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Summary Report

On 2017 Diamond Drilling

On
Runway

Ontario, Canada

Larder Lake Mining Division

St Andrew Goldfields Ltd., a subsidiary of Kirkland Lake Gold Ltd.

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October 02, 2019

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Introduction

This assessment report summarizes the 2017 drill program (hereafter referred to as the *Program*), completed by St Andrew Goldfields Ltd. (SAS) in Harker Township covering 3 legacy leased surface mining rights claims (see *Table 1* for clarification). 2353 m of NQ core were drilled on 6 unique boreholes from October 17th to December 15th, 2017. The drilling permit is in **Appendix 2**.

The primary objective of the *Program* was to verify historical gold grades and continuity from previous drilling programs. Assuming the primary objective was met, additional drilling would test for continuity down dip and along strike and for the presence of additional en-echelon auriferous zones at depth.

Location and Access

The *Program* property is located in Harker Township in the Larder Lake Mining Division. **Figure 1** shows the location of the property within Ontario and **Figure 2** shows its location within Harker Township.

The centre of the *Program* area lies approximately 4.6km SW of the Holt Mine. It is bordered to the east by the high voltage power line leading to the Holt Mine and to the west by a disused 1km long dirt airstrip. Primary access to the airstrip midpoint was via a 1.1km long access road 5km south of Highway 101 East along the Highway 672 corridor. From there, access to the *Program* area was via 500m of airstrip to the SE and a further 650m of NE trending bush roads.

As a result of Ontario's 2018 Mining Act Modernization initiative, the legacy claim number(s) covered by this drilling program are presented in **Table 1**, alongside current designation(s).

TABLE 1				
Hole Number	Collar		Additional Traversed	
	Legacy	Current	Legacy	Current
RW17-001	L 342612	LEA-108422	NILL	NILL
RW17-002	L 342613	LEA-108422	L 342612	LEA-108422
RW17-003	L 512663	LEA-109123	L 342613	LEA-108422
RW17-004	L 512663	LEA-109123	L 342613	LEA-108422
RW17-005	L 342612	LEA-108422	NILL	NILL
RW17-006	L 512663	LEA-109123	L 342613, L 342612	LEA-108422

Regional and Local Geology

Rocks in Harker Township are Archean in age and belong to the Abitibi Sub-Province of the Superior Province. They consist mainly of Keewatin andesite and basalt from the Kinojevis Group with interflow sediments. A wide band of sediments occurs roughly parallel to Highway 101 across the township, although drilling was to the south of this horizon. The northwestern part of the township is underlain by mafic to ultramafic intrusives that make up the Ghost Range Syncline.

The *Program* area lies approximately halfway between two sub-parallel faults: the Ghostmount Fault to the north and the Phoenix Fault to the south. Both faults are steeply dipping (60-80 degrees), and strike between 64-71 degrees to the NE.

Gold mineralization in the *Program* area is similar to that in the nearby Holt mine, occurring in pyritic, siliceous and albitic breccias derived from the alteration of the surrounding basalts. The main ore zones are within narrow alteration belts of brittle, deformed breccia consisting of silicified, hematized, albitic and pyritic fragments in a matrix of similar composition. Hematite gives the rock a locally dark purple appearance, and significant gold grades are typically associated with fine grained, anhedral pyrite.

Previous Work

Twenty-four holes were drilled by Ontario Cryderman Gold Mines and Consolidated Mining and Smelting prior to 1941, and a magnetics survey was filed in 1945¹. A small diamond drilling and trenching program was performed for Tumac Mining and Development in 1960, and Hansen filed results from eight diamond drill holes on behalf of Tumac in 1969 (File #16) and 1974 (File #19)¹. INCO conducted an airborne electromagnetic and magnetic survey over the claims in 1981 (2.4635)¹. Another airborne VLF and magnetic survey was done for Sherritt Gordon Mines Ltd. in 1985, and a ground magnetometer survey was performed by Newmont Exploration of Canada Limited in 1985.

2017 Diamond Drill Program

Drilling commenced October 17th and finished on December 15th, 2017, with a total of 2353 m being drilled. One hydraulic diamond drill rig was contracted from Asinii Drilling to fulfil the requirements of the program (See **Figure 3** for drillhole locations).

Drill core was picked up by SAS employees at the drill sites and brought to the Holt core shack for logging by SAS personnel (logs to be found in **Appendix 3**). Logged core was cut by exploration staff using a diamond bladed saw, and sent to Expert Lab in Rouyn-Noranda, Quebec for gold analysis. A total of 793 core samples, 47 blanks and 42 standards were sent for assay. Assay certificates are in **Appendix 4**.

Highlights from the drilling program are presented in **Table 2** and are also noted in sections for relevant drill holes (**Appendix 5**).

The drill program was planned and supervised by Michael Clarke, P. Geo. and David Schonfeldt, P. Geo.

Summary

RW17-001, RW17-002 and RW17-005 were primarily intended to verify grade and continuity from historical drilling campaigns, with a secondary goal of searching for additional en-echelon gold mineralized zones at depth. All of these holes succeeded in their primary goals, intersecting grades comparable to those from historical drilling near their same respective horizons. RW17-005 and RW17-001 also intersected significant gold grades between 297m and 351m downhole.

RW17-003 and RW17-004 were designed to test for zone continuity down dip while RW17-006 was designed to test continuity along strike. All three holes succeeding in intercepting the auriferous zone and extending it in terms of both strike and dip by 100m. Significant assays may be found in **Table 2**.

Recommendations

While geophysical data and the distribution of significant assays suggest the upper gold mineralized zone is strike limited, results from the current *Program* also suggest that this zone may be open at depth towards the south. In advance of additional drilling, a ground IP survey is suggested to test for the presence of down-dip conductors that may be indicative of gold mineralization.

Assuming the existence of an additional, en-echelon, auriferous zone at depth, the up-dip projection of this zone would come to surface at the northernmost trench. Results from the aforementioned proposed geophysical program may be augmented with 1 or 2 deep drillholes to test this theory. Additional trenching in this area may also be a cost effective option in lieu of drilling.

References

¹ Limion, H. (1985). Ground Magnetometer Survey on the Harker Lake Claims. Newmont Exploration of Canada Limited.

Date and Signature Page

This report, entitled "Summary Report On 2017 Diamond Drilling on Runway" was prepared, reviewed and signed by the following authors:

Dated at Matheson, Ontario

October 16, 2019



Michael Clarke, P.Geol.

Senior Exploration Geologist



David Schonfeldt, P.Geol.

Exploration Manager

Certificate of Qualification

I, Michael Clarke of 219 Clement Avenue, Porcupine, ON, PON 1K0, do hereby declare:

- This report is being submitted on behalf of St. Andrew Goldfields, a wholly owned subsidiary of Kirkland Lake Gold.
- I have no interests, either directly or indirectly, nor do I expect to receive any in the future with respect to the Runway property.
- I graduated from McMaster University in 1992 with a Bachelor of Science degree in Geology.
- I have been a salaried employee of Kirkland Lake Gold since May, 2017.
- I am a member, in good standing, of the Association of Professional Geoscientists of Ontario.

Signed,



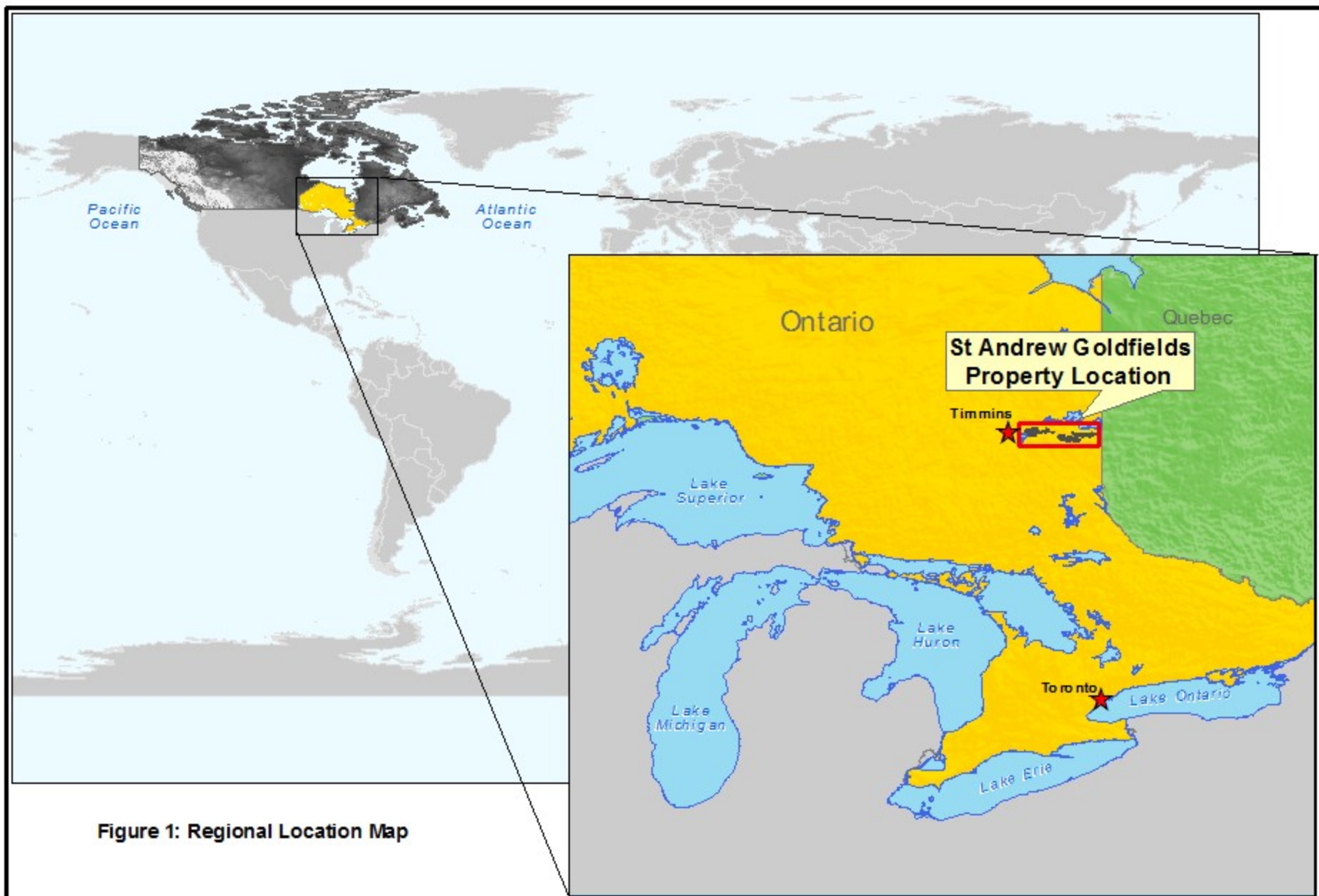
Michael Clarke, P. Geo.





Appendix 1

Figures and Tables



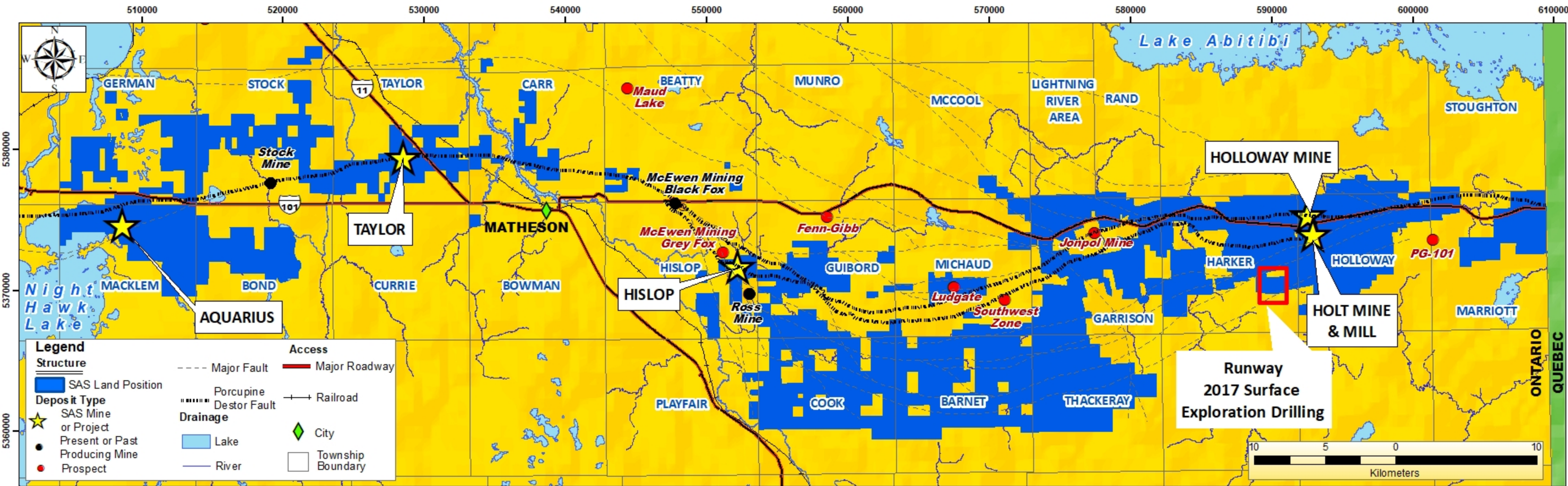
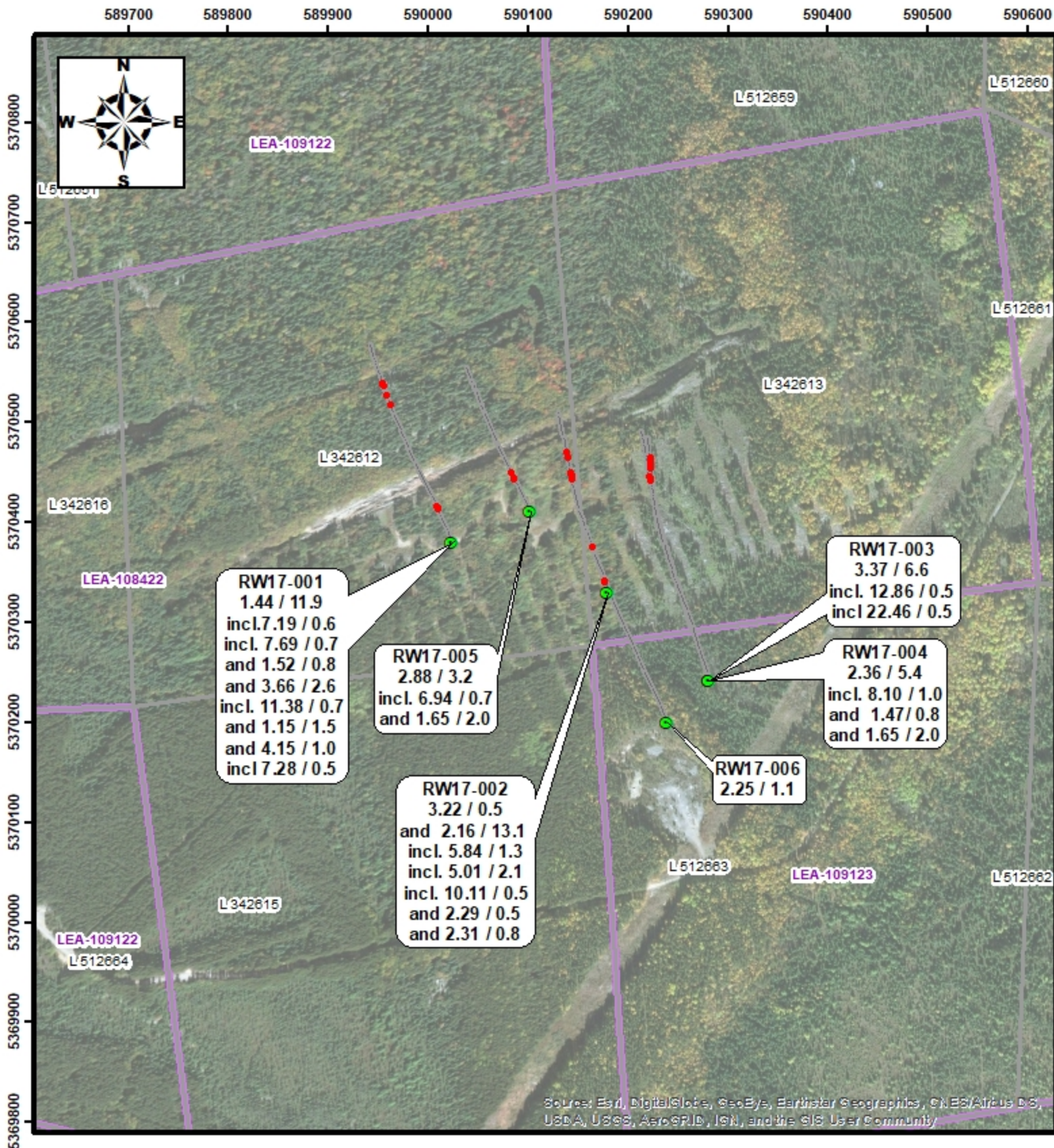


Figure 2: Runway 2017 Property Location and Access

As of December 2017
Datum: NAD 83 ZONE 17N



Plan View
Figure 3: Runway 2017 Drilling

Harker Township
 Datum: Nad83 Zone October 2017

0 60 120 240 360 480
 Meters

Legend

- Drillhole Collar
- Legacy Claims
- Drillhole Trace
- Mining Land Tenure
- Significant Assay

Table 2

RUNWAY 2017 EXPLORATION ASSAYS HIGHLIGHTS OVER 1 GPT									
BHID	COLLARS - UTM NAD 83 (m)			AZIMUTH	DIP	FROM	TO	CORE LENGTH	UNCUT Au (g/t)
	EASTING	NORTHING	ELEVATION						
RW17-001	590025.0	5370380.0	336.0	335	-60	73.5	85.4	11.9	1.44
<i>incl</i>						77.8	78.4	0.6	7.19
<i>incl</i>						82.0	82.7	0.7	7.69
and						305.5	306.3	0.8	1.52
and						326.0	328.6	2.6	3.66
<i>incl</i>						326.0	326.7	0.7	11.38
and						345.0	346.0	1.0	1.15
and						350.5	351.5	1.0	4.15
<i>incl</i>						350.5	351.0	0.5	7.28
RW17-002	590180.0	5370330.0	336.0	342	-55	21.9	22.4	0.5	3.22
and						210.8	223.9	13.1	2.16
<i>incl</i>						212.7	214.0	1.3	5.84
<i>incl</i>						219.9	222.0	2.1	5.01
<i>incl</i>						222.8	223.3	0.5	10.11
and						250.3	250.8	0.5	2.29
and						259.8	260.6	0.8	2.31
RW17-003	590282.0	5370242.0	332.0	340	-52	343.5	350.1	6.6	3.37
<i>incl</i>						344.7	345.2	0.5	12.86
<i>incl</i>						346.3	346.8	0.5	22.46
RW17-004	590282.0	5370242.0	332.0	340	-46	322.0	327.4	5.4	2.36
<i>incl</i>						322.5	323.5	1.0	8.10
and						330.8	331.6	0.8	1.47
and						334.7	336.7	2.0	1.65
RW17-005	590103.2	5370411.8	335.0	332	-65	85.8	89.0	3.2	2.88
<i>incl</i>						87.0	87.7	0.7	6.94
and						102.0	102.7	0.7	1.23
RW17-006	590240.0	5370200.0	334.0	335	-57	352.0	353.1	1.1	2.25



Appendix 2

Permits

**Exploration Permit/Permis
d'exploration****Number/Numéro : PR-17-11169**

This permit is issued under the authority of section 78.3 of the *Mining Act* and the Exploration Plans and Exploration Permits Regulation (O. Reg. 308/12). It is subject to the provisions of the Act and regulation as well as the terms and conditions included in this permit.

Ce permis est émis conformément aux dispositions de section 78.3 de la *Loi sur les mines* et des règlements et est sujet aux restrictions et dispositions de ces lois et règlements ainsi qu'aux termes et conditions ci-énoncés

Note: The issuance of this permit does not relieve the applicant from the responsibility of acquiring any other agency, board, government, etc. approval as may be required nor does it relieve the permittee from the requirements of any other legislation or guarantee access to the land.

Remarque : La délivrance de ce permis n'exempte pas le demandeur de l'obligation d'obtenir l'autorisation de tout autre organisme, commission, gouvernement, etc. qui pourrait être exigée, n'exempte pas le titulaire des dispositions de toute autre loi et ne garantit pas l'accès à la terre.

Project Details/ Détails sur le projetProject Name/ Titre du projet
Airstrip ProjectQualified Supervisor/Superviseur qualifié
J.V. Bonhomme**This Permit is issued to: Ce Permis est délivré à:**Name of Permittee/Nom du détenteur:
St. Andrew Goldfields Ltd.Mailing Address/Adresse postale:
200 Bay Street, RBC Plaza – South Tower, Unit 3120, Toronto, ON, M5J 2J1To conduct early exploration activities from/ Pour effectuer des activités d'exploration du (yyyy/mm/dd): 2017/10/03 to: 2020/10/03
On claim/lease/licence of occupation number(s)/Sur le numéro(s) du claim/bail/permis d'occupation: 109122, 108422, 109123

as per your exploration permit application date/conformément à la demande de permis d'exploration en date du: 2017-08-25

ORas per your *amended* exploration permit application date/conformément à la demande de permis d'exploration *modifié* en date du:
for the purpose of:

- Mechanized Drilling (assembled weight >150kg)/ Forage mécanisé (poids assemblé >150 kg)
- Mechanized Stripping (>100m² in 200m radius)/ Décapage mécanisé (> 100 m² dans un rayon de 200 m)
- Pitting and Trenching (>3m³ in 200m radius)/ Creusement de fosses et de tranchées (>3 m³ dans un rayon de 200 m)
- Line Cutting (>1.5m width)/ Découpage des quadrillages (>1,5 m de largeur)
- Other (Early exploration activities for which Director has required a permit)/Autre (Activités d'exploration préliminaires pour lesquelles le Directeur a demandé un permis):

Subject to the following conditions:/Et sous les conditions suivantes:

1. The Permittee shall keep this permit or a true copy thereof on the permit area./Le détenteur conservera ce permis ou une copie conforme sur les lieux des travaux.
2. The person in charge of the operation conducted under this permit shall produce and show this permit or the true copy kept on the exploration permit area to any inspector whenever requested by the officer./La personne responsable des travaux couverts par ce permis doit produire le permis ou sa copie conforme si un inspecteur lui demande.
3. The requirements outlined in Schedule 1 of Ontario Regulation 308/2012 and applicable Provincial Standards for Early Exploration/ Les exigences générales identifiées à l'annexe 1 du Règlement de l'Ontario 308/2012 et les normes provinciales relatives à l'exploration préliminaire.
4. Other terms and conditions as listed on this permit./Autres termes et conditions énoncés sur ce permis.

Place of Issue/Émis à:
South PorcupineIssued by/Émis par:
Desmond O'ConnorDate of Issue/Date émis (yyyy/mm/dd, aaaa/mm/jj):
2017/10/03

Signature of Director/Signature du directeur:

Additional Terms and Conditions:

Autres termes et conditions:



Appendix 3

Diamond Drill Logs

DETAILED LOG

Hole Number: **RW17-001**

Units: METRIC

Project Name: Harker Township	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -60.00
Project Number: HARKER_TWP	North: 5370380.00	North:	Collar Az: 335.00
Location: Harker Township	East: 590025.00	East:	Length: 432.00
	Elev: 336.00	Elev:	Start Depth: 0.00
Date Started: Oct 29, 2017	Collar Survey: N	Plugged: N	Contractor: Asinii
Date Completed: Nov 03, 2017	Multishot Survey: N	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 432.00

Comments: Approximately 6m of casing

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	335.00	-60.00	Bruntor	OK	Assumed from first test	21.00	335.00	-60.00	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m
72.00	337.10	-60.20	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m	123.00	331.10	-60.20	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m
174.00	335.30	-60.30	EZ Sho	OK	Same as above	225.00	336.60	-60.40	EZ Sho	OK	Same as above
276.00	336.60	-60.10	EZ Sho	OK	Same as above	327.00	341.00	-59.70	EZ Sho	OK	Same as above
378.00	340.30	-59.40	EZ Sho	OK	Same as above	426.00	344.90	-59.30	EZ Sho	OK	Same as above

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
0.00	6.50	HPO, OVERBURDEN					
6.50	30.20	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark green black, granular zones, light greenish grey pillow salvage structures present trending 60 to 70 degrees TCA with sporadic epidote veinlets trending 60 to 70 degrees, patchy sercite, weakly stockworked, towards end of unit trace sporadic qtz/carb veinlets, sulphides occurring within ground mass trace-1%. Gradual LC as texture changes to glossy more silicified, From 15.7 m to 16. Fault zone, blocky broken, oxidized,					
30.20	35.20	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTIC MAFIC VOLCANIC - green colour, non-reactive and non-magnetic groundmass, weakly to moderately hyaloclastic, silicified and chlorite alteration pervasive, pervasive veinlets sercite, and qtz carb, throughout trending at 50 to 60 degrees, calcite halos, tr euohedral py overall, then patchy sulphides at 1-2% and pyrrhotite at 1-2% clustered together, LC is gradual as rock becomes more massive and pseudo breccia fades out. lower contact gradational at unknown angle					
35.20	60.90	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black, aphanitic, magnetic, sporadic crenulated epidote and carb veinlets throughout. Trace sporadic Veinlets are weakly stockworked throughout. SPyrite and CPY are finely disseminated with sporadic thin veinlets throughout with ~<1%. Foliation ~80 degrees TCA to perpendicular with direction of core.	E28643	57.40	58.90	1.50	0.00
			E28644	58.90	60.00	1.10	0.04
			E28645	60.00	60.90	0.90	0.02

DETAILED LOG

Hole Number: **RW17-001**

Units: METRIC

Detailed Lithology		Lithology	Assay Data				
From	To		Sample Number	From	To	Length	Au_gpt_Final
60.90	67.30	<p>ZFZ, FAULT ZONE FAULT ZONE? Same general textures and qualities as previous unit, albeit with pervasive broken/blocky core and hematitic slips throughout. Hematitic slips are dark red, typically sub-millimetre in thickness and trend ~20 degrees tCa to sub-parallel. Trace disseminated CPY/PY associated with qtz-carb veinlets. Foliation of unit (outside of slips) ~80 degrees tCa to perpendicular with direction of core.</p>	E28646	60.90	62.00	1.10	0.00
			E28647	62.00	63.00	1.00	0.02
			E28648	63.00	64.20	1.20	0.02
			E28649	64.20	65.60	1.40	0.00
			E28651	65.60	66.90	1.30	0.00
			E28652	66.90	67.30	0.40	0.00
67.30	73.50	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTIC/CONTACT ALTERATION Dark-greenish black with whitish-gre qtz-carb veinlets and isolated white-green epidote veinlets throughout. Veinlets have stockworked and crenulated appearance throughout. more distinct hyaloclastic textures become more prominent below 71.2 metres with grey-green sub-rounded to sub-angular fragments ~1-2mm in diameter and moderately matrix supported. CPY/PY are finely disseminated with isolated small blebs associated with qtz-carb veinlets with ~trace-1%. Foliation ~80 degrees tCa to perpendicular with direction o core. Sproadic qtz-carb veinlets have greenish chloritic threads/fragments aligned with foliation direction o core (and typical orientation/trend of veinlets). lower contact is sharp and ~70-80 degrees tCa and denoted by abrupt change to grey-purple silicified hematitic alteration.</p>	E28653	67.30	68.80	1.50	0.00
			E28654	68.80	69.60	0.80	0.00
			E28655	69.60	70.60	1.00	0.00
			E28656	70.60	71.20	0.60	0.05
			E28657	71.20	72.30	1.10	0.02
			E28658	72.30	73.50	1.20	0.02
73.50	78.40	<p>VMX, MAFIC BRECCIA RUNWAY ZONE MINERALIZATION Purple-grey silicified hematitic alteration with pervasive brownish sericitic staining and whtiish-qtz-carb veinlets throughout. Green-black chl stringers pervasive throughout. Weak magnetism noted, albeit closer to lower contact. Veinlets have stockworked and crenulated appearance throughout. Stringers have crenulated apearance throughotu. CPY/PY are finely disseminated with small, fine-grained clusters and veinlets associated with qtz-carb veinlets and sericitic alteration with ~2-3%. Sulphide blebs/veinlets appear to be infilled. Foliation strong ~70-80 degrees tCa. Sproadic small patches of red-pink colouration with resemblance to k-spar mineralization, albeit likely attributed to hematitic staining. Drillers noted this area was much softer than surrounding core while drilling.</p>	E28659	73.50	74.30	0.80	0.62
			E28661	74.30	75.30	1.00	0.41
			E28662	75.30	76.10	0.80	0.48
			E28663	76.10	77.00	0.90	0.37
			E28664	77.00	77.80	0.80	1.24
			E28665	77.80	78.40	0.60	7.19
78.40	78.41	<p>ZGO, GOUGE RUNWAY-ROCK FAULT ~1-2mm wide grey mud gouge trending ~40-50 degrees tCa. Gouge seems to separate VMX/QBX, respectively. Unknown whether this is structurally controlling mineralization or fluke from later-stage fault activity (similar to Ghostmount fault at Holt-McDermott).</p>	E28666	78.40	79.20	0.80	1.73

DETAILED LOG

Hole Number: **RW17-001**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
78.41	81.10	<p>QBX, QUARTZ BRECCIA QTZ-RICH RUNWAY MINERALIZED ZONE Grey-white qtz veining with pervasive green-black chl stringers and patchy purple-grey brown hematitic and sericitic alteration (similar to described from 73.5-78.4 metres). No magnetism noted. Chl stringers are typically sub-millimetre in thickness, moderately crenulated and stockworked and have varying orientations throughout. Stringers appear to be later-stage mineralization. CPY/PY are finely disseminated throughout section and appear weakly associated with chl stringers with ~trace-1%. Trace very finely disseminated specular hematite/galena? (very hard to accurately distinguish between them due to grain size). Foliation ~80 degrees Tca to perpendicular with direction of core. Lower contact is gradational and ~60-70 degrees tCA. *LOOKS NEARLY IDENTICAL TO OBSERVED STRIPPED OUTCROP*</p>	E28667	79.20	79.80	0.60	0.42
			E28668	79.80	80.50	0.70	0.26
			E28669	80.50	81.10	0.60	0.64
81.10	85.40	<p>VMX, MAFIC BRECCIA RUNWAY MINERALIZED ZONE Same general textures and qualities as 73.5-78.4 metres, albeit with more pervasive qtz-carb stockworking throughout. Lower contact is sharp and ~50-60 degrees tCA. No magnetism noted.</p>	E28671	81.10	82.00	0.90	2.02
			E28672	82.00	82.70	0.70	7.69
			E28673	82.70	83.70	1.00	0.15
			E28674	83.70	84.80	1.10	0.30
			E28675	84.80	85.40	0.60	0.61
85.40	92.00	<p>VMX, MAFIC BRECCIA CHLORITIZED AND WEAKLY SILICIFIED RUNWAY MINERALIZATION Similar to 73.5-78.4 metres, albeit with pervasive green-black chloritic alteration similar to 35.2-60.9 metres throughout. PY/CPY is finely disseminated with small, angular clusters sporadically with ~trace-2%. Foliation ~70-80 degrees tCA> WEak to moderate magnetism noted with chloritic-altered sections, little to no magnetism noted with hematitic-altered areas. Hematite becomes more pervasive from 90-92.0 metres.</p>	E28676	85.40	86.20	0.80	0.06
			E28677	86.20	86.70	0.50	0.02
			E28678	86.70	87.90	1.20	0.14
			E28679	87.90	88.70	0.80	0.02
			E28681	88.70	90.00	1.30	0.04
			E28682	90.00	91.00	1.00	0.08
			E28683	91.00	92.00	1.00	0.49
92.00	107.90	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE PILLOWED/HYALOCLASTIC MAFIC VOLCANICS Green-black with whitish grey-green qtz-carb veinlets pervasive. Whitish-green epidote veinlets patchy. Sub-rounded to rounded pillow edges strongly visible with black-green fine-grained, almost 'glassy' matrix supporting pillowed edges. PY and CPY are finely disseminated with isoaltered disseminated cubes and fine-grained blebs with trace-1%. Foliation ~40-50 degrees tCA. Lower contact is relatively gradational and ~60-70 degrees tCA. Moderate-strong magnetism noted in more fine-grained 'glassy' textures; weak to non magnetic throughout pillowed sections.</p>	E28684	92.00	92.90	0.90	0.01
			E28685	92.90	93.40	0.50	0.02
			E28686	93.40	94.90	1.50	0.00
			E28687	94.90	96.00	1.10	0.00
			E28688	96.00	97.00	1.00	0.00
			E28689	97.00	98.00	1.00	0.13
			E28691	98.00	99.00	1.00	0.00
			E28692	99.00	100.20	1.20	0.00
			E28693	100.20	101.40	1.20	0.00
			E28694	101.40	102.70	1.30	0.00
			E28695	102.70	103.20	0.50	0.00
			E28696	103.20	104.00	0.80	0.00
			E28697	104.00	105.00	1.00	0.01
			E28698	105.00	106.00	1.00	0.00
			E28699	106.00	107.00	1.00	0.01
			E28701	107.00	107.90	0.90	0.00

DETAILED LOG

Hole Number: **RW17-001**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
107.90	166.30	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 35.2-60.9 metres. Becomes slightly more coarser grained below 146.6 metres and with slightly more epidote veinlets.	E28702	107.90	109.10	1.20	0.00
			E28703	109.10	109.60	0.50	0.02
			E28704	109.60	110.70	1.10	0.00
			E28705	110.70	112.10	1.40	0.00
			E28706	162.00	163.40	1.40	0.00
			E28707	163.40	164.90	1.50	0.00
			E28708	164.90	166.30	1.40	0.00
166.30	167.20	ZHZ, SHEAR SHEAR ZONE Black grey with pervasive whitish-grey qtz veinlets and moderate magnetism. Qtz veinlets have stockworked and crenulated appearance throughout. Sulphides are finely disseminated with small, ine-grained clusters associated with qtz veinlets with ~1-2%. Foliation ~80 degrees tCA to perpendicular with direction of core. Weak vugging present associated with qtz veinlets. Upper/lower contacts are relatively sharp and ~70-80 degrees TCA and denoted by ~2mm wide whitish-grey qtz veinlets.	E28709	166.30	167.20	0.90	0.00
167.20	181.30	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 107.9-166.3 metres.	E28711	167.20	168.60	1.40	0.01
			E28712	168.60	170.10	1.50	0.02
			E28713	180.50	181.30	0.80	0.01
181.30	183.00	ZFZ, FAULT ZONE 'FAULT ZONE' Broken/weakly poked-chipped core present from 181.3-183.0 metres, albeit along contacts with weakly vugged epidote/calc veinlets. Fractures along these surfaces would indicate non presence of ZFZ activity in area. Input as fault for RQD sake.	E28714	181.30	181.70	0.40	0.00
			E28715	181.70	183.00	1.30	0.02
183.00	183.90	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 167.2-181.3 metres.	E28716	183.00	183.90	0.90	0.00
183.90	185.00	IPO, FELSIC PORPHYRITIC INTRUSIVE PORPHYRYTIC INTRUSIVE Black-green matrix with whitish-pink and reddish k-spar phenocrysts. Phenocrysts are angular to sub-angular, ~2-3mm in diameter and well matrix supported. No preferential alignment noted with phenocrysts. PY/CPY is very finely disseminated and associated with matrix rather than phenocrysts with ~1%. Foliation ~70-80 degrees tCA based on upper/lower contacts. Upper/lower contacts are sharp and defined by ~5cm wide aphanitic chill margins. Unit looks remarkably similar to IPO unit reported in RW17-002 (249-249.5 metres). Addition of reddish syenitic alteration would indicate it is possibly intermixture of previously noted IPO/IPF units noted in previous holes.	E28717	183.90	185.00	1.10	0.05

DETAILED LOG

Hole Number: **RW17-001**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
185.00	212.60	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as noted in 167.2-181.3 metres. Sub-parallel with direction of core hematitic slips ~1mm in width noted sporadically from 195-201 metres.	E28718	185.00	186.00	1.00	0.03
			E28719	186.00	186.80	0.80	0.02
			E28721	186.80	187.80	1.00	0.00
			E28722	187.80	188.70	0.90	0.00
			E28723	210.00	211.50	1.50	0.00
			E28724	211.50	212.60	1.10	0.01
212.60	213.40	ZHZ, SHEAR SHEAR ZONE Grey-purple hematitic/silicified unit with pervasive whitish-grey qtz-carb veinlets. Veinlets have stockworked and crenulated appearance throughout. Veinlets are sporadically weakly vugged. Py is very finely disseminated throughout unit with trace-1%. Foliation ~80 degrees tCa to perpendicular with direction of core. Unit looks similar to a very weakly altered Runway mineralized zone and could indicate an enechelon-type shoot of the zone? Upper/lower contacts are sharp and ~!80 degrees tCa to perpendicular with direction of core. Broken/poker-chipped core pervasive throughout unit.	E28725	212.60	213.40	0.80	0.00
213.40	213.41	ZGO, GOUGE NEW FAULT> 2mm wide semi-healed grey mud-sand gouge trending perpendicular with direction of core. Perhaps an offshoot of RUNWAY-ROCK FAULT?	E28726	213.40	213.90	0.50	0.00
213.41	213.90	ZHZ, SHEAR SHEAR ZONE Grey-purple hematitic/silicified unit with pervasive whitish-grey qtz-carb veinlets. Veinlets have stockworked and crenulated appearance throughout. Veinlets are sporadically weakly vugged. Py is very finely disseminated throughout unit with trace-1%. Foliation ~80 degrees tCa to perpendicular with direction of core. Unit looks similar to a very weakly altered Runway mineralized zone and could indicate an enechelon-type shoot of the zone? Upper/lower contacts are sharp and ~!80 degrees tCa to perpendicular with direction of core. Broken/poker-chipped core noted throughout unit.					
213.90	230.40	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAIC VOLCANICS Same general textures and qualities as 185.0-212.6 metres, albeit with slight increase in grain size becoming gradational towards lower contact. Lower contact is sharp and ~70-80 degrees tCA>	E28727	213.90	215.00	1.10	0.00
			E28728	215.00	216.00	1.00	0.00
			E28729	216.00	216.70	0.70	0.00
			E28731	216.70	217.50	0.80	0.00
			E28732	217.50	218.50	1.00	0.00
			E28733	227.20	228.20	1.00	0.00
			E28734	228.20	229.20	1.00	0.00
		E28735	229.20	230.40	1.20	0.00	

DETAILED LOG

Hole Number: **RW17-001**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
230.40	234.80	<p>ZHZ, SHEAR SHEAR ZONE Similar in texture and qualities as 212.6-213.9 metres, albeit with addition of grey-brown sericitic alteration. Episodic shear zones ~3-5cm in width noted throughout zone with interlayered white-grey qtz-carb veining, indicating ~2 separate episodes of shearing. These shear veins trend ~50-60 degrees tCA. Qtz-carb veinlets have pervasive crenulated/stockworked appearance throughout. CPY/PY are finely disseminated with small, fine-grained clusters throughout with ~1-2%. ASPY/GALENA as sporadic fine-grained clusters throughout with ~trace-1%. Foliation ~70-80 degrees tCA. Hematitic/sericitic alteration abruptly transitions to green-black chloritic alteration (exhibiting much weaker, albeit present sheared textures) below 233.0 metres.</p>	E28736	230.40	231.00	0.60	0.15
			E28737	231.00	232.00	1.00	0.00
			E28738	232.00	233.00	1.00	0.10
			E28739	233.00	234.00	1.00	0.01
			E28741	234.00	234.80	0.80	0.00
234.80	252.20	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTITE/PILLOWED VOLCANICS Green-black with grey-black silicified portions and whitish-grey-green qtz-carb/epidote veinlets throughout. Isoalted black aphanitic 'veinlets' between pillowed edges. Qtz-carb/epidote veinlets have stockworked and crenulated appearance throughout. PY/CPY are finely disseminated with sporadic small, fine-grained clusters associated with sporadic qtz-carb veinlets and aphanitic pillowed/hyaloclastic portions with ~trace-1%. Foliation ~70-80 degrees tCa. Silicification becomes more prominent below 240.7 metres.</p>	E28742	234.80	235.60	0.80	0.01
			E28743	235.60	236.30	0.70	0.00
			E28744	236.30	237.00	0.70	0.00
			E28745	237.00	238.00	1.00	0.00
			E28746	238.00	239.00	1.00	0.00
			E28747	239.00	240.00	1.00	0.00
			E28748	240.00	240.70	0.70	0.00
			E28749	240.70	242.00	1.30	0.00
			E28751	242.00	243.00	1.00	0.00
			E28752	243.00	244.50	1.50	0.00
			E28753	244.50	246.00	1.50	0.02
			E28754	246.00	247.50	1.50	0.00
			E28755	247.50	248.10	0.60	0.00
			E28756	248.10	248.70	0.60	0.04
			E28757	248.70	249.90	1.20	0.01
		E28758	249.90	250.40	0.50	0.00	
		E28759	250.40	251.20	0.80	0.00	
		E28761	251.20	252.20	1.00	0.00	
252.20	288.70	<p>VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures/qualities as 185.0-212.6 metres. Lower contact is sharp and defined by increased sub-millimetre qtz-carb veinlets towards lower contact. Lower contact is abrupt and ~60-70 degrees tCA and denoted by abrupt change to grey-purple hematitic alteration.</p>	E28762	252.20	253.10	0.90	0.00
			E28763	253.10	254.60	1.50	0.00
			E28764	287.00	288.00	1.00	0.00
			E28765	288.00	288.70	0.70	0.00

DETAILED LOG

Hole Number: **RW17-001**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
288.70	290.80	VMX, MAFIC BRECCIA SHEARED 'NORTH TRENCH' MINERALIZATION Grey-purple to grey-green silicified hematitic/chloritic alteration with whtiish-grey green qtz-carb/epidote veinelts. Weak to moderate magnetism noted. Veinelts have stockworked and crenualted apearence throughout unit. PY/CPY is finely dissemianted with small, ine-grained clusters sporadically with ~1-2%. No observed ASPY/Galena. Folaition ~50-60 degrees tCA. Broken/blocky core patchy and associated with vugged qtz-carb veinelts. Sproadic ~1-2mm ofsets noted trending perpendicular with direction of core.	E28766	288.70	289.70	1.00	0.01
			E28767	289.70	290.30	0.60	0.00
			E28768	290.30	290.80	0.50	0.00
290.80	303.60	VMH, MAFIC VOLCANIC HYALOCLASTITE SHEARED HYALOCLASTITE? Grey-green with pervasive whtiish-grey qtz-carb veinelts and green-white epidote veinlets. Very weak magnetism noted. Qtz-carb/epidote veinlets have stockworked and crenualted appearance throughout. Patchy heavily reworked chloritic fragments ~1-3mm ind aimeter throughout unit that are generally well supported by qtz-carb/epidote veinelts. Sporadic fragments have epidote veinelts crosscutting. PY/CPY is finely dissemianted with small, fine-grained clusters throughout with ~2-3%. Foliation fairly consistent ~40-60 degrees tCA. *UNIT HAS SIMILAR TEXTURES AS HYALOCLASTICS OBSERVED AT TOP OF RW17-002*	E28769	290.80	292.00	1.20	0.00
			E28771	292.00	293.10	1.10	0.00
			E28772	293.10	294.00	0.90	0.00
			E28773	294.00	295.00	1.00	0.00
			E28774	295.00	296.00	1.00	0.02
			E28775	296.00	297.00	1.00	0.00
			E28776	297.00	297.40	0.40	0.00
			E28777	297.40	298.50	1.10	0.00
			E28778	298.50	299.10	0.60	0.00
			E28779	299.10	299.60	0.50	0.00
			E28781	299.60	300.30	0.70	0.00
			E28782	300.30	301.10	0.80	0.00
			E28783	301.10	302.10	1.00	0.01
			E28784	302.10	303.00	0.90	0.00
		E28785	303.00	303.60	0.60	0.00	
303.60	322.10	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAIC VOLCANICS Same general tetures and qualities as 252.2-288.7 metres. Moderately silicified throughout. PY as sporadic small cubic blebs throughout with ~<1%. Broken core present throughout, albeit along contacts with qtz-carb veinelts.	E28786	303.60	304.60	1.00	0.00
			E28787	304.60	305.50	0.90	0.01
			E28788	305.50	306.30	0.80	1.52
			E28789	306.30	307.70	1.40	0.00
			E28791	320.30	321.40	1.10	0.00
			E28792	321.40	322.10	0.70	0.00
322.10	326.70	VMX, MAFIC BRECCIA HEMATIZED SHEAR ZONE - 'NORTH TRENCH MINERALIZATION' Black-green with purple-grey hematized patches and pervasive white-grey qtz-carb veinlets. Veinelts have stockworked and crenualted apearence throughout. PY/CPY are finely disseminated with small, fine-grained clusters throughtotu with ~1-2%. Folaition strongest ~70-80 degrees tCA. VG speck sighted at 326.4 metres within ~70cm wide grey-white qtz epidoiic shear zone. Lower contact is sharp and ~70-80 degrees tCa	E28793	322.10	323.40	1.30	0.39
			E28794	323.40	324.50	1.10	0.26
			E28795	324.50	325.50	1.00	0.00
			E28796	325.50	326.00	0.50	0.00
			E28797	326.00	326.70	0.70	11.38

DETAILED LOG

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Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
326.70	338.40	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 303.6-322.1 metres, albeit with weak hematitic staining and sporadic epidote veinlets. Broken core pervasive throughout, albeit along qtz-carb/epidote veinlets and not attributed to inferred fault activity.	E28799	326.70	327.60	0.90	0.16
			E28801	327.60	328.60	1.00	1.39
			E28802	328.60	330.00	1.40	0.00
			E28803	330.00	331.50	1.50	0.00
			E28804	331.50	333.00	1.50	0.17
			E28805	333.00	333.80	0.80	0.02
			E28806	333.80	334.70	0.90	0.02
			E28807	334.70	335.20	0.50	0.00
			E28808	335.20	336.00	0.80	0.00
			E28809	336.00	337.00	1.00	0.12
			E28811	337.00	338.40	1.40	0.00
338.40	341.70	ZHZ, SHEAR SHEAR ZONE Unit appears to be similar to previous unit, albeit with extensive epidote stockworking throughout. 'Fragments' are angular, ~1-3mm in diameter and epidote matrix supported. Fragments are from surrounding host rock. PY and CPY are finely disseminated with small, fine-grained blebs throughout with ~1-2%. Foliation ~70-80 degrees tCa.	E28812	338.40	339.20	0.80	0.00
			E28813	339.20	339.90	0.70	0.00
			E28814	339.90	341.00	1.10	0.00
			E28815	341.00	341.70	0.70	0.00
341.70	348.60	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general qualities and textures as 326.7-338.4 metres.	E28816	341.70	343.00	1.30	0.00
			E28817	343.00	344.00	1.00	0.00
			E28818	344.00	345.00	1.00	0.00
			E28819	345.00	346.00	1.00	1.15
			E28821	346.00	346.70	0.70	0.00
			E28822	346.70	347.20	0.50	0.00
			E28823	347.20	348.00	0.80	0.02
			E28824	348.00	348.60	0.60	0.00
348.60	351.50	VMX, MAFIC BRECCIA HEMATITIC AND SILICIFIED MAFIC BRECCIA - 'NORTH TRENCH' OFFSHOOT? Similar textures and qualities as 322.1-326.7 metres, albeit with ~10cm patch of red-pink feldspathic fragments at 350.9-351.0 metres.	E28825	348.60	349.60	1.00	0.00
			E28826	349.60	350.50	0.90	0.00
			E28827	350.50	351.00	0.50	7.28
			E28828	351.00	351.50	0.50	1.03
351.50	353.40	ZHZ, SHEAR SHEAR ZONE Grey-green to black-grey extensively sheared mafic volcanic. White-grey qtz-carb veinlets pervasive throughout with stockworked, crenulated and 'wispy, horse-tail' appearance throughout. PY and CPY are very finely disseminated with ~1% Foliation ~70-80 degrees TCA; 'shear trend' trending ~10 degrees tCA to sub-parallel with direction of core. Qtz-carb veinlets emanate roughly perpendicular with trend of shear and show ~1-2mm offsets along shear trend.	E28829	351.50	352.50	1.00	0.00
			E28831	352.50	353.40	0.90	0.00
353.40	355.40	VMX, MAFIC BRECCIA Same general textures and qualities as 348.6-351.5, albeit lacking k-spar and with weakly vugged qtz-carb veinlets throughout.	E28832	353.40	354.00	0.60	0.06
			E28833	354.00	354.90	0.90	0.00
			E28834	354.90	355.40	0.50	0.00

DETAILED LOG

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Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
355.40	371.20	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 341.7-348.6 metres. Epidote veinlets trend ~20-50 degrees tCA.	E28835	355.40	356.00	0.60	0.00
			E28836	356.00	357.50	1.50	0.00
			E28837	357.50	358.10	0.60	0.00
			E28838	358.10	359.60	1.50	0.00
			E28839	366.20	367.70	1.50	0.00
			E28841	367.70	368.70	1.00	0.00
			E28842	368.70	369.60	0.90	0.00
			E28843	369.60	370.30	0.70	0.00
			E28844	370.30	371.20	0.90	0.00
371.20	372.30	ISP, PORPHYRITIC SYENITE SYENITIC PORPHYRY Red-pink to white-pink k-spar phenocrysts, black amphibole phenocrysts and green-black chloritic matrix pervasive. Phenocrysts are sub-angular, ~2-3mm indiameter and well matrix supported. Phenocrysts show weak preferential alignment along foliation direction of unit. ~1-2% finely disseminated PY throughout unit. Foliation ~60-70 degrees tCA. Upper/lower contacts denoted by ~1-2cm wide chill margins ~80 degrees tCA.	E28845	371.20	372.30	1.10	0.00
372.30	382.00	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Similar textures and qualities as 355.4-371.2 metres, albeit noticeably more coarse-grained textures noted throughout.	E28846	372.30	373.10	0.80	0.03
			E28847	373.10	373.90	0.80	0.00
382.00	382.60	ZFZ, FAULT ZONE FAULT ZONE Same general textures as adjacent units, albeit with pervasive broken/blocky/rubbly core noted throughout. No mud gouge/textures noted. Upper/lower contacts are sharp and ~40-50 degrees tCA.					
382.60	390.70	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same textures and qualities as 355.4-371.2 metres. Finer-grained variant of 372.3-382.0 metres.	E28848	388.50	390.00	1.50	0.00
			E28849	390.00	390.70	0.70	0.00
390.70	392.70	ISP, PORPHYRITIC SYENITE SYENITIC PORPHYRY Same general textures/qualities as 371.2-372.3 metres, albeit with more pervasive red-pink k-spar and light green 'ninja turtle' coloured epidote veinlets throughout. Veinlets trend ~20-40 degrees tCA. Phenocrysts have no preferential alignment. Upper/lower contacts are sharp and ~80 degrees TCA to perpendicular with direction of core.	E28851	390.70	391.80	1.10	0.07
			E28852	391.80	392.70	0.90	0.00
392.70	397.20	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same generalities as 382.6-390.7 metres.	E28853	392.70	393.90	1.20	0.00
			E28854	393.90	395.40	1.50	0.02
			E28855	395.40	396.60	1.20	0.00
			E28856	396.60	397.20	0.60	0.00

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Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
397.20	402.60	LLO, LAMPROPHYRE LAMPROPHYRE Purple-green matrix with red-pink and white k-spar phenocrysts, white-grey qtz-carb veinlets and black amphibole phenocrysts throughout. Qtz-carb veinlets have weak crenulated appearance and trend roughly sub-parallel with direction of core. Phenocrysts show no preferential alignment. PY and CPY are very finely disseminated with ~trace-1%. Lower contact is sharp and ~10-20 degrees tCA>	E28857	397.20	398.00	0.80	0.00
			E28858	398.00	399.00	1.00	0.00
			E28859	399.00	400.00	1.00	0.00
			E28861	400.00	401.00	1.00	0.00
			E28862	401.00	402.00	1.00	0.00
			E28863	402.00	402.60	0.60	0.00
402.60	404.00	ZGO, GOUGE FAULT GOUGE - 'NORTH TRENCH +/- TAXI-WAY FAULT' Grey-green semi-healed fault gouge intermixed with preceding lamprophyric litho. 402.6-403.3 metres trends roughly ~20 degrees tCA to sub-parallel; 403.9-404.0 trend ~80 degrees TCA to perpendicular with direction of core. *GOUGES ARE PREVIOUSLY UNIDENTIFIED AND THUS REFERRED TO AS 'NORTH TRENCH FAULT' UNTIL OTHERWISE DISCUSSED. 'TAXI-WAY FAULT' (KEEPING WITH RUNWAY NOMENCLATURE) WOULD ALSO BE A SUITABLE ALTERNATIVE*	E28864	402.60	403.30	0.70	0.00
			E28865	403.30	404.00	0.70	0.00
404.00	407.00	LLO, LAMPROPHYRE LAMPROPHYRE Same general textures/qualities as 397.2-402.6 metres, albeit with more chloritic mineralized matrix. Lower contact is jagged and ~40-50 degrees tCA.	E28866	404.00	405.10	1.10	0.00
			E28867	405.10	406.00	0.90	0.00
			E28868	406.00	407.00	1.00	0.00
407.00	432.00	VGO, GABBRO GABBRO Much more coarse variant of 382.6-390.7 metres. Pervasive interlocked textures that could be mistaken for spinifex. Moderate magnetism throughout. Foliation ~60-70 degrees tCA; epidote/Qtz-carb veinlets ~30-60 degrees tCa and have weakly stockworked and crenulated appearance.	E28869	407.00	408.10	1.10	0.00

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28643	57.40	58.90	0.0025
E28644	58.90	60.00	0.0430
E28645	60.00	60.90	0.0190
E28646	60.90	62.00	0.0025
E28647	62.00	63.00	0.0190
E28648	63.00	64.20	0.0150
E28649	64.20	65.60	0.0025
E28651	65.60	66.90	0.0025
E28652	66.90	67.30	0.0025
E28653	67.30	68.80	0.0025
E28654	68.80	69.60	0.0025
E28655	69.60	70.60	0.0025
E28656	70.60	71.20	0.0540

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Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28657	71.20	72.30	0.0190
E28658	72.30	73.50	0.0150
E28659	73.50	74.30	0.6150
E28661	74.30	75.30	0.4120
E28662	75.30	76.10	0.4810
E28663	76.10	77.00	0.3690
E28664	77.00	77.80	1.2410
E28665	77.80	78.40	7.1910
E28666	78.40	79.20	1.7280
E28667	79.20	79.80	0.4200
E28668	79.80	80.50	0.2610
E28669	80.50	81.10	0.6360
E28671	81.10	82.00	2.0240
E28672	82.00	82.70	7.6880
E28673	82.70	83.70	0.1510
E28674	83.70	84.80	0.2950
E28675	84.80	85.40	0.6070
E28676	85.40	86.20	0.0560
E28677	86.20	86.70	0.0210
E28678	86.70	87.90	0.1430
E28679	87.90	88.70	0.0190
E28681	88.70	90.00	0.0370
E28682	90.00	91.00	0.0790
E28683	91.00	92.00	0.4850
E28684	92.00	92.90	0.0060
E28685	92.90	93.40	0.0240
E28686	93.40	94.90	0.0025
E28687	94.90	96.00	0.0025
E28688	96.00	97.00	0.0025
E28689	97.00	98.00	0.1250
E28691	98.00	99.00	0.0025
E28692	99.00	100.20	0.0025
E28693	100.20	101.40	0.0025
E28694	101.40	102.70	0.0025
E28695	102.70	103.20	0.0025
E28696	103.20	104.00	0.0025
E28697	104.00	105.00	0.0100
E28698	105.00	106.00	0.0025
E28699	106.00	107.00	0.0050

Hole Number: **RW17-001**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28701	107.00	107.90	0.0025
E28702	107.90	109.10	0.0025
E28703	109.10	109.60	0.0170
E28704	109.60	110.70	0.0025
E28705	110.70	112.10	0.0025
E28706	162.00	163.40	0.0025
E28707	163.40	164.90	0.0025
E28708	164.90	166.30	0.0025
E28709	166.30	167.20	0.0025
E28711	167.20	168.60	0.0090
E28712	168.60	170.10	0.0160
E28713	180.50	181.30	0.0140
E28714	181.30	181.70	0.0025
E28715	181.70	183.00	0.0220
E28716	183.00	183.90	0.0025
E28717	183.90	185.00	0.0490
E28718	185.00	186.00	0.0330
E28719	186.00	186.80	0.0210
E28721	186.80	187.80	0.0025
E28722	187.80	188.70	0.0025
E28723	210.00	211.50	0.0025
E28724	211.50	212.60	0.0140
E28725	212.60	213.40	0.0025
E28726	213.40	213.90	0.0025
E28727	213.90	215.00	0.0025
E28728	215.00	216.00	0.0025
E28729	216.00	216.70	0.0025
E28731	216.70	217.50	0.0025
E28732	217.50	218.50	0.0025
E28733	227.20	228.20	0.0025
E28734	228.20	229.20	0.0025
E28735	229.20	230.40	0.0025
E28736	230.40	231.00	0.1520
E28737	231.00	232.00	0.0025
E28738	232.00	233.00	0.0950
E28739	233.00	234.00	0.0100
E28741	234.00	234.80	0.0025
E28742	234.80	235.60	0.0060
E28743	235.60	236.30	0.0025

Hole Number: **RW17-001**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28744	236.30	237.00	0.0025
E28745	237.00	238.00	0.0025
E28746	238.00	239.00	0.0025
E28747	239.00	240.00	0.0025
E28748	240.00	240.70	0.0025
E28749	240.70	242.00	0.0025
E28751	242.00	243.00	0.0025
E28752	243.00	244.50	0.0025
E28753	244.50	246.00	0.0190
E28754	246.00	247.50	0.0025
E28755	247.50	248.10	0.0025
E28756	248.10	248.70	0.0410
E28757	248.70	249.90	0.0100
E28758	249.90	250.40	0.0025
E28759	250.40	251.20	0.0025
E28761	251.20	252.20	0.0025
E28762	252.20	253.10	0.0025
E28763	253.10	254.60	0.0025
E28764	287.00	288.00	0.0025
E28765	288.00	288.70	0.0025
E28766	288.70	289.70	0.0130
E28767	289.70	290.30	0.0025
E28768	290.30	290.80	0.0025
E28769	290.80	292.00	0.0025
E28771	292.00	293.10	0.0025
E28772	293.10	294.00	0.0025
E28773	294.00	295.00	0.0025
E28774	295.00	296.00	0.0190
E28775	296.00	297.00	0.0025
E28776	297.00	297.40	0.0025
E28777	297.40	298.50	0.0025
E28778	298.50	299.10	0.0025
E28779	299.10	299.60	0.0025
E28781	299.60	300.30	0.0025
E28782	300.30	301.10	0.0025
E28783	301.10	302.10	0.0080
E28784	302.10	303.00	0.0025
E28785	303.00	303.60	0.0025
E28786	303.60	304.60	0.0025

Hole Number: **RW17-001**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28787	304.60	305.50	0.0100
E28788	305.50	306.30	1.5170
E28789	306.30	307.70	0.0025
E28791	320.30	321.40	0.0025
E28792	321.40	322.10	0.0025
E28793	322.10	323.40	0.3860
E28794	323.40	324.50	0.2580
E28795	324.50	325.50	0.0025
E28796	325.50	326.00	0.0025
E28797	326.00	326.70	11.3800
E28799	326.70	327.60	0.1640
E28801	327.60	328.60	1.3920
E28802	328.60	330.00	0.0025
E28803	330.00	331.50	0.0025
E28804	331.50	333.00	0.1660
E28805	333.00	333.80	0.0200
E28806	333.80	334.70	0.0200
E28807	334.70	335.20	0.0025
E28808	335.20	336.00	0.0025
E28809	336.00	337.00	0.1190
E28811	337.00	338.40	0.0025
E28812	338.40	339.20	0.0025
E28813	339.20	339.90	0.0025
E28814	339.90	341.00	0.0025
E28815	341.00	341.70	0.0025
E28816	341.70	343.00	0.0025
E28817	343.00	344.00	0.0025
E28818	344.00	345.00	0.0025
E28819	345.00	346.00	1.1450
E28821	346.00	346.70	0.0025
E28822	346.70	347.20	0.0025
E28823	347.20	348.00	0.0200
E28824	348.00	348.60	0.0025
E28825	348.60	349.60	0.0025
E28826	349.60	350.50	0.0025
E28827	350.50	351.00	7.2780
E28828	351.00	351.50	1.0280
E28829	351.50	352.50	0.0025
E28831	352.50	353.40	0.0025

Hole Number: **RW17-001**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28832	353.40	354.00	0.0560
E28833	354.00	354.90	0.0025
E28834	354.90	355.40	0.0025
E28835	355.40	356.00	0.0025
E28836	356.00	357.50	0.0025
E28837	357.50	358.10	0.0025
E28838	358.10	359.60	0.0025
E28839	366.20	367.70	0.0025
E28841	367.70	368.70	0.0025
E28842	368.70	369.60	0.0025
E28843	369.60	370.30	0.0025
E28844	370.30	371.20	0.0025
E28845	371.20	372.30	0.0025
E28846	372.30	373.10	0.0250
E28847	373.10	373.90	0.0025
E28848	388.50	390.00	0.0025
E28849	390.00	390.70	0.0025
E28851	390.70	391.80	0.0720
E28852	391.80	392.70	0.0025
E28853	392.70	393.90	0.0025
E28854	393.90	395.40	0.0220
E28855	395.40	396.60	0.0025
E28856	396.60	397.20	0.0025
E28857	397.20	398.00	0.0025
E28858	398.00	399.00	0.0025
E28859	399.00	400.00	0.0025
E28861	400.00	401.00	0.0025
E28862	401.00	402.00	0.0025
E28863	402.00	402.60	0.0025
E28864	402.60	403.30	0.0025
E28865	403.30	404.00	0.0025
E28866	404.00	405.10	0.0025
E28867	405.10	406.00	0.0025
E28868	406.00	407.00	0.0025
E28869	407.00	408.10	0.0025

DETAILED LOG



Hole Number: **RW17-002**

Units: METRIC

Project Name: Harker Township	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -55.00
Project Number: HARKER_TWP	North: 5370330.00	North:	Collar Az: 339.00
Location: Harker Township	East: 590180.00	East:	Length: 333.00
	Elev: 336.00	Elev:	Start Depth: 0.00
Date Started: Oct 17, 2017	Collar Survey: N	Plugged: N	Contractor: Asinii
Date Completed: Oct 21, 2017	Multishot Survey: N	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 333.00

Comments: Approximately 3m of casing

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	341.70	-55.50	Bruntor	OK	Assumed from first test	18.00	341.70	-55.50	EZ Sho	OK	Aziuth corrected 11.1 degrees, pulled back 6m
69.00	339.90	-55.30	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m	120.00	339.40	-55.60	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m
171.00	345.20	-55.60	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m	219.00	351.50	-55.20	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m
270.00	346.80	-55.20	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m	321.00	347.90	-55.10	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m

Detailed Lithology

From		To	Lithology	Assay Data					
Sample Number		From		To	Length	Au_gpt_Final			
0.00	5.50		HPO, OVERBURDEN Approx. 3m of casing; no recovered core to knowledge until 5.5 metres.						
5.50	23.40		VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTIC MAFIC VOLCANIC Green-black with pervasive whitish-grey qtz-carb veinlets and patchy purple-black hematitic alteration. Patchy weak magnetism. Generally coarse-grained in texture with textures that could be mistaken for VUK/VGO. Fragments are angular, ~3-5mm in diameter and generally well matrix supported. Pyrite/CPY are very finely disseminated with spirodic small, cubic clusters throughout with ~trace-1%. Foliation ~60-70 degree tCA. Lower contact is sharp and ~80 degrees tCA to perpendicular with direction of core and denoted by abrupt change to fine-grained VMM. Veinlets have weak crenulated and stockworked appearance throughout.	E28261	14.20	15.60	1.40	0.01	
				E28262	15.60	16.70	1.10	0.01	
				E28263	16.70	17.40	0.70	0.01	
				E28264	17.40	18.00	0.60	0.01	
				E28265	18.00	18.80	0.80	0.00	
				E28266	18.80	19.80	1.00	0.01	
				E28267	19.80	20.90	1.10	0.00	
				E28268	20.90	21.40	0.50	0.01	
				E28269	21.40	21.90	0.50	0.01	
				E28271	21.90	22.40	0.50	3.22	
				E28272	22.40	23.40	1.00	0.01	

DETAILED LOG

Hole Number: **RW17-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
23.40	66.10	<p>VMM, MAFIC VOLCANIC MASSIVE</p> <p>MAFIC VOLCANIC Green-black with whitish-grey Qtz-carb veinlets, weak pervasive magnetism and patches of purple-black hematitic alteration. Qtz-carb veinlets have weakly crenulated appearance throughout. Trace-1% disseminated and weakly clustered sulphides (locally 1-2% clustered sulphides associated with silicified portion at ~42.0 metres. Foliation fairly strong at ~70-80 degrees TCA> Qtz-carb veinlets typically have orientations trending ~80 degrees tCA to perpendicular with direction of core.</p> <p>MINOR INTERVALS: Minor Interval: 23.40 - 30.20 VMV, MAFIC VOLCANIC VARIOLITIC VARIOLITIC VOLCANIC Same general qualities as described from 23.4-66.1 metres, albeit with pervasive ~5-10mm diameter, sub-rounded to rounded purplish hematitic varioles. Sulphides are finely disseminated with sporadic thin veinlets with ~trace-1%. Sulphides appear to be later-stage and infilling. Lower contact is fairly abrupt with and ~60-70 degrees tCA. Minor Interval: 41.80 - 42.20 QCO, CALCITE/CARB/ANKERITE VENING BRECCIATED QTZ-CARB VEIN Whitish-grey silicified contact with pervasive green chloritic threads/'fragments' throughout. Sulphides are relatively clustered and weakly veined with ~2-3% throughout. Sulphides appear later-stage and infilled due to close proximity/association with chloritic threads throughout. Upper/lower contacts are jagged and abrupt and trend ~70-80 degrees tCa.</p>	E28273	23.40	24.00	0.60	0.02
			E28274	24.00	25.00	1.00	0.01
			E28275	25.00	26.00	1.00	0.01
			E28276	26.00	27.00	1.00	0.00
			E28277	27.00	28.00	1.00	0.01
			E28278	28.00	28.80	0.80	0.01
			E28279	28.80	29.40	0.60	0.01
			E28281	29.40	30.20	0.80	0.01
			E28282	30.20	31.30	1.10	0.01
			E28283	39.80	41.30	1.50	0.00
			E28284	41.30	41.80	0.50	0.01
			E28285	41.80	42.30	0.50	0.01
			E28286	42.30	42.80	0.50	0.01
			E28287	42.80	44.30	1.50	0.00
			E28288	63.90	65.40	1.50	0.01
			E28289	65.40	66.10	0.70	0.00
66.10	67.10	<p>IPF, FELDSPAR PORPHYRY</p> <p>FELDSPAR PORPHYRY Light pink feldspar/syenite with pervasive black amphibole/micaceous specks/phenocrysts and white-grey Qtz-carb veinlets throughout. ~5cm grey-green silicified chloritic chill margins at upper/lower contacts. Qtz-carb veinlets have weakly crenulated and stockworked appearance throughout. Sulphides are finely disseminated with isolated small, fine-grained clusters associated with amphibole/micaceous mineralization with ~1-2% throughout. Galena as fine-grained thin veinlets throughout with ~<1%. Foliation ~70-80 degrees tCA. Upper/lower contacts are sharp, defined by ~5cm wide chill margins and trend ~80 degrees tCA to perpendicular with direction of core.</p>	E28291	66.10	67.10	1.00	0.05
67.10	70.60	<p>VMM, MAFIC VOLCANIC MASSIVE</p> <p>MAFIC VOLCANICS Same general textures and qualities as 23.4-66.1 metres. Lower contact is sharp and ~70-80 degrees tCa.</p>	E28292	67.10	68.00	0.90	0.04
			E28293	68.00	69.50	1.50	0.00

DETAILED LOG

Hole Number: **RW17-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
70.60	84.00	LDO, DIABASE DYKE DIABASE Similar to 67.1-70.6 metres, albeit distinctly more coarse grained and with addition of light green epidote veinlets periodically. Whitiish qtz-carb veinlets have stockworked and weakly crenulated appearance throughout. Sulphides are finely disseminated with sporadic small, fine-grained clusters throughout with ~<1%. Foliation ~70-80 degrees tCA. Lower contact is gradational back into more finer-grained VMM material and ~70-80 degrees tCA.					
84.00	142.10	VMM, MAFIC VOLCANIC MASSIVE MAFIC VOLCANICS Same general textures and qualities as 67.1-70.6 metres, ~1-2mm width hematitic slip noted at 118.0 metres trending ~40-50 degrees tCA.	E28294	123.80	125.30	1.50	0.00
			E28295	125.30	125.80	0.50	0.01
			E28296	125.80	126.30	0.50	0.69
			E28297	126.30	127.30	1.00	0.00
			E28298	127.30	128.80	1.50	0.00
142.10	150.70	LDO, DIABASE DYKE Same general textures and qualities as 70.6-84.0 metres. 1-2mm diameter, sub-angular whitish feldspathic phenocrysts noted throughout unit. No discernible preferential alignment of phenocrysts noted.	E28299	144.10	145.60	1.50	0.01
			E28301	145.60	146.10	0.50	0.00
			E28302	146.10	147.20	1.10	0.00
			E28303	147.20	147.80	0.60	0.00
			E28304	147.80	148.40	0.60	0.00
			E28305	148.40	149.40	1.00	0.00
			E28306	149.40	150.70	1.30	0.00
150.70	196.70	VMM, MAFIC VOLCANIC MASSIVE Same general textures and qualities as 84.0-142.1 metres.	E28307	150.70	152.20	1.50	0.16
			E28308	195.20	196.70	1.50	0.00
196.70	207.00	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTITE? (CONTACT ZONE?) Dark green-black with whitish-grey qtz-carb veinlets and green-white epidote veinlets. Qtz-carb and epidote veinlets have stockworked and weakly crenulated appearance throughout unit. 'Fragments' are sub-angular, ~5-15mm in diameter and generally well matrix supported. Trace-1% disseminated and clustered pyrite and pyrrhotite noted throughout. Foliation ~70-80 degrees tCa. Lower contact is sharp and ~70-80 degrees tCA. ~1cm wide vein of galena noted at 202.1 metres.	E28309	196.70	198.00	1.30	0.01
			E28311	198.00	198.80	0.80	0.01
			E28312	198.80	200.00	1.20	0.01
			E28313	200.00	201.00	1.00	0.01
			E28314	201.00	202.50	1.50	0.01
			E28315	202.50	203.50	1.00	0.00
			E28316	203.50	204.00	0.50	0.01
			E28317	204.00	205.00	1.00	0.03
			E28318	205.00	206.00	1.00	0.01
			E28319	206.00	207.00	1.00	0.02

DETAILED LOG

Hole Number: **RW17-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
207.00	210.80	VMX, MAFIC BRECCIA RUNWAY ZONE MINERALIZATION Purple-black hematization with pervasive whitish-grey qtz-carb veinlets and patchy brown sericitization. Qtz-carb veinlets have stockworked and weakly crenulated appearance throughout. Sulphides (pyrite and phyrrotite) are fine-grained and clustered with 2-3% throughout. Sporadic small clusters of CPY throughout with ~<1%. Foliation fairly consistent ~70-80 degrees tCA. Several 3-5mm width chl-qtz later-stage shears throughout unit that typically trend ~80 degrees TCA to perpendicular with direction of core. These are found to crosscut whtiish-grey qtz-carb veinlets throughotu unit that have varying orientations from ~40-70 degrees tCA. Chl-qtz shear veinlets often displace these qtz-carb veinlets ~2-5mm along foliation direction of core.	E28321	207.00	207.50	0.50	0.05
			E28322	207.50	208.90	1.40	0.01
			E28323	208.90	210.00	1.10	0.04
			E28324	210.00	210.80	0.80	0.05
210.80	210.90	ZGO, GOUGE 'RUNWAY-ROCK FAULT' Grey, semi-healed mud gouge with sharp upper/lower cotnacts trending 80 degrees tCA to perpendicular with direction of core. Whitish qtz-carb fragments ~1mm in diameter, angular and well matrix supported. Fragments show no preferential orientation. *Should be noted that no prior mention of this gouge was mentioned in historical drilling, nor noted in OGS mapping in general area.*	E28325	210.80	211.30	0.50	0.93
210.90	225.20	VMX, MAFIC BRECCIA RUNWAY ZONE MINERALIZATION Purple-black hematization with pervasive whitish-grey qtz-carb veinlets and patchy brown sericitization. Qtz-carb veinlets have stockworked and weakly crenulated appearance throughout. Sulphides (pyrite and phyrrotite) are fine-grained and clustered with 2-3% throughout. CPY as sporadic fine-grained specks throughout with ~<1%. Foliation fairly consistent ~70-80 degrees tCA. Several 3-5mm width chl-qtz later-stage shears throughout unit that typically trend ~80 degrees TCA to perpendicular with direction of core. These are found to crosscut whtiish-grey qtz-carb veinlets throughotu unit that have varying orientations from ~40-70 degrees tCA. Chl-qtz shear veinlets often displace these qtz-carb veinlets ~2-5mm along foliation direction of core.	E28326	211.30	212.70	1.40	0.47
			E28327	212.70	213.30	0.60	8.36
			E28328	213.30	214.00	0.70	3.68
			E28329	214.00	215.00	1.00	1.05
			E28331	215.00	216.00	1.00	0.27
			E28332	216.00	217.00	1.00	0.08
			E28333	217.00	218.00	1.00	0.89
			E28334	218.00	219.00	1.00	0.33
			E28335	219.00	219.90	0.90	0.23
			E28336	219.90	220.80	0.90	8.17
			E28337	220.80	222.00	1.20	2.63
			E28338	222.00	222.80	0.80	0.73
			E28339	222.80	223.30	0.50	10.11
			E28341	223.30	223.90	0.60	0.97
		E28342	223.90	224.70	0.80	0.05	
		E28343	224.70	225.20	0.50	0.06	

DETAILED LOG

Hole Number: **RW17-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
225.20	236.40	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTITE? (CONTACT ZONE?) Same general characteristics and qualities as 196.7-207.0 metres.	E28344	225.20	226.00	0.80	0.01
			E28345	226.00	227.20	1.20	0.03
			E28346	227.20	228.10	0.90	0.28
			E28347	228.10	229.00	0.90	0.01
			E28348	229.00	230.00	1.00	0.01
			E28349	230.00	231.20	1.20	0.03
			E28351	231.20	232.50	1.30	0.01
			E28352	232.50	233.50	1.00	0.01
			E28353	233.50	234.30	0.80	0.02
			E28354	234.30	235.30	1.00	0.03
		E28355	235.30	236.40	1.10	0.03	
236.40	249.00	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 150.7-196.7 metres. Sproadic epidote veinlets noted throughout trending ~80 degrees TCA to perpendicular with direction of core that have sporadic weak vugging.	E28356	236.40	237.90	1.50	0.01
			E28357	245.40	246.90	1.50	0.02
			E28358	246.90	247.90	1.00	0.01
			E28359	247.90	249.00	1.10	0.02
249.00	249.50	IPO, FELSIC PORPHYRITIC INTRUSIVE PORPHYRITIC INTRUSIVE Black-green matrix with whitish-pink feldspathic phenocrysts throughout. Phenocrysts are sub-angular to sub-rounded, ~5-10mm in diameter and generally well matrix supported. Phenocrysts show weak alignment along foliation direction of unit. Phenocrysts have weak and sporadic wthoosh calcitic 'crust' along periemter. Folaition ~70-80 degrees TCa. Contacts are sharp and ~80 degrees tCa to perpendicular with direction of core.	E28361	249.00	249.50	0.50	0.01
249.50	288.30	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 236.4-249.0 metres. MINOR INTERVALS: Minor Interval: 259.40 - 259.80 ZHZ, SHEAR SHEAR ZONE Purple-black hematized alteration with pervasive whitish-grey qtz-carb veinlets exhibiting horsetail structures near lower contact. Pyrite is finely disseminated throughout with ~1-2%. Pyrite seems to be associated with qtz-carb horsetail veinlets/hematitic alteration. Upper/lower contacts are sharp and ~50-60 degrees tCA. Folaition ~30-50 degrees tCa. Horsetail structures trend perpendicular with foliation direction of unit.	E28362	249.50	250.30	0.80	0.04
			E28363	250.30	250.80	0.50	2.29
			E28364	250.80	252.30	1.50	0.03
			E28365	257.10	258.60	1.50	0.06
			E28366	258.60	259.40	0.80	0.06
			E28367	259.40	259.80	0.40	0.05
			E28368	259.80	260.60	0.80	2.31
			E28369	260.60	261.20	0.60	0.07
			E28371	261.20	262.70	1.50	0.01
			E28372	284.40	285.40	1.00	0.01
			E28373	285.40	286.60	1.20	0.00
			E28374	286.60	287.30	0.70	0.00
			E28375	287.30	288.30	1.00	0.01

DETAILED LOG

Hole Number: **RW17-002**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
288.30	291.50	ZHZ, SHEAR SHEAR ZONE 2 Separate qtz-carb-chl episodic shear episodes. First one at upper contact ~5=10cm in width, trends 70-80 degrees tCA and weakly vugged. Second episode from 290.2-291.5 metres, ~1-2cm in width and trends roughly sub-parallel with TCA. Sub-millimetre width chloritic slip noted within second shear veinlet and follows general sub-parallel trend. Shears ~1% finely disseminated pyrite and trace disseminated galena throughout. Foliation of surrounding unit ~60-70 degrees tCa. Unit is weakly grey-purple hematized.	E28376	288.30	288.80	0.50	0.01
			E28377	288.80	290.20	1.40	0.00
			E28378	290.20	291.00	0.80	0.01
			E28379	291.00	291.50	0.50	0.00
291.50	327.20	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC Same general qualities and characteristics as 249.5-288.3 metres.	E28381	291.50	293.00	1.50	0.00
			E28382	325.70	326.70	1.00	0.35
			E28383	326.70	327.20	0.50	0.01
327.20	329.30	IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY Same general textures and qualities as 66.1-67.1 metres. Poker-chipped and blocky appearance noted throughout. Pyrite is finely disseminated with small clusters associated with amphibole phenocrysts with ~1-2%. Galena as fine-grained sporadic veinlets with <1%. Foliation ~70-80 degrees tCA. ~5cm wide chill margins at upper/lower contacts. Contacts of these trend ~80 degrees tCA to perpendicular with direction of core at contacts with adjacent units.	E28384	327.20	328.00	0.80	0.00
			E28385	328.00	329.30	1.30	0.00
329.30	333.00	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 291.5-327.2 metres.	E28386	329.30	330.00	0.70	0.00
			E28387	330.00	331.50	1.50	0.01
			E28388	331.50	333.00	1.50	0.00

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28261	14.20	15.60	0.0140
E28262	15.60	16.70	0.0060
E28263	16.70	17.40	0.0060
E28264	17.40	18.00	0.0050
E28265	18.00	18.80	0.0025
E28266	18.80	19.80	0.0120
E28267	19.80	20.90	0.0025
E28268	20.90	21.40	0.0090
E28269	21.40	21.90	0.0060
E28271	21.90	22.40	3.2210
E28272	22.40	23.40	0.0120
E28273	23.40	24.00	0.0230
E28274	24.00	25.00	0.0100
E28275	25.00	26.00	0.0100

Hole Number: **RW17-002**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28276	26.00	27.00	0.0025
E28277	27.00	28.00	0.0070
E28278	28.00	28.80	0.0070
E28279	28.80	29.40	0.0050
E28281	29.40	30.20	0.0070
E28282	30.20	31.30	0.0100
E28283	39.80	41.30	0.0025
E28284	41.30	41.80	0.0130
E28285	41.80	42.30	0.0130
E28286	42.30	42.80	0.0060
E28287	42.80	44.30	0.0025
E28288	63.90	65.40	0.0140
E28289	65.40	66.10	0.0025
E28291	66.10	67.10	0.0470
E28292	67.10	68.00	0.0380
E28293	68.00	69.50	0.0025
E28294	123.80	125.30	0.0025
E28295	125.30	125.80	0.0080
E28296	125.80	126.30	0.6860
E28297	126.30	127.30	0.0025
E28298	127.30	128.80	0.0025
E28299	144.10	145.60	0.0090
E28301	145.60	146.10	0.0025
E28302	146.10	147.20	0.0025
E28303	147.20	147.80	0.0025
E28304	147.80	148.40	0.0025
E28305	148.40	149.40	0.0025
E28306	149.40	150.70	0.0025
E28307	150.70	152.20	0.1600
E28308	195.20	196.70	0.0025
E28309	196.70	198.00	0.0070
E28311	198.00	198.80	0.0080
E28312	198.80	200.00	0.0130
E28313	200.00	201.00	0.0070
E28314	201.00	202.50	0.0140
E28315	202.50	203.50	0.0025
E28316	203.50	204.00	0.0130
E28317	204.00	205.00	0.0310
E28318	205.00	206.00	0.0060

Hole Number: **RW17-002**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28319	206.00	207.00	0.0160
E28321	207.00	207.50	0.0540
E28322	207.50	208.90	0.0100
E28323	208.90	210.00	0.0380
E28324	210.00	210.80	0.0530
E28325	210.80	211.30	0.9300
E28326	211.30	212.70	0.4680
E28327	212.70	213.30	8.3560
E28328	213.30	214.00	3.6780
E28329	214.00	215.00	1.0450
E28331	215.00	216.00	0.2650
E28332	216.00	217.00	0.0810
E28333	217.00	218.00	0.8910
E28334	218.00	219.00	0.3270
E28335	219.00	219.90	0.2260
E28336	219.90	220.80	8.1690
E28337	220.80	222.00	2.6340
E28338	222.00	222.80	0.7330
E28339	222.80	223.30	10.1100
E28341	223.30	223.90	0.9650
E28342	223.90	224.70	0.0470
E28343	224.70	225.20	0.0640
E28344	225.20	226.00	0.0070
E28345	226.00	227.20	0.0310
E28346	227.20	228.10	0.2840
E28347	228.10	229.00	0.0130
E28348	229.00	230.00	0.0090
E28349	230.00	231.20	0.0340
E28351	231.20	232.50	0.0110
E28352	232.50	233.50	0.0060
E28353	233.50	234.30	0.0170
E28354	234.30	235.30	0.0260
E28355	235.30	236.40	0.0250
E28356	236.40	237.90	0.0070
E28357	245.40	246.90	0.0160
E28358	246.90	247.90	0.0080
E28359	247.90	249.00	0.0220
E28361	249.00	249.50	0.0080
E28362	249.50	250.30	0.0430

Hole Number: **RW17-002**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28363	250.30	250.80	2.2920
E28364	250.80	252.30	0.0340
E28365	257.10	258.60	0.0640
E28366	258.60	259.40	0.0610
E28367	259.40	259.80	0.0510
E28368	259.80	260.60	2.3120
E28369	260.60	261.20	0.0720
E28371	261.20	262.70	0.0060
E28372	284.40	285.40	0.0060
E28373	285.40	286.60	0.0025
E28374	286.60	287.30	0.0025
E28375	287.30	288.30	0.0050
E28376	288.30	288.80	0.0110
E28377	288.80	290.20	0.0025
E28378	290.20	291.00	0.0060
E28379	291.00	291.50	0.0025
E28381	291.50	293.00	0.0025
E28382	325.70	326.70	0.3460
E28383	326.70	327.20	0.0140
E28384	327.20	328.00	0.0025
E28385	328.00	329.30	0.0025
E28386	329.30	330.00	0.0025
E28387	330.00	331.50	0.0140
E28388	331.50	333.00	0.0025

DETAILED LOG



Hole Number: **RW17-003**

Units: METRIC

Project Name: Harker Township	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -55.00
Project Number: HARKER_TWP	North: 5370242.00	North:	Collar Az: 339.00
Location: Harker Township	East: 590282.00	East:	Length: 426.00
	Elev: 332.00	Elev:	Start Depth: 0.00
Date Started: Oct 21, 2017	Collar Survey: N	Plugged: N	Contractor: Asinii
Date Completed: Oct 25, 2017	Multishot Survey: N	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 426.00

Comments: Approximately 6m of casing

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	340.10	-52.00	Bruntor	OK	Assumed from first test	15.00	340.10	-52.00	EZ Sho	OK	-11.1 declination subtracted
66.00	347.90	-51.90	EZ Sho	DO	Anomalous AZ; high mag	117.00	342.40	-52.00	EZ Sho	OK	-11.1 declination subtracted
168.00	347.90	-52.30	EZ Sho	DO	Anomalous AZ; low mag	219.00	342.60	-52.60	EZ Sho	OK	-11.1 declination subtracted
273.00	346.30	-52.90	EZ Sho	OK	-11.1 declination subtracted	324.00	348.40	-53.00	EZ Sho	OK	-11.1 declination subtracted
375.00	350.50	-52.30	EZ Sho	OK	-11.1 declination subtracted	426.00	349.50	-52.10	EZ Sho	OK	-11.1 declination subtracted

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
0.00	7.00	HPO, OVERBURDEN OVERBURDEN Approx. 6m of casing.					
7.00	14.30	ZHZ, SHEAR SHEAR ZONE Grey-green with patches of hematized/silicified grey-purple alteration. Qtz-carb veinlets have stockworked and weakly crenulated appearance throughout. Pyrite and CPY are finely disseminated with blebbed/clustered 'veinlets' throughout with ~2-3%. Foliation ~70-80 degrees tCA> Sulphides are typically clustered along edges/associated with qtz-carb veining.	E28389	7.00	8.00	1.00	0.03
			E28391	8.00	9.00	1.00	0.01
			E28392	9.00	9.60	0.60	0.17
			E28393	9.60	10.40	0.80	0.01
			E28394	10.40	11.40	1.00	0.01
			E28395	11.40	12.00	0.60	0.01
			E28396	12.00	12.90	0.90	0.03
			E28397	12.90	13.50	0.60	0.01
			E28398	13.50	14.30	0.80	0.01
14.30	82.90	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black with whitish-grey qtz-carb veinlets and sporadic epidote veinlets throughout. Veinlets are weakly stockworked throughout. Pyrite and CPY are finely disseminated with sporadic thin veinlets throughout with ~<1%. Trace Galena/ASPY? specks associated with sporadic qtz-carb veinlets. Foliation ~80 degrees TCA to perpendicular with direction of core.	E28399	14.30	15.70	1.40	0.01
			E28401	15.70	17.20	1.50	0.00
			E28402	80.70	82.10	1.40	0.00
			E28403	82.10	82.90	0.80	0.00

DETAILED LOG

Hole Number: **RW17-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
82.90	84.80	ZHZ, SHEAR SHEAR ZONE Same general qualities and tetures as 7-14.3 metres. Clustered and disseminated CPY/PY throughout with ~1-2%. No Galena/ASPY observed.	E28404	82.90	84.00	1.10	0.03
			E28405	84.00	84.80	0.80	0.01
84.80	105.40	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 14.3-82.9 metres, tr-1% calcite fracture fills defining weak foliation 45-60 DTCA, tr patchy euhedral and blebby py associated with some fracture fills, lower 4cm cream coloured and granular chill margin with next intrusive, lower contact sharp 70 DTCA	E28406	84.80	86.30	1.50	0.03
			E28407	104.00	104.80	0.80	0.03
			E28408	104.80	105.40	0.60	0.00
105.40	107.00	IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY Light pink feldspar/syenite with pervasive black amphibole/micaceous specks/phenocrysts and white-grey qtz-crb veinlets throughout. ~5cm grey-green silicified chloritic chill margins at upper/lower contacts. weakly stockworked appearance from Qtz-carb veinlets. Sulphides are finely disseminated with isolated small, fine-grained clusters associated with amphibole/micaceous mineralization with ~1-2% throughout. Galena as fine-grained thin veinlets throughout with ~<1%. Foliation ~70-80 DTCA, lower 10cm comprised of chunky fragments <2cm with minor gouge and 30% veining, lower contact sharp 55 DTCA	E28409	105.40	106.50	1.10	0.01
			E28411	106.50	107.00	0.50	0.02
107.00	145.40	VMM, MAFIC VOLCANIC MASSIVE massive mafic volcanic - continuation of unit before last intrusive interval, 111.2-113.9 and 118-118.8 sparse vuggy qtz/cal fracture fills up to 10mm wide defining foliation 70-80 DTCA (patchy blebby seams associated with some fractures), otherwise blebby sparse py seams throughout, tr-1% calcite fracture fills, variable silicification giving an alternating granular and apheritic/vitreous appearance, lower contact sharp but irregular 30 DTCA	E28412	107.00	107.60	0.60	0.01
			E28413	107.60	108.30	0.70	0.00
			E28414	111.00	111.50	0.50	0.01
			E28415	111.50	112.20	0.70	0.01
			E28416	112.20	112.70	0.50	0.00
			E28417	112.70	114.00	1.30	0.01
			E28418	114.00	115.00	1.00	0.00
			E28419	115.00	116.00	1.00	0.00
			E28421	116.00	117.00	1.00	0.00
			E28422	117.00	118.00	1.00	0.00
			E28423	118.00	119.00	1.00	0.41
			E28424	119.00	119.50	0.50	0.00
			E28425	119.50	120.00	0.50	0.02
			E28426	120.00	120.50	0.50	0.01
			E28427	120.50	121.50	1.00	0.00
		E28428	144.80	145.40	0.60	0.00	

DETAILED LOG

Hole Number: **RW17-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
145.40	162.30	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE hyaloclastic pillowed mafic volcanic - greyish green to locally buff, weakly to locally moderately magnetic and non-reactive groundmass, pseudobreccia appearance throughout most of the unit due to pervasive random ankerite microfractures, 148.5-149 weak mafic breccia with py & cpy, sparse blebby py seams throughout, lower contact sharp 50 DTCA</p> <p>MINOR INTERVALS: Minor Interval: 148.50 - 149.00 VMX, MAFIC BRECCIA weak mafic breccia - 5% qtz/ankerite fracture fills/flooding in a weakly hematized groundmass, tr-5% py seams (associated with veining), tr-5% chalcopy. associated more with flooding</p>	E28429	145.40	145.90	0.50	0.00
			E28431	145.90	147.00	1.10	0.00
			E28432	147.00	148.00	1.00	0.58
			E28433	148.00	148.50	0.50	0.01
			E28434	148.50	149.00	0.50	0.97
			E28435	149.00	149.60	0.60	0.30
			E28436	149.60	150.60	1.00	0.00
			E28437	161.30	162.30	1.00	0.01
162.30	171.00	<p>VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC - similar to previous VMM major unit, tr qtz/ank flooding with blebby py, lower contact sharp 70 DTCA based on alteration</p>	E28438	162.30	163.30	1.00	0.01
			E28439	170.00	170.50	0.50	0.01
			E28441	170.50	171.00	0.50	0.01
171.00	171.90	<p>VMV, MAFIC VOLCANIC VARIOLITIC VARIOLITIC MAFIC VOLCANIC - basic unit similar to previous/following major intervals, weakly to moderately variolitic with a hematized weak mafic breccia from 171-171.3 (incl. locally tr-10% cg blebby py seams), lower contact sharp 235 DTCA following wispy epidote fracture fills sub-parallel to LC</p>	E28442	171.00	171.90	0.90	0.01
171.90	187.50	<p>VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC - similar to previous VMM units - slight decrease in frequency and intensity of py seams, weakly hematitic, sparse patchy VMH intervals (e.g. 180.1-180.5), lower contact gradational ~50 DTCA</p>	E28443	171.90	172.40	0.50	0.05
			E28444	172.40	173.40	1.00	0.00
			E28445	186.50	187.00	0.50	0.00
			E28446	187.00	187.50	0.50	0.00
187.50	196.50	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTIC MAFIC VOLCANIC - green colour, non-reactive and non-magnetic groundmass, weakly to moderately hyaloclastic, patchy irregular qtz/cal fracture fills/flooding up to 25mm across, tr euhedral py overall (except 7% in upper 20cm of unit), lower contact gradational at unknown angle</p>	E28447	187.50	188.00	0.50	0.00
			E28448	188.00	188.60	0.60	0.01
			E28449	188.60	189.30	0.70	0.00
196.50	205.90	<p>VMV, MAFIC VOLCANIC VARIOLITIC VARIOLITIC MAFIC VOLCANIC - green with sparse buff areas, weakly variolitic overall but flow textures still visible, moderately magnetic and non-reactive groundmass, tr qtz/cal fracture fills defining foliation 60-70 DTCA with tr veinlets up to 15mm, tr blebby py seams, lower contact gradational</p>					
205.90	218.40	<p>VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANIC - similar to previous mafic volcanic majors, massive and homogeneous with sparse qtz/cal fracture fills and tr varioles, tr-3% cg blebby seams associated with larger fracture fills/flooded areas, LC is relatively sharp along textural and alteration change at 90 degrees.</p>	E28451	217.50	218.40	0.90	0.00

DETAILED LOG

Hole Number: **RW17-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
218.40	230.50	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark green with whitish hue within grains, "gabbroic" texture, white grains appear to be silicification with epidote and black phenocrysts. flow structures present trending 60 to 70 degrees TCA with sporadic qtz/calcite veins trending 60 to 70 degrees perpendicular to flow structures, sulphides (pyrite) pocketed and blebby around qtz/calcite veinlets at 1-3%, with patchy finely disseminated sulphides occurring within ground mass trace-1%. Gradual LC as texture changes to more massive From 218.4 to 219.2m Clustered qtz/calcite veinlets with vuggy texture, purplish red hue from hematite alteration. Sulphides clustered along fracture surfaces.	E28452	218.40	219.00	0.60	0.00
			E28453	219.00	219.50	0.50	0.00
230.50	261.00	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black with whitish-grey qtz-carb veinlets and sporadic epidote veinlets throughout. magnetic, aphanitic, veinlets are weakly stockworked throughout. Pyrite and CPY are finely disseminated within sporadic thin veinlets throughout with ~<1% also trace veinlets infilled with pyrite, foliation ~80 degrees TCA to perpendicular with direction of core. Small zones VMH from 261.4 to 262m, Sporadic pillow structures through with sulphides at 1-2%, primarily epidote. LC is gradual and assumed to be 90 degrees TCA Pocketed zones of qtz/calcite vein clusters with sulphides at 2-3%, weak hematization and bleaching halos (244.2 to 244.5 and 245.2 to 246)	E28454	243.40	243.90	0.50	0.06
			E28455	243.90	244.40	0.50	0.00
			E28456	244.40	244.90	0.50	0.01
			E28457	244.90	245.60	0.70	0.01
			E28458	245.60	246.10	0.50	0.02
261.00	274.90	VMM, MAFIC VOLCANIC MASSIVE Massive Mafic Volcanics green to dark green colour, magnetic groundmass, weakly hyaloclastic, moderately stockworked, qtz/cal fracture fills/flooding up to 5mm across, lower contact gradational at unknown angle, silicification aphanitic/vitreous appearance, Blebby sulphides and along fracture fills at trace to 1% From 271.5 to 271.8m Clustered qtz veins trending 80 to 90 degrees, weakly hematitic, clustered sulphides	E28459	271.10	271.80	0.70	0.27
274.90	297.00	VMV, MAFIC VOLCANIC VARIOLITIC VARIOLITIC MAFIC VOLCANIC - green with sparse buff areas, weakly variolitic overall but increasing with depth, flow textures pocketed but pervasive, moderately magnetic groundmass, tr qtz/cal fracture fills defining foliation 60-70 DTCA, moderate blebby py seams increasing with depth from trace to 2% starting at 288m till end of unit, oneseam being 4cm width, with sulphides at 3% infilled varioles, from lower contact gradational	E28461	287.00	287.50	0.50	0.00
			E28462	287.50	288.00	0.50	0.01
			E28463	288.00	288.90	0.90	0.00
			E28464	288.90	289.50	0.60	0.01
			E28465	289.50	290.00	0.50	0.00
			E28466	290.00	290.50	0.50	0.00
			E28467	290.50	291.10	0.60	0.01
			E28468	291.10	291.80	0.70	0.00
			E28469	291.80	292.80	1.00	0.01
			E28471	292.80	293.30	0.50	0.01
			E28472	293.30	294.00	0.70	0.00
			E28473	294.00	294.70	0.70	0.00
			E28474	294.70	295.20	0.50	0.00
		E28475	295.50	297.00	0.50	0.00	

DETAILED LOG

Hole Number: **RW17-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
297.00	299.90	VMX, MAFIC BRECCIA Mafic Breccia Dark green to black clasts with greenish white matrix, clast supported, clasts range in size from 4mm to 7cm, overall sulphides at trace to 1%, matrix is silica and epidote, clear whitish qtz vein running irregularly at 30 to 40 degrees with sporadic trace qtz/calcite veinlets running 50 to 60 degrees, pocketed VMM similar to previous units where brecciation lacks	E28476	297.00	297.70	0.70	0.00
			E28477	297.70	298.40	0.70	0.00
			E28478	298.40	299.40	1.00	0.00
			E28479	299.40	299.90	0.50	0.00
299.90	307.90	VMV, MAFIC VOLCANIC VARIOLITIC VARIOLITIC MAFIC VOLCANIC - green with sparse buff areas, variolitic overall but pockted hyaloclastic textures,, moderately magnetic groundmass, tr qtz/cal fracture fills 60-70 DTCA, moderate blebby py seams increasing with depth from trace to 2%, with sulphides at trace to 1% infilled varioles, from lower contact sharp at 90 degrees.	E28481	299.90	300.50	0.60	0.01
			E28482	306.90	307.40	0.50	0.01
			E28483	307.40	307.90	0.50	0.00
307.90	310.30	IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY Light pink feldspar/syenite with pervasive black amphibole/micaceous specks/phenocrysts and white-grey qtz-crnb veinlets throughout. ~5cm grey-green silicified chloritic chill margins at upper/lower contacts. weakly stockworked appearance from Qtz-carb veinlets. Sulphides are finely disseminated with isolated small, fine-grained clusters associated with amphibole/micaceous mineralization with ~1-2% throughout. Foliation ~70-80 DTCA, Last 20 cm becoming darker greenish grey, lower contact sharp 80-90 DTCA	E28484	307.90	308.50	0.60	0.00
			E28485	308.50	309.20	0.70	0.01
			E28486	309.20	310.30	1.10	0.01
310.30	318.70	VMM, MAFIC VOLCANIC MASSIVE Massive mafic volcanic - Dark green, Sparse qtz/cal fracture fills up to 10mm wide defining foliation 70-80 DTCA (patchy blebby sulphide seams associated with some fractures (trace to 1%), otherwise blebby sparse py seams throughout, variable alternating granular and apheritic/vitreous appearance, lower contact sharp but irregular 30 DTCA	E28487	310.30	310.80	0.50	0.02
			E28488	310.80	311.30	0.50	0.00
318.70	324.30	VMH, MAFIC VOLCANIC HYALOCLASTITE Hyaloclastic pillowed mafic volcanic - greyish green to locally buff, weakly to locally moderately magnetic and non-reactive groundmass, pseudobreccia appearance throughout most of the unit due to patchy random ankerite microfracture, patchy fine py seams throughout at trace to 1%, weakly hematized, pocketed patch breccia zones (flow breccias) concentrated within millow salvages at 1-2%, lower contact sharp 50 DTCA From 320.2m to 320.5 Similar textures and qualities as 307.9 to 310.3, Blocky and broken, sharp contacts at 90 degrees TCA MINOR INTERVALS: Minor Interval: 320.20 - 320.50 IPF, FELDSPAR PORPHYRY Similar textures and qualities as 307.9 to 310.3 Blocky and broken, sharp contacts at 90 degrees TCA	E28489	323.80	324.30	0.50	0.00

DETAILED LOG

Hole Number: **RW17-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
324.30	325.00	AHM, HEMATITE ALTERED ROCK Hematite altered Mafic Volcanic, Green with reddish purple/grey hue, strongly magnetic, calcitic matrix, pervasive calcite veinlets ~3mm running 70 to 80 degrees, sporadic qtz/calcite veinlets running 70 to 80 degrees, LC is relatively sharp where calcitic matrix dies out, sulphides finely disseminated blebby at 1-2%	E28491	324.30	325.00	0.70	0.12
325.00	334.10	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic volcanics - Dark green to patchy green, aphanitic, magnetic, pervasive calcite fracture fills up to 3mm wide defining foliation 70-80 DTCA becoming more stockworked moving down the unit (patchy blebby sulphide seams associated with some fractures (trace to 1%), trace sporadic milky white qtz veinlets ranging in size from 1cm to 7cm, otherwise blebby sparse py seams throughout, pocketed flow breccia along sporadic pillow salvages and varioles, patchy weak hematite alteration, lower contact sharp at ~90 DTCA	E28492	325.00	325.60	0.60	0.01
334.10	336.00	VMH, MAFIC VOLCANIC HYALOCLASTITE Hyaloclastic pillowed mafic volcanic - greyish green to locally buff, weakly to locally moderately magnetic and non-reactive groundmass, pseudobreccia appearance throughout most of the unit due to patchy random ankerite/calcite stockworked microfractures, patchy fine py seams throughout at trace to 1%, weakly hematized, lower contact sharp 90 DTCA with alteration change	E28493	334.10	335.10	1.00	0.00
			E28494	335.10	336.00	0.90	0.01
336.00	336.80	AHM, HEMATITE ALTERED ROCK Hematized Hyaloclastic pillowed mafic volcanic -, Green with reddish purple/grey hue, strongly magnetic, calcitic matrix, pervasive calcite veinlets ~3mm running 70 to 80 degrees, pseudobreccia appearance throughout most of the unit, to pervasive ankerite/calcite stockworked microfractures, sulphides at 2-3% finely disseminated with blobby patches in between clasts, LC is relative but hematization dying out	E28495	336.00	336.80	0.80	0.14
336.80	344.70	VMH, MAFIC VOLCANIC HYALOCLASTITE Similar textures and qualities as 334.1m to 336.0 Sporadic milky whites qtz veins running 60 to 70 degrees with irregular contacts, sulphides increasing from 1-2 % to more blebby and localized with in the stockworking and pseudobreccia at 2-3%,	E28496	336.80	337.80	1.00	0.03
			E28497	337.80	338.60	0.80	0.01
			E28498	338.60	339.60	1.00	0.01
			E28499	339.60	340.10	0.50	0.01
			E28501	340.10	340.80	0.70	0.02
			E28502	340.80	341.50	0.70	0.02
			E28503	341.50	342.00	0.50	0.00
			E28504	342.00	342.80	0.80	0.18
			E28505	342.80	343.50	0.70	0.08
			E28506	343.50	344.20	0.70	0.50
			E28507	344.20	344.70	0.50	4.01

DETAILED LOG

Hole Number: **RW17-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
344.70	346.69	VMX, MAFIC BRECCIA Hematized Mafic breccia Greenish grey grading to reddish/purple grey, heavily stockworked grey veinlets and calcite, relic clasts visible but heavily altered and stockworked, calcitic, magnetic, matrix supported, localized zones of finely disseminated sulphides at 3-4%, with blebby lens of pyrite and chalco ,sporadic but rhythmic pinkish white qtz veinlets trending 70 to 80 degrees, foliation at 70 to 80 degrees. LC gradational where brecciation dyes down and hematization grades out over 30cm EROCK - 4 Specks VG noted within qtz veining at 345.8, 346.4, 346.6 and 346.65 metres respectively which would explain the 20+g/t assay encountered.	E28508	344.70	345.20	0.50	12.86
			E28509	345.20	345.80	0.60	0.59
			E28511	345.80	346.30	0.50	2.16
			E28512	346.30	346.80	0.50	22.46
346.69	346.70	ZGO, GOUGE RUNWAY-ROCK FAULT 0.5cm wide grey mud fault gouge trending ~80 degrees tCA noted.					
346.70	353.30	VMX, MAFIC BRECCIA Hematized Mafic breccia Greenish grey grading to reddish/purple grey, heavily stockworked grey veinlets and calcite, relic clasts visible but heavily altered and stockworked, calcitic, magnetic, matrix supported, localized zones of finely disseminated sulphides at 3-4%, with blebby lens of pyrite and chalco ,sporadic but rhythmic pinkish white qtz veinlets trending 70 to 80 degrees, foliation at 70 to 80 degrees. LC gradational where brecciation dyes down and hematization grades out over 30cm From 346.69 to 346.7m Fault gouge (Runway Fault) trending at 80 to 90 degrees	E28513	346.80	347.30	0.50	0.29
			E28514	347.30	348.00	0.70	0.34
			E28515	348.00	348.50	0.50	0.07
			E28516	348.50	349.10	0.60	0.25
			E28517	349.10	349.60	0.50	0.17
			E28518	349.60	350.10	0.50	0.25
			E28519	350.10	351.00	0.90	0.05
			E28521	351.00	351.50	0.50	0.00
			E28522	351.50	352.30	0.80	0.05
			E28523	352.30	352.80	0.50	0.05
		E28524	352.80	353.30	0.50	0.04	
353.30	362.10	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black with whitish-grey calcite and qtz veinlets. magnetic, aphanitic, Veinlets are weakly stockworked throughout. Veinlets are pervasive trending at 60 to 70 degrees , Pyrite and CPY are finely disseminated and blebby throughout with ~ trace veinlets infilled with pyrite, feldspar phenocrysts peppered throughout ,Foliation ~80 degrees TCA to perpendicular with direction of core. Patchy hematization, Small zones pocketed zones with hyaloclastic texture, LC is sharp and undulating at and 50 to 60 degrees TCA	E28525	353.30	354.00	0.70	0.02
			E28526	354.00	355.00	1.00	0.17
362.10	369.40	VMH, MAFIC VOLCANIC HYALOCLASTITE Hyaloclastic pillowed mafic volcanic - greyish green to with patches with reddish hue, moderately magnetic and non-reactive groundmass, pseudobreccia appearance throughout most of the unit due to patchy random ankerite microfracture, patchy fine py seams throughout at trace to 1%, with localized blebby pyrite, trace calcite veinlets running 80 to 70 degrees, with some vuggy texture patchy strong hematization, sporadic pillow salvages, lower contact sharp 70 to 80 DTCA, From 368.4 to 368.8m Mafic breccia, UC is 30 to 40 degrees, clast supported, clasts are mafic, hematized, matrix is calcite, sulphides finely disseminated at 3-4%,	E28527	364.30	365.00	0.70	0.01
			E28528	365.00	366.00	1.00	0.00
			E28529	366.00	367.00	1.00	0.03
			E28531	367.00	367.90	0.90	0.07
			E28532	367.90	368.40	0.50	0.07
			E28533	368.40	368.90	0.50	0.19
			E28534	368.90	369.40	0.50	0.15

Hole Number: **RW17-003**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
369.40	384.00	VMM, MAFIC VOLCANIC MASSIVE Similar textures and qualities as 353.3 to 362.1m Hematization is no longer there, sulphides are trace to 1% and finely disseminated. LC is sharp	E28535	369.40	370.20	0.80	0.03
384.00	406.10	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark green with light green hue within grains, "gabbroic" texture, epidote background and black phenocrysts. sporadic patch epidote veinlets running parallel TCA, flow structures present trending 60 to 70 degrees TCA with sporadic qtz/calcite veins with sulphides at 1-2% in halo trending 60 to 70 degrees perpendicular to flow structures, with patchy finely disseminated sulphides occurring within ground mass trace-1%. Sharp LC at ~80 degrees					
406.10	406.60	ZFO, FAULT Similar textures and qualities as 384 to 406.1m Breaks appeared to be jagged nearly perpendicular tCA,					
406.60	417.20	VMO, MAFIC VOLCANIC UNDIVIDED Similar textures and qualities as 384.0m to 406.1m Sparse Pocketed slightly sheared zones with foliation at 40 to 50 degrees TCA, LC is gradual as granular texture,	E28536	416.70	417.20	0.50	0.01
417.20	426.00	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black with whitish-grey calcite and qtz veinlets. magnetic, aphanitic, Veinlets are pervasive trending at 60 to 70 degrees sporadic but pervasive throughout becoming thicker (max size 2cm) pinkish white, Pyrite and CPY are finely disseminated trace to 1%, From 417.9 to 418.4m greenish white purple Shear zone with foliation at 50 to 60 degrees, calcite veinlets at 7-10% trending along foliations, slightly hematized, trace to 1% sulphides. MINOR INTERVALS: Minor Interval: 417.90 - 418.40 ZHZ, SHEAR greenish white purple Shear zone with foliation at 50 to 60 degrees, calcite veinlets at 7-10% trending along foliations, slightly hematized, trace to 1% sulphides.	E28537	417.20	417.90	0.70	0.02
			E28538	417.90	418.40	0.50	0.02
			E28539	418.40	418.90	0.50	0.01

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28389	7.00	8.00	0.0290
E28391	8.00	9.00	0.0070
E28392	9.00	9.60	0.1720
E28393	9.60	10.40	0.0090
E28394	10.40	11.40	0.0060
E28395	11.40	12.00	0.0060

Hole Number: **RW17-003**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28396	12.00	12.90	0.0300
E28397	12.90	13.50	0.0110
E28398	13.50	14.30	0.0070
E28399	14.30	15.70	0.0090
E28401	15.70	17.20	0.0025
E28402	80.70	82.10	0.0025
E28403	82.10	82.90	0.0025
E28404	82.90	84.00	0.0280
E28405	84.00	84.80	0.0090
E28406	84.80	86.30	0.0250
E28407	104.00	104.80	0.0260
E28408	104.80	105.40	0.0025
E28409	105.40	106.50	0.0070
E28411	106.50	107.00	0.0180
E28412	107.00	107.60	0.0050
E28413	107.60	108.30	0.0025
E28414	111.00	111.50	0.0050
E28415	111.50	112.20	0.0090
E28416	112.20	112.70	0.0025
E28417	112.70	114.00	0.0130
E28418	114.00	115.00	0.0025
E28419	115.00	116.00	0.0025
E28421	116.00	117.00	0.0025
E28422	117.00	118.00	0.0025
E28423	118.00	119.00	0.4130
E28424	119.00	119.50	0.0025
E28425	119.50	120.00	0.0190
E28426	120.00	120.50	0.0060
E28427	120.50	121.50	0.0025
E28428	144.80	145.40	0.0025
E28429	145.40	145.90	0.0025
E28431	145.90	147.00	0.0025
E28432	147.00	148.00	0.5750
E28433	148.00	148.50	0.0110
E28434	148.50	149.00	0.9700
E28435	149.00	149.60	0.3040
E28436	149.60	150.60	0.0025
E28437	161.30	162.30	0.0060
E28438	162.30	163.30	0.0100

Hole Number: **RW17-003**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28439	170.00	170.50	0.0140
E28441	170.50	171.00	0.0080
E28442	171.00	171.90	0.0080
E28443	171.90	172.40	0.0500
E28444	172.40	173.40	0.0025
E28445	186.50	187.00	0.0025
E28446	187.00	187.50	0.0025
E28447	187.50	188.00	0.0025
E28448	188.00	188.60	0.0110
E28449	188.60	189.30	0.0025
E28451	217.50	218.40	0.0025
E28452	218.40	219.00	0.0025
E28453	219.00	219.50	0.0025
E28454	243.40	243.90	0.0640
E28455	243.90	244.40	0.0025
E28456	244.40	244.90	0.0070
E28457	244.90	245.60	0.0100
E28458	245.60	246.10	0.0220
E28459	271.10	271.80	0.2710
E28461	287.00	287.50	0.0025
E28462	287.50	288.00	0.0080
E28463	288.00	288.90	0.0025
E28464	288.90	289.50	0.0060
E28465	289.50	290.00	0.0025
E28466	290.00	290.50	0.0025
E28467	290.50	291.10	0.0060
E28468	291.10	291.80	0.0025
E28469	291.80	292.80	0.0130
E28471	292.80	293.30	0.0050
E28472	293.30	294.00	0.0025
E28473	294.00	294.70	0.0025
E28474	294.70	295.20	0.0025
E28475	296.50	297.00	0.0025
E28476	297.00	297.70	0.0025
E28477	297.70	298.40	0.0025
E28478	298.40	299.40	0.0025
E28479	299.40	299.90	0.0025
E28481	299.90	300.50	0.0060
E28482	306.90	307.40	0.0110

Hole Number: **RW17-003**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28483	307.40	307.90	0.0025
E28484	307.90	308.50	0.0025
E28485	308.50	309.20	0.0060
E28486	309.20	310.30	0.0050
E28487	310.30	310.80	0.0150
E28488	310.80	311.30	0.0025
E28489	323.80	324.30	0.0025
E28491	324.30	325.00	0.1220
E28492	325.00	325.60	0.0050
E28493	334.10	335.10	0.0025
E28494	335.10	336.00	0.0090
E28495	336.00	336.80	0.1410
E28496	336.80	337.80	0.0330
E28497	337.80	338.60	0.0090
E28498	338.60	339.60	0.0080
E28499	339.60	340.10	0.0050
E28501	340.10	340.80	0.0190
E28502	340.80	341.50	0.0150
E28503	341.50	342.00	0.0025
E28504	342.00	342.80	0.1810
E28505	342.80	343.50	0.0760
E28506	343.50	344.20	0.5020
E28507	344.20	344.70	4.0100
E28508	344.70	345.20	12.8600
E28509	345.20	345.80	0.5920
E28511	345.80	346.30	2.1630
E28512	346.30	346.80	22.4600
E28513	346.80	347.30	0.2930
E28514	347.30	348.00	0.3360
E28515	348.00	348.50	0.0690
E28516	348.50	349.10	0.2460
E28517	349.10	349.60	0.1680
E28518	349.60	350.10	0.2510
E28519	350.10	351.00	0.0450
E28521	351.00	351.50	0.0025
E28522	351.50	352.30	0.0520
E28523	352.30	352.80	0.0460
E28524	352.80	353.30	0.0370
E28525	353.30	354.00	0.0190

Hole Number: **RW17-003**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28526	354.00	355.00	0.1710
E28527	364.30	365.00	0.0050
E28528	365.00	366.00	0.0025
E28529	366.00	367.00	0.0250
E28531	367.00	367.90	0.0700
E28532	367.90	368.40	0.0700
E28533	368.40	368.90	0.1890
E28534	368.90	369.40	0.1450
E28535	369.40	370.20	0.0270
E28536	416.70	417.20	0.0050
E28537	417.20	417.90	0.0180
E28538	417.90	418.40	0.0190
E28539	418.40	418.90	0.0100

DETAILED LOG



Hole Number: **RW17-004**

Units: METRIC

Project Name: Harker Township	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -48.00
Project Number: HARKER_TWP	North: 5370242.00	North:	Collar Az: 339.00
Location: Harker Township	East: 590282.00	East:	Length: 366.00
	Elev: 332.00	Elev:	Start Depth: 0.00
Date Started: Oct 25, 2017	Collar Survey: N	Plugged: N	Contractor: Asinii
Date Completed: Oct 29, 2017	Multishot Survey: N	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 366.00

Comments: Approx 9m of of casing

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	340.30	-46.20	Bruntor	OK	Assumed from first test	18.00	340.30	-46.20	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 6m
69.00	344.50	-46.40	EZ Sho	OK	same as above	120.00	337.30	-46.50	EZ Sho	OK	same as above
171.00	342.70	-47.00	EZ Sho	OK	same as above	222.00	342.80	-46.80	EZ Sho	OK	same as above
273.00	352.90	-46.00	EZ Sho	OK	same as above	324.00	355.40	-45.20	EZ Sho	OK	same as above
366.00	342.30	-45.40	EZ Sho	DO	Anomalous AZ; low mag						

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
0.00	9.50	HPO, OVERBURDEN					
9.50	12.00	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark Green, aphanitic, moderately magnetic , whitish grey hairline to 5mm calcite veinlets moderately stockworked, patchy calcification within, Sulphides disseminated throughout trace, concentrated around veins at ~1%, LC is gradual with stockworking and shearing increasing.	E28541	11.00	11.50	0.50	0.00
			E28542	11.50	12.00	0.50	0.00
12.00	14.30	ZHZ, SHEAR Sheared Altered Variolitic Mafics Grey-green with patches of hematized/silicified grey-purple alteration. Qtz-carb veinlets have stockworked and weakly crenulated appearance throughout. Pyrite and CPY are finely disseminated with blebbed/clustered 'veinlets' throughout with ~2-3%. Foliation ~70-80 degrees tCA>, relic varioles sheared at 70 to 80 degrees, Sulphides are typically clustered along edges/associated with qtz-carb veining.	E28543	12.00	12.50	0.50	0.03
			E28544	12.50	13.00	0.50	0.00
			E28545	13.00	13.50	0.50	0.01
			E28546	13.50	14.30	0.80	0.02

DETAILED LOG

Hole Number: **RW17-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
14.30	85.30	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black, aphanitic, magnetic, with whitish-grey Qtz-carb veinlets and sporadic epidote veinlets throughout. Trace sporadic veinlets are weakly stockworked throughout. Sporadic Qtz veinlets ranging in size from 3cm to 7cm phasing out by 69.7m. Pyrite and CPY are finely disseminated with sporadic thin veinlets throughout with ~<1%. Trace Galena/Aspy? specks associated with sporadic Qtz-carb veinlets. Foliation ~80 degrees TCA to perpendicular with direction of core. LC is relative with shearing increasing at 70 to 80 degrees.	E28547	14.30	15.00	0.70	0.00
			E28548	15.00	15.50	0.50	0.00
			E28549	15.50	16.00	0.50	0.00
			E28551	84.30	84.80	0.50	0.02
			E28552	84.80	85.30	0.50	0.00
85.30	86.60	ZHZ, SHEAR Similar textures and qualities as 12.00 to 14.3m LC is gradual as silicification/hematization die out	E28553	85.30	85.80	0.50	0.04
			E28554	85.80	86.60	0.80	0.02
86.60	107.80	VMM, MAFIC VOLCANIC MASSIVE Similar textures and qualities as 14.3 to 85.3m tr-1% calcite fracture fills defining weak at 40 to 60 degrees TCa, tr patchy euhedral and blebby py associated with some fracture fills, lower contact sharp 80 DTCA, patchy but pervasive granular textures, with epidote green hue,	E28555	86.60	87.10	0.50	0.00
			E28556	87.10	87.60	0.50	0.00
			E28557	106.80	107.30	0.50	0.00
			E28558	107.30	107.80	0.50	0.00
107.80	109.30	IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY Light pink with greenish grey tinge feldspar/syenite with pervasive black amphibole/micaceous specks/phenocrysts and white-grey Qtz-carb veinlets throughout. ~5cm grey-green silicified chloritic chill margins at upper/lower contacts. weakly stockworked appearance from Qtz-carb veinlets. Sulphides are finely disseminated with isolated small, fine-grained clusters associated with amphibole/micaceous mineralization with trace to 1% throughout. Foliation ~70-80 DTCA, lower 10cm comprised of chunky fragments and 10% veining, lower contact sharp ~80 DTCA	E28559	107.80	108.30	0.50	0.01
			E28561	108.30	108.80	0.50	0.00
			E28562	108.80	109.30	0.50	0.00
109.30	134.50	VMM, MAFIC VOLCANIC MASSIVE Similar textures and qualities as 14.30 to 85.30. More Leucoxene more prominent throughout, along with more pervasive granular texture, sporadic Qtz/car veinlets trending at 70 to 80 degrees TCA along with hairline calcite and epidote veinlets, sulphides pocketed with euhedral medium grained and finely disseminated at 1-2% but trace to 1% overall, LC is Sharp at 90 degrees TCA.	E28563	109.30	109.80	0.50	0.00
			E28564	109.80	110.30	0.50	0.01
134.50	151.20	VMH, MAFIC VOLCANIC HYALOCLASTITE Hyaloclastic Pillowed Mafics Volcanic Greyish green to locally buff, glassy appearance (silicified), weakly to locally moderately magnetic and non-reactive groundmass, pseudobreccia appearance throughout most of the unit due to pervasive random ankerite microfractures, clasts have small halos white silica halos within, patchy trace relic variolitic texture, predominantly chlorite alteration with patchy hematite, sparse blebby py seams throughout, lower contact sharp 50 DTCA, pocketed foliation at 70 to 80 degrees. LC is Sharp along					

DETAILED LOG

Hole Number: **RW17-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
151.20	156.70	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black, aphanitic, magnetic, with whitish-grey qtz-carb veinlets and poradic veinlets with clustered pyrite throughout veinlets trending 50 to 60 degrees. weak patchy hematization. Sulphide blebs throughout with ~<1%. Foliation ~50 to 60 degrees TCA to perpendicular with direction of core. LC is relative with shearing increasing at 70 to 80 degrees.	E28565	155.00	156.00	1.00	0.00
			E28566	156.00	156.70	0.70	0.00
156.70	160.40	VMV, MAFIC VOLCANIC VARIOLITIC VARIOLITIC MAFIC VOLCANIC - dark green/black with varioles exhibiting strong hematization, max size 4cm moderately variolitic overall, moderately magnetic and non-reactive groundmass, tr qtz/cal fracture fills defining foliation 60-70 DTCA with tr veinlets up to 15mm, tr blebby py seams, lower contact gradational as varioles die out, sulphides concentrated along fracture fills trending 60 to 70 degrees at 1-2%, blebs occuring sporadically at ~1%	E28567	156.70	157.80	1.10	0.05
			E28568	157.80	158.30	0.50	0.00
			E28569	158.30	159.00	0.70	0.00
			E28571	159.00	159.70	0.70	0.00
			E28572	159.70	160.40	0.70	0.00
160.40	172.10	VMM, MAFIC VOLCANIC MASSIVE Similar textures and qualities as 151.2 to 156.7 Patchy strong hematization concentrated along UC and LC contact, calcitic veinlets (hairline) throughout with pocketed stockworked zone, qtz carb veinlets sporadic with alteration halos of chlorite, glassy appearance (silicified), rhythmic breaks in core trending along 60 to 70 degrees.	E28573	160.40	160.90	0.50	0.00
			E28574	160.90	161.40	0.50	0.00
172.10	183.30	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTIC MAFIC VOLCANIC - Greyish green to locally buff, glassy appearance (silicified), pseudo glomeroporphyritic with blebs of qtz, moderately magnetic and trace patchy calcite groundmass, calcitic fractures trending 60 to 70 degrees and cross cut by 0 to 20 degrees TCA, sporadic ~1% pyrite 50 to 60 degrees, pseudobreccia appearance throughout most of the unit due to pervasive, predominately chlorite alteration with patchy hematite, sparse blebby py seams along throughout, lower contact sharp 50 DTCA, pocketed foliation at 70 to 80 degrees. LC is Sharp along					
183.30	211.20	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark green black, with alternating "gabbroic" texture and aphanitic zones, flow structures present trending 60 to 70 degrees TCA with sporadic qtz veins and ankertite veinlet trending 60 to 70 degrees, weakly stockworked, qtz veins create small silicified zones, sulphides (pyrite) pocketed and blebby around qtz veinlets at 1-3%, with patchy finely disseminated sulphides occurring within ground mass trace-1%. Gradual LC as texture changes to has hematizations starts fading in	E28575	209.50	210.00	0.50	0.01
			E28576	210.00	210.50	0.50	0.01
			E28577	210.50	211.20	0.70	0.01

DETAILED LOG

Hole Number: **RW17-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
211.20	214.90	VMX, MAFIC BRECCIA Hematized Mafic Breccia, Runway Mineralized zone? Dark green, white purple colour, patchy reactive zones of calcite, UC and LC show gradual weak (sulphides at 1-2%) to strong hematization fading in then out strongest being at ~313m, Brecciation is weak but relic clasts visible, moderate hairline calcite stockworking along with faded grey black, patchy silicified zones with blebby discontinuous qtz, sulphides associated with these zones are infilling fractures, at 3-4% (arseno, pyrite) and long with small blebs dissminated	E28578	211.20	211.80	0.60	0.01
			E28579	211.80	212.40	0.60	0.01
			E28581	212.40	213.00	0.60	0.09
			E28582	213.00	213.50	0.50	0.05
			E28583	213.50	214.30	0.80	0.02
			E28584	214.30	214.90	0.60	0.02
214.90	254.00	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black with whitish-grey qtz veinlets and sporadic epidote veinelts throughout. magnetic, aphanitic ,Veinlets are weakly stockworked throughout. ~1% Sporadic silicified qtz/epidote veinlets (size 3cm-10cm) with sulphides clustered at 3-4% .Stockworking starts strong with calcite and dark grey black (chlorite?) the transions to moderate at 226.5m. Pyrite and CPY are finely disseminated within sporadic thin veinlets throughou, Folaition ~80 degrees TCA to perpendicular with direction of core. LC is sharp at 90 degrees TCA Pocketed zones of qtz/calcite vein clusters with sulphides at 2-3%, weak hematiztion and bleaching halos (244.2 to 244.5 and 245.2 to 246)	E28585	214.90	216.00	1.10	0.01
			E28586	216.00	216.50	0.50	0.00
			E28587	253.00	253.50	0.50	0.01
			E28588	253.50	254.00	0.50	0.01
254.00	255.10	ZHZ, SHEAR Sheared Variolitic Mafics Grey-green with patches of hematized/silicified grey-purple alteration. Qtz-carb veinelts have stockworked and weakly crenulated appearance throughout. Pyrite and CPY are finely dissmieianted with blebbed/clustered 'veinlets' throughout with ~2-3%. Folaition ~70-80 degrees tCA>, relic varioles sheared at 70 to 80 degrees, Sulphides are typically clustered along edges/associated with qtz-carb veining.	E28589	254.00	254.50	0.50	0.01
			E28591	254.50	255.10	0.60	0.02
255.10	269.80	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Green-black with sporadic whitish-grey qtz-carb veinlets and sporadic epidote veinelts throughout, weakly crenulated, magnetic, aphanitic,Veinlets are weakly stockworked throughout. Pyrite and CPY are finely disseminated throughout, , fine leucoxene flakes, LC is gradual and assumed to be 90 degrees TCA	E28592	255.10	255.60	0.50	0.01
			E28593	255.60	256.10	0.50	0.00
269.80	282.90	VMP, VOLCANIC MASSIVE PILLOWED Weakly Variolitic Pillowed Mafics green with sparse buff areas, weakly variolitic overall but increasing with dept, flow textures pocketed but pervasive, moderately magnetic groundmass, tr qtz/cal fracture fills defining foliation 60-70 DTCA, moderate blebby py seams increasing with depth from trace, sulphides disseminated at 1-2%, infilled varioles, from lower contact sharp at 90 degrees tca					

DETAILED LOG

Hole Number: **RW17-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
282.90	287.60	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTIC MAFIC VOLCANIC - Greyish gree, glassy appearance (silicified), moderately magnetic and patchy calcite groundmass, calcitic fractures trending 60 to 70 degrees and cross cut by 0 to 20 degrees TCA, sporadic ~ trace-1% pyrite blebs, pseudobreccia appearance throughout most of the unit due to pervasive, predomintetly chlorite alteration, sparse blebby py seams along throughout, lower contact sharp 50 DTCA,					
287.60	296.80	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark green black, with alternating "gabbroic" texture and aphanitic zones, flow structures present trending 60 to 70 degrees TCA with sporadic qtz veins and ankertite veinlet trending 60 to 70 degrees, sporadic veinlets that exhibit vuggy texture around 293 to 294, moderately stockworked with calcite veinlets,, spo sulphides (pyrite) pocketed and blebby around qtz veinlets at ~1%, with patchy finely disseminated sulphides occuring within ground mass trace-1%. Sharp LC at 80 to 90 degrees TCA.					
296.80	300.60	VMH, MAFIC VOLCANIC HYALOCLASTITE Similar texture qualities 282.9 to 287.6m First 20 cm hematized, calcite is absent and more silified, stockworking starting strong moving to weak by 297.m, clasts have silica vitrious halos, sulphides at trace to 1%. LC is gradual as pseudo brecca apearence dies off.					
300.60	311.80	VMO, MAFIC VOLCANIC UNDIVIDED Similar texture and qualities as 287.6 to 296.8 Morie silicified, LC is sharp at 80 degrees. From 303 to 303.7 Hyaloclastite Mafic similar to 282.9 to 287.m	E28594	310.80	311.30	0.50	0.01
			E28595	311.30	311.80	0.50	0.01
311.80	314.10	VMX, MAFIC BRECCIA Mafic Breccia Dark green clasts with whitish green, Bleached with calcite till 312.2 then becoming moderately hematized till 313.2 grading into weak, matrix is qtz, with patch calcite, clast supported, clast size ranging in size from 7mm to 5cm, sub rounded to subangular, Sulphides clustered and patchy at trace to 1% within matrix, LC is releatively sharp at 60 to 70 degrees TCA.	E28596	311.80	312.50	0.70	0.01
			E28597	312.50	313.10	0.60	0.00
			E28598	313.10	313.60	0.50	0.01
			E28599	313.60	314.10	0.50	0.00
314.10	319.00	VMH, MAFIC VOLCANIC HYALOCLASTITE Similar textures and qualities as 282.9 to 287.m Patchy lens heavily stockworked of calcite and hematization ranging in size ~10cm, hairline calcite veinlets pocketed throughout trending 40 to 60 degrees TCA, LC is gradual as hematization becomes more prominent	E28601	314.10	314.60	0.50	0.00
			E28602	314.60	315.10	0.50	0.00
			E28603	318.20	319.00	0.80	0.00

DETAILED LOG

Hole Number: **RW17-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
319.00	324.90	VMX, MAFIC BRECCIA RUNWAY ZONE MINERALIZATION Purple-bluish green hematization with pervasive whitish-grey qtz-carb veinlets, reactive mackground (calcite ,Qtz-carb veinlets have stockworked and weakly crenulated appearance throughout. Sulphides (pyrite and phyrrotite) are fine-grained and clustered with 1-2% throughout. Hematization at the UC grades in from weak to intense,. Folaition fairly consistent ~70-80 degrees tCA. These are found to crosscut whitish-grey. LC irregular at 80 to 90 degrees. Runway Fault at 322.89 to 322.90 Trending 70 to 70 degrees	E28604	319.00	319.70	0.70	0.09
			E28605	319.70	320.20	0.50	0.00
			E28606	320.20	320.70	0.50	0.00
			E28607	320.70	321.30	0.60	0.01
			E28608	321.30	322.00	0.70	0.00
			E28609	322.00	322.50	0.50	1.63
			E28611	322.50	323.00	0.50	9.92
			E28612	323.00	323.50	0.50	6.28
			E28613	323.50	324.00	0.50	0.63
			E28614	324.00	324.90	0.90	2.19
324.90	325.80	IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY Light pink with greenish grey tinge feldspar/syenite with pervasive black amphibole/micaceous specks/phenocrysts and trace white-grey qtz-crb veinlets throughout. strongly stockworked appearance from from grey green chlorite, and trace calcite. Sulphides are finely disseminated with isolated trace to 1% throughout. Foliation ~70-80 DTCA, lower contact sharp ~80 DTCA	E28615	324.90	325.80	0.90	0.06
325.80	327.90	VMX, MAFIC BRECCIA RUNWAY ZONE MINERALIZATION Purple-bluish green hematization with pervasive whitish-grey qtz-carb veinlets, reactive mackground (calcite) ,Qtz-carb veinlets have stockworked and weakly crenulated appearance throughout., more sheared appearance, Sulphides (pyrite and phyrrotite) are fine-grained and clustered with 1-2% throughout. Hematization at the grades from intense to weak ,. Foilation fairly consistent ~70-80 degrees tCA. These are found to crosscut whitish-grey. LC is gradual as hematization fades out	E28616	325.80	326.30	0.50	2.63
			E28617	326.30	326.80	0.50	0.09
			E28618	326.80	327.40	0.60	0.22
			E28619	327.40	327.90	0.50	0.00
327.90	334.70	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark green black with reddish purple hue, aphanitic, foliation pocketed at 60 to 70 degrees , with sporadic calcite veinlets trending 60 to 70 degrees, moderately stockworked with calcite veinlets, with offsets at 1-2 cm, sulphides at finely disseminated at ~1%, Sharp LC at 80 to 90 degrees TCA. From 332.0 to 332.2m Feldspar porphery, similar to 324.9 to 325.8m, largers blebs of qtz within max size 1cm, phenocrys are also more coarse grained	E28621	327.90	328.40	0.50	0.00
			E28622	328.40	328.90	0.50	0.01
			E28623	328.90	329.50	0.60	0.00
			E28624	329.50	330.20	0.70	0.00
			E28625	330.20	330.80	0.60	0.00
			E28626	330.80	331.60	0.80	1.47
			E28627	331.60	332.20	0.60	0.08
			E28628	332.20	333.00	0.80	0.00
			E28629	333.00	333.90	0.90	0.03
			E28631	333.90	334.70	0.80	0.06
334.70	336.70	IPF, FELDSPAR PORPHYRY Similar textures and qualities 324.9 to 325.8m, patchy bleached zones, LC is sharp and irregular at 80 to 90 degrees, qtz veining pervasive throughout at 10-15% trending 40 to 50 degrees.	E28632	334.70	335.40	0.70	3.47
			E28633	335.40	336.00	0.60	1.00
			E28634	336.00	336.70	0.70	0.40

Hole Number: **RW17-004**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
336.70	341.80	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTIC MAFIC VOLCANIC - Greyish gree, glassy appearance (silicified), moderately magnetic and , calcitic fractures trending 60 to 70 degrees weak stockworking, sporadic ~ trace-1% pyrite blebs, pseudobreccia appearance throughout most of the unit due to pervasive, by 338.3m pyrrhotite patchy seams at 3-4% predominately chlorite alteration, sparse blebby py seams along throughout, lower contact sharp 30 to 40 degrees DTCA along fault slip,	E28635	336.70	337.30	0.60	0.00
			E28636	337.30	337.80	0.50	0.00
			E28637	337.80	338.30	0.50	0.00
			E28638	338.30	339.00	0.70	0.01
			E28639	339.00	339.70	0.70	0.48
			E28641	339.70	340.20	0.50	0.00
			E28642	340.20	340.70	0.50	0.00
341.80	342.60	ZBX, FAULT BRECCIA Faulted Hyaloclastite, Dark green/black, small angular clasts, clasts supported with patchy seams of calcite matrix, sporadic calcite veins running 50 to 60 fault slips ranging from 40 to 60 degrees, friable. sulphides trace, pyrrhotite at 1-2% inbetween clasts					
342.60	347.10	VMH, MAFIC VOLCANIC HYALOCLASTITE Similar Textures and qualities as 336.7m to 341.7m Lacking mineralization of sulphides and pyrrhotite. till 334m then patchy sulphides at 1-2% and pyrrhotite at 1-2%, LC is gradual as rokc becomes more massice and pseudo breccia fades out. Fault from 343.4 to 343.7, Blocky and broken, LC is sharp at 90 degrees MINOR INTERVALS: Minor Interval: 343.40 - 343.70 ZFO, FAULT					
347.10	366.00	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanic Dark green black, with alternating "gabbroic" texture and aphanitic zones, flow structures present trending 60 to 70 degrees TCA with sporadic qtz veins and ankertite veinlet trending 60 to 70 degrees, sporadic veinlets that exhibit vuggy textures , moderately stockworked with crenulated calcite veinlets sulphides (pyrite) pocketed and blebby around qtz veinlets at ~1%, with patchy finely disseminated sulphides occuring within ground mass trace-1%.					

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28541	11.00	11.50	0.0025
E28542	11.50	12.00	0.0025
E28543	12.00	12.50	0.0270
E28544	12.50	13.00	0.0025
E28545	13.00	13.50	0.0050
E28546	13.50	14.30	0.0190
E28547	14.30	15.00	0.0025
E28548	15.00	15.50	0.0025
E28549	15.50	16.00	0.0025
E28551	84.30	84.80	0.0170

Hole Number: **RW17-004**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28552	84.80	85.30	0.0025
E28553	85.30	85.80	0.0360
E28554	85.80	86.60	0.0200
E28555	86.60	87.10	0.0025
E28556	87.10	87.60	0.0025
E28557	106.80	107.30	0.0025
E28558	107.30	107.80	0.0025
E28559	107.80	108.30	0.0060
E28561	108.30	108.80	0.0025
E28562	108.80	109.30	0.0025
E28563	109.30	109.80	0.0025
E28564	109.80	110.30	0.0080
E28565	155.00	156.00	0.0025
E28566	156.00	156.70	0.0025
E28567	156.70	157.80	0.0480
E28568	157.80	158.30	0.0025
E28569	158.30	159.00	0.0025
E28571	159.00	159.70	0.0025
E28572	159.70	160.40	0.0025
E28573	160.40	160.90	0.0025
E28574	160.90	161.40	0.0025
E28575	209.50	210.00	0.0120
E28576	210.00	210.50	0.0090
E28577	210.50	211.20	0.0080
E28578	211.20	211.80	0.0070
E28579	211.80	212.40	0.0090
E28581	212.40	213.00	0.0940
E28582	213.00	213.50	0.0500
E28583	213.50	214.30	0.0210
E28584	214.30	214.90	0.0160
E28585	214.90	216.00	0.0100
E28586	216.00	216.50	0.0025
E28587	253.00	253.50	0.0060
E28588	253.50	254.00	0.0090
E28589	254.00	254.50	0.0100
E28591	254.50	255.10	0.0150
E28592	255.10	255.60	0.0100
E28593	255.60	256.10	0.0025
E28594	310.80	311.30	0.0070

Hole Number: **RW17-004**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28595	311.30	311.80	0.0140
E28596	311.80	312.50	0.0070
E28597	312.50	313.10	0.0025
E28598	313.10	313.60	0.0070
E28599	313.60	314.10	0.0025
E28601	314.10	314.60	0.0025
E28602	314.60	315.10	0.0025
E28603	318.20	319.00	0.0025
E28604	319.00	319.70	0.0910
E28605	319.70	320.20	0.0025
E28606	320.20	320.70	0.0025
E28607	320.70	321.30	0.0110
E28608	321.30	322.00	0.0025
E28609	322.00	322.50	1.6270
E28611	322.50	323.00	9.9160
E28612	323.00	323.50	6.2750
E28613	323.50	324.00	0.6260
E28614	324.00	324.90	2.1930
E28615	324.90	325.80	0.0560
E28616	325.80	326.30	2.6260
E28617	326.30	326.80	0.0910
E28618	326.80	327.40	0.2170
E28619	327.40	327.90	0.0025
E28621	327.90	328.40	0.0025
E28622	328.40	328.90	0.0090
E28623	328.90	329.50	0.0025
E28624	329.50	330.20	0.0025
E28625	330.20	330.80	0.0025
E28626	330.80	331.60	1.4720
E28627	331.60	332.20	0.0760
E28628	332.20	333.00	0.0025
E28629	333.00	333.90	0.0310
E28631	333.90	334.70	0.0600
E28632	334.70	335.40	3.4670
E28633	335.40	336.00	1.0000
E28634	336.00	336.70	0.4030
E28635	336.70	337.30	0.0025
E28636	337.30	337.80	0.0025
E28637	337.80	338.30	0.0025

Hole Number: **RW17-004**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E28638	338.30	339.00	0.0100
E28639	339.00	339.70	0.4800
E28641	339.70	340.20	0.0025
E28642	340.20	340.70	0.0025

DETAILED LOG



Hole Number: **RW17-005**

Units: METRIC

Project Name: Harker Township	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -65.00
Project Number: HARKER_TWP	North: 5370411.75	North:	Collar Az: 335.00
Location: Harker Township	East: 590103.19	East:	Length: 372.00
	Elev: 335.00	Elev:	Start Depth: 0.00
Date Started: Nov 03, 2017	Collar Survey: N	Plugged: N	Contractor: Asinii
Date Completed: Dec 15, 2017	Multishot Survey: N	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 372.00

Comments: Extended to 372.0m December 2017 to extend past 'North trench/Taxiway' mineralization encountered in RW17-001.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	332.10	-64.60	Bruntor	OK	Assumed from first test	18.00	332.10	-64.60	EZ Sho	OK	Aziuth corrected 11.1 degrees, pulled back 6m
69.00	331.80	-64.50	EZ Sho	OK	Same as above	120.00	335.30	-64.20	EZ Sho	OK	Same as above
171.00	334.60	-64.00	EZ Sho	OK	Same as above	222.00	337.70	-64.10	EZ Sho	OK	Same as above
252.00	328.80	-63.90	EZ Sho	DO	Anomalous AZ; high mag	354.00	338.60	-67.10	EZ Sho	OK	Azimuth corrected 11.1 degrees

Detailed Lithology

From		To	Lithology	Assay Data				
Sample Number	From	To	Length	Au_gpt_Final				
0.00	7.00	HPO, OVERBURDEN CASING/OVERBURDEN 6m Casing Drilled. Approximately 4 metres (3-7m) Overburden retained. Overburden is predominantly massive mafic volcanic cobbles/boulders with broken/blocky appearance and pervasive rusted appearance along perimeter of broken fragments (assumed to be from weathering/water seams). 3-3.3 metres is boulder of dioritic material.						
7.00	70.50	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Dark-green to black chloritic matrix with pervasive whitish-grey qtz-carb veinlets and weak-moderate magnetism throughout. Green epidote veinlets are sporadic. Veinlets have crenulated and sporadic stockworked appearance throughout. PY/CPY are finely disseminated with small, angular clusters throughout with ~trace-1%. Foliation strongest ~60-80 degrees TCA.						
70.50	70.60	ZGO, GOUGE FAULT GOUGE Grey-green semi-healed fault gouge ~5cm in width noted. Contacts are sharp and ~80 degrees tCa to perpendicular with direction of core. Unknown whether related to RUNWAY-ROCK FAULT or whether new fault. Gouge appears to be epidote-derived.						

DETAILED LOG

Hole Number: **RW17-005**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
70.60	81.00	<p>VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Dark-green to black chloritic matrix with pervasive whitish-grey qtz-carb veinlets and weak-moderate magnetism throughout. Green epidote veinlets are sporadic. Veinlets have crenulated and sporadic stockworked appearance throughout. PY/CPY are finely disseminated with small, angular clusters throughout with ~trace-1%. Foliation strongest ~60-80 degrees TCA.</p>	E28871	79.10	80.10	1.00	0.01
			E28872	80.10	81.00	0.90	0.00
81.00	85.80	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTITE Green-black with whitish-grey qtz-carb veinlets and sporadic green epidote veinlets patchy. Patches of green-brown bleached alteration pervasive. Veinlets have stockworked and crenulated appearance throughout. PY/CPY have small, disseminated clusters associated with qtz-carb/epidote veinlets throughout section with ~trace-1%. Foliation ~70-80 degrees tCa, WEak-moderate magnetism noted. Hyaloclastic textures are patchy with ~1-2mm diameter, sub-angular to angular fragments supported by black crystalline matrix and occasionally surrounding chloritic host. Fragmented appearance inferred to be from following brecciated/fault activity.</p>	E28873	81.00	82.00	1.00	0.00
			E28874	82.00	83.00	1.00	0.02
			E28875	83.00	84.00	1.00	0.02
			E28876	84.00	84.80	0.80	0.02
			E28877	84.80	85.80	1.00	0.02
85.80	87.60	<p>VMX, MAFIC BRECCIA RUNWAY MINERALIZATION Purple hematitic alteration with brown sericitic fragments and Whitish-grey qtz-carb veinlets throughout. Patches of green chloritic alteration patchy. Fragments are sub-angular, ~1-2mm diameter and moderately chl matrix supported. PY/CPY are finely disseminated throughout with ~1-2%; Trace-1% ASPY specks throughout. Foliation ~70-80 degrees tCa. *SERICITE FRAGMENTS WITH CHL MATRIX ARE NOTED WITHIN PROXIMITY TO RUNWAY FAULT</p>	E28878	85.80	87.00	1.20	3.16
			E28879	87.00	87.70	0.70	6.94
87.60	87.70	<p>ZGO, GOUGE RUNWAY-ROCK FAULT ~10cm wide semi-healed chl mud gouge that differs in composition than typically noted, albeit in same general location. Upper/lower contacts are sharp and ~40-50 degrees tCa.</p>					
87.70	89.00	<p>VMX, MAFIC BRECCIA RUNWAY MINERALIZATION Purple hematitic alteration with brown sericitic fragments and Whitish-grey qtz-carb veinlets throughout. Patches of green chloritic alteration patchy. Fragments are sub-angular, ~1-2mm diameter and moderately chl matrix supported. PY/CPY are finely disseminated throughout with ~1-2%; Trace-1% ASPY specks throughout. Foliation ~70-80 degrees tCa. *SERICITE FRAGMENTS WITH CHL MATRIX ARE NOTED IN PROXIMITY TO FAULT</p>	E28881	87.70	89.00	1.30	0.45

DETAILED LOG

Hole Number: **RW17-005**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
89.00	91.20	QBX, QUARTZ BRECCIA QTZ BRECCIA Grey-white qtz with heavily silicified grey-purple hematitic mineralization and patchy chl alteration throughout. Black-green chl/tourmaline? stringers and jointing noted throughout. CPY and PY are finely disseminated with small fine-grained clusters noted throughout with ~2-3%; ASPY/GALENA as small specks and sporadic 'wire-like' specks associated with qtz mineralization with ~trace-1%. Foliation strongest ~40-50 degrees tCA. Chl/tour stringers/jointing follow same general trend of foliation, albeit with weakly crenulated appearance throughout. CPY/PY clusters are found associated with these stringers.	E28882	89.00	90.00	1.00	0.03
			E28883	90.00	90.50	0.50	0.15
			E28884	90.50	91.20	0.70	0.66
91.20	105.00	VMX, MAFIC BRECCIA SILICIFIED HEMATITIC MAFICS (RUNWAY MINERALIZATION) Purple-grey to grey-green with pervasive whitish-grey veinlets throughout. Veinlets have stockworked and crenulated appearance throughout. CPY and PY have disseminated and small, fine-grained clusters throughout with ~1-2%; Trace-1% disseminated ASPY/GALENA. Foliation ~70-80 degrees TCa.	E28885	91.20	92.00	0.80	0.05
			E28886	92.00	93.00	1.00	0.03
			E28887	93.00	94.00	1.00	0.00
			E28888	94.00	95.00	1.00	0.05
			E28889	95.00	96.00	1.00	0.01
			E28891	96.00	97.00	1.00	0.01
			E28892	97.00	97.70	0.70	0.01
			E28893	97.70	98.80	1.10	0.13
			E28894	98.80	100.10	1.30	0.36
			E28895	100.10	101.00	0.90	0.44
			E28896	101.00	102.00	1.00	0.59
			E28897	102.00	102.70	0.70	1.23
			E28898	102.70	103.50	0.80	0.03
			E28899	103.50	104.40	0.90	0.14
		E28901	104.40	105.00	0.60	0.02	
105.00	118.70	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTITE Same general textures and qualities as 81-85.8 metres.	E28902	105.00	106.00	1.00	0.00
			E28903	106.00	107.00	1.00	0.00
			E28904	107.00	108.00	1.00	0.01
			E28905	108.00	109.00	1.00	0.03
			E28906	109.00	110.00	1.00	0.00
			E28907	110.00	111.00	1.00	0.00
			E28908	111.00	112.00	1.00	0.75
			E28909	112.00	113.00	1.00	0.00
			E28911	113.00	114.00	1.00	0.00
			E28912	114.00	115.00	1.00	0.00
			E28913	115.00	116.00	1.00	0.00
			E28914	116.00	117.00	1.00	0.00
			E28915	117.00	117.50	0.50	0.00
			E28916	117.50	118.30	0.80	0.00
		E28917	118.30	118.70	0.40	0.00	

DETAILED LOG

Hole Number: **RW17-005**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
118.70	173.50	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 70.6-81.0 metres, albeit with more coarse-grained textures.	E28918	118.70	120.00	1.30	0.00
			E28919	120.00	121.50	1.50	0.00
			E28921	172.40	173.50	1.10	0.00
173.50	175.10	BLL, BIOTITIC LAMPROPHYRE LAMPROPHYRE Black-green with black amphibole and micaceous phenocrysts and whitish-pink feldspathic phenocrysts throughout. Phenocrysts are angular, ~1-2mm in diaeter and well matrix supported. PY is finely disseinated and virtually absent with trace-<1%. Foliation ~70-80 degrees tCA. Upper/lower contacts are gradational and ~40-50 degrees tCa. Weak magnetism noted throughout.	E28922	173.50	174.30	0.80	0.00
			E28923	174.30	175.10	0.80	0.00
175.10	177.20	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures/qualities as 118.7-173.5 metres, albeit with weak hematitic alteration throughotu.	E28924	175.10	176.00	0.90	0.00
			E28925	176.00	177.20	1.20	0.03
177.20	177.90	ISP, PORPHYRITIC SYENITE SYENITIC PORPHYRY Pink-green matrix with whitish-pink feldspathic phenocrysts throughout. Phenocrysts are angular, ~3-5mm in diameter and well matrix supported. Phenocrysts show weak preferential alignment. PY/CPY are very finely disseminated throughotu with ~trace-1%. Foliation ~70-80 degrees tCA; upper/lower contacts are sharp and ~80 degrees CA to perpendicular with direction of core.	E28926	177.20	177.90	0.70	0.01
177.90	181.40	ZFZ, FAULT ZONE FAULT ZONE Same general textures and qualities as 175.1-177.2 metres, albeit with relatively flat lying (sub-parallel with direction of core) chloritic slip plane ~1-2mm in thickness throughout unit. Slip trends ~10 degrees TCA to sub-parallel; foliation of unit ~80 degrees TCA to perpendicular with direction of core.	E28927	177.90	179.00	1.10	0.00
			E28928	179.00	180.00	1.00	0.00
			E28929	180.00	181.40	1.40	0.00
181.40	184.40	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same as previous unit, albeit lacking chloritic slip plane.	E28931	181.40	182.60	1.20	0.00
			E28932	182.60	183.50	0.90	0.00
			E28933	183.50	184.40	0.90	0.00
184.40	185.20	ZFZ, FAULT ZONE FAULT ZONE Hematitic slip/gouge ~1-2mm in thickness with same general trend as noted in 177.9-181.4 metres, albeit with pervasive broken/blocky core associated with slip/gouge. Trends ~10 degrees CA to sub-parallel wih direction of core. Lower conact is jagged and ~40-50 degree TCA.	E28934	184.40	185.20	0.80	0.00

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Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
185.20	253.60	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Dark green with whitish-grey qtz-carb veinlets and sporadic light green epidote veinlets. Veinlets have crenulated and weakly stockworked appearance throughout. PY and CPY are very finely disseminated with isolated small, fine-grained clusters associated with isolated qz-carb veinlets with ~trace-1%. Foliation ~80 degrees tCa to perpendicular with direction of core. Sporadic veinlets crosscut unit ~40-50 degrees tCa.	E28935	185.20	186.30	1.10	0.00
			E28936	186.30	187.70	1.40	0.00
			E28937	187.70	189.20	1.50	0.00
			E30779	252.00	253.00	1.00	0.00
			E30781	253.00	253.60	0.60	0.00
253.60	255.50	VMX, MAFIC BRECCIA RUNWAY-STYLE MINERALIZATION Purple-grey hematitic matrix, white-pink carb/ankeritic veinlets pervasive. Green chloritic matrix and fragmented brownish sericitic mineralization patchy. Carb veinlets have weak stockworked and crenulated appearance throughout unit. Angular sericitic fragments ~1-2mm in diameter, and moderately chloritic matrix supported from 253.6-254.2 metres. Rest of unit is predominantly hematitic altered. Sulphides are finely disseminated with small, fine-grained clusters associated with carb veinlets throughout unit with ~1-2%. Foliation ~70-80 degrees tCa. 253.6-254.2 metres has foliation ~80 degrees tCa to perpendicular with direction of core. Upper/lower contacts are defined by ~5-10mm width whitish carb veinlets trending ~70-80 degrees tCa.	E30782	253.60	254.20	0.60	0.03
			E30783	254.20	254.80	0.60	0.02
			E30784	254.80	255.50	0.70	0.18
255.50	258.50	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 185.2-253.6 metres. Lower contact is rubble and ~70-80 degrees tCa.	E30785	255.50	257.00	1.50	0.01
			E30786	257.00	258.50	1.50	0.00
258.50	262.00	ZFZ, FAULT ZONE FAULT ZONE (OFFSHOOT OF RUNWAY OR TAXIWAY FAULT?) Green chloritic matrix similar to previous unit, albeit with pervasive broken/blocky core and sporadic grey mud slips/seams throughout. Whitish carb veinlets have weak stockworked and sigmoidal appearance throughout, indicating possible intense shear zone. Grey mud slips are sporadic and have trend typically ~20 degrees tCa to sub-parallel with direction of core and have jagged edges. Trace disseminated pyrite noted. Lower contact is sharp and ~70-80 degrees tCa.	E30787	258.50	259.20	0.70	0.00
			E30788	259.20	260.50	1.30	0.00
			E30789	260.50	262.00	1.50	0.00

DETAILED LOG

Hole Number: **RW17-005**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
262.00	275.00	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTITE Green-yellow with whtiish carb veinelts and sprodadic green epidote veinlets throughout. Generally more coarse grained than typical VMM units. Sulphides are finely dissemiante with small, ine-grained clusters throughout with ~trace-1%. Foliation ~70-80 degrees tCa.	E30791	262.00	263.00	1.00	0.00
			E30792	263.00	264.00	1.00	0.00
			E30793	264.00	265.00	1.00	0.00
			E30794	265.00	266.00	1.00	0.00
			E30795	266.00	267.00	1.00	0.00
			E30796	267.00	268.00	1.00	0.00
			E30797	268.00	268.60	0.60	0.00
			E30798	268.60	269.20	0.60	0.52
			E30799	269.20	270.00	0.80	0.10
			E30801	270.00	271.50	1.50	0.01
			E30802	271.50	273.00	1.50	0.00
			E30803	273.00	274.00	1.00	0.00
		E30804	274.00	275.00	1.00	0.00	
275.00	275.05	ZGO, GOUGE FAULT GOUGE Pink-brown mud fault gouge ~0.5cm wide alogn contact of whitish carb veinlet. Trends ~40-50 degrees tCA.	E30805	275.00	276.00	1.00	0.00
275.05	277.50	VMH, MAFIC VOLCANIC HYALOCLASTITE HYALOCLASTITE Green-yellow with whtiish carb veinelts and sprodadic green epidote veinlets throughout. Generally more coarse grained than typical VMM units. Sulphides are finely dissemiante with small, ine-grained clusters throughout with ~trace-1%. Foliation ~70-80 degrees tCa.	E30806	276.00	277.50	1.50	0.04
277.50	278.60	VMX, MAFIC BRECCIA RUNWAY/TAXIWAY MINERALIZATION Same general textures/qualities as hematitic-altered portion of 253.6-255.5 metres. Foliation ~80 degree TCA to perpendicular with direction of core.	E30807	277.50	278.60	1.10	0.06

DETAILED LOG

Hole Number: **RW17-005**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
278.60	300.40	<p>ZHZ, SHEAR SHEARED MAFIC VOLCANIC Same general composition as previous unit, albeit with pervasive white-grey qtz-carb sigmoidal and stockworked veinlets. Veinlets are typically ~1-2mm in width. PY and CPY as small, fine-grained clusters and 'stockworked' infilled? veinlets with ~1-2% throughout. Sigmoidal veinlets trend ~60-70 degrees TCA and generally follow foliation direction of core.</p>	E30808	278.60	280.00	1.40	0.02
			E30809	280.00	281.00	1.00	0.00
			E30811	281.00	282.00	1.00	0.11
			E30812	282.00	283.00	1.00	0.00
			E30813	283.00	284.00	1.00	0.00
			E30814	284.00	285.00	1.00	0.14
			E30815	285.00	286.00	1.00	0.00
			E30816	286.00	287.00	1.00	0.01
			E30817	287.00	288.00	1.00	0.00
			E30818	288.00	289.00	1.00	0.00
			E30819	289.00	290.00	1.00	0.00
			E30821	290.00	291.00	1.00	0.01
			E30822	291.00	292.00	1.00	0.00
			E30823	292.00	293.00	1.00	0.00
			E30824	293.00	294.00	1.00	0.00
			E30825	294.00	295.00	1.00	0.00
			E30826	295.00	296.00	1.00	0.00
		E30827	296.00	297.00	1.00	0.03	
		E30828	297.00	298.00	1.00	0.12	
		E30829	298.00	299.20	1.20	0.79	
		E30831	299.20	300.40	1.20	0.06	
300.40	309.80	<p>BLL, BIOTITIC LAMPROPHYRE BIOTITIC LAMPROPHYRE Green brown matrix with pervasive angular biotitic/amphibole phenocrysts and whitish-pink feldspathic phenocrysts throughout. Feldspathic phenocrysts are angular and have sporadic 'zoned' perimeter. Pervasive 1-2mm width hematitic mud slips throughout unit following general foliation trend of unit (could indicate contacts for diferent intrusion events?). Trace disseminated pyrite noted throughout. Folaition ~40-50 degrees tCA.</p>	E30832	300.40	301.30	0.90	0.01
			E30833	301.30	302.30	1.00	0.02
			E30834	302.30	303.00	0.70	0.01
			E30835	303.00	304.00	1.00	0.00
			E30836	304.00	305.00	1.00	0.01
			E30837	305.00	305.70	0.70	0.00
			E30838	305.70	306.90	1.20	0.01
			E30839	306.90	308.00	1.10	0.01
			E30841	308.00	309.00	1.00	0.00
			E30842	309.00	309.80	0.80	0.01
309.80	312.00		<p>ZFZ, FAULT ZONE FAULT ZONE (INTERCOLLATED MAFICS/LAMPROPHYRES) Roughly even mixture of previous 2 units. Same style of hematitic slips present along contacts with lamprophyre/mafic contacts. Broken/rubbly core present throughout. Trace disseminated pyrite. Folaition ~50-70 degrees tCA.</p>	E30843	309.80	310.80	1.00
		E30844		310.80	312.00	1.20	0.01
312.00	314.40	<p>ZHZ, SHEAR SHEAR ZONE Same genenal textures and qualities as 278.6-300.4 metres.</p>	E30845	312.00	312.60	0.60	0.12
			E30846	312.60	313.50	0.90	0.03
			E30847	313.50	314.40	0.90	0.12

DETAILED LOG

Hole Number: **RW17-005**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
314.40	316.10	VMX, MAFIC BRECCIA TAXIWAY-RUNWAY MINERALIZATION Same general textures and qualities as 253.6-255.5 metres. Pervasive vugged pink-white carb-ankeratic veinlets. 1-2% disseminated and clustered PY/CPY. Foliation ~70-80 degrees tCA.	E30848	314.40	315.10	0.70	0.09
			E30849	315.10	316.10	1.00	0.01
316.10	327.50	ZHZ, SHEAR SHEARED VARIOLITIC MAFIC VOLCANIC Green-grey to green-yellow with pervasive white-grey qtz-carb veinlets throughout. Whitish carb exhibiting deformation throughout unit. Qtz-carb veinlets have stockworked and crenulated appearance throughout. PY is finely disseminated with sporadic small, fine-grained clusters with ~trace-1%. Foliation ~70-80 degrees tCA. Sub-parallel red-green epidote/hematitic slips with slickenslided textures noted between 324.0-325.5 metres. Slip ~1mm in width and exhibits crenulated edges.	E30851	316.10	317.00	0.90	0.21
			E30852	317.00	318.00	1.00	0.11
			E30853	318.00	319.20	1.20	0.11
			E30854	319.20	320.00	0.80	0.01
			E30855	320.00	321.00	1.00	0.02
			E30856	321.00	322.00	1.00	0.00
			E30857	322.00	323.00	1.00	0.00
			E30858	323.00	324.00	1.00	0.00
			E30859	324.00	324.50	0.50	0.01
			E30861	324.50	325.50	1.00	0.01
		E30862	325.50	326.60	1.10	0.01	
		E30863	326.60	327.50	0.90	0.01	
327.50	329.50	IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY Pink-brown with black micaceous and amphibole phenocrysts and sporadic white-green epidote/carb veinlets throughout. Mica/amphibole are angular, ~1-3mm in diameter. Sulphides are finely disseminated throughout with ~trace-1%. Foliation ~70-80 degrees tCA> Upper/lower contacts are sharp and ~80 degrees TCA to perpendicular with direction of core. Epidote/carb veinlets are crenulated and typically trend ~20-40 degrees tCa and crosscut foliation trend of unit.	E30864	327.50	328.50	1.00	0.03
			E30865	328.50	329.50	1.00	0.00
329.50	330.90	LLO, LAMPROPHYRE INTERCOLLATED LAMPROPHYRE AND MASSIVE MAFIC VOLCANICS Same general qualities as 309.8-312.0 metres. 2mm grey-green mud slip/gouge noted at 330.9 metres trending ~50-60 degrees tCA>	E30866	329.50	330.00	0.50	0.00
			E30867	330.00	330.70	0.70	0.01
			E30868	330.70	331.40	0.70	0.01
330.90	330.92	ZGO, GOUGE INTERCOLLATED LAMPROPHYRE AND MASSIVE MAFIC VOLCANICS Same general qualities as 309.8-312.0 metres. 2mm grey-green mud slip/gouge noted at 330.9 metres trending ~50-60 degrees tCA>					
330.92	332.30	LLO, LAMPROPHYRE INTERCOLLATED LAMPROPHYRE AND MASSIVE MAFIC VOLCANICS Same general qualities as 309.8-312.0 metres. 2mm grey-green mud slip/gouge noted at 330.9 metres trending ~50-60 degrees tCA>	E30869	331.40	332.30	0.90	0.01

DETAILED LOG

Hole Number: **RW17-005**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
332.30	340.10	VMM, MAFIC VOLCANIC MASSIVE MASSIVE MAFIC VOLCANICS Same general textures and qualities as 255.5-258.5 metres.	E30871	332.30	333.00	0.70	0.00
			E30872	333.00	334.50	1.50	0.00
			E30873	334.50	336.00	1.50	0.00
			E30874	336.00	337.50	1.50	0.00
			E30875	337.50	339.00	1.50	0.00
			E30876	339.00	340.10	1.10	0.00
340.10	341.30	IPF, FELDSPAR PORPHYRY FELDSPAR PORPHYRY Same general textures and qualities as 327.5-329.5 metres. Upper/lower contacts are sharp and ~80 degrees tCA to perpendicular with direction of core.	E30877	340.10	341.30	1.20	0.00
341.30	372.00	VGO, GABBRO GABBRO Green-black with whitish feldspar phenocrysts, green epidote veinlets and sporadic white-grey qtz-carb veinlets throughout. Slightly more coarse grained and slightly more silicified than previously-described VMM units. Moderate magnetism noted throughout. Trace-1% disseminated and thin veinlets of pyrite observed with epidote veinlets. Foliation ~70-80 degrees tCA. Epidote veinlets have stockworked and crenulated appearance and commonly crosscut unit ~20-40 degrees tCA>	E30878	341.30	342.00	0.70	0.01
			E30879	342.00	343.10	1.10	0.01
			E30881	343.10	344.60	1.50	0.00

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28871	79.10	80.10	0.0070
E28872	80.10	81.00	0.0025
E28873	81.00	82.00	0.0025
E28874	82.00	83.00	0.0230
E28875	83.00	84.00	0.0220
E28876	84.00	84.80	0.0180
E28877	84.80	85.80	0.0180
E28878	85.80	87.00	3.1590
E28879	87.00	87.70	6.9350
E28881	87.70	89.00	0.4450
E28882	89.00	90.00	0.0280
E28883	90.00	90.50	0.1450
E28884	90.50	91.20	0.6600
E28885	91.20	92.00	0.0500
E28886	92.00	93.00	0.0260
E28887	93.00	94.00	0.0025
E28888	94.00	95.00	0.0460
E28889	95.00	96.00	0.0060

Hole Number: **RW17-005**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28891	96.00	97.00	0.0050
E28892	97.00	97.70	0.0120
E28893	97.70	98.80	0.1300
E28894	98.80	100.10	0.3580
E28895	100.10	101.00	0.4390
E28896	101.00	102.00	0.5910
E28897	102.00	102.70	1.2320
E28898	102.70	103.50	0.0270
E28899	103.50	104.40	0.1390
E28901	104.40	105.00	0.0150
E28902	105.00	106.00	0.0025
E28903	106.00	107.00	0.0025
E28904	107.00	108.00	0.0060
E28905	108.00	109.00	0.0250
E28906	109.00	110.00	0.0025
E28907	110.00	111.00	0.0025
E28908	111.00	112.00	0.7480
E28909	112.00	113.00	0.0025
E28911	113.00	114.00	0.0025
E28912	114.00	115.00	0.0025
E28913	115.00	116.00	0.0025
E28914	116.00	117.00	0.0025
E28915	117.00	117.50	0.0025
E28916	117.50	118.30	0.0025
E28917	118.30	118.70	0.0025
E28918	118.70	120.00	0.0025
E28919	120.00	121.50	0.0025
E28921	172.40	173.50	0.0025
E28922	173.50	174.30	0.0025
E28923	174.30	175.10	0.0025
E28924	175.10	176.00	0.0025
E28925	176.00	177.20	0.0250
E28926	177.20	177.90	0.0050
E28927	177.90	179.00	0.0025
E28928	179.00	180.00	0.0025
E28929	180.00	181.40	0.0025
E28931	181.40	182.60	0.0025
E28932	182.60	183.50	0.0025
E28933	183.50	184.40	0.0025

Hole Number: **RW17-005**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E28934	184.40	185.20	0.0025
E28935	185.20	186.30	0.0025
E28936	186.30	187.70	0.0025
E28937	187.70	189.20	0.0025
E30779	252.00	253.00	0.0025
E30781	253.00	253.60	0.0025
E30782	253.60	254.20	0.0260
E30783	254.20	254.80	0.0220
E30784	254.80	255.50	0.1750
E30785	255.50	257.00	0.0130
E30786	257.00	258.50	0.0025
E30787	258.50	259.20	0.0025
E30788	259.20	260.50	0.0025
E30789	260.50	262.00	0.0025
E30791	262.00	263.00	0.0025
E30792	263.00	264.00	0.0025
E30793	264.00	265.00	0.0025
E30794	265.00	266.00	0.0025
E30795	266.00	267.00	0.0025
E30796	267.00	268.00	0.0025
E30797	268.00	268.60	0.0025
E30798	268.60	269.20	0.5240
E30799	269.20	270.00	0.0980
E30801	270.00	271.50	0.0050
E30802	271.50	273.00	0.0025
E30803	273.00	274.00	0.0025
E30804	274.00	275.00	0.0025
E30805	275.00	276.00	0.0025
E30806	276.00	277.50	0.0380
E30807	277.50	278.60	0.0560
E30808	278.60	280.00	0.0180
E30809	280.00	281.00	0.0025
E30811	281.00	282.00	0.1100
E30812	282.00	283.00	0.0025
E30813	283.00	284.00	0.0025
E30814	284.00	285.00	0.1370
E30815	285.00	286.00	0.0025
E30816	286.00	287.00	0.0060
E30817	287.00	288.00	0.0025

Hole Number: **RW17-005**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E30818	288.00	289.00	0.0025
E30819	289.00	290.00	0.0025
E30821	290.00	291.00	0.0080
E30822	291.00	292.00	0.0025
E30823	292.00	293.00	0.0025
E30824	293.00	294.00	0.0025
E30825	294.00	295.00	0.0025
E30826	295.00	296.00	0.0025
E30827	296.00	297.00	0.0300
E30828	297.00	298.00	0.1180
E30829	298.00	299.20	0.7900
E30831	299.20	300.40	0.0580
E30832	300.40	301.30	0.0110
E30833	301.30	302.30	0.0160
E30834	302.30	303.00	0.0090
E30835	303.00	304.00	0.0025
E30836	304.00	305.00	0.0080
E30837	305.00	305.70	0.0025
E30838	305.70	306.90	0.0060
E30839	306.90	308.00	0.0090
E30841	308.00	309.00	0.0025
E30842	309.00	309.80	0.0070
E30843	309.80	310.80	0.0070
E30844	310.80	312.00	0.0050
E30845	312.00	312.60	0.1230
E30846	312.60	313.50	0.0260
E30847	313.50	314.40	0.1200
E30848	314.40	315.10	0.0860
E30849	315.10	316.10	0.0130
E30851	316.10	317.00	0.2110
E30852	317.00	318.00	0.1120
E30853	318.00	319.20	0.1120
E30854	319.20	320.00	0.0070
E30855	320.00	321.00	0.0190
E30856	321.00	322.00	0.0025
E30857	322.00	323.00	0.0025
E30858	323.00	324.00	0.0025
E30859	324.00	324.50	0.0080
E30861	324.50	325.50	0.0130

Hole Number: **RW17-005**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E30862	325.50	326.60	0.0090
E30863	326.60	327.50	0.0120
E30864	327.50	328.50	0.0270
E30865	328.50	329.50	0.0025
E30866	329.50	330.00	0.0025
E30867	330.00	330.70	0.0070
E30868	330.70	331.40	0.0100
E30869	331.40	332.30	0.0100
E30871	332.30	333.00	0.0025
E30872	333.00	334.50	0.0025
E30873	334.50	336.00	0.0025
E30874	336.00	337.50	0.0025
E30875	337.50	339.00	0.0025
E30876	339.00	340.10	0.0025
E30877	340.10	341.30	0.0025
E30878	341.30	342.00	0.0050
E30879	342.00	343.10	0.0070
E30881	343.10	344.60	0.0025

DETAILED LOG



Hole Number: **RW17-006**

Units: METRIC

Project Name: Harker Township	Primary Coordinates Grid: UTM:NAD83:	Destination Coordinates Grid: UTM:	Collar Dip: -57.00
Project Number: HARKER_TWP	North: 5370200.00	North:	Collar Az: 339.00
Location: Harker Township	East: 590240.00	East:	Length: 424.00
	Elev: 334.00	Elev:	Start Depth: 0.00
Date Started: Dec 04, 2017	Collar Survey: N	Plugged: N	Contractor: Asinii
Date Completed: Dec 10, 2017	Multishot Survey: N	Hole Size: NQ	Core Storage: Holt McDermott
	Pulse EM Survey: N	Casing: YES	Final Depth: 424.00

Comments: Approximately 6m of casing left in hole, Hole depth corrected two meters, meter count off

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	335.50	-56.60	Bruntor	OK	Assumed from first test	51.00	335.50	-56.60	EZ Sho	OK	Azimuth corrected 11.1 degrees, pulled back 9m
105.00	327.10	-56.80	EZ Sho	DO	same as above	156.00	290.30	-57.00	EZ Sho	DO	Anomalous AZ; low mag
207.00	335.60	-57.10	EZ Sho	OK	same as above	258.00	338.20	-57.30	EZ Sho	OK	same as above
309.00	339.00	-57.40	EZ Sho	OK	same as above	360.00	340.90	-57.10	EZ Sho	OK	same as above
411.00	338.60	-57.10	EZ Sho	OK	same as above						

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
0.00	6.00	HPO, OVERBURDEN					
6.00	37.80	VMP, VOLCANIC MASSIVE PILLOWED Pillowed Mafic Volcanics Dark green, aphanitic, with patchy granular texture, patchy pillow salvages have weak hyaloclastite texture along with patchy varioles, patchy silicified zones within and around fracture fills, sulphides patchy cluster and blebby within varioles at 2-3% overall trace to 1%, LC is relatively sharp at 70 to 80 degrees.	E30677	24.50	25.00	0.50	0.00
			E30678	25.00	26.00	1.00	0.02
			E30679	26.00	26.50	0.50	0.02
			E30681	26.50	27.50	1.00	0.01
			E30682	27.50	28.00	0.50	0.01
			E30683	36.00	36.90	0.90	0.00
			E30684	36.90	37.80	0.90	0.00
37.80	106.70	VMM, MAFIC VOLCANIC MASSIVE Massive Mafic Volcanics Dark green to black, aphanitic, magnetic, bleached zones from 57 to 68.7m with patchy zones throughout fading out 75m, calcite and epidote veinlets trending at 50 to 60 degrees TCA, sulphides associated with bleached zones at 1-2%, trace sporadic qtz with tourmaline veinlets trending 50 to 60 degrees. LC is sharp along chill margin at 70 degrees TCA From 78 to 78.6m flow breccia with angular clasts of mafics, matrix supported, calcite, sulphides at 1-2%	E30685	37.80	38.50	0.70	0.01
			E30686	56.30	57.00	0.70	0.06
			E30687	57.00	57.70	0.70	0.02
			E30688	57.70	58.70	1.00	0.01
			E30689	58.70	59.20	0.50	0.02
			E30691	105.70	106.70	1.00	0.01

DETAILED LOG

Hole Number: **RW17-006**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
106.70	108.20	IPO, FELSIC PORPHYRITIC INTRUSIVE Felsic Intrusion Light greenish white pink, euhedral magnetite phenocrysts peppered throughout, along with felsic prophyblasts in the background, alignment of grains creating foliation at 50 to 60 degrees, sporadic calcite veinlet cutting across 80 degrees TCA, LC is sharp at ~90 degrees, sulphides at trace to 1% in blebs. QTZ vein from 107.7 to 108m milky white, chlorite fracture fills through out, no visible sulphides.	E30692	106.70	107.60	0.90	0.01
			E30693	107.60	108.20	0.60	0.01
108.20	125.20	VMP, VOLCANIC MASSIVE PILLOWED Pillowed Mafic Volcanic Dark green, aphanitic with patchy granular texture, pervasive hairline epidote veinlets trending at 50 to 60 degrees, pillow salvage sare bleached and epidote with foliation at ~60 degrees, sporadic qtz/calcite veinlets throughout at 60 degrees, sulphides are clustered along fractures at 2-3%, overall trace finely disseminated, LC is gradual along 80 degrees	E30694	108.20	109.20	1.00	0.01
			E30695	124.10	125.20	1.10	0.01
125.20	138.90	VMP, VOLCANIC MASSIVE PILLOWED Similar textures and qualities as 108.2m to 125m Becoming hematite altered giving purplish hue to the core, pillow salvages are silicified, sulphides are are concentrated in fractures and pillow salvages at 2-3%, trace to 1% finely disseminated, where hematized zone lacks its dark green and aphanitic, LC is gradual as hematization dies out	E30696	125.20	126.20	1.00	0.03
			E30697	126.20	126.70	0.50	0.28
			E30698	126.70	127.40	0.70	0.04
			E30699	127.40	128.00	0.60	0.01
			E30701	132.20	132.70	0.50	0.01
			E30702	132.70	133.20	0.50	0.03
			E30703	133.20	133.90	0.70	0.04
			E30704	133.90	134.40	0.50	0.05
			E30705	134.40	135.00	0.60	0.01
		E30706	135.00	135.70	0.70	0.03	
138.90	157.00	VMP, VOLCANIC MASSIVE PILLOWED Volcanic Pillowed Mafics Dark green to black, granular, bleached/epidote green salvages, sulphides at 1-2 % in salvages trace to 1% throughout finly disseminated throughout, sporadic calcite veinlets running 80 degrees TCA, Gradual LC as pulow salvages die out					
157.00	182.00	VMO, MAFIC VOLCANIC UNDIVIDED Undivided Mafic Volcanics Similar textures and qualities as 138.9 to 157.0m, magnetite phenocrysts peppered throughout, giving granular texture, trace sporadic qtz veinlets with clustered sulphides at 1-2%, sulphides overall are trace, clusted along foliation, silicified weak patchy hematite, LC is sharp ~70 degrees TCA.	E30707	181.50	182.00	0.50	0.01
182.00	199.00	VMH, MAFIC VOLCANIC HYALOCLASTITE Volcanic Hyaloclastite Mafic Green with whitish tinge, vitreous ,magnetism patchy, sporadic trace qtz veinlets with clustered sulphides at 1-2%.pseudo breccia appearance, angular clasts appearance with bleached halos ranging in size from 6mm to 1cm, strongly silicified, patchy hematization, sulphides are are disseminated in silicious matrix at 1-2%. LC is gradual as pseudo brecca texture grades out at 90 degrees TCA,	E30708	182.00	182.70	0.70	0.01
			E30709	182.70	183.20	0.50	0.01
			E30711	183.20	183.70	0.50	0.02

Hole Number: **RW17-006**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
199.00	296.20	<p>VMP, VOLCANIC MASSIVE PILLOWED</p> <p>Similar textures and qualities as 138.9 to 157.0m Aphanitic, moderate/ weak stockworking of epidote/calcite, strong silicification, sulphides trace to 1%, patchy hyaloclastic and varolitic fading out 237m, chlorite alteration, From 254 to 266.1m pseudo gabbroic texture with euhedral magnetite phenocrysts peppered throughout. LC is sharp at 80 degrees, bleaches lower contact.</p>					
296.20	298.60	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE</p> <p>Silicified Hyaloclastite Mafics Dark green, vitreous, pseudo breccia textures, large clasts, >3cm, weak foliation at 60 to 70degrees TCA, sporadic qtz veinlet ~12cm with clustered sulphides of 2-3%, clustered sulphides throughout inbetween clasts at 1-2%, LC is sharp 90 degrees. trace veinlets of calcite at ~80 degrees.</p>					
298.60	342.00	<p>VMP, VOLCANIC MASSIVE PILLOWED</p> <p>Pillowed Mafic Volcanics Dark green to black, patchy stornig silification, magnetic , alternating aphanitic and granular, bleached/epidote green salvages, trace vuggy texture, clustered sulphides at 1-2 % in salvages and around qtz, trace to 1% throughout finely disseminated throughout, sporadic calcite and epidote veinlets ranging from 50 to 80 degrees degrees TCA, with sporadic ~1-2cm qtz veinlets running ~80 degrees. LC is sharp at 90 degrees From 334.9 to 335.1m Felsic Porphery Light greenish white pink, euhedral magnetite phenocrysts peppered throughout, UC and LC is sharp at ~90 degrees, sulphides at trace in blebs.</p> <p>MINOR INTERVALS: Minor Interval: 334.90 - 335.10 IPO, FELSIC PORPYRITIC INTRUSIVE See Description</p>	E30712	334.00	334.90	0.90	0.00
			E30713	334.90	335.50	0.60	0.01
			E30714	335.50	336.10	0.60	0.06
			E30715	341.20	342.00	0.80	0.00
342.00	343.60	<p>ZHZ, SHEAR</p> <p>Sheared Pillowed Mafics Green with purple red tinge, strongly magnetic ,strong calcite/qtz veinlets with weak stockworking, sulphides clustered along veinlets, hematized, veining and hematization gradually fading out by the end of unit, Lc is gradual ~90 degrees.</p>	E30716	342.00	342.60	0.60	0.00
			E30717	342.60	343.10	0.50	0.04
			E30718	343.10	343.60	0.50	0.79
343.60	346.90	<p>VMO, MAFIC VOLCANIC UNDIVIDED</p> <p>Undivided Mafic Volcanics Green to light green, granular texture, calcitic veinlets sporatic throughout at 80 to 90 degrees, with patchy vuggy textures, sulphides of trace to 1%, LC is sharp at 90 degrees TCA</p>	E30719	343.60	344.10	0.50	0.02
346.90	351.20	<p>VMH, MAFIC VOLCANIC HYALOCLASTITE</p> <p>Similar textures and qualities as 296.2 to 298.6m Calcitic inbetween pseudo clasts, Starting at 350m to 350.7m strong hematization, foliation at 70 to 80 degrees ,and strong stockworking sulphides at 1-2% then moving to a varolitic texture infilled with sulphides 2-3%, varioles are max size ~1cm, LC is sharp at 80 degrees.</p>	E30721	349.00	349.90	0.90	0.00
			E30722	349.90	350.50	0.60	0.02
			E30723	350.50	351.20	0.70	0.01

DETAILED LOG

Hole Number: **RW17-006**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
351.20	354.00	IPO, FELSIC PORPHYRITIC INTRUSIVE Felsic Porphyry Light greenish white pink, euhedral magnetite and feldspar phenocrysts peppered throughout, patchy weak foliation visible along crystal alignments, sporadic calcite veinlet cutting across 80 degrees TCA vuggy texture occurs with calcite veinlets, LC is sharp at ~90 degrees, sulphides at disseminated 1-2%	E30724	351.20	352.00	0.80	0.00
			E30725	352.00	352.50	0.50	3.11
			E30726	352.50	353.10	0.60	1.53
			E30727	353.10	354.00	0.90	0.09
354.00	362.00	VMO, MAFIC VOLCANIC UNDIVIDED Mafic Undivided Volcanics Green to dark green with speckled rounded black magnetite phenocrysts, where phenocrysts lack aphanitic, magnetic, patchy bleached zones, sporadic qtz veinlets running ~80 degrees, with weak stockworking, sharp LC at ~80 degrees, sulphides at trace to 1%					
362.00	367.40	VMH, MAFIC VOLCANIC HYALOCLASTITE Hyaloclastite Mafic volcanic Dark green, vitreous, pseudo breccia textures, large clasts, >3cm, clustered sulphides throughout inbetween clasts at 1-2%, LC is sharp 90 degrees. trace veinlets of calcite at ~80 degrees. Calcitic inbetween pseudo clasts, LC is sharp at 80 degrees.					
367.40	377.10	VMO, MAFIC VOLCANIC UNDIVIDED Mafic Undivided Volcanics Green to dark green, magnetic, bleached zone from 374.1- 374.6m with 7cm qtz vein with tourmaline fractures sulphides at 1-2% finely disseminated, running ~80 degrees, with weak stockworking, calcite fractures running 50 to 60 degrees, sharp LC at ~80 degrees, overall sulphides at trace to 1%.					
377.10	384.50	VMH, MAFIC VOLCANIC HYALOCLASTITE Similar textures and qualities as 362.0m to 367.4m Sulphides more clustered in calcite fracture fills at 2-3%, LC is gradual as hyaloclastite dies out	E30728	382.70	383.70	1.00	0.00
			E30729	383.70	384.50	0.80	0.01
384.50	387.90	VMO, MAFIC VOLCANIC UNDIVIDED Similar textures and qualities as 367.4 to 377.1m Patchy varioles with infilled sulfides, at 1-2% max sized at 1cm. LC sharp along blocky and broken section moving back into hyaloclastite texture	E30731	384.50	385.70	1.20	0.01
			E30732	385.70	386.80	1.10	0.01
			E30733	386.80	387.90	1.10	0.00
387.90	392.70	VMH, MAFIC VOLCANIC HYALOCLASTITE Similar textures and qualities as 362.0 to 367.4m From 387.9m to 388.1m vuggy with dissolution of calcite, sulphides clustered along calcite stockworking at 1-2%, veinlets of calcite trending at 50 to 60 degrees, hyaloclastite dying down becoming more mafic undivided by 391m. LC sharp along shearing at 60 to 70 degrees	E30734	387.90	388.60	0.70	0.01
			E30735	388.60	389.70	1.10	0.00
			E30736	389.70	390.80	1.10	0.00
			E30737	390.80	392.00	1.20	0.01
			E30738	392.00	392.70	0.70	0.00
392.70	395.50	ZHZ, SHEAR Sheared Undivided Mafics Greenish with reddish blue tinge, calcite throughout (reactive throughout), foliation marked by calcite veinlets trending at 50 to 60 degrees, weak patchy brecciation, patchy hematization, moderate chlorite stockworking, sulphides at 2-3% finely disseminated with small clusters, LC sharp with the onset of pinkish white qtz veinlets at 50 to 60 degrees.	E30739	392.70	393.80	1.10	0.00
			E30741	393.80	394.80	1.00	0.01
			E30742	394.80	395.50	0.70	0.01

DETAILED LOG

Hole Number: **RW17-006**

Units: METRIC

Detailed Lithology		Assay Data					
From	To	Lithology	Sample Number	From	To	Length	Au_gpt_Final
395.50	407.30	VMX, MAFIC BRECCIA Runway Mineralized Zone Greyish red with pinkish white qtz/calcite veinlets, blocky and borken ,clast supported, calcitic throughout, foliation marked my qtz/calcite veinlets trending, strongly silicified zone@ 399.8m to 400.2m, patchy graphite, strong calcite crosss cutting foliation and within clasts, kspar alteration throughout, patchy magnetism(hematite), sulphides at 2-3% finely disseminated, LC is sharp at 50 to 60 degrees.	E30743	395.50	396.30	0.80	0.08
			E30744	396.30	397.00	0.70	0.19
			E30745	397.00	398.00	1.00	0.03
			E30746	398.00	399.00	1.00	0.06
			E30747	399.00	399.50	0.50	0.01
			E30748	399.50	400.20	0.70	0.24
			E30749	400.20	401.20	1.00	0.06
			E30751	401.20	402.00	0.80	0.04
			E30752	402.00	402.80	0.80	0.04
			E30753	402.80	403.80	1.00	0.05
			E30754	403.80	404.30	0.50	0.05
			E30755	404.30	405.00	0.70	0.02
			E30756	405.00	405.70	0.70	0.02
			E30757	405.70	406.70	1.00	0.13
		E30758	406.70	407.30	0.60	0.03	
407.30	424.00	VMP, VOLCANIC MASSIVE PILLOWED Mafic Pillowed Volcanics Dark green to green, pillow salvages have flow breccias with calcite as matrix, with kspar and epidote with patchy vuggy patches, flow breccias die out 411.7m ,aphanitic, pervasivie calcite veinlets trending 60 to 80 degrees with veinlets, sulphides associated with pillow salvages are clustered/blebby at 2-3%, frequency of slavages decreasing from every 50 cm to every 2m moving down the unit.	E30759	407.30	408.00	0.70	0.03
			E30761	408.00	408.70	0.70	0.03
			E30762	408.70	409.70	1.00	0.01
			E30763	409.70	410.70	1.00	0.03
			E30764	410.70	411.70	1.00	0.04
			E30765	411.70	412.20	0.50	0.03
			E30766	412.20	413.00	0.80	0.02
			E30767	413.00	414.00	1.00	0.02
			E30768	414.00	415.00	1.00	0.01
			E30769	415.00	416.00	1.00	0.02
			E30771	416.00	417.00	1.00	0.02
			E30772	417.00	418.20	1.20	0.06
			E30773	418.20	419.30	1.10	0.03
			E30774	419.30	420.10	0.80	0.01
			E30775	420.10	421.00	0.90	0.03
			E30776	421.00	422.00	1.00	0.02
			E30777	422.00	423.00	1.00	0.02
			E30778	423.00	424.00	1.00	0.01

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E30677	24.50	25.00	0.0025
E30678	25.00	26.00	0.0190
E30679	26.00	26.50	0.0220
E30681	26.50	27.50	0.0110

Hole Number: **RW17-006**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E30682	27.50	28.00	0.0070
E30683	36.00	36.90	0.0025
E30684	36.90	37.80	0.0025
E30685	37.80	38.50	0.0070
E30686	56.30	57.00	0.0590
E30687	57.00	57.70	0.0220
E30688	57.70	58.70	0.0080
E30689	58.70	59.20	0.0230
E30691	105.70	106.70	0.0090
E30692	106.70	107.60	0.0100
E30693	107.60	108.20	0.0110
E30694	108.20	109.20	0.0100
E30695	124.10	125.20	0.0070
E30696	125.20	126.20	0.0250
E30697	126.20	126.70	0.2800
E30698	126.70	127.40	0.0370
E30699	127.40	128.00	0.0100
E30701	132.20	132.70	0.0070
E30702	132.70	133.20	0.0280
E30703	133.20	133.90	0.0370
E30704	133.90	134.40	0.0520
E30705	134.40	135.00	0.0120
E30706	135.00	135.70	0.0300
E30707	181.50	182.00	0.0080
E30708	182.00	182.70	0.0070
E30709	182.70	183.20	0.0100
E30711	183.20	183.70	0.0190
E30712	334.00	334.90	0.0025
E30713	334.90	335.50	0.0130
E30714	335.50	336.10	0.0560
E30715	341.20	342.00	0.0025
E30716	342.00	342.60	0.0025
E30717	342.60	343.10	0.0440
E30718	343.10	343.60	0.7930
E30719	343.60	344.10	0.0210
E30721	349.00	349.90	0.0025
E30722	349.90	350.50	0.0200
E30723	350.50	351.20	0.0070
E30724	351.20	352.00	0.0025

Hole Number: **RW17-006**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type ASSAY			
E30725	352.00	352.50	3.1090
E30726	352.50	353.10	1.5260
E30727	353.10	354.00	0.0900
E30728	382.70	383.70	0.0025
E30729	383.70	384.50	0.0080
E30731	384.50	385.70	0.0110
E30732	385.70	386.80	0.0110
E30733	386.80	387.90	0.0025
E30734	387.90	388.60	0.0110
E30735	388.60	389.70	0.0025
E30736	389.70	390.80	0.0025
E30737	390.80	392.00	0.0120
E30738	392.00	392.70	0.0025
E30739	392.70	393.80	0.0025
E30741	393.80	394.80	0.0100
E30742	394.80	395.50	0.0050
E30743	395.50	396.30	0.0800
E30744	396.30	397.00	0.1870
E30745	397.00	398.00	0.0320
E30746	398.00	399.00	0.0590
E30747	399.00	399.50	0.0080
E30748	399.50	400.20	0.2370
E30749	400.20	401.20	0.0560
E30751	401.20	402.00	0.0360
E30752	402.00	402.80	0.0350
E30753	402.80	403.80	0.0500
E30754	403.80	404.30	0.0480
E30755	404.30	405.00	0.0150
E30756	405.00	405.70	0.0180
E30757	405.70	406.70	0.1260
E30758	406.70	407.30	0.0290
E30759	407.30	408.00	0.0270
E30761	408.00	408.70	0.0290
E30762	408.70	409.70	0.0110
E30763	409.70	410.70	0.0310
E30764	410.70	411.70	0.0380
E30765	411.70	412.20	0.0310
E30766	412.20	413.00	0.0150
E30767	413.00	414.00	0.0180

Hole Number: **RW17-006**

Units: METRIC

Samples

Sample Number	From	To	Au_gpt_Final
Sample Type	ASSAY		
E30768	414.00	415.00	0.0140
E30769	415.00	416.00	0.0190
E30771	416.00	417.00	0.0190
E30772	417.00	418.20	0.0560
E30773	418.20	419.30	0.0250
E30774	419.30	420.10	0.0120
E30775	420.10	421.00	0.0290
E30776	421.00	422.00	0.0190
E30777	422.00	423.00	0.0190
E30778	423.00	424.00	0.0130



Appendix 4

Assay Certificates

***** Certificate of analysis *****

Laboratoire Expert Inc.

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Date : 2017/10/27

Page : 1 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700201
Addressee : REGIONAL EXPLORATION	Folder : 49826
	Your order number : 4500055071
	Project : RUN WAY
Total number of samples : 32	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
E28315	<0.005	0.005		
E28316	0.013			
E28317	0.031			
SE86-01	0.588			
E28318	0.006			
E28319	0.016			
E28320	0.868			
E28321	0.054			
E28322	0.010			
E28323	0.038			
E28324	0.053			
E28325	0.930			
E28326	0.468			
E28327	8.356	8.471		
E28328	3.678			
E28329	1.045			
E28330	<0.005			
E28331	0.265			
E28332	0.081			
E28333	0.891			



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Page : 2 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700201
Addressee : REGIONAL EXPLORATION	Folder : 49826
	Your order number : 4500055071
	Project : RUN WAY
Total number of samples : 32	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
E28334	0.327			
E28335	0.226			
E28336	8.169			
E28337	2.634			
E28338	0.733			
E28339	0.854	0.864		
E28340	----- >DL		10.11	10.80
E28341	0.965			
Blk-01	<0.005			
E28342	0.047			
E28343	0.064			
E28344	0.007			
SG84-01	1.018			
E28345	0.031			
E28346	0.284			

>DL Value greater than detection limit

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Page : 1 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700301
Addressee : REGIONAL EXPLORATION	Folder : 49862
	Your order number : 4500055071
	Project : RUNWAY
Total number of samples : 34	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
E28493	<0.005	0.005		
E28494	0.009			
Blk-01	<0.005			
E28495	0.141			
E28496	0.033			
E28497	0.009			
SE86-01	0.605			
E28498	0.008			
E28499	0.005			
E28500	2.252			
E28501	0.019			
E28502	0.015			
E28503	<0.005			
E28504	0.181			
E28505	0.076	0.076		
E28506	0.502			
E28507	4.010			
E28508	----- >DL		12.86	11.76
E28509	0.592			
E28510	<0.005			

>DL Value greater than detection limit



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Page : 2 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700301
Addressee : REGIONAL EXPLORATION	Folder : 49862
	Your order number : 4500055071
	Project : RUNWAY
Total number of samples : 34	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005	Au FA-GRAV g/t 0.03	Au-Dup FA-GRAV g/t 0.03
E28511	2.163			
E28512	----- >DL		22.46	22.22
E28513	0.293			
E28514	0.336			
E28515	0.069			
E28516	0.246			
E28517	0.168	0.167		
E28518	0.251			
E28519	0.045			
E28520	0.344			
E28521	<0.005			
Blk-02	<0.005			
E28522	0.052			
E28523	0.046			
E28524	0.037			
SG84-01	1.022			
E28525	0.019			
E28526	0.171			

>DL Value greater than detection limit

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Page : 1 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700101
Addressee : REGIONAL EXPLORATION	Folder : 49884
	Your order number : 4500055071
	Project : RUNWAY
Total number of samples : 23	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28655	<0.005	<0.005
SE86-01	0.593	
E28656	0.054	
E28657	0.019	
E28658	0.015	
E28659	0.615	
E28660	0.862	
E28661	0.412	
E28662	0.481	
E28663	0.369	
E28664	1.241	
E28665	7.191	
E28666	1.728	
E28667	0.420	0.434
E28668	0.261	
E28669	0.636	
E28670	<0.005	
E28671	2.024	
E28672	7.688	
E28673	0.151	



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Page : 2 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700101
Addressee : REGIONAL EXPLORATION	Folder : 49884
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 23

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28674	0.295	
E28675	0.607	
E28676	0.056	
E28677	0.021	

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Page : 1 of 1

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700401
Addressee : REGIONAL EXPLORATION	Folder : 49885
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 10

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28541	<0.005	<0.005
E28542	<0.005	
E28543	0.027	
SG84-01	1.022	
E28544	<0.005	
E28545	0.005	
E28546	0.019	
E28547	<0.005	
E28548	<0.005	
E28549	<0.005	
E28550	<0.005	



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Page : 1 of 3

Client : Kirkland Lake Gold/ Holt Exploration Project	GC1700202
Addressee : REGIONAL EXPLORATION	Folder : 49994
	Your order number : 4500055071
	Project : GARRISON CREEK
	Total number of samples : 48

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28261	0.014	0.012
E28262	0.006	
E28263	0.006	
E28264	0.005	
E28265	<0.005	
E28266	0.012	
E28267	<0.005	
E28268	0.009	
E28269	0.006	
E28270	<0.005	
E28271	3.221	
Blk-01	<0.005	
E28272	0.012	
E28273	0.023	0.021
E28274	0.010	
SG84-01	1.019	
E28275	0.010	
E28276	<0.005	
E28277	0.007	
E28278	0.007	

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Page : 2 of 3

Client : Kirkland Lake Gold/ Holt Exploration Project	GC1700202
Addressee : REGIONAL EXPLORATION	Folder : 49994
	Your order number : 4500055071
	Project : GARRISON CREEK
Total number of samples : 48	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28279	0.005	
E28280	0.336	
E28281	0.007	
E28282	0.010	
E28283	<0.005	
E28284	0.013	
E28285	0.013	0.012
E28286	0.006	
E28287	<0.005	
E28288	0.014	
E28289	<0.005	
E28290	<0.005	
E28291	0.047	
E28292	0.038	
E28293	<0.005	
E28294	<0.005	
E28295	0.008	
E28296	0.686	
E28297	<0.005	<0.005
E28298	<0.005	

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Date : 2017/11/15

Page : 3 of 3

Client : Kirkland Lake Gold/ Holt Exploration Project	GC1700202
Addressee : REGIONAL EXPLORATION	Folder : 49994
	Your order number : 4500055071
	Project : GARRISON CREEK
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
Blk-02	<0.005	
E28299	0.009	
E28300	0.866	
E28301	<0.005	
SE86-01	0.600	
E28302	<0.005	
E28303	<0.005	
E28304	<0.005	
E28305	<0.005	
E28306	<0.005	
E28307	0.160	
E28308	<0.005	

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Page : 1 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700501
Addressee : REGIONAL EXPLORATION	Folder : 50020
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 30

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28871	0.007	0.006
Blk-01	<0.005	
E28872	<0.005	
E28873	<0.005	
E28874	0.023	
SE86-01	0.593	
E28875	0.022	
E28876	0.018	
E28877	0.018	
E28878	3.159	
E28879	6.935	
E28880	2.237	
E28881	0.445	
E28882	0.028	
E28883	0.145	0.153
E28884	0.660	
E28885	0.050	
E28886	0.026	
E28887	<0.005	
E28888	0.046	



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Page : 2 of 2

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700501
Addressee : REGIONAL EXPLORATION	Folder : 50020
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 30

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28889	0.006	
E28890	<0.005	
E28891	0.005	
E28892	0.012	
E28893	0.130	
E28894	0.358	
E28895	0.439	0.431
E28896	0.591	
E28897	1.232	
E28898	0.027	
E28899	0.139	
E28900	0.340	

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Date : 2017/11/15

Page : 1 of 1

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700102
Addressee : REGIONAL EXPLORATION	Folder : 50021
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 11

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005	Au FA-GRAV g/t 0.03
E28791	<0.005	<0.005	
E28792	<0.005		
E28793	0.386		
E28794	0.258		
E28795	<0.005		
E28796	<0.005		
E28797	----- >DL		11.38
E28798	<0.005		
E28799	0.164		
E28800	0.336		
E28801	1.392		

>DL Value greater than detection limit

Joe Landers, Manager

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Page : 1 of 3

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700402
Addressee : REGIONAL EXPLORATION	Folder : 50032
	Your order number : 4500055071
	Project : RUNWAY
Total number of samples : 48	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28551	0.017	0.014
E28552	<0.005	
E28553	0.036	
E28554	0.020	
E28555	<0.005	
E28556	<0.005	
E28557	<0.005	
E28558	<0.005	
E28559	0.006	
E28560	2.202	
E28561	<0.005	
SG84-01	1.023	
E28562	<0.005	
E28563	<0.005	<0.005
E28564	0.008	
E28565	<0.005	
E28566	<0.005	
E28567	0.048	
E28568	<0.005	
E28569	<0.005	



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Date : 2017/11/17

Page : 2 of 3

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700402
Addressee : REGIONAL EXPLORATION	Folder : 50032
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28570	<0.005	
E28571	<0.005	
E28572	<0.005	
E28573	<0.005	
E28574	<0.005	
E28575	0.012	0.015
E28576	0.009	
E28577	0.008	
E28578	0.007	
E28579	0.009	
E28580	2.231	
E28581	0.094	
E28582	0.050	
E28583	0.021	
E28584	0.016	
E28585	0.010	
Blk-01	<0.005	
E28586	<0.005	
E28587	0.006	0.007
E28588	0.009	

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Date : 2017/11/17

Page : 3 of 3

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700402
Addressee : REGIONAL EXPLORATION	Folder : 50032
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
SE86-01	0.593	
E28589	0.010	
E28590	<0.005	
E28591	0.015	
E28592	0.010	
E28593	<0.005	
E28594	0.007	
E28595	0.014	
E28596	0.007	
E28597	<0.005	
E28598	0.007	

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Date : 2017/11/20

Page : 1 of 3

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700203
Addressee : REGIONAL EXPLORATION	Folder : 50033
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28309	0.007	0.008
E28310	<0.005	
E28311	0.008	
E28312	0.013	
E28313	0.007	
E28314	0.014	
E28347	0.013	
E28348	0.009	
E28349	0.034	
E28350	<0.005	
Blk-01	<0.005	
E28351	0.011	
E28352	0.006	
E28353	0.017	0.014
SG84-01	1.028	
E28354	0.026	
E28355	0.025	
E28356	0.007	
E28357	0.016	
E28358	0.008	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700203
Addressee : REGIONAL EXPLORATION	Folder : 50033
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28359	0.022	
E28360	2.195	
E28361	0.008	
E28362	0.043	
E28363	2.292	
E28364	0.034	
E28365	0.064	0.067
E28366	0.061	
E28367	0.051	
E28368	2.312	
E28369	0.072	
E28370	<0.005	
E28371	0.006	
E28372	0.006	
E28373	<0.005	
E28374	<0.005	
E28375	0.005	
E28376	0.011	
E28377	<0.005	<0.005
Blk-02	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700203
Addressee : REGIONAL EXPLORATION	Folder : 50033
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28378	0.006	
E28379	<0.005	
E28380	0.011	
SE86-01	0.590	
E28381	<0.005	
E28382	0.346	
E28383	0.014	
E28384	<0.005	
E28385	<0.005	
E28386	<0.005	
E28387	0.014	
E28388	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700302
Addressee : REGIONAL EXPLORATION	Folder : 50034
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28389	0.029	0.029
E28390	<0.005	
E28391	0.007	
E28392	0.172	
E28393	0.009	
E28394	0.006	
E28395	0.006	
E28396	0.030	
E28397	0.011	
E28398	0.007	
E28399	0.009	
E28400	0.886	
Blk-01	<0.005	
E28401	<0.005	<0.005
E28402	<0.005	
E28403	<0.005	
SG84-01	1.020	
E28404	0.028	
E28405	0.009	
E28406	0.025	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700302
Addressee : REGIONAL EXPLORATION	Folder : 50034
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28407	0.026	
E28408	<0.005	
E28409	0.007	
E28410	<0.005	
E28411	0.018	
E28412	0.005	
E28413	<0.005	<0.005
E28414	0.005	
E28415	0.009	
E28416	<0.005	
E28417	0.013	
E28418	<0.005	
E28419	<0.005	
E28420	2.214	
E28421	<0.005	
E28422	<0.005	
E28423	0.413	
E28424	<0.005	
E28425	0.019	0.020
E28426	0.006	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700302
Addressee : REGIONAL EXPLORATION	Folder : 50034
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28427	<0.005	
Blk-02	<0.005	
E28428	<0.005	
E28429	<0.005	
E28430	<0.005	
SE86-01	0.591	
E28431	<0.005	
E28432	0.575	
E28433	0.011	
E28434	0.970	
E28435	0.304	
E28436	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700303
Addressee : REGIONAL EXPLORATION	Folder : 50035
	Your order number : RUNWAY
	Project : NONE
	Total number of samples : 48

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28437	0.006	<0.005
E28438	0.010	
E28439	0.014	
E28440	0.877	
E28441	0.008	
E28442	0.008	
E28443	0.050	
E28444	<0.005	
E28445	<0.005	
E28446	<0.005	
E28447	<0.005	
E28448	0.011	
E28449	<0.005	<0.005
E28450	<0.005	
Blk-01	<0.005	
E28451	<0.005	
E28452	<0.005	
E28453	<0.005	
SG84-01	1.033	
E28454	0.064	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700303
Addressee : REGIONAL EXPLORATION	Folder : 50035
	Your order number : RUNWAY
	Project : NONE
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28455	<0.005	
E28456	0.007	
E28457	0.010	
E28458	0.022	
E28459	0.271	
E28460	0.336	
E28461	<0.005	<0.005
E28462	0.008	
E28463	<0.005	
E28464	0.006	
E28465	<0.005	
E28466	<0.005	
E28467	0.006	
E28468	<0.005	
E28469	0.013	
E28470	<0.005	
E28471	0.005	
E28472	<0.005	
E28473	<0.005	<0.005
E28474	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700303
Addressee : REGIONAL EXPLORATION	Folder : 50035
	Your order number : RUNWAY
	Project : NONE
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28475	<0.005	
E28476	<0.005	
E28477	<0.005	
Blk-02	<0.005	
E28478	<0.005	
E28479	<0.005	
E28480	0.883	
SE86-01	0.590	
E28481	0.006	
E28482	0.011	
E28483	<0.005	
E28484	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700304
Addressee : REGIONAL EXPLORATION	Folder : 50036
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 22

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28485	0.006	0.005
E28486	0.005	
E28487	0.015	
E28488	<0.005	
E28489	<0.005	
E28490	<0.005	
E28491	0.122	
E28492	0.005	
E28527	0.005	
E28528	<0.005	
E28529	0.025	
E28530	<0.005	
E28531	0.070	0.074
E28532	0.070	
E28533	0.189	
E28534	0.145	
Blk-01	<0.005	
E28535	0.027	
E28536	0.005	
E28537	0.018	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700304
Addressee : REGIONAL EXPLORATION	Folder : 50036
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 22

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
SG84-01	1.024	
E28538	0.019	
E28539	0.010	
E28540	0.881	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700104
Addressee : REGIONAL EXPLORATION	Folder : 50208
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28714	<0.005	<0.005
E28715	0.022	
E28716	<0.005	
E28717	0.049	
E28718	0.033	
E28719	0.021	
E28720	0.877	
E28721	<0.005	
E28722	<0.005	
E28723	<0.005	
E28724	0.014	
E28725	<0.005	
E28726	<0.005	<0.005
E28727	<0.005	
E28728	<0.005	
E28729	<0.005	
E28730	<0.005	
E28731	<0.005	
E28732	<0.005	
E28733	<0.005	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700104
Addressee : REGIONAL EXPLORATION	Folder : 50208
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28734	<0.005	
E28735	<0.005	
Blk-01	<0.005	
E28736	0.152	
E28737	<0.005	
E28738	0.095	0.094
SG84-01	1.017	
E28739	0.010	
E28740	2.222	
E28741	<0.005	
E28742	0.006	
E28743	<0.005	
E28744	<0.005	
E28745	<0.005	
E28746	<0.005	
E28747	<0.005	
E28748	<0.005	
E28749	<0.005	
E28750	<0.005	<0.005
E28751	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700104
Addressee : REGIONAL EXPLORATION	Folder : 50208
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28752	<0.005	
E28753	0.019	
E28754	<0.005	
E28755	<0.005	
E28756	0.041	
E28757	0.010	
E28758	<0.005	
E28759	<0.005	
E28760	0.880	
E28761	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700103
Addressee : REGIONAL EXPLORATION	Folder : 50209
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28643	<0.005	<0.005
E28644	0.043	
E28645	0.019	
E28646	<0.005	
E28647	0.019	
E28648	0.015	
E28649	<0.005	
E28650	<0.005	
E28651	<0.005	
E28652	<0.005	
E28653	<0.005	
E28654	<0.005	
E28678	0.143	0.148
E28679	0.019	
E28680	2.233	
E28681	0.037	
E28682	0.079	
E28683	0.485	
E28684	0.006	
E28685	0.024	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700103
Addressee : REGIONAL EXPLORATION	Folder : 50209
	Your order number : 4500055071
	Project : RUNWAY
Total number of samples : 48	

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28686	<0.005	
E28687	<0.005	
E28688	<0.005	
E28689	0.125	
Blk-01	<0.005	
E28690	<0.005	<0.005
E28691	<0.005	
E28692	<0.005	
SG84-01	1.031	
E28693	<0.005	
E28694	<0.005	
E28695	<0.005	
E28696	<0.005	
E28697	0.010	
E28698	<0.005	
E28699	0.005	
E28700	0.341	
E28701	<0.005	
E28702	<0.005	<0.005
E28703	0.017	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700103
Addressee : REGIONAL EXPLORATION	Folder : 50209
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28704	<0.005	
E28705	<0.005	
E28706	<0.005	
E28707	<0.005	
E28708	<0.005	
E28709	<0.005	
E28710	<0.005	
E28711	0.009	
E28712	0.016	
E28713	0.014	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700502
Addressee : REGIONAL EXPLORATION	Folder : 50210
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 37

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28901	0.015	0.019
E28902	<0.005	
SE86-01	0.590	
E28903	<0.005	
E28904	0.006	
E28905	0.025	
E28906	<0.005	
E28907	<0.005	
Blk-01	<0.005	
E28908	0.748	
E28909	<0.005	
E28910	<0.005	
SG84-01	1.021	
E28911	<0.005	
E28912	<0.005	
E28913	<0.005	<0.005
E28914	<0.005	
E28915	<0.005	
E28916	<0.005	
E28917	<0.005	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700502
Addressee : REGIONAL EXPLORATION	Folder : 50210
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 37

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28918	<0.005	
E28919	<0.005	
E28920	0.872	
E28921	<0.005	
E28922	<0.005	
E28923	<0.005	
E28924	<0.005	
E28925	0.025	0.027
E28926	0.005	
E28927	<0.005	
E28928	<0.005	
E28929	<0.005	
E28930	<0.005	
E28931	<0.005	
E28932	<0.005	
E28933	<0.005	
E28934	<0.005	
Blk-03	<0.005	
E28935	<0.005	
E28936	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700502
Addressee : REGIONAL EXPLORATION	Folder : 50210
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 37

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28937	<0.005	<0.005
SE86-02	0.600	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700403
Addressee : REGIONAL EXPLORATION	Folder : 50211
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 44

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28599	<0.005	<0.005
E28600	0.880	
E28601	<0.005	
E28602	<0.005	
E28603	<0.005	
E28604	0.091	
E28605	<0.005	
E28606	<0.005	
E28607	0.011	
E28608	<0.005	
E28609	1.627	
E28610	<0.005	
E28611	9.916	9.671
E28612	6.275	
E28613	0.626	
E28614	2.193	
E28615	0.056	
E28616	2.626	
E28617	0.091	
E28618	0.217	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700403
Addressee : REGIONAL EXPLORATION	Folder : 50211
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 44

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
Blk-01	<0.005	
E28619	<0.005	
E28620	0.338	
E28621	<0.005	
SG84-01	1.018	
E28622	0.009	
E28623	<0.005	0.006
E28624	<0.005	
E28625	<0.005	
E28626	1.472	
E28627	0.076	
E28628	<0.005	
E28629	0.031	
E28630	<0.005	
E28631	0.060	
E28632	3.467	
E28633	1.000	
E28634	0.403	
E28635	<0.005	<0.005
E28636	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700403
Addressee : REGIONAL EXPLORATION	Folder : 50211
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 44

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28637	<0.005	
E28638	0.010	
E28639	0.480	
E28640	2.202	
E28641	<0.005	
E28642	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700105
Addressee : REGIONAL EXPLORATION	Folder : 50214
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28762	<0.005	<0.005
Blk-01	<0.005	
E28763	<0.005	
E28764	<0.005	
E28765	<0.005	
SE86-01	0.591	
E28766	0.013	
E28767	<0.005	
E28768	<0.005	
E28769	<0.005	
E28770	<0.005	
E28771	<0.005	
E28772	<0.005	
E28773	<0.005	
E28774	0.019	0.017
E28775	<0.005	
E28776	<0.005	
E28777	<0.005	
E28778	<0.005	
E28779	<0.005	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700105
Addressee : REGIONAL EXPLORATION	Folder : 50214
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28780	2.168	
E28781	<0.005	
E28782	<0.005	
E28783	0.008	
E28784	<0.005	
E28785	<0.005	
E28786	<0.005	<0.005
E28787	0.010	
E28788	1.517	
E28789	<0.005	
Blk-02	<0.005	
E28790	<0.005	
E28802	<0.005	
E28803	<0.005	
SG84-01	1.031	
E28804	0.166	
E28805	0.020	
E28806	0.020	
E28807	<0.005	
E28808	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700105
Addressee : REGIONAL EXPLORATION	Folder : 50214
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28809	0.119	0.111
E28810	<0.005	
E28811	<0.005	
E28812	<0.005	
E28813	<0.005	
E28814	<0.005	
E28815	<0.005	
E28816	<0.005	
E28817	<0.005	
E28818	<0.005	
E28819	1.145	
E28820	0.874	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700107
Addressee : REGIONAL EXPLORATION	Folder : 50215
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 2

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28869	<0.005	<0.005
E28870	<0.005	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700106
Addressee : REGIONAL EXPLORATION	Folder : 50216
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	<u>Au FA-AA ppm 0.005</u>	<u>Au-Dup FA-AA ppm 0.005</u>
E28821	<0.005	<0.005
E28822	<0.005	
E28823	0.020	
SE86-01	0.598	
E28824	<0.005	
E28825	<0.005	
E28826	<0.005	
E28827	7.278	
E28828	1.028	
E28829	<0.005	
E28830	<0.005	
E28831	<0.005	
E28832	0.056	
E28833	<0.005	<0.005
E28834	<0.005	
E28835	<0.005	
E28836	<0.005	
E28837	<0.005	
E28838	<0.005	
E28839	<0.005	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700106
Addressee : REGIONAL EXPLORATION	Folder : 50216
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28840	2.261	
E28841	<0.005	
E28842	<0.005	
E28843	<0.005	
E28844	<0.005	
E28845	<0.005	<0.005
E28846	0.025	
E28847	<0.005	
Blk-01	<0.005	
E28848	<0.005	
E28849	<0.005	
E28850	<0.005	
SG84-01	1.020	
E28851	0.072	
E28852	<0.005	
E28853	<0.005	
E28854	0.022	
E28855	<0.005	
E28856	<0.005	
E28857	<0.005	<0.005

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700106
Addressee : REGIONAL EXPLORATION	Folder : 50216
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E28858	<0.005	
E28859	<0.005	
E28860	0.866	
E28861	<0.005	
E28862	<0.005	
E28863	<0.005	
E28864	<0.005	
E28865	<0.005	
E28866	<0.005	
E28867	<0.005	
E28868	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700601
Addressee : REGIONAL EXPLORATION	Folder : 50270
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30728	<0.005	0.005
E30729	0.008	
E30730	2.261	
E30731	0.011	
E30732	0.011	
E30733	<0.005	
E30734	0.011	
E30735	<0.005	
E30736	<0.005	
E30737	0.012	
E30738	<0.005	
E30739	<0.005	
E30740	<0.005	<0.005
E30741	0.010	
E30742	0.005	
E30743	0.080	
E30744	0.187	
E30745	0.032	
E30746	0.059	
E30747	0.008	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700601
Addressee : REGIONAL EXPLORATION	Folder : 50270
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30748	0.237	
E30749	0.056	
E30750	0.870	
E30751	0.036	
Blk-01	<0.005	
E30752	0.035	0.031
E30753	0.050	
E30754	0.048	
SG84-01	1.026	
E30755	0.015	
E30756	0.018	
E30757	0.126	
E30758	0.029	
E30759	0.027	
E30760	<0.005	
E30761	0.029	
E30762	0.011	
E30763	0.031	
E30764	0.038	0.032
E30765	0.031	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700601
Addressee : REGIONAL EXPLORATION	Folder : 50270
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30766	0.015	
E30767	0.018	
E30768	0.014	
E30769	0.019	
E30770	1.534	
E30771	0.019	
E30772	0.056	
E30773	0.025	
E30774	0.012	
E30775	0.029	

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Page : 1 of 1

Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700602
Addressee : REGIONAL EXPLORATION	Folder : 50271
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 3

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30776	0.019	0.016
E30777	0.019	
SE86-01	0.601	
E30778	0.013	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700501
Addressee : REGIONAL EXPLORATION	Folder : 50335
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30834	0.009	0.006
Blk-01	<0.005	
E30835	<0.005	
E30836	0.008	
E30837	<0.005	
SE86-01	0.594	
E30838	0.006	
E30839	0.009	
E30840	<0.005	
E30841	<0.005	
E30842	0.007	
E30843	0.007	
E30844	0.005	
E30845	0.123	
E30846	0.026	0.024
E30847	0.120	
E30848	0.086	
E30849	0.013	
E30850	0.088	
E30851	0.211	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700501
Addressee : REGIONAL EXPLORATION	Folder : 50335
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30852	0.112	
E30853	0.112	
E30854	0.007	
E30855	0.019	
E30856	<0.005	
E30857	<0.005	
E30858	<0.005	<0.005
E30859	0.008	
E30860	<0.005	
E30861	0.013	
Blk-02	<0.005	
E30862	0.009	
E30863	0.012	
E30864	0.027	
SG84-01	1.021	
E30865	<0.005	
E30866	<0.005	
E30867	0.007	
E30868	0.010	
E30869	0.010	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700501
Addressee : REGIONAL EXPLORATION	Folder : 50335
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30870	2.218	2.218
E30871	<0.005	
E30872	<0.005	
E30873	<0.005	
E30874	<0.005	
E30875	<0.005	
E30876	<0.005	
E30877	<0.005	
E30878	0.005	
E30879	0.007	
E30880	<0.005	
E30881	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700604
Addressee : REGIONAL EXPLORATION	Folder : 50470
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 3

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30725	3.109	3.265
E30726	1.526	
E30727	0.090	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700503
Addressee : REGIONAL EXPLORATION	Folder : 50471
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 7

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30827	0.030	0.027
E30828	0.118	
E30829	0.790	
E30830	0.338	
E30831	0.058	
E30832	0.011	
E30833	0.016	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700603
Addressee : REGIONAL EXPLORATION	Folder : 50472
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30677	<0.005	<0.005
E30678	0.019	
SE86-01	0.593	
E30679	0.022	
E30680	<0.005	
E30681	0.011	
E30682	0.007	
E30683	<0.005	
E30684	<0.005	
E30685	0.007	
E30686	0.059	
E30687	0.022	
E30688	0.008	
E30689	0.023	0.018
E30690	0.868	
E30691	0.009	
E30692	0.010	
E30693	0.011	
E30694	0.010	
E30695	0.007	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700603
Addressee : REGIONAL EXPLORATION	Folder : 50472
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30696	0.025	
E30697	0.280	
E30698	0.037	
E30699	0.010	
E30700	<0.005	
E30701	0.007	0.005
E30702	0.028	
Blk-01	<0.005	
E30703	0.037	
E30704	0.052	
E30705	0.012	
SG84-01	1.033	
E30706	0.030	
E30707	0.008	
E30708	0.007	
E30709	0.010	
E30710	0.866	
E30711	0.019	
E30712	<0.005	
E30713	0.013	0.012

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700603
Addressee : REGIONAL EXPLORATION	Folder : 50472
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30714	0.056	
E30715	<0.005	
E30716	<0.005	
E30717	0.044	
E30718	0.793	
E30719	0.021	
E30720	<0.005	
E30721	<0.005	
E30722	0.020	
E30723	0.007	
E30724	<0.005	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700502
Addressee : REGIONAL EXPLORATION	Folder : 50473
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30779	<0.005	<0.005
Blk-01	<0.005	
E30780	<0.005	
E30781	<0.005	
E30782	0.026	
SE86-01	0.587	
E30783	0.022	
E30784	0.175	
E30785	0.013	
E30786	<0.005	
E30787	<0.005	
E30788	<0.005	
E30789	<0.005	
E30790	0.852	
E30791	<0.005	<0.005
E30792	<0.005	
E30793	<0.005	
E30794	<0.005	
E30795	<0.005	
E30796	<0.005	



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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700502
Addressee : REGIONAL EXPLORATION	Folder : 50473
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30797	<0.005	
E30798	0.524	
E30799	0.098	
E30800	<0.005	
E30801	0.005	
E30802	<0.005	
E30803	<0.005	<0.005
E30804	<0.005	
E30805	<0.005	
E30806	0.038	
Blk-02	<0.005	
E30807	0.056	
E30808	0.018	
E30809	<0.005	
SG84-01	1.022	
E30810	0.874	
E30811	0.110	
E30812	<0.005	
E30813	<0.005	
E30814	0.137	

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Client : Kirkland Lake Gold/ Holt Exploration Project	RW1700502
Addressee : REGIONAL EXPLORATION	Folder : 50473
	Your order number : 4500055071
	Project : RUNWAY
	Total number of samples : 48

<u>Designation</u>	Au FA-AA ppm 0.005	Au-Dup FA-AA ppm 0.005
E30815	<0.005	<0.005
E30816	0.006	
E30817	<0.005	
E30818	<0.005	
E30819	<0.005	
E30820	<0.005	
E30821	0.008	
E30822	<0.005	
E30823	<0.005	
E30824	<0.005	
E30825	<0.005	
E30826	<0.005	



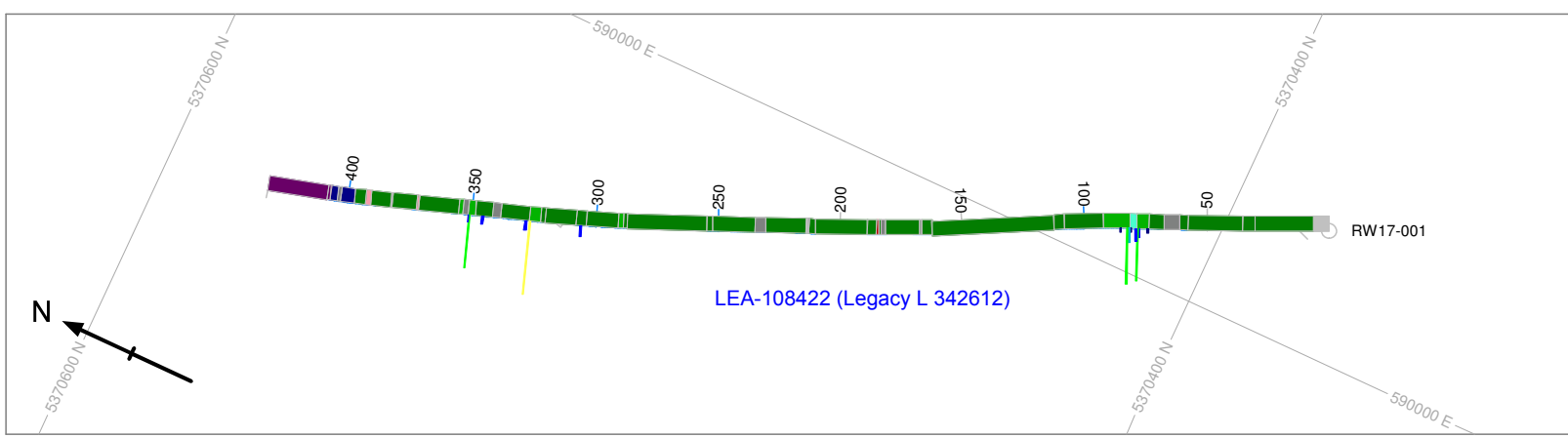
Appendix 5

Drill Hole Sections

Table 3

LITHOLOGICAL LEGEND

COLOUR	ROCK CODE	DESCRIPTION
	HPO	OVERBURDEN
	AHM	HEMATITE ALTERED
	BLL	BIOTITIC LAMPROPHYRE
	IPF	FELDSPAR PORPHYRY
	IPO	FELSIC PORPHYRITIC INTRUSIVE
	ISP	PORPHYRITIC SYENITE
	LDO	DIABASE
	LLO	LAMPROPHYRE
	QBX	QUARTZ BRECCIA
	VGO	GABBRO
	VMH	MAFIC VOLCANIC HYALOCLASTITE
	VMM	MAFIC VOLCANIC MASSIVE
	VMO	MAFIC VOLCANIC UNDIVIDED
	VMP	VOLCANIC MASSIVE PILLOWED
	VMV	MAFIC VOLCANIC VARIOLITIC
	VMX	MAFIC BRECCIA
	ZBX	FAULT BRECCIA
	ZFO	FAULT
	ZFZ	FAULT ZONE
	ZGO	GOUGE
	ZHZ	SHEAR

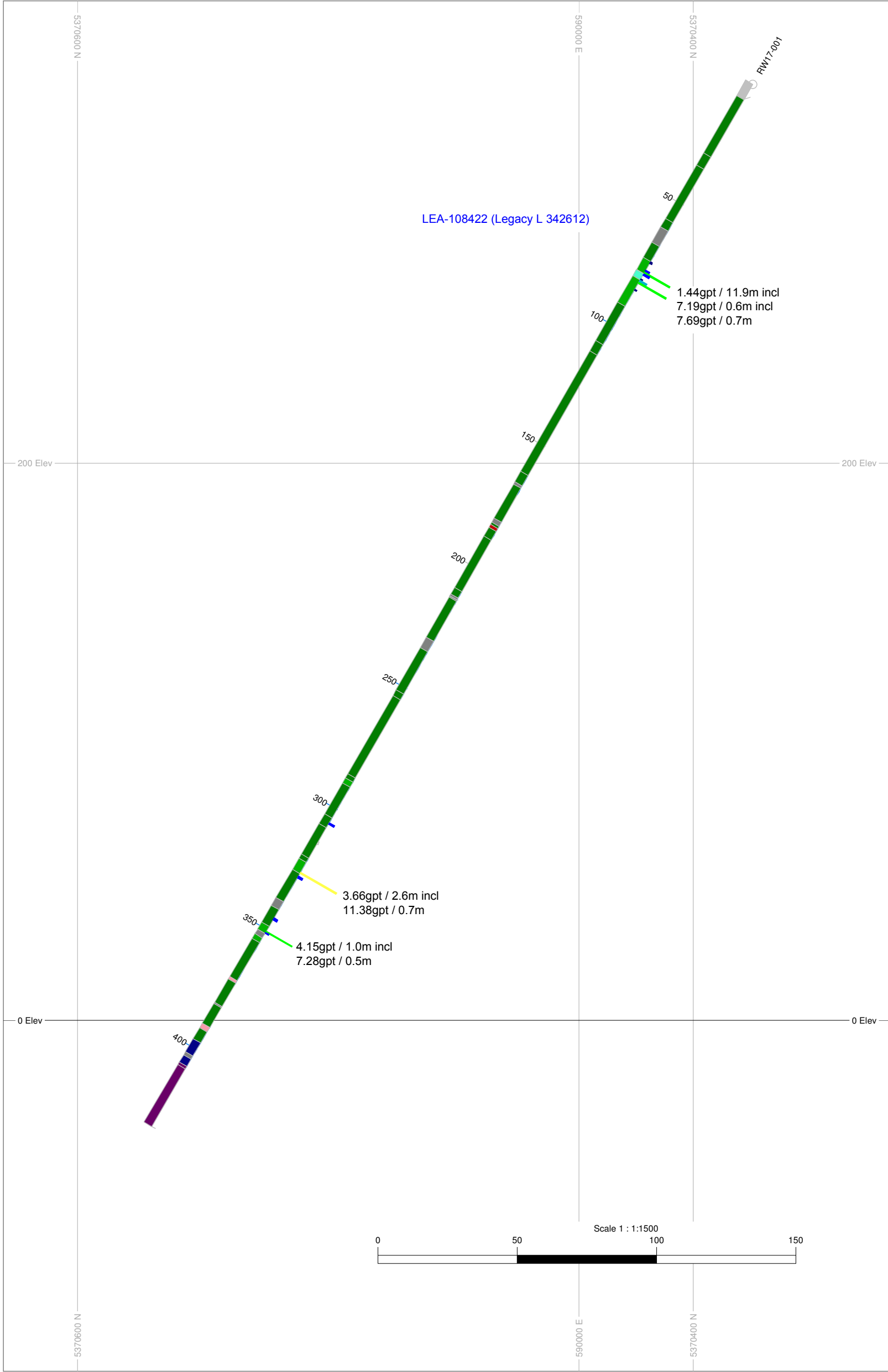


ROCK CODES

- [HPO]
- [AHM]
- [BLL]
- [IPF]
- [IPO]
- [ISP]
- [LDO]
- [LLO]
- [QBX]
- [VGO]
- [VMH]
- [VMM]
- [VMO]
- [VMP]
- [VMV]
- [VMX]
- [ZBX]
- [ZFO]
- [ZFZ]
- [ZGO]
- [ZHZ]

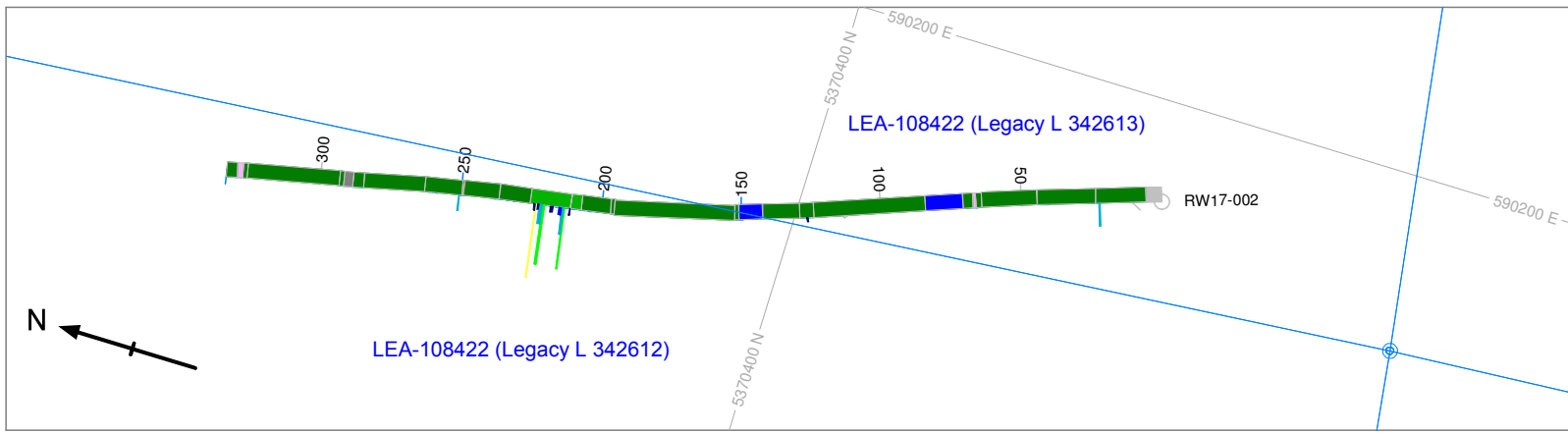
GOLD GRADE (gpt)

- 0 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- 10 - 15
- >15



RW17-001		
Scale 1:1500	Date: 26 Sep 2019	Au Scale : 1mm=1gpt
Azimuth 335°	Dip -60°	EOH 432m



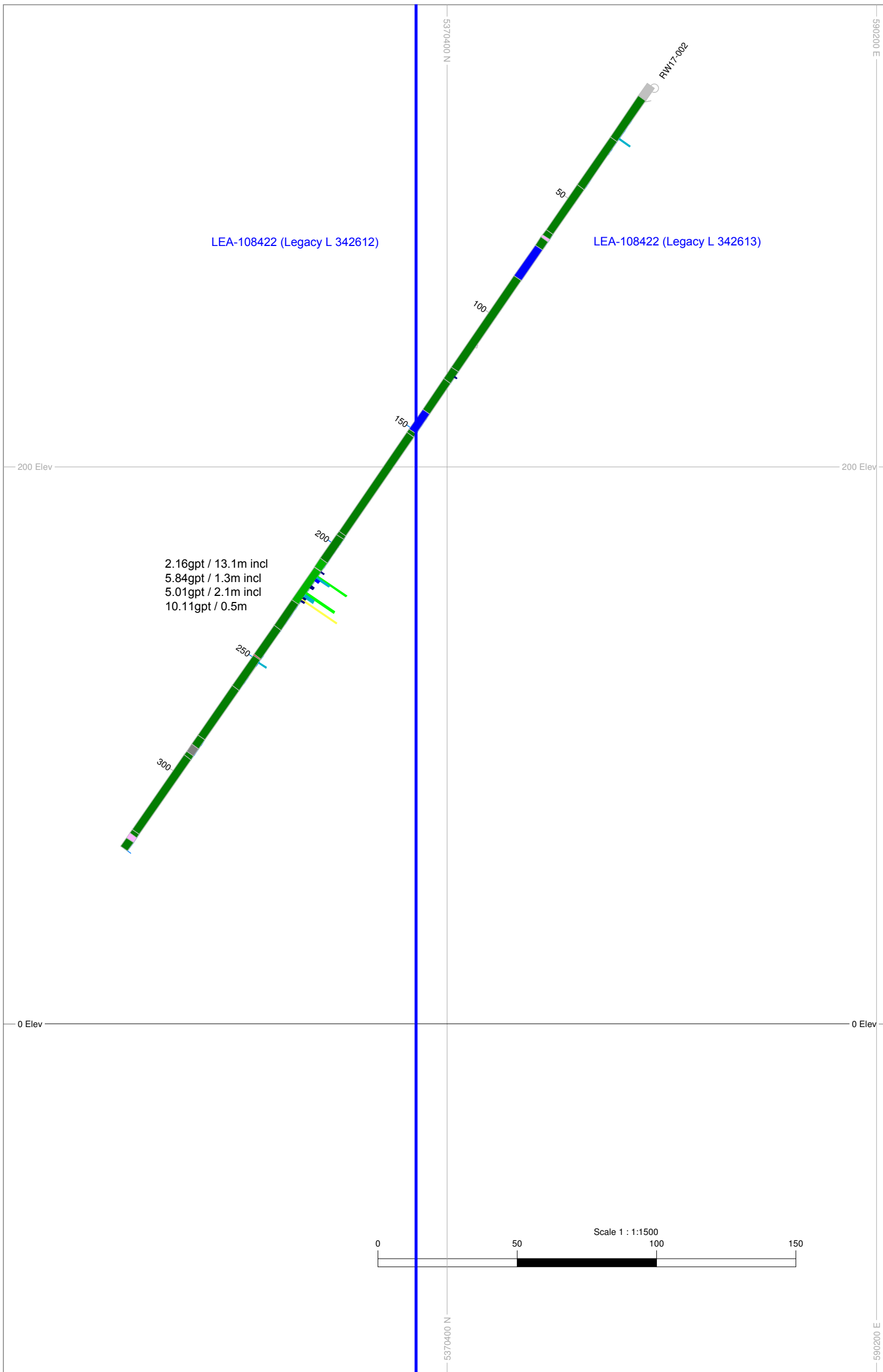


ROCK CODES

- [HPO]
- [AHM]
- [BLL]
- [IPF]
- [IPO]
- [ISP]
- [LDO]
- [LLO]
- [QBX]
- [VGO]
- [VMH]
- [VMM]
- [VMO]
- [VMP]
- [VMV]
- [VMX]
- [ZBX]
- [ZFO]
- [ZFZ]
- [ZGZ]
- [ZHZ]

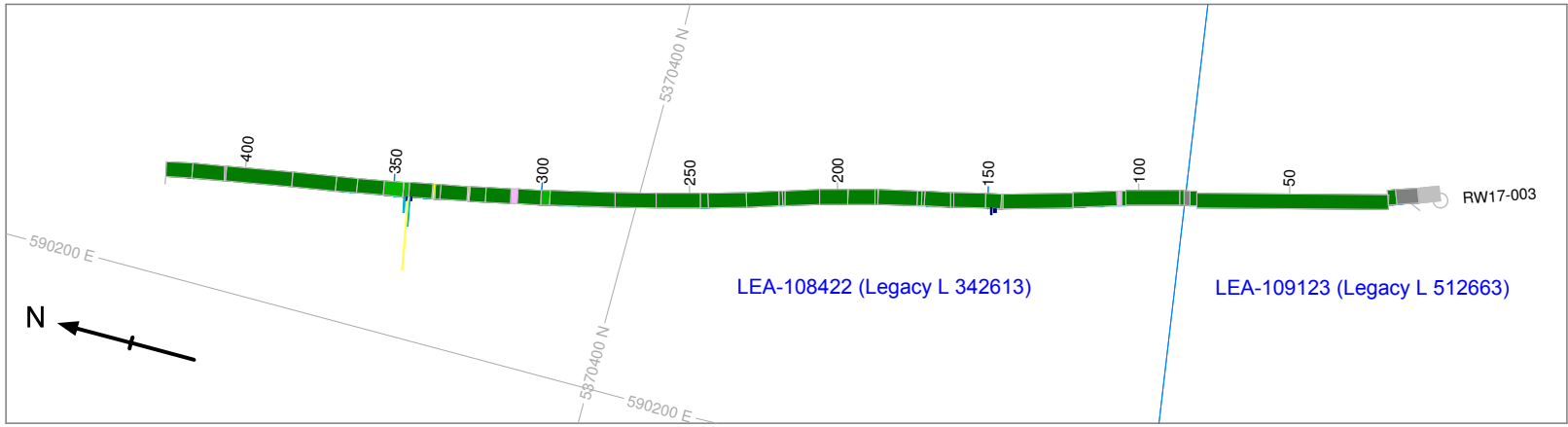
GOLD GRADE (gpt)

- 0 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- 10 - 15
- >15



RW17-002		
Scale 1:1500	Date: 26 Sep 2019	Au Scale : 1mm=1gpt
Azimuth 339°	Dip -55°	EOH 333m



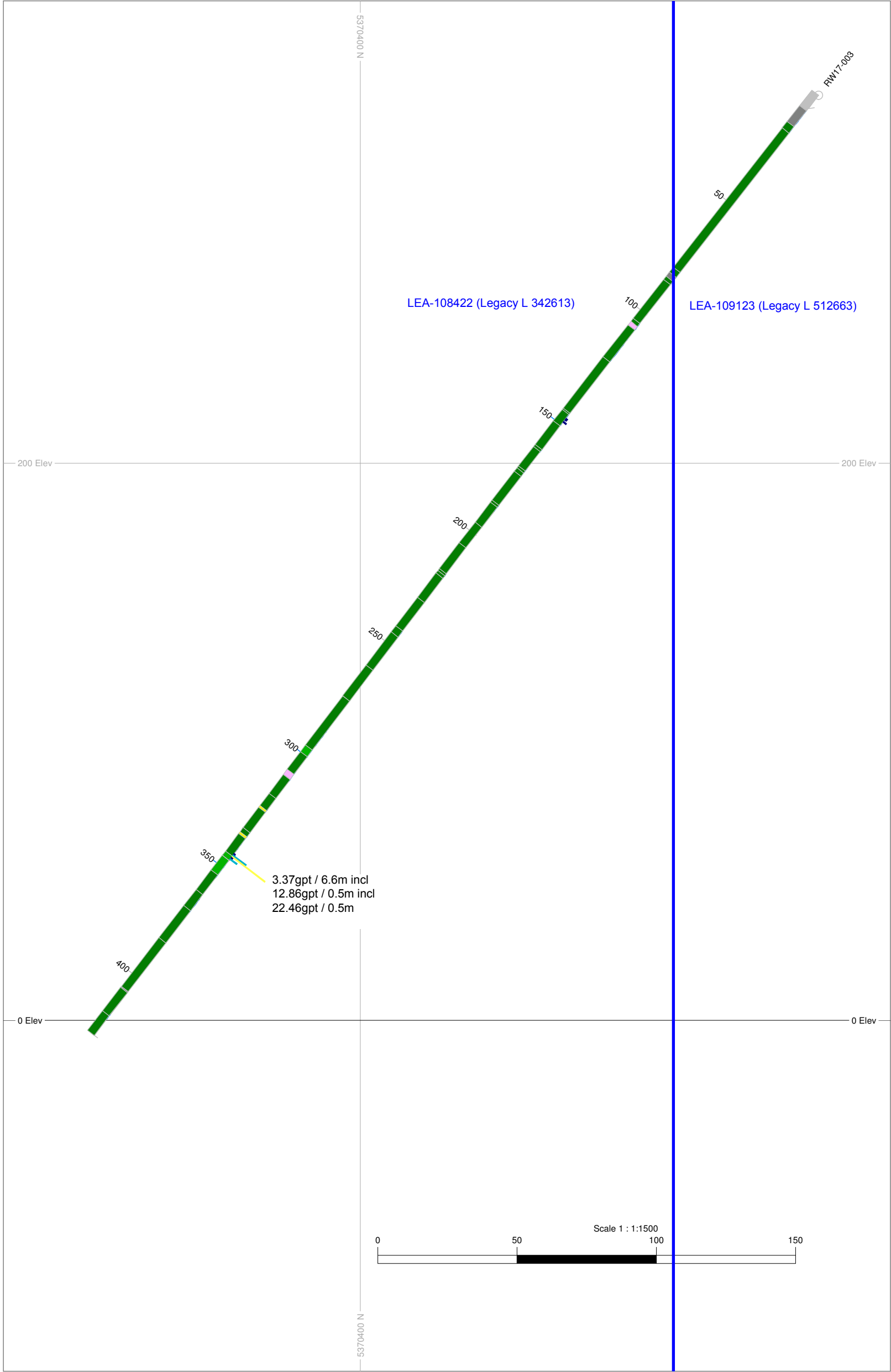


ROCK CODES

- [HPO]
- [AHM]
- [BLL]
- [IPF]
- [IPO]
- [ISP]
- [LDO]
- [LLO]
- [QBX]
- [VGO]
- [VMH]
- [VMM]
- [VMO]
- [VMP]
- [VMV]
- [VMX]
- [ZBX]
- [ZFO]
- [ZFZ]
- [ZGO]
- [ZHZ]

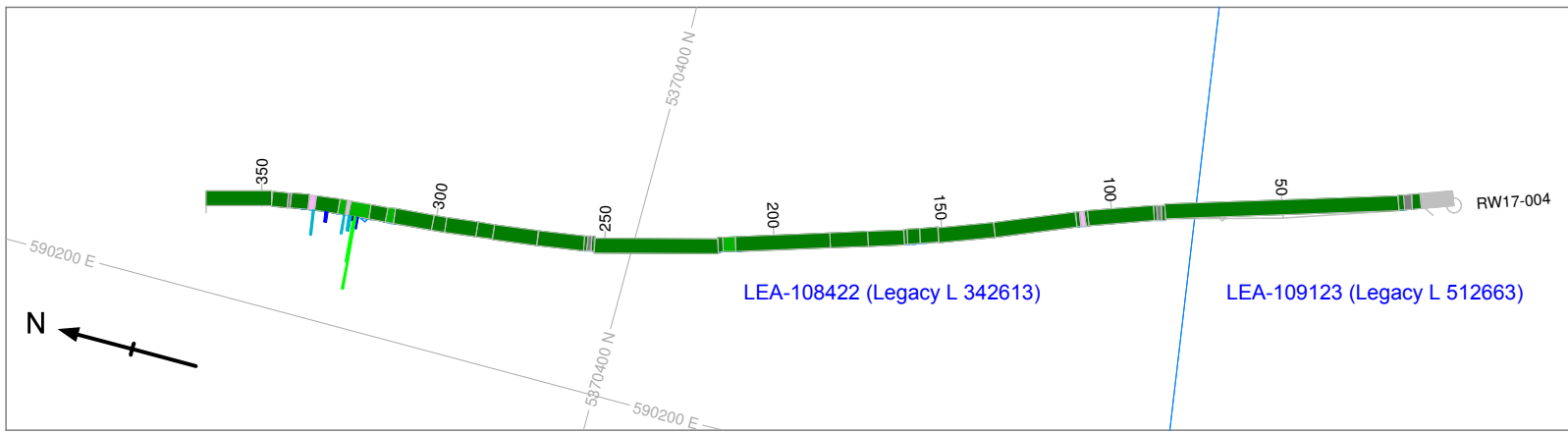
GOLD GRADE (gpt)

- 0 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- 10 - 15
- >15



RW17-003		
Scale 1:1500	Date: 26 Sep 2019	Au Scale : 1mm=1gpt
Azimuth 339°	Dip -55°	EOH 426m



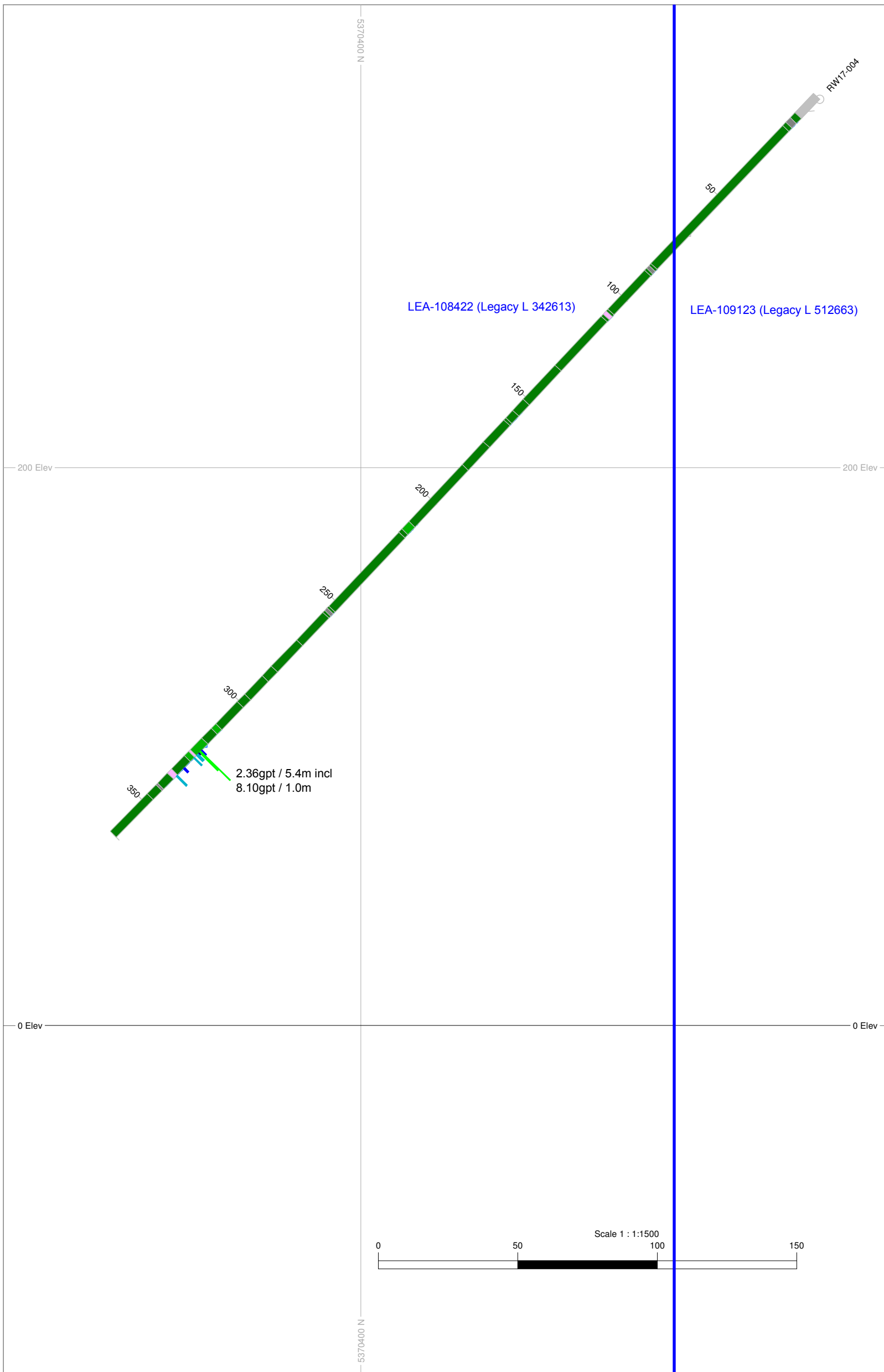


ROCK CODES

- [HPO]
- [AHM]
- [BLL]
- [IPF]
- [IPO]
- [ISP]
- [LDO]
- [LLO]
- [QBX]
- [VGO]
- [VMH]
- [VMM]
- [VMO]
- [VMP]
- [VMV]
- [VMX]
- [ZBX]
- [ZFO]
- [ZFZ]
- [ZGO]
- [ZHZ]

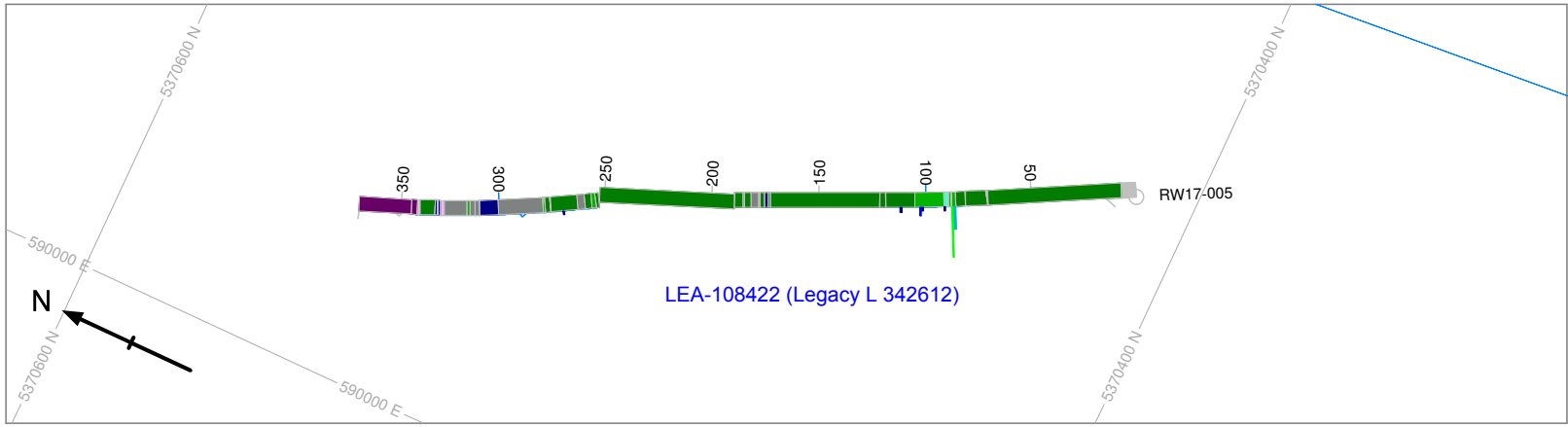
GOLD GRADE (gpt)

- 0 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- 10 - 15
- >15



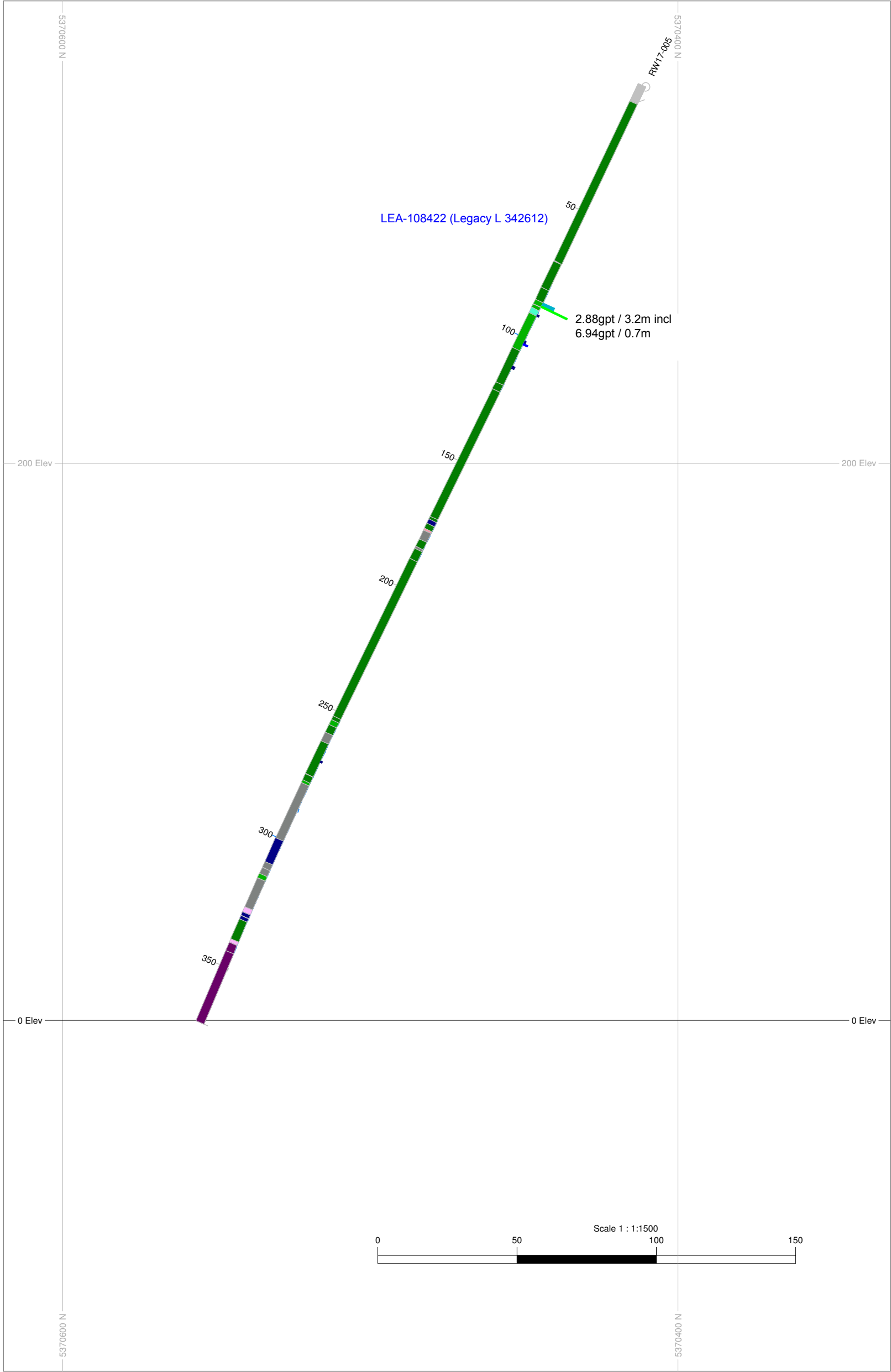
RW17-004		
Scale 1:1500	Date: 26 Sep 2019	Au Scale : 1mm=1gpt
Azimuth 339°	Dip -48°	EOH 366m





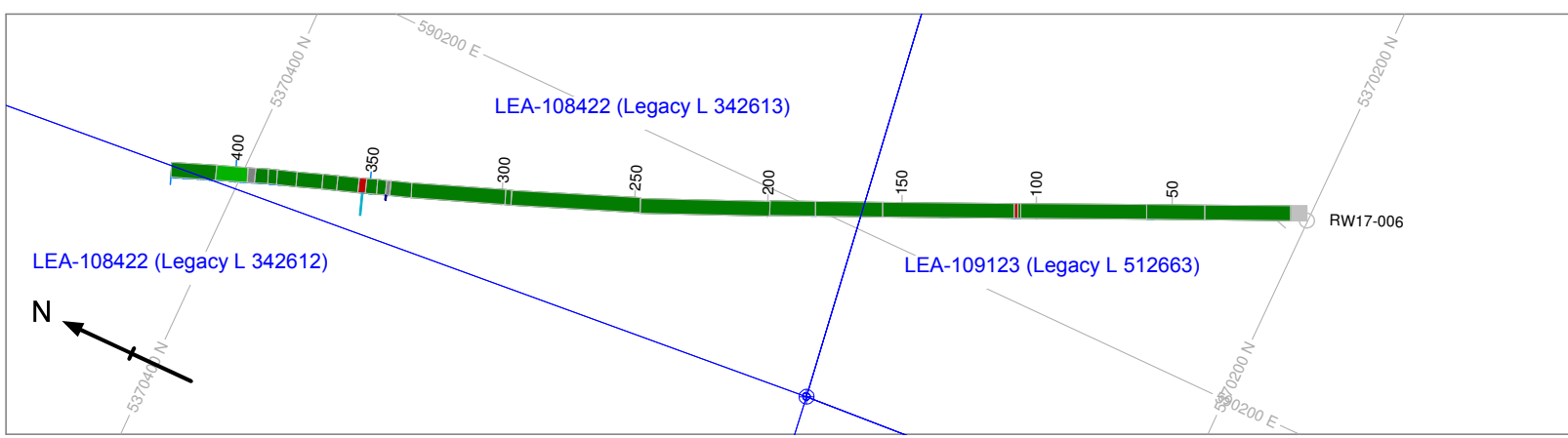
- ROCK CODES**
- [HPO]
 - [AHM]
 - [BLL]
 - [IPF]
 - [IPO]
 - [ISP]
 - [LDO]
 - [LLO]
 - [QBX]
 - [VGO]
 - [VMH]
 - [VMM]
 - [VMO]
 - [VMP]
 - [VMV]
 - [VMX]
 - [ZBX]
 - [ZFO]
 - [ZFZ]
 - [ZGO]
 - [ZHZ]

- GOLD GRADE (gpt)**
- 0 - 1
 - 1 - 2
 - 2 - 5
 - 5 - 10
 - 10 - 15
 - >15



RW17-005		
Scale 1:1500	Date: 26 Sep 2019	Au Scale : 1mm=1gpt
Azimuth 335°	Dip -65°	EOH 372m



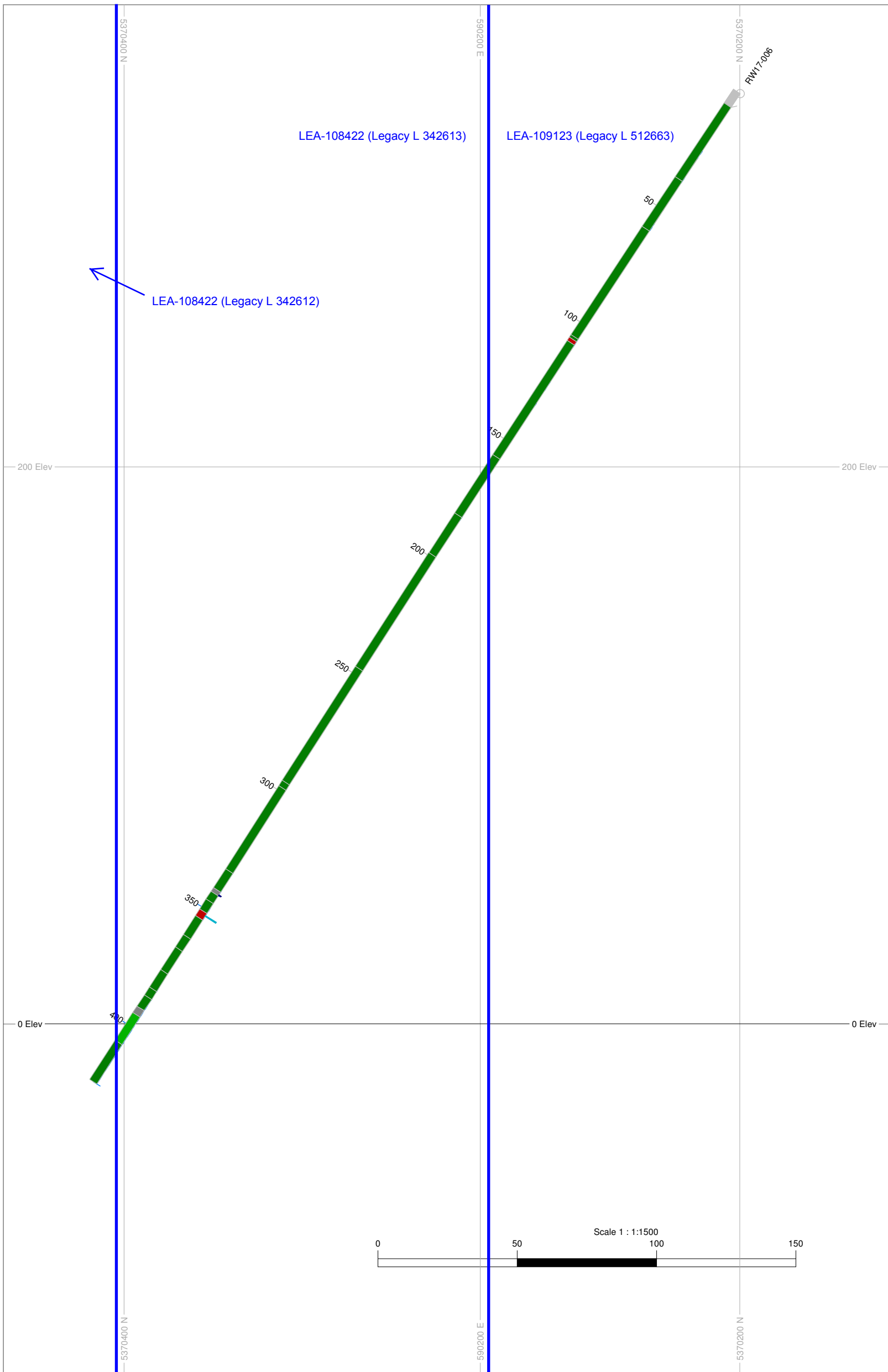


ROCK CODES

- [HPO]
- [AHM]
- [BLL]
- [IPF]
- [IPO]
- [ISP]
- [LDO]
- [LLO]
- [QBX]
- [VGO]
- [VMH]
- [VMM]
- [VMO]
- [VMP]
- [VMV]
- [VMX]
- [ZBX]
- [ZFO]
- [ZFZ]
- [ZGO]
- [ZHZ]

GOLD GRADE (gpt)

- 0 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- 10 - 15
- >15



RW17-006		
Scale 1:1500	Date: 26 Sep 2019	Au Scale : 1mm=1gpt
Azimuth 339°	Dip -57°	EOH 424m

