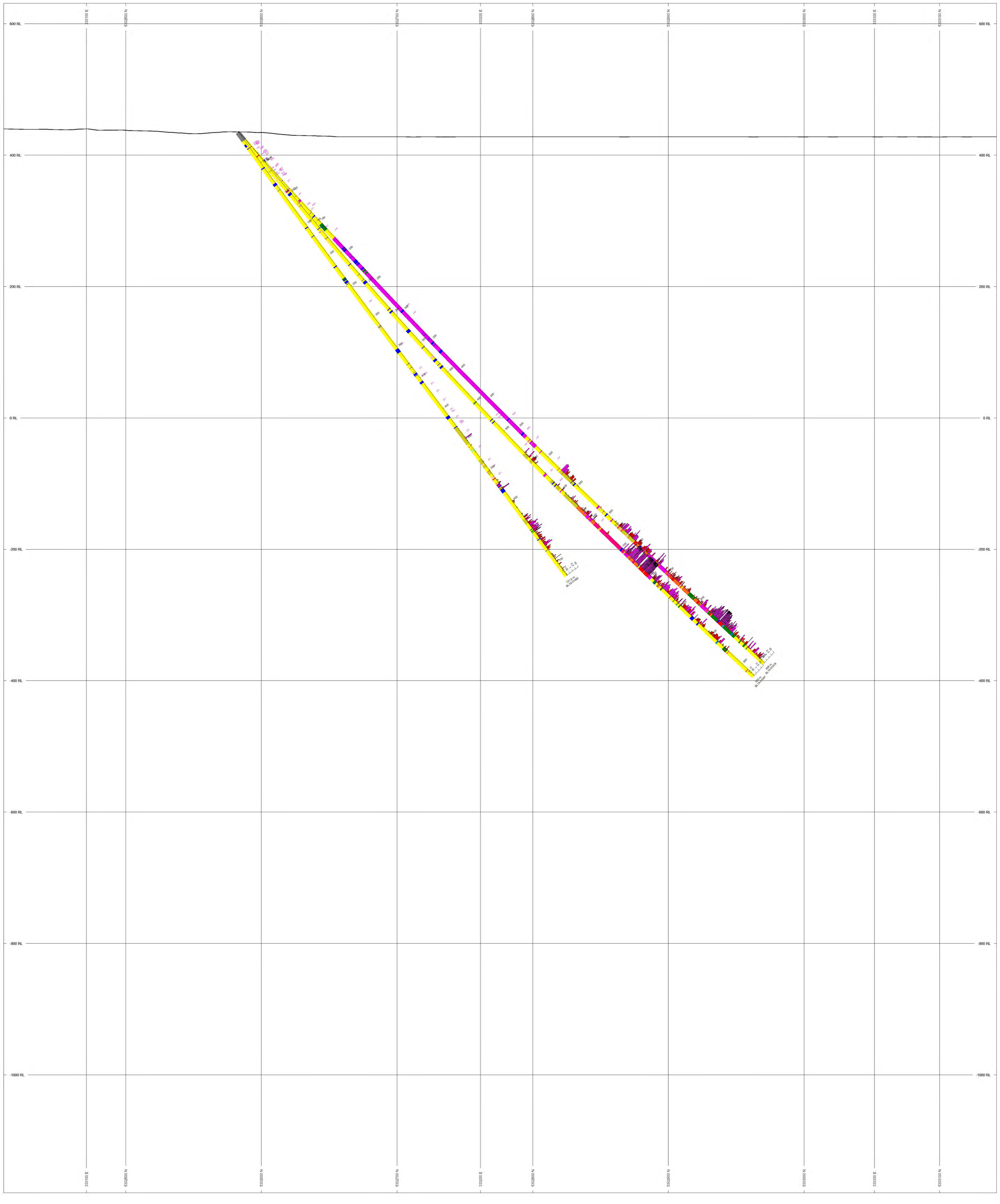
*unknown

AZIMUTH = 44°
N
W E
S

Newmont
Borden Gold
331036E Drill Pad
Width: 70M Azm: 44 Deg





TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase Dike
		Diorite	Diorite
		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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike

POSTED TEXT	L/R	TEXT	ITEMS
Struc1	R	———	All

SECTION SPECS:

REF. PT. E, N	333205 m	5302776 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	25 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000

(m)

-10 0 10 20 30 40

*unknown

AZIMUTH = 19°

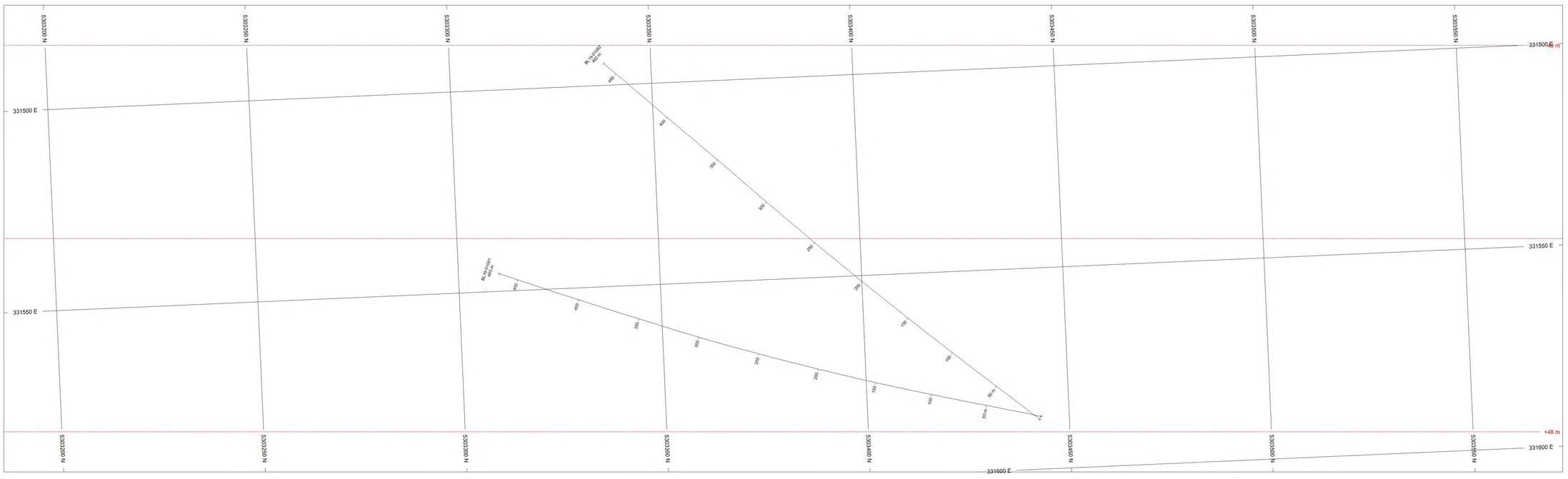
N W E S

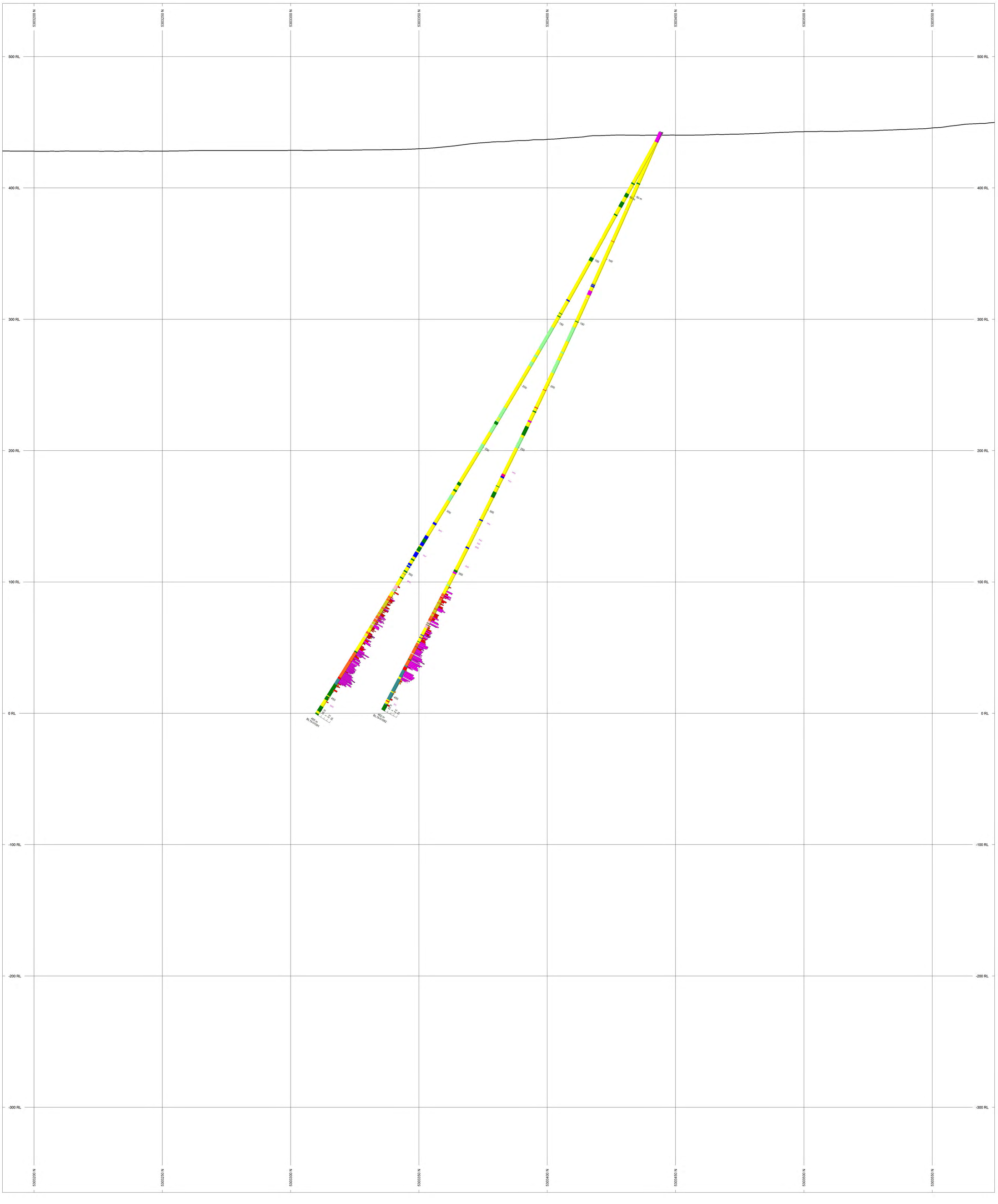
Newmont

Borden Gold

333205E Drill Pad

Width: 50M Azm: 19 Deg





Newmont
PORCUPINE

TOPOGRAPHY
DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diorite	Diorite
		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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike

POSTED TEXT	L/R	TEXT	ITEMS
Struc1	R	——	All

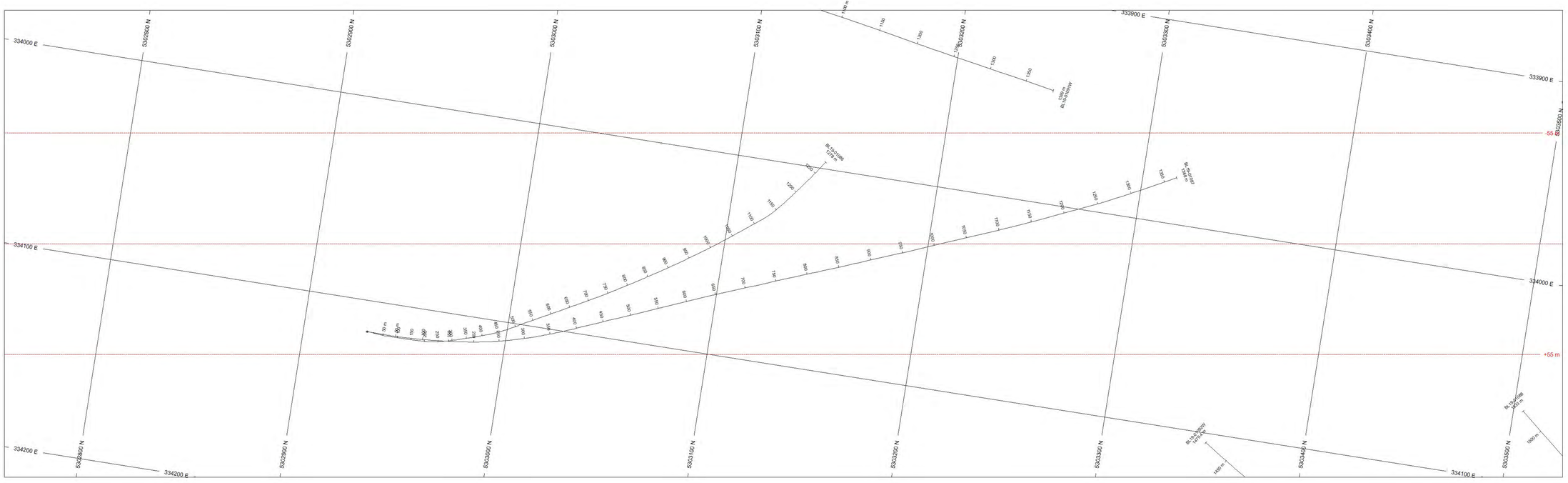
SECTION SPECS:

REF. PT. E, N	331540 m	5303381 m
EXTENTS	387 m	905.3 m
SECTION TOP, BOT	540.5 m	-364.8 m
TOLERANCE +/-	48 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 500
(m)
-5 0 5 10 15 20
*unknown

AZIMUTH = 2.5°
N
W E
S

Newmont
Borden Gold
331540E Drill Pad
Width: 96M Azm: 2.5 Deg



TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase 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
		Overburden	Overburden
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike

POSTED TEXT	L/R	TEXT ITEMS
Struc1	R	------- All

SECTION SPECS:

REF. PT. E, N	334040 m	5303129 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	55 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000

(m)

-10 0 10 20 30 40

*unknown

AZIMUTH = 351°

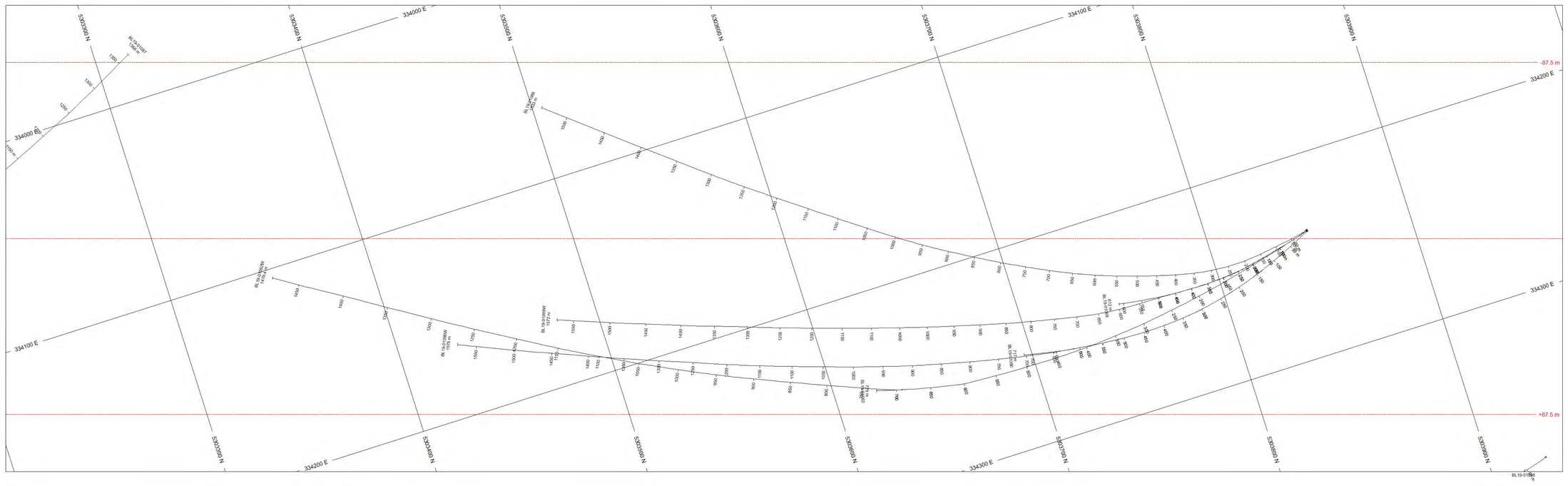
N E S W

Newmont

Borden Gold

334040E Drill Pad

Width: 110M Azm: 351 Deg



TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase 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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike
		UM	UM

POSTED TEXT	L/R	TEXT ITEMS
Struc1	R	All

SECTION SPECS:

REF. PT. E, N	334163 m	5303600 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	87.5 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000

(m)

-10 0 10 20 30 40

*unknown

AZIMUTH = 17.6°

N W E S

Newmont

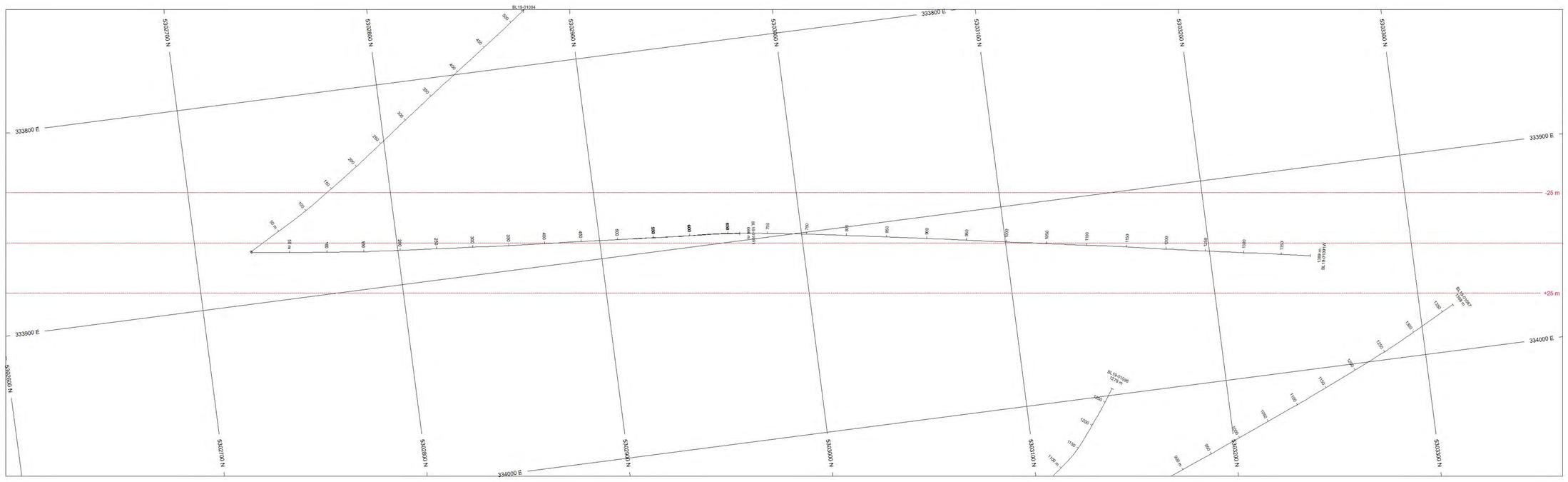
PORCUPINE

Newmont

Borden Gold

334163E Drill Pad

Width: 175M Azm: 17.6 Deg



TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES	PAT.	LABEL	DESCRIPTION
Lith1		Amphibolite	Amphibolite
		Diabase Dike	Diabase 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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike
		UM	UM

POSTED TEXT	L/R	TEXT	ITEMS
Struc1	R	------	All

SECTION SPECS:

REF. PT. E, N	333904 m	5302991 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	25 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000

(m)

-10 0 10 20 30 40

*unknown

AZIMUTH = 7.4°

N E S W

Newmont

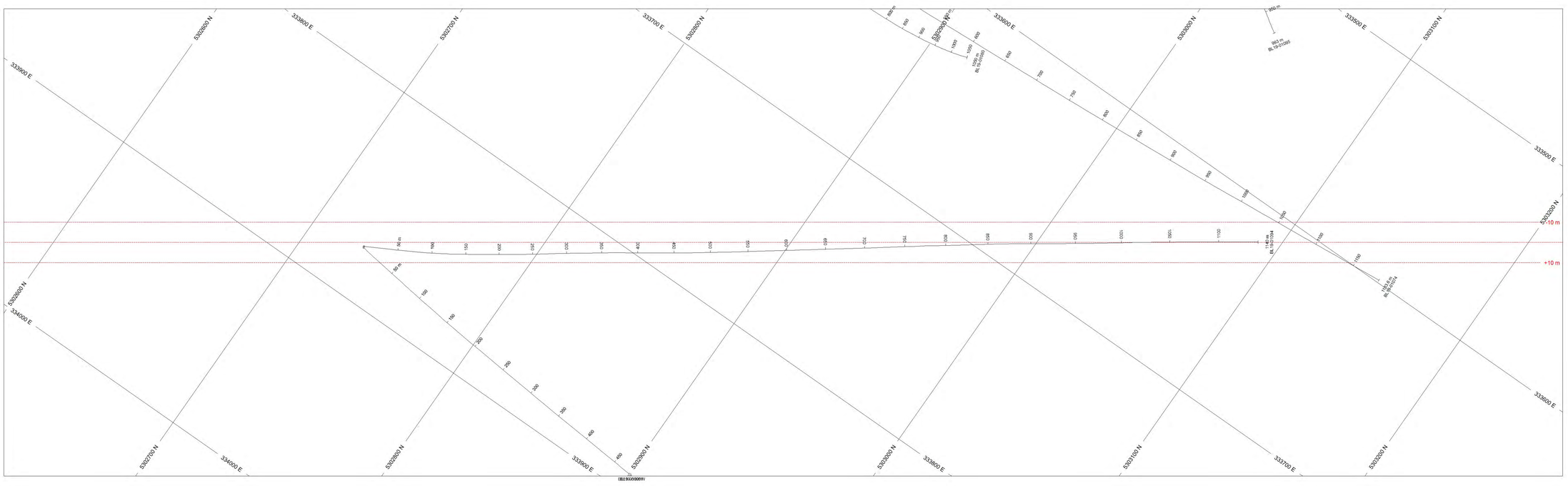
PORCUPINE

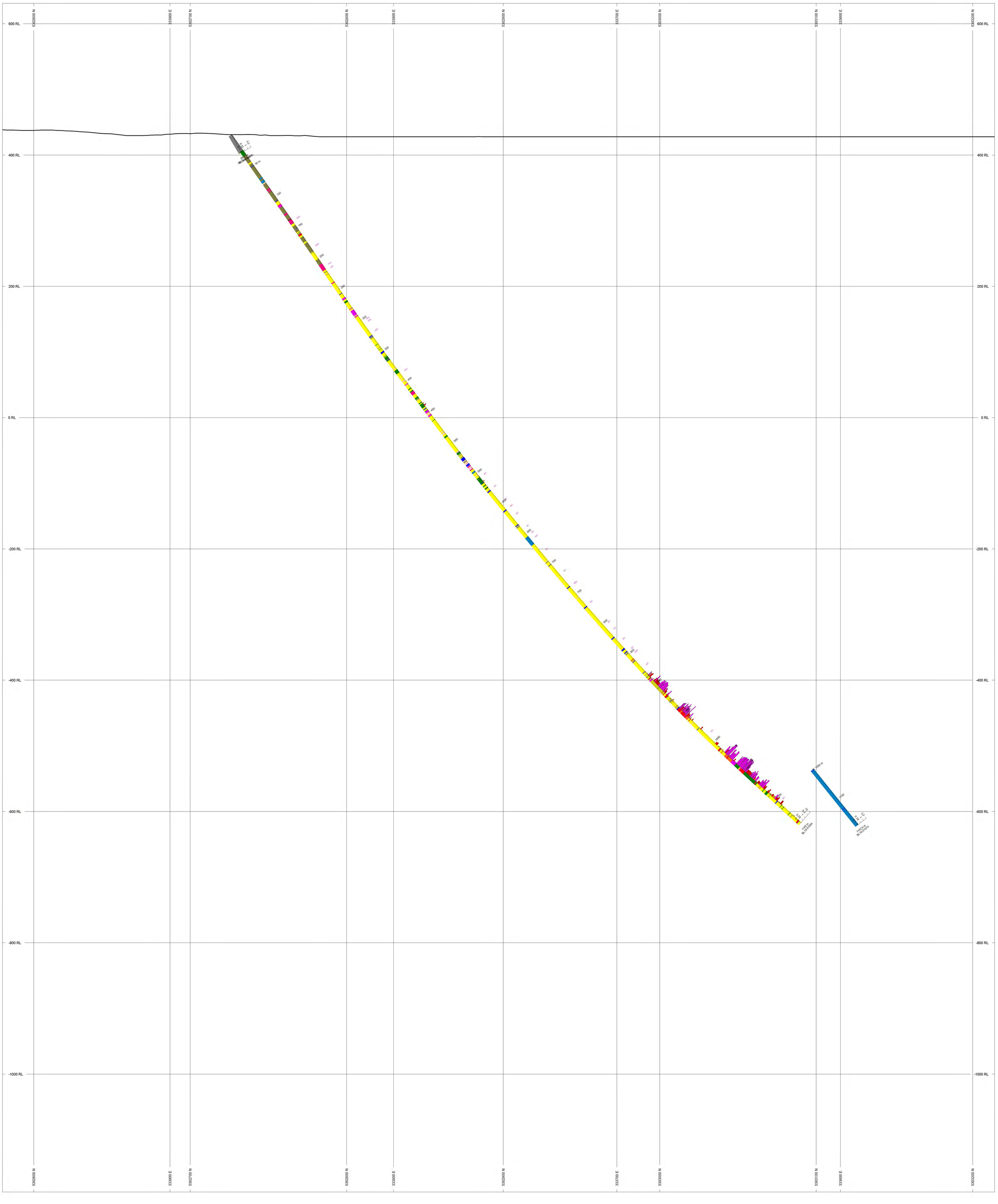
Newmont

Borden Gold

333904E Drill Pad

Width: 50M Azm: 7.4 Deg





TOPOGRAPHY

DEM SURFACE_TILES 3255300 @3375310 2X2.dem

BAR GRAPHS	L/R	COL	RANGE
Au_ppm	R		0.528
			0.203
			0.095
			0.052
			0.031
			0.018
			0.008

ROCK CODES Lith1	PAT	LABEL	DESCRIPTION
		Amphibolite	Amphibolite
		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
		Diabase Dike	Diabase 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
		Pegmatite	Pegmatite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike
		UM	UM

POSTED TEXT	L/R	TEXT	ITEMS
Struc1	R	----	All

SECTION SPECS:

REF. PT. E, N	333753 m	5302897 m
EXTENTS	774 m	1811 m
SECTION TOP, BOT	631.1 m	-1180 m
TOLERANCE +/-	10 m	
VERTICAL EXAG.	0.5121	

SCALE 1 : 1000

(m)

-10 0 10 20 30 40

*unknown

AZIMUTH = 325°

N E S W

Newmont

Borden Gold

333753E Drill Pad

Width: 20M Azm: 325 Deg

Appendix 4. Assay Certificates

See accompanying PDF.