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TECHNICAL REPORT ON
2017 DIAMOND DRILL PROGRAM AND STRUCTURAL GEOLOGY STUDIES
FOR RUBICON MINERALS CORP
PHOENIX GOLD PROJECT

Bateman Township Area
Red Lake Mining District
Northwestern Ontario

NTS: 52N/04
NAD83 / UTM Zone 15N



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Apr 30, 2019

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Appendix 3: Drill hole vertical sections

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1 SUMMARY

The Phoenix Gold Project is located in the southwestern part of Bateman Township within the Red Lake mining district of northwestern Ontario, Canada (Figure 3-1). The project site is accessible via an 8-kilometre gravel road that branches off the Nungesser Road, just north of the community of Cochenour, part of the Municipality of Red Lake. Located in the East Bay of Red Lake, the project is also easily accessible by water.

Mineral Rubicon Corporation is the 100% registered owner of mining rights for all forms of tenure of the Phoenix Gold Project property (Phoenix Property), which consists of 31 contiguous Mining Leases, Patented Claims, Mining Licences of Occupation, and a Staked Claim, as summarized in Table 3-1 and shown on Figure 3-2.

All data collected on the Phoenix Gold Project is recorded relative to the Phoenix F2 Mine Grid, which is defined in Section 7-1. For the purpose of this report, coordinates were converted to UTM NAD83, Zone 15.

A diamond drill program was conducted between March 20, 2017 and November 30, 2017, comprising 63 drill holes, totalling 22,225 m of drill core. The objective of the program was to provide detailed structural data to inform a deposit-scale structural study on the property, and to advance the understanding of geology and grade distribution of the F2 Zone mineralization. Figure 7-1 shows the general drill location area, while detailed level plans identifying individual drill hole traces are presented in Appendix 1. Lithological core logs for this program are contained in Appendix 2 and cross-sectional diagrams are presented in Appendix 3.

Assaying was conducted by SGS Mineral Services (SGS) in Red Lake, Ontario. Standard sample protocols for the Phoenix Gold Project include crushing the entire sample to 85% passing 2mm, followed by pulverization of a 500 g-split to 95% passing 150 mesh. Gold was analyzed by fire assay process (with an atomic absorption finish) on a 50-gram subsample. If the sample contained greater than 10 grams per tonne (g/t) gold, fire assay was repeated with a gravimetric finish. Assay certificates for the drill core samples are presented in Appendix 4. Quality control charts used to validate the assay results are contained in Appendix 5.

Golder Associates Ltd. (Golder) was contracted to conduct a deposit-scale structural study on the Phoenix Gold Project in 2017 which included relogging of historical core, oriented core drilling programs, underground structural mapping and reinterpretation and modelling. Initial site visits were conducted in February 2017, and the final model and report were submitted to Rubicon on February 9, 2018. As part of Golder's study, a detailed structural mapping program (1:200 scale) was completed by Terrane Geoscience Inc. (Terrane), from June 1 to 14, 2017. Level plans containing the detailed structural mapping are contained in Appendix 6.

Key components of Golder's updated structural model for the Phoenix Gold Project include

- Removal of all but the East Bay Deformation Zone (EBDZ) planar features from the new model. The EBDZ has also been remodelled to show it as a broader zone of high strain in the Ultramafic Flow unit rather than as a discrete feature that is then offset by E-W brittle faulting per the previous model.

- Strain partitioning during D1 and D2 deformation events resulted in ductile deformation of the talc rich Ultramafic Flow units and brittle-ductile deformation of the more resistant High-Ti Basalt and Felsic Intrusive units.
- Ductile behaviour of the Ultramafic Flow unit resulted in generation of the pervasive N-S oriented, steeply dipping to sub vertical S1 penetrative foliation during D1 deformation.
- Brittle-ductile behavior of the High-Ti Basalt units resulted in boudinage of these units with the primary stretching direction paralleling the N-S orientation with a lesser vertical component of stretching such that the boudin necks that bound the High-Ti Basalt panels are arranged in both N-S shallowly dipping and subvertical orientations.
- The High-Ti Basalt is modeled as a series of N-S oriented panels that have been boudinaged during D1 and D2 deformation events so that they form N-S elongated lenses that pinch out at the north and south ends. In some instances there are gaps of tens of metres between boudinaged basalt panels. This geometry is shown in both the N-S planar view and the vertical view.
- Ultramafic Flows and High-Ti Basalt units were intruded by dikes and sills of the Felsic Intrusive unit pre- to syn-mineralization.
- Arrays of quartz-actinolite veins with associated gold mineralization were developed in the more competent High-Ti Basalt and to a lesser degree in the Felsic Intrusive. The R', R, and P shear veins all host gold mineralization, with the highest gold grades generally occurring within the E-W oriented R' veins.

Further drill testing of Rubicon's Phoenix Gold Project area is recommended, with emphasis on the expansion of known F2 Zone mineralization, which remains open along strike and at depth, as well as other exploration targets on the property. These programs should include collection of structural data from oriented drill core to help advance understanding of controls affecting the distribution of gold mineralization and grade.

2 INTRODUCTION

The Phoenix Gold Property is located in the Red Lake Mining District in northwestern Ontario. This Technical Report was prepared for Rubicon Minerals to fulfill the requirements for filing assessment work completed between March 20 and November 30, 2017 on the Phoenix Gold Property. The report includes results from an underground diamond drill program, comprising 63 drill holes, totalling 22,225 m, as well as an underground mapping program, both of which contributed to the development of an updated structural geology model for the F2 Zone on the Phoenix project

3 PROPERTY LOCATION AND DESCRIPTION

The Phoenix Gold Project is located in the southwestern part of Bateman Township within the Red Lake Mining District of northwestern Ontario, Canada (Figure 3-1). The project site is accessible via an 8-kilometre gravel road that branches off the Nungesser Road, just north of the community of Cochenour, part of the Municipality of Red Lake. Located in the East Bay of Red Lake, the project is also easily accessible by water.

The total area of the mineral tenure is 510.4 hectares. It is centered on the historical McFinley shaft (now called the Phoenix shaft). Rubicon Minerals Corporation is the 100% registered owner of mining rights for all forms of tenure of the Phoenix Gold Project property (Phoenix Property). The Phoenix Property consists of 31 contiguous Mining Leases, Patented Claims, Mining Licences of Occupation, and a Staked Claim, as summarized in Table 3-1 and shown on Figure 3-2.

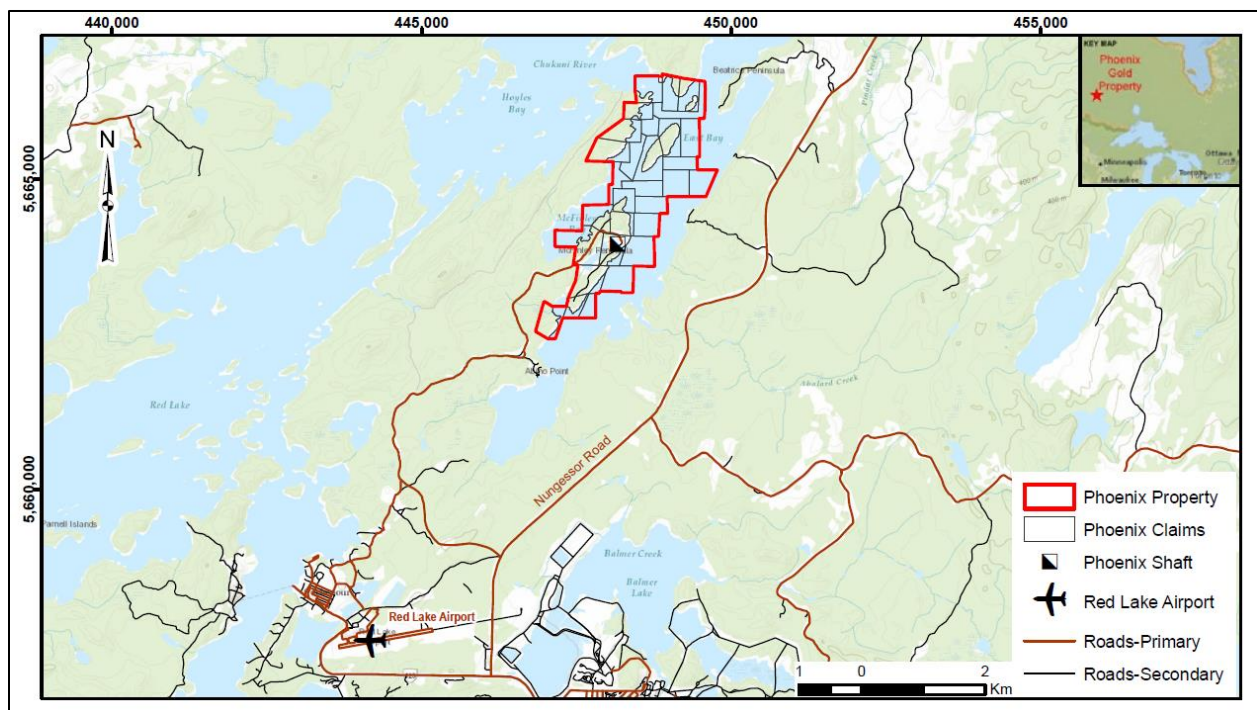


Figure 3-1: Location of the Phoenix Gold Project.

Table 3-1: Mineral Tenure Information

Short Legal Description	Mining Rights Number	Parcel Number	Start Date	Expiry Date	Hectares
Mining Lease					
KRL503297, KRL503298, KRL503299, KRL526262	LEA-108126	936LKP	Nov-86	31-Oct-28	56
Patented Mining Claims (Land Portion)					
K1498	PAT-7228	992DP	1-Oct-45	Not Applicable	3
K1499	PAT-7229	993DPF	1-Oct-45	Not Applicable	11.5
K1493	PAT-7224	994DPF	1-Mar-46	Not Applicable	5.1
K1494	PAT-7225	995DPF	1-Mar-46	Not Applicable	8.4
K1495	PAT-7226	996DPF	1-Mar-46	Not Applicable	10.4
KRL246	PAT-7222	997DP	1-Mar-46	Not Applicable	15
KRL247	PAT-7223	998DPF	1-Mar-46	Not Applicable	17.9
K1497	PAT-7227	999DPF	1-Mar-46	Not Applicable	13.5
KRL11481	PAT-7232	1446DPF	1-Nov-41	Not Applicable	4.2
KRL11482	PAT-7233	1447DPF	1-Nov-48	Not Applicable	6.9
KRL11483	PAT-7230	1448DPF	1-Nov-41	Not Applicable	12.2
KRL11487	PAT-7231	1452DPF	1-Nov-41	Not Applicable	15.3
K954 (recorded as KRL 18152)	PAT-7234	1977DPF	1-Jan-47	Not Applicable	6.9
K955 (recorded as KRL 18515)	PAT-7236	1978DPF	1-Jan-47	Not Applicable	4.1
KRL18457	PAT-7235	2449DPF	1-Jan-50	Not Applicable	7.9
KRL18735	PAT-7237	2450DPF	1-Jan-50	Not Applicable	20.9
Licenses of Occupation (Water Portion)					
KRL2155	MLO-3186		1-Aug-45	Not Applicable	9.9
KRL2156	MLO-3187		1-Aug-45	Not Applicable	13.7
K1498	MLO-3289		1-Oct-45	Not Applicable	11
K1499	MLO-3290		1-Oct-45	Not Applicable	2.4
K1493	MLO-3370		1-Mar-46	Not Applicable	5
K1494	MLO-3371		1-Mar-46	Not Applicable	18.7
K1495	MLO-3372		1-Mar-46	Not Applicable	10.1
K1497	MLO-3380		1-Mar-46	Not Applicable	6.1
KRL246	MLO-3381		1-Mar-46	Not Applicable	4.3
KRL247	MLO-3382		1-Mar-46	Not Applicable	4.5
KRL11483	MLO-10495		1-Nov-41	Not Applicable	6.7

Short Legal Description	Mining Rights Number	Parcel Number	Start Date	Expiry Date	Hectares
KRL11482	MLO-10496		1-Nov-48	Not Applicable	5.6
KRL11481	MLO-10497		1-Nov-41	Not Applicable	14.1
KRL11487	MLO-10499		1-Nov-41	Not Applicable	5.7
KRL11038-39 (recorded as KRL18377)	MLO-10830		1-Jan-47	Not Applicable	28.7
KRL11031 (recorded as KRL18519)	MLO-10834		1-Jan-47	Not Applicable	17.9
K954 (recorded as KRL18152)	MLO-10835		1-Jan-47	Not Applicable	9.3
K955 (recorded as KRL18515)	MLO-10836		1-Jan-47	Not Applicable	10
KRL18514	MLO-10952		1-Oct-47	Not Applicable	17.5
KRL18735	MLO-11111		1-Jan-50	Not Applicable	12.2
KRL18457	MLO-11112		1-Jan-50	Not Applicable	11
KRL18373	MLO-11114		1-Jan-50	Not Applicable	7.7
KRL18374	MLO-11115		1-Jan-50	Not Applicable	19.7
KRL18375	MLO-11116		1-Jan-50	Not Applicable	22.9
KRL18376	MLO-11117		1-Jan-50	Not Applicable	15
Staked Claim					
143643 & 312889 (Single cell claims)converted from KRL4229741		N/A	22-Jun-09	21-Jun-24	16
Total Area					525

5 HISTORICAL EXPLORATION

Previous reports prepared by G. M. Hogg (2002a; 2002b) describe in detail the extensive history of exploration activities on the project. Historical information regarding property ownership, previous exploration work, and mineral resources prepared prior to 2002 is summarized below in Table 5-1. Previous work conducted by Rubicon Minerals (2002 to 2016) is summarized in Table 5-2.

Table 5-1: Previous Exploration Work on the Phoenix Gold Project prior to 2002

Year	Description of Work
1922	Original staking in 1922 undertaken to cover a high-grade silver occurrence on the McFinley Peninsula, the first mineral prospect on record in the area. Trenching, sampling, and shallow drilling was undertaken by McCallum Red Lake Mines Ltd. Wide-spread but erratic gold mineralization was noted in cherty metasedimentary rock on both McFinley Peninsula and McFinley Island.
1941 – 1942	Mineral occurrences were drilled as part of the Wartime Minerals Evaluation program.
1944 – 1946	McFinley Red Lake Gold Mines Ltd. carried out ground magnetic surveys, a 48-drill hole drilling program consisting of 167 m (548 feet [ft]) of drilling over the McFinley Peninsula, and a 1,487 m (4,877 ft) drilling program from the ice of Red Lake.
1946 – 1955	Fourteen drill holes (M Series) were completed for approximately 1,585 m (5,200 ft) of diamond drilling.
1955 – 1956	Little Long Lac Gold Mines sank a 13 m (428 ft) vertical shaft on claim KRL 246 and completed 414 m (1,358 ft) of exploratory underground development on two levels. Work terminated in 1956.
1974 – 1975	Sabina completed 25 diamond drill holes for approximately 3,048 m (10,000 ft) of drilling on the project; ground magnetic and electromagnetic surveys; and 10 drill holes for approximately 735 m (2,410 ft) of diamond drilling over a portion of the lake properties.
1981 – 1983	Sabina and McFinley Red Lake Mines completed a magnetic/electromagnetic geophysical survey over the McFinley Peninsula area, surface bulk sampling, and 3,672 m (12,046 ft) of surface diamond drilling in 33 drill holes.
1983 – 1984	McFinley Red Lake Mines and Sabina completed seven drill holes for approximately 646 m (2,120 ft) of diamond drilling.

Year	Description of Work
1984 – 1985	An agreement with Phoenix Gold Mines Ltd. allowed the opening of the McFinley Shaft (now called the Phoenix Shaft) and completion of a total of 479 m (1,570 ft) of drifting and crosscutting on the 46 m (150 ft) and 122 m (400 ft) levels. Metallurgical work and mineral processing were carried out. Eighty underground drill holes totalling 1,829 m (6,000 ft) and 69 surface drill holes totalling 10,628 m (34,870 ft) of diamond drilling were completed. Funding difficulties resulted in the project being placed on temporary standby in February
1985 – 1987	A total of 1,151 m (3,775 ft) of drifting and crosscutting was carried out on the 46 m (150 ft) and 122 m (400 ft) levels. A total of 7,111 m (23,333 ft) of underground drilling, 9.14 m (30 ft) of raising, and an extensive chip-sampling program were completed. A program of 12,763 m (41,874 ft) of diamond drilling was also completed in 61 surface drill holes.
1987 – 1989	<p>In recognition of a nugget effect in sampling results, a decision was made to proceed with a minimum 15,000-ton bulk sample. A 150-t/d mill and tailings management facility was constructed. Underground development (2,890 m/9,482 ft) continued on the 46 m (150 ft) and 122 m (400 ft) levels, a new 84 m level (275 ft) and on a ventilation raise from the 122 m (400 ft) level to surface. Additional sampling, diamond drilling (8,730 m/28,642 ft), and metallurgical testing were completed. Bulk sampling operations commenced in July 1988 with sampling indicating head grades in the range of 0.25 ounces per ton (oz/t) gold (8.23 grams of gold per tonne [g/t]) from prepared stope areas.</p> <p>Mill design problems, lack of income from bulk sampling, and lack of exploration funding forced the closure of the operation after an estimated 2,500 tonnes of material were milled. Total historical development in drifting, crosscutting and raising is estimated to be more than 5,791 m (19,000 ft). Total historical diamond drilling focused on the McFinley Peninsula area is estimated to be 45,110 m (148,000 ft) from surface and 35,814 m (117,500 ft) from underground. An estimated 54,864 m (180,000 ft) of core is stored on the property.</p>
1999 – 2002	Dominion Goldfields foreclosed on the Mining Licences of Occupation and Mining Lease and was awarded title to the lake portion of the Phoenix Gold Project in 1999 and 2002, respectively. Dominion Goldfields and its subsidiary were subsequently awarded title to the Patented Claims of the project in 2002.

Rubicon acquired the Phoenix Property in 2002, and initiated an extensive exploration program that included geological mapping, re-logging of selected historic drill holes, digital compilation of available historical data, ground and airborne magnetic surveys, trenching, channel sampling, a bathymetric survey, an induced polarization Titan 24 survey, geochemical studies, petrographic studies, a topographic survey, and numerous diamond drilling campaigns. Table 5-2 contains a brief summary of Rubicon this work, condensed from Golder (2018b).

Table 5-2: Summary of work conducted by Rubicon Minerals Corp on the Phoenix Gold Project (2002-2016)

Year	Description of Work
2002	Geological mapping Cataloguing, numbering and re-boxing of >60,000m of historical core cross-piled on property Digital compilation of historical data High resolution magnetic airborne survey 22,000m ² of mechanical trenching and power washing (2002 and 2004), with 876 samples. Overwater bathymetric survey of Red Lake within the property boundary. 1,900m of surface diamond drilling
2003	Re-logging of 161 historical drill holes totalling 23,000 m. Digital compilation of historical data 12,600 m of surface diamond drilling
2004	Continued mechanical trenching, power washing and channel sampling 13,300 m surface diamond drilling
2005	11,800 m of surface diamond drilling
2006	1,614 m of surface diamond drilling
2007	13,444 m of surface diamond drilling
2008	Phase I of Titan 24 DCIP and MT survey 43,800 m of surface diamond drilling *Announcement of F2 Zone discovery
2009	Phase II of Titan 24 DCIP and MT survey Preliminary petrographic studies 44,675 m of surface diamond drilling and 25,512 m of underground diamond drilling
2010	LiDAR topographic survey 37,823 m of surface diamond drilling and 82,068 m of underground diamond drilling
2011	5,462 m of surface diamond drilling and 74,337 m of underground diamond drilling
2012	40,900 m of surface diamond drilling and 17,627 m of underground diamond drilling
2013	876 m underground diamond drilling to support shaft development
2014	40,574 m of underground drilling in central portion of F2 Zone (infill and step out) 6,064 m of surface drilling to investigate the crown pillar
2015	47,061 m underground diamond drilling as production support for trial stoping 9,553 m of surface diamond drilling

6 GEOLOGICAL SETTING AND MINERALIZATION

6.1 Regional Geology

The following description of the geology of the Red Lake Greenstone Belt was adapted from Golder (2018b) and originally modified from Sanborn-Barrie et al. (2004) and the references therein.

The Phoenix Gold Project is located in the Uchi Subprovince of the Superior Province of the Canadian Precambrian Shield. Within the Uchi Subprovince, the Red Lake Greenstone Belt (RLGB), is host to one of Canada's preeminent gold producing districts, having produced more than 29 million ounces of gold since the 1930s (Lichtblau et al., 2018).

The Red Lake Greenstone Belt is interpreted to have been formed on the southern margin of the North Caribou Terrane, an ancient Mesoarchean continental block of approximately 3,000 Ma that makes up part of the southern Uchi Subprovince (Figure 6-1 and Figure 6-2). The Red Lake Greenstone Belt was formed and evolved as the result of extensive magmatic and sedimentary activity as well as multiple events of intense deformation, metamorphism, hydrothermal alteration, and gold mineralization that occurred between 3,000 to 2,700 Ma before present. Regional metamorphic assemblages indicate that peak metamorphism corresponded to greenschist and amphibolite grades.

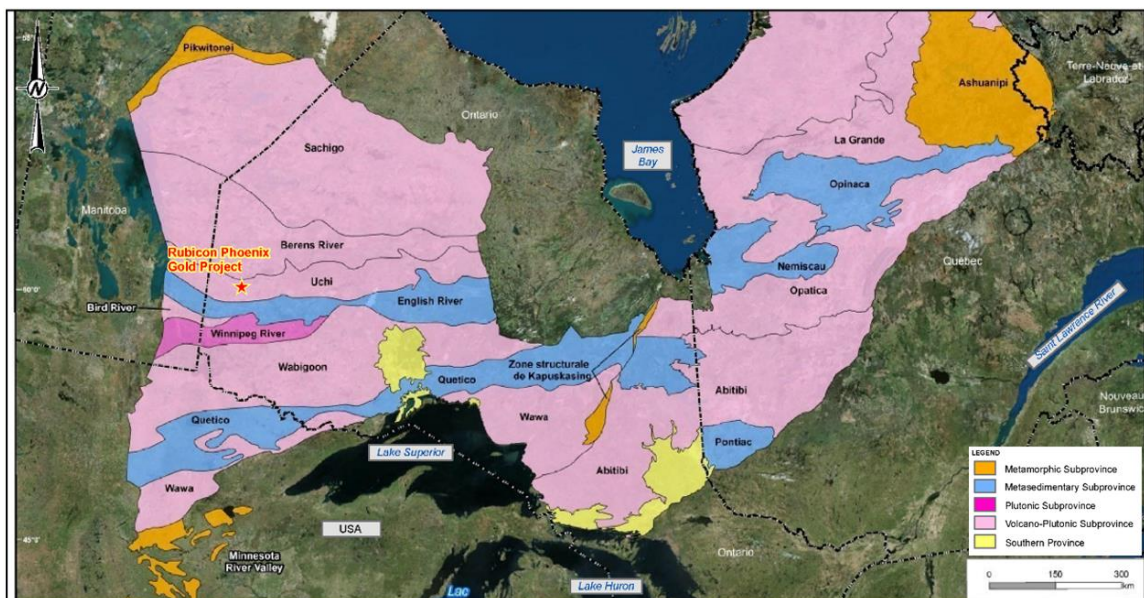


Figure 6-1: Superior Province Subdivisions (Source: Modified after Géologie Québec (GQ.MINES.GOUV.QC.CA), which is adapted from Card and Poulson, 1998)

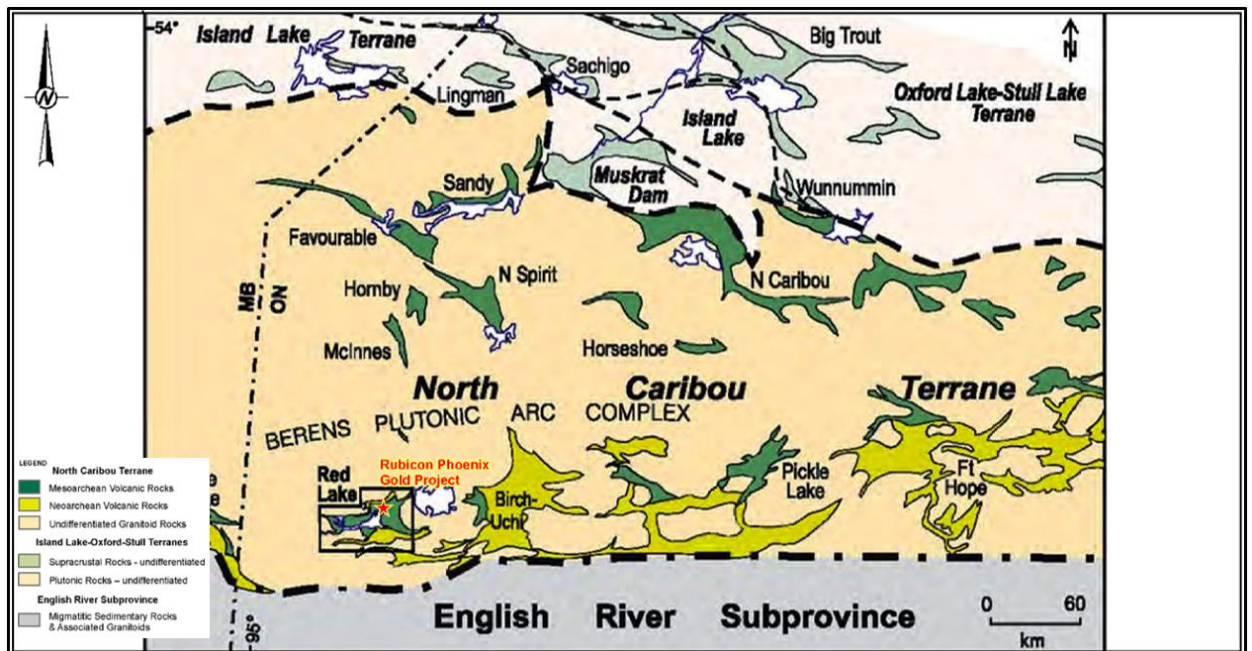


Figure 6-2: Geology of the North Caribou Terrane of the Superior Province (Source: adapted from Sanborn-Barrie et al., 2004)

The regional geology of the Red Lake Belt is shown on Figure 6-3 and it is described in the following paragraphs, proceeding from the oldest to the youngest stratigraphic assemblages.

Rocks of the Mesoarchean Balmer Assemblage, the oldest stratigraphic assemblage in the Red Lake Greenstone Belt host all the major gold producers in the Red Lake District. The Balmer Assemblage is dated between circa (ca.) 3,000 and 2,988 Ma and it includes volcanic units composed of komatiite, komatiitic basalt and tholeiitic basalt, as well as lesser amounts of peridotitic and gabbroic intrusive rocks, felsic volcanic rocks, iron formation and clastic sedimentary rocks.

Underlying the northwestern portion of the Red Lake Greenstone Belt is the Ball Assemblage (ca. 2,940 Ma to ca. 2,925 Ma), consisting predominantly of a thick sequence of metamorphosed intermediate to felsic calc-alkaline volcanic flows and pyroclastic rocks, and lesser amounts of mafic to ultramafic volcanic rocks and peridotitic to gabbroic intrusive rocks.

The Slate Bay Assemblage (ca. 2,903 Ma to ca. 2,850 Ma) extends the length of the belt and consists of clastic sedimentary rocks including several lithological facies; conglomerates, quartzose arenites, wackes and mudstones. The contact of the Slate Bay Assemblage with the underlying Ball and Balmer assemblages represents an unconformity (Figure 6-3). A thin sequence of calc-alkaline dacitic to rhyodacitic pyroclastic rocks of the Bruce Channel Assemblage (approximately 2,894 Ma) unconformably overlay the volcanic rocks of the Balmer Assemblage in the eastern portion of the RLGB. Clastic sediments and a chert-magnetite iron formation comprise the uppermost part of the Bruce Channel Assemblage.

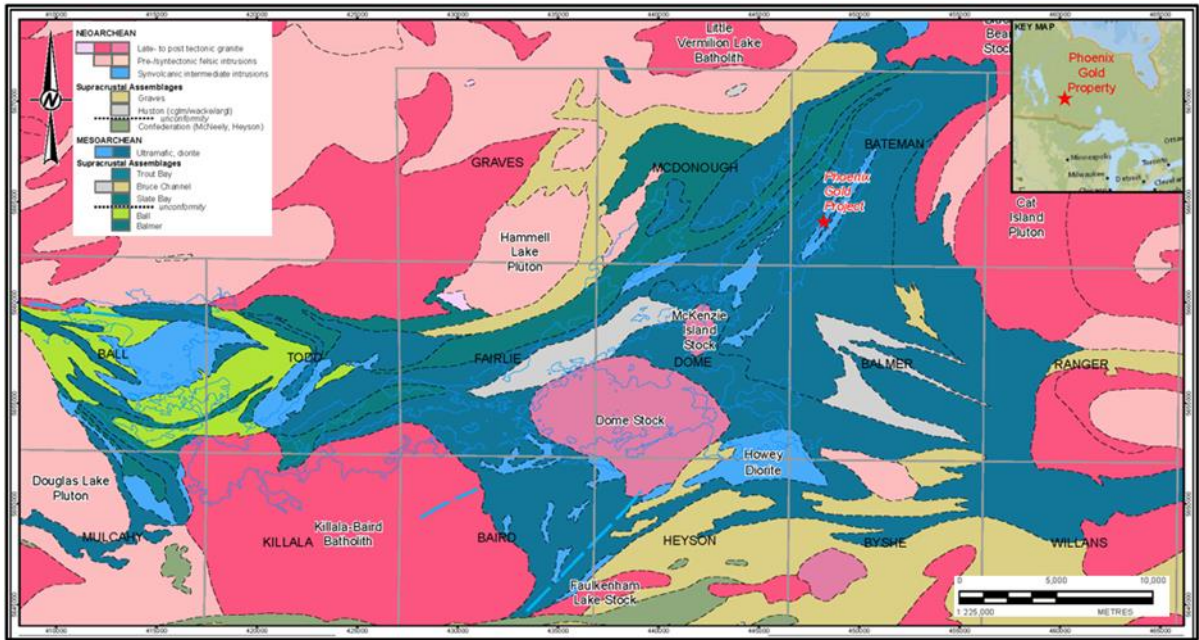


Figure 6-3: Regional Geology (Source: Golder 2018b; adapted from Ontario Geological Survey, 2011)

The Trout Bay Assemblage (ca. 2,853 Ma) is exposed in the southwest portion of the Red Lake Greenstone Belt. It is a volcano-sedimentary sequence consisting of a lower tholeiitic basalt unit overlain by clastic sedimentary rocks that are interbedded with an intermediate tuff unit and a chert-magnetite-iron formation.

Deposition of the Confederation Assemblage followed a pause in volcanic activity of approximately 100 million years. The Confederation Assemblage represents a time of widespread Neoproterozoic calc-alkaline volcanism (ca. 2,748 to ca. 2,739 Ma). The McNeely sequence is the oldest unit of the Confederation Assemblage; it formed during shallow marine to subaerial arc volcanism and was deposited upon the existing Mesoproterozoic continental margin. The McNeely sequence is overlain by and interstratified with the tholeiitic Heyson volcanic sequence that is thought to have formed during a period of intra-arc extension. In the Madsen area, an angular unconformity at the base of the Confederation Assemblage is indicated by opposing facing directions of units belonging to the Confederation and Balmer assemblages, suggesting the Balmer Assemblage was overturned prior to the deposition of the Confederation Assemblage.

The Huston Assemblage (dated between ca. 2,742 and ca. 2,733 Ma) is represented by fine to coarse-grained clastic sedimentary units including conglomerate, wacke, siltstone, and argillite that unconformably to conformably overlie the McNeely sequence of the Confederation Assemblage. The Huston Assemblage has been compared to the Timiskaming conglomerates commonly associated with gold mineralization in the Timmins camp of the Abitibi Greenstone Belt (Dubé et al., 2003).

The Graves Assemblage (ca. 2,733 Ma) represents a period of calc-alkaline volcanism dominated by andesitic to dacitic pyroclastic tuff. The rocks of this assemblage overlie and are locally transitional with the underlying Huston Assemblage.

Plutonic rocks in the Red Lake Greenstone Belt are temporally and, in some cases, petrologically correlated with the periods of magmatism recorded by the volcanic units belonging to the above-described assemblages. The plutonic units include mafic to ultramafic intrusions associated with the Balmer and Ball Assemblages, gabbroic sills with chemical affinities to the basalts of the Trout Bay Assemblage, small volumes of felsic dykes and diorite intrusions associated with the Confederation Assemblage, and intermediate to felsic plutons, batholiths and stocks coeval with the Graves Assemblage. Post-volcanism plutonic activity is represented by granitoid rocks such as the McKenzie Island stock, Dome stock, and Abino granodiorite (ca. 2,720 Ma to ca. 2,718 Ma) that host past producing gold mines. The last magmatic event recorded in the belt occurred ca. 2,700 Ma and is represented by a series of potassium-feldspar megacrystic granodiorite batholiths, including the Killala- Baird Batholith, as well as some other granitoid plutons and dykes.

Structurally, the Red Lake Greenstone belt underwent continental collision (the Kenoran Orogeny), ca. 2,720 to 2,710 Ma, which led to multiple episodes of intense hydrothermal alteration, deformation, metamorphism, and gold mineralization (Dube et al., 2004). The belt records several episodes of deformation interpreted to be closely linked with intensive hydrothermal activity and gold mineralization. Current regional interpretations of the Red Lake area identify three main deformation events:

- D1: Regional NW-SE shortening, resulting in NE-SW striking folds, thrust faults, thrust related strike-slip faults, quartz veins and penetrative regional foliation (S1) fabric.
- D2: Regional NE-SW shortening resulting in development of pre- to syn-mineralization oblique strike slip fault systems and a fold overprint of the earlier D1 deformation. During D2 deformation in the East Bay area, oblique dextral strike slip faults re-activated D1 thrust faults and associated D1 strike slip faults along a zone of crustal weakness inherited from earlier D1 faulting.
- D3: Regional-scale folding resulting in open folding of D1 and D2 structural features.

6.2 Property Geology

The Phoenix Gold Project area is underlain by a moderately northwest dipping sequence of Balmer Assemblage rocks, comprising submarine tholeiitic basalt, komatiite and komatiitic basalt with minor felsic volcanic rock, iron formation and fine grained clastic metasedimentary rocks. A summary of the stratigraphic units found within the project area is shown in Table 6-1 and Figure 6-4.

Due to the relatively high TiO₂ contents (commonly greater than 2 wt. %), the tholeiitic basalt flows of the Balmer Assemblage may be distinguished from other basaltic sequences in the Red Lake belt, and as a result the unit is locally referred to as High-Ti Basalt.

Table 6-1: Summary of Phoenix Gold Project Stratigraphy to the west of the EBS, from Golder, 2018b, modified from Rigg and Hogg, 2003).

Sequence	Stratigraphy
West Peninsula Sequence	Pillowed to massive basalts with banded iron formation (BIF), graphitic BIF and chert, banded silty to arenaceous sediment/epi-sediments and significant pyrite/pyrrhotite.
Central Basalt Sequence	Pillowed and massive tholeiitic basalts with flow top breccias occasional BIF and (graphitic) argillite.
Intrusive Komatiite Sequence	Massive, spinifex, and columnar jointed basaltic komatiite bounded by Hanging Wall BIF to the east and by Main BIF to the west. BIF possible in central part of sequence.
McFinley Sequence	Bounded to the west by Hanging Wall BIF and to the east by the Footwall BIF. At least five horizons of silica/oxide (carb.) facies BIF within pillowed and amygdaloidal basalt.
Hanging Wall Basalt Sequence (most easterly)	Pillowed to massive, amygdaloidal basalts. Variably carbonate altered, variable foliation.
East Bay Serpentinite	Extrusive and intrusive ultramafic rocks. Variable talcose alteration.
High-Titanium Basalt (High-Ti Basalt)	Variable biotite alteration, sulphides (pyrite, pyrrhotite). Silica flooding, quartz breccia, and quartz veining throughout. The High-Ti Basalt is the principal host to gold mineralization in the F2 Zone. Unit is observed underground and is not mapped at surface.

Cross-cutting relationships indicate that intrusion of felsic dykes and sills (Felsic Intrusive unit) post-dates D1, but occurred pre-D2, as they sometimes exhibit mineralized D2 deformation features. Intermediate to mafic dykes and sills also intrude the volcanic sequence, but are generally less abundant.

The East Bay Deformation Zone (EBDZ) is a northeast-trending, sub-vertical high strain zone that transects the western portion of the deposit. To the east of this structure, komatiite are interlayered with High-Ti Basalt units, but the High-Ti Basalt units are absent to the west.

6.3 Phoenix Gold Project Mineralization

High-Ti basalt is the primary host to gold mineralization, in the form of mineralized quartz-actinolite veins. Mineralization is also associated with disseminated sulphides in the basalt, and to a lesser extent in felsic dykes and sills. Gold mineralization occurred in two main stages: an early stage low-grade mineralization overprinted by D1 and a later, higher grade stage controlled by D2 shear zones.

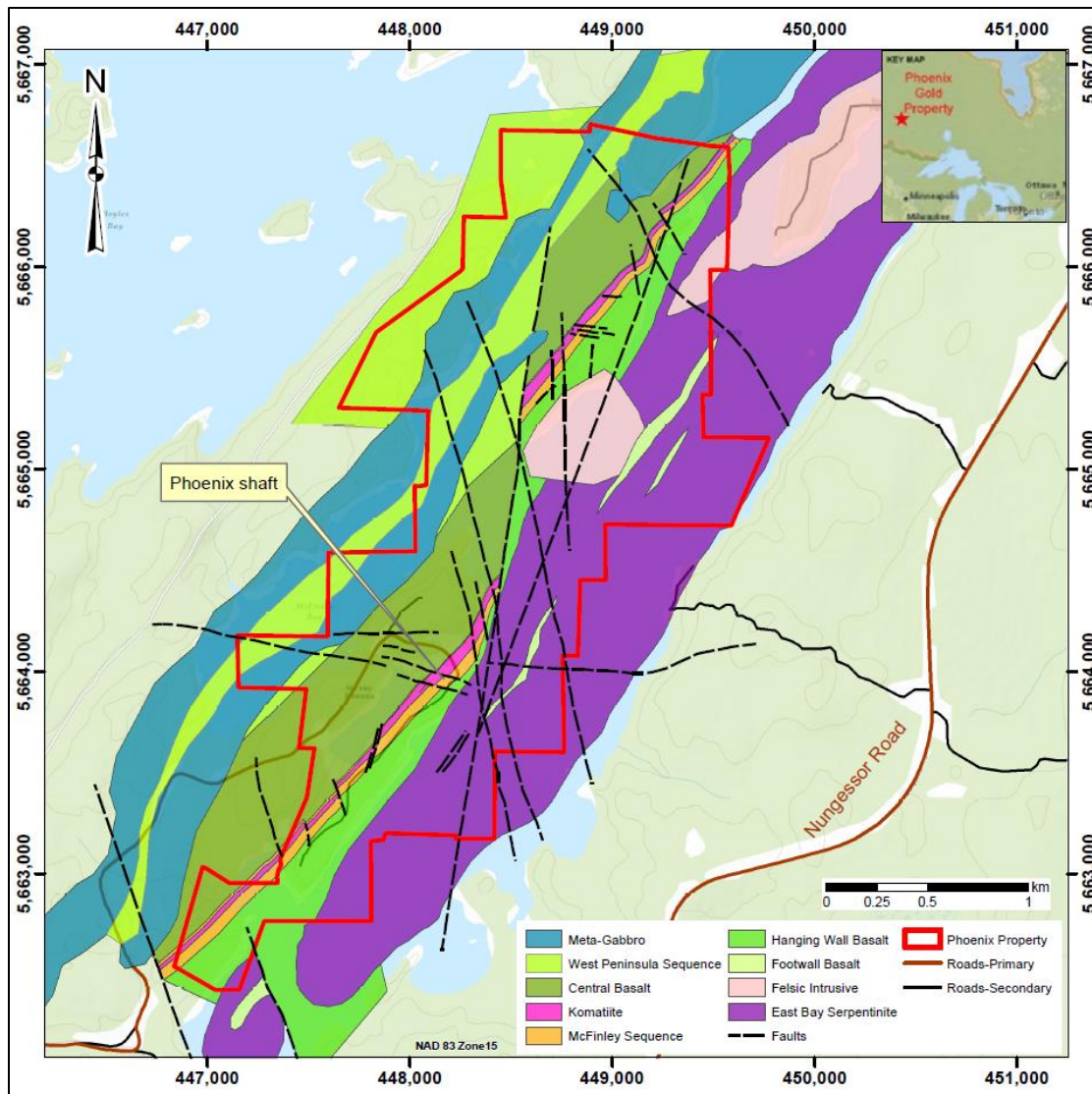


Figure 6-4: Property geology

7 2017 DRILL PROGRAM

Drilling was completed by Boart-Longyear (BLY) of Haileybury, Ontario, using two LM90 underground coring drill rigs with a capacity to recover NQ diameter core to a maximum of 970 to 1,500m length, depending on the attitude of the drill hole. Program support was provided by BLY's satellite office in Cochenour, Ontario, approximately 8 km from the project site.

The 2017 drill program was conducted under the supervision of Rubicon's Chief Mine Geologist. Drill holes were designed primarily to collect oriented drill core measurements to update the Phoenix Gold Project structural model as well as to extend known areas of F2 Zone mineralization. The structural drill program was designed with holes oriented to intercept northeast-southwest trending structures in targeted areas from the 244, 305 and 610 metre levels of the mine. Additionally, seven (7) exploration holes were drilled in September and October from the newly developed 685 level, targeting F2 Zone mineralization at depth. All drilling was completed between March 20, 2017 and October 23, 2017 and comprised 63 holes,

totalling 22,225m of drill core. Figure 7-1 shows the general drill hole location area, while detailed level plans identifying individual drill hole traces are presented in Appendix 1. Table 7-1 summarizes pertinent details for drill holes covered in this report.

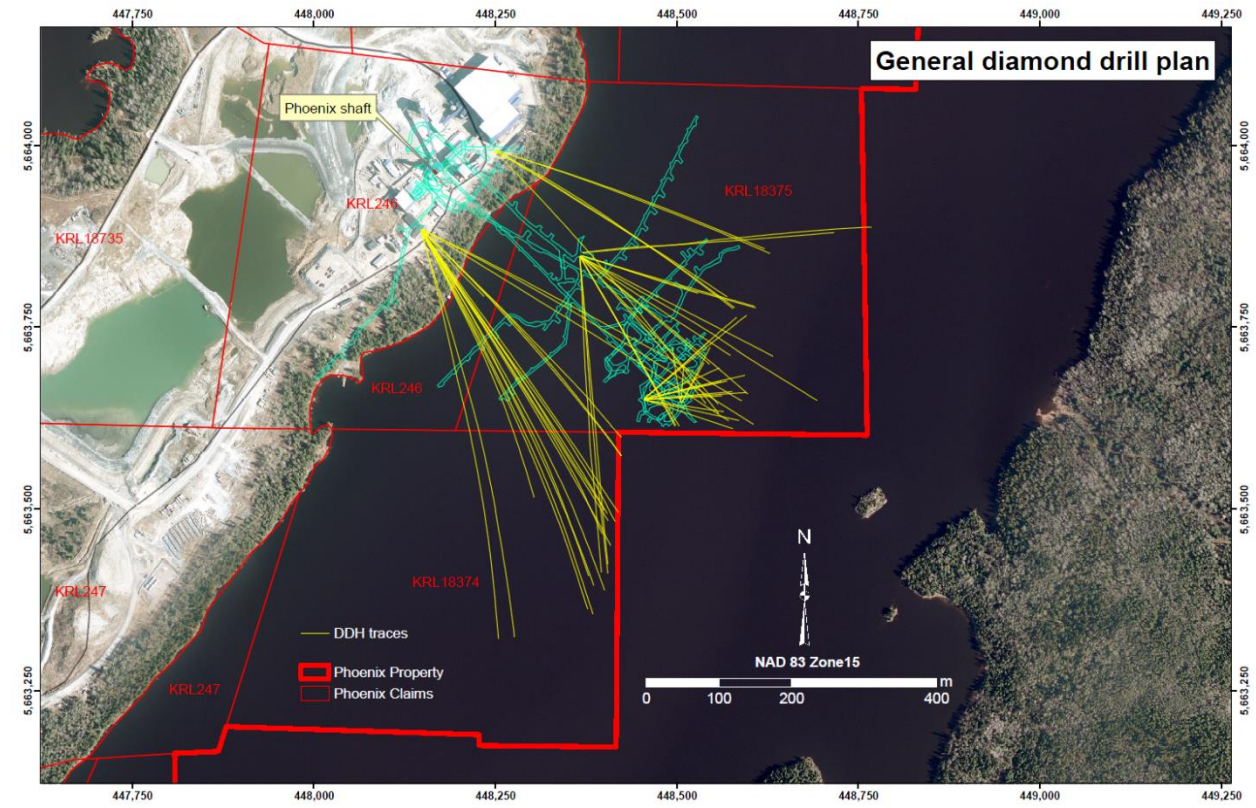


Figure 7-1: General drill hole location plan.

Table 7-1: Drill hole summary table

Hole Name	Collar coordinates (NAD85, Zone 15N)					Length (m)	# Samples	# Assays ²	Drilling start date
	Easting	Northing	Elevation	Azimuth ¹	Dip				
244-17-04	448506.58	5663646.83	127.87	27.74	-30.00	99.0	97	104	05/13/17
244-17-05	448506.67	5663646.94	129.12	28.53	10.00	63.0	48	51	05/14/17
244-17-06	448505.16	5663647.21	128.55	5.63	0.00	48.0	65	71	05/16/17
244-17-07	448504.82	5663647.25	127.97	351.90	-25.00	84.0	71	76	05/15/17
305-17-01	448445.45	5663650.52	66.12	99.84	-42.30	148.5	116	124	03/20/17
305-17-02	448455.39	5663650.47	66.94	101.55	-16.98	140.0	87	92	03/21/17
305-17-03	448455.31	5663650.45	68.10	106.70	12.96	139.8	54	59	03/23/17
305-17-04	448455.37	5663651.02	66.40	89.25	-44.70	150.0	75	81	03/24/17
305-17-05	448455.18	5663651.07	67.11	85.81	-16.53	147.0	77	83	03/25/17
305-17-06	448455.18	5663651.09	68.19	84.59	14.96	125.0	84	91	03/28/17
305-17-07	448455.37	5663651.63	66.17	76.75	-44.94	153.0	84	91	03/28/17
305-17-08	448455.18	5663651.56	67.03	75.70	-17.14	150.0	95	102	03/30/17
305-17-09	448455.07	5663651.52	68.23	77.54	15.28	120.0	104	112	03/31/17
305-17-10	448455.31	5663652.72	65.82	49.40	-45.32	240.0	23	25	04/02/17
305-17-11	448455.19	5663652.61	66.73	50.23	-23.38	201.0	74	78	04/05/17
305-17-12	448454.95	5663652.38	68.07	50.77	11.88	119.3	102	110	04/07/17
305-17-13	448455.12	5663651.83	65.74	69.73	-58.94	216.0	73	75	04/08/17
305-17-14	448366.54	5663847.74	67.02	149.48	-26.94	303.0	198	213	05/18/17
305-17-15	448366.56	5663847.72	66.90	150.66	-33.96	324.0	152	161	05/22/17
305-17-16	448366.56	5663847.71	66.53	149.24	-40.15	360.0	95	102	05/26/17
305-17-17	448366.89	5663847.71	66.68	136.51	-28.88	324.0	122	130	06/01/17
305-17-18	448366.81	5663847.80	66.46	137.24	-39.13	350.0	203	231	06/04/17
305-17-19	448367.18	5663847.84	66.67	127.63	-33.67	360.0	252	285	06/09/17
305-17-20	448367.04	5663847.96	66.44	128.82	-48.05	350.0	378	430	06/13/17
305-17-21	448366.07	5663847.62	67.17	174.94	-23.30	475.0	415	471	06/17/17
305-17-22	448366.07	5663847.56	67.26	175.07	-14.11	450.0	365	416	06/24/17
305-17-23	448365.82	5663847.90	67.11	174.85	-29.97	501.0	340	388	07/01/17
305-17-24	448366.51	5663847.75	66.66	123.58	-44.62	351.0	249	282	07/10/17
305-17-25	448366.76	5663847.75	66.60	119.15	-31.45	351.0	97	113	07/15/17
305-17-26	448366.83	5663847.71	66.94	119.60	-19.35	402.0	193	220	07/20/17
305-17-27	448370.45	5663853.23	66.20	85.25	-29.90	402.0	435	495	07/25/17
305-17-28	448370.19	5663853.22	67.31	84.86	-6.35	402.0	313	355	07/31/17
305-17-29	448369.84	5663848.74	65.79	107.78	-32.39	300.0	114	129	08/05/17
305-17-30	448368.98	5663849.00	65.81	107.05	-44.19	354.0	155	176	08/10/17
305-17-31	448366.41	5663849.71	69.02	107.36	-57.22	321.0	339	389	08/14/17
610L-17-01	448147.77	5663884.47	-237.33	151.39	-6.41	549.0	205	222	05/16/17
610L-17-02	448147.54	5663883.90	-237.24	152.00	17.08	585.0	190	220	05/30/17
610L-17-03	448147.56	5663883.65	-237.58	151.03	-10.50	540.0	87	94	04/26/17

Hole Name	Collar coordinates (NAD85, Zone 15N)					Length (m)	# Samples	# Assays ²	Drilling start date
	Easting	Northing	Elevation	Azimuth ¹	Dip				
610L-17-04	448147.84	5663884.54	-237.08	149.25	5.29	558.0	77	83	05/07/17
610L-17-05	448147.40	5663884.12	-237.73	150.78	8.89	582.0	116	134	05/22/17
610L-17-06	448147.82	5663884.52	-236.96	147.42	3.30	507.0	174	199	06/07/17
610L-17-07	448147.37	5663884.06	-236.95	150.96	7.53	462.0	142	161	08/21/17
610L-17-08	448148.53	5663885.27	-236.81	119.88	9.07	501.0	89	101	06/15/17
610L-17-09	448148.57	5663885.32	-236.77	116.91	9.69	504.0	83	95	06/24/17
610L-17-10	448148.73	5663885.20	-236.50	117.02	14.75	543.0	178	203	07/03/17
610L-17-11A	448148.46	5663885.02	-236.23	134.93	19.59	415.0	132	151	07/11/17
610L-17-12	448148.53	5663885.00	-236.55	134.33	14.07	425.0	122	137	07/26/17
610L-17-13	448148.41	5663885.14	-236.95	134.52	6.52	417.0	156	179	08/01/17
610L-17-14 ³	448148.03	5663884.73	-237.22	136.47	-0.35	126.0	0	0	08/06/17
610L-17-15	448146.82	5663885.29	-236.64	152.66	21.45	418.5	60	69	08/15/17
610L-17-18	448147.77	5663884.61	-237.30	145.80	-7.29	480.0	244	279	09/04/17
610L-17-19	448147.81	5663884.51	-237.27	147.33	-3.54	477.0	239	276	09/13/17
610L-17-20	448147.84	5663884.54	-236.68	145.53	13.13	480.0	201	230	09/19/17
610L-17-21	448147.80	5663884.50	-237.41	149.46	-14.03	504.0	253	290	09/26/17
610L-17-22	448147.86	5663884.56	-237.44	144.71	-19.51	521.0	207	234	10/04/17
610L-17-23	448147.94	5663883.08	-236.85	165.34	0.66	574.0	60	71	10/14/17
610L-17-24	448147.27	5663883.56	-236.89	164.22	6.90	575.0	59	70	10/23/17
685L-17-02	448248.27	5663994.03	-316.76	120.35	2.61	378.0	400	454	09/10/17
685L-17-03	448247.06	5663994.06	-316.79	134.47	2.48	477.0	495	562	09/17/17
685L-17-04B	448249.74	5663994.13	-316.66	106.89	2.73	405.0	418	478	09/26/17
685L-17-05	448249.72	5663994.13	-316.19	107.20	8.90	399.0	266	302	10/03/17
685L-17-06	448248.24	5663994.08	-317.19	120.25	-9.80	402.0	219	248	10/14/17
685L-17-07	448248.12	5663994.23	-316.17	119.32	12.14	402.0	142	162	10/19/17
Totals						22,225.1	10,758	12,115	

¹True azimuth

²Includes analysis of Blind QAQC samples.

³Drill hole was abandoned short of target depth.

7.1 Drill Collar Surveying

Drill hole collar coordinates were surveyed relative to the Phoenix F2 Mine Grid (FMG), which is oriented with grid north in a +45.0° rotation relative to True North (i.e. 0.0/360.0° azimuth in Mine Grid equates to 045.0° azimuth True North). The F2 Mine Grid coordinate system is tied into NAD83-CSRS, UTM Zone 15N as follows (AMC, 2009):

- 10,000m FMG East = 448,167.86m NAD 83-CSRS Easting
- 50,000m FMG North = 5,663,962.85m NAD83-CSRS Northing
- FMG elevation datum = NAD83-CSRS elevation +5,000m

7.2 Drill hole Surveying

Drill hole deviation was monitored every 50m as drilling progressed using a REFLEX Devi-shot instrument. Upon completion of drilling, drill hole trajectories were surveyed at 10m intervals by REFLEX personnel using a REFLEX gyro instrument. Gyro data was given precedence over Devi-shot data in the database. Devi-shot results were retained for drill holes, on occasion, where it was not possible to re-enter the hole to conduct a gyro survey.

7.3 Core Logging and Sampling

Core was delivered daily to the core logging facility located on the Phoenix Project site, where it was washed and logged in detail, then photographed and sampled. Lithological core logs are contained in Appendix 2 and cross-sectional diagrams are presented in Appendix 3.

Note that the azimuth values reported in the header section of diamond drill logs contained in Appendix 2 are documented relative to the Phoenix F2 Mine Grid. To convert to true north azimuth values, 45° must be added. Table 7-1 records the true azimuth of the drill holes.

7.4 Sample Analysis and Security

Rubicon's exploration work was conducted under a quality management system involving all stages of exploration, from drilling to data management. All field data were recorded digitally using standardized templates that ensure all relevant information was captured. A detailed description of Rubicon's sampling procedures is contained in Golder (2018b), and is summarized below.

Samples were cut in half with a diamond blade table saw, then one-half was packed and delivered to the assay laboratory by Rubicon staff. The other half remained in the core box as a witness and library sample.

Assaying was conducted by SGS Mineral Services (SGS) in Red Lake, Ontario. Standard sample protocols for the Phoenix Gold Project include crushing the entire sample to 85% passing 2mm, followed by pulverization of a 500 g-split to 95% passing 150 mesh. Gold was analyzed by fire assay process (with an atomic absorption finish) on a 50-gram subsample. If the sample contained greater than 10 grams per tonne (g/t) gold, fire assay was repeated with a gravimetric finish. Assay certificates for the drill core samples are presented in Appendix 4

7.5 Data Verification

A robust sampling quality control (QC) program utilizing real-time monitoring of internal analytical QC measures and blind external analytical QC measures allowed analytical issues to be identified immediately. In the event of a QC failure, all associated results were rejected from the drill hole database and returned for re-assay. The external analytical QC measures included of insertion of blind control samples (blanks, grade-matched Certified Reference Materials (CRMs), and replicates) in all sample batches submitted for assaying. Additionally, 5% of the sample pulps were resubmitted to Activation Laboratories (Actlabs) in Thunder Bay, ON for check assaying.

Quality control monitoring charts are contained in Appendix 5.

8 2017 STRUCTURAL STUDY

8.1 Introduction

Golder Associates Ltd. was contracted to conduct a deposit-scale structural study on the Phoenix Gold Project in 2017 which included relogging of historical core, oriented core drilling programs, underground structural mapping and reinterpretation, and modelling (Golder, 2018a and 2018b).

Members of the structural geology project team visited the Project site on four occasions to observe oriented core drilling and measurement collection procedures, core logging and sampling procedures and to conduct reconnaissance tours of the underground workings, perform downhole televiewer surveys and perform detailed underground mapping. The site visits were as follows: February 13-17, 2017 (1 Golder staff), April 17-21, 2017 (4 Golder staff), April 10-14, 2017 (1 Golder staff) and June 1-14, 2017 (underground structural mapping program).

Based on observations from the initial site visit in February, Golder prepared a Supplemental Core Logging Protocol for the collection of structural data from oriented core on the Phoenix Gold Project. This protocol was implemented on March 18, 2017. Tasks on the April 17-21 visit included observation of active core logging by Rubicon geologists to ensure the new protocols were being implemented correctly, and review of existing underground mapping. Golder's findings were that level maps were reliable representations of the lithological contacts but were lacking significant structural geologic detail in some areas. It was also identified that there were some significant discrepancies between the structures observed underground compared to mapping and the existing geological model. As a result, a program of detailed underground mapping was added to the study.

On the April 10-14 visit, Golder performed optical and acoustic televiewer downhole surveys on two selected drill holes (drill holes 305-17-07 and 305-17-09), as part of the oriented core drilling and logging process QA/QC review.

Between June 1 to 14, 2017, a senior structural geologist from Terrane Geoscience Inc. was contracted through Golder to conduct detailed structural mapping (1:200 scale), with support from Rubicon personnel (Terrane, 2017). Mapping was focused in areas on 183, 244 and 305 m levels that were selected to best represent structural and mineralization styles observed on the project. The primary objective of the mapping was to identify geological structures and kinematic relationships within the High-Ti Basalt units. Level plans illustrating the detailed structural mapping from this study are presented in Appendix 6.

8.2 Deposit Scale Structural Analysis

Golder's study focused primarily on the evaluation of structural impacts on the geometry and distribution of the mineralization host units (High-Ti Basalt and Felsic Intrusive), and sought to evaluate controls on gold mineralization distribution and identify potential high-grade domains. Statistical and graphical orientation analysis with 3D geological and structural modelling were employed by Golder to evaluate the 2017 data and update the structural interpretation and model.

Oriented core drilling was performed by Boart Longyear personnel using an LM75 drill rig, drilling NQ drill core (47.6 millimetre [mm] core diameter), oriented using the Boart Longyear TruCore™

drill core orientation system. The core orientation markup and structural measurements were performed manually by the Rubicon Mine Geology core logging team in accordance with the guidelines presented in the Project core logging protocol document (Golder, 2017).

Data reduction and conversion from alpha and beta angles to strike and dip measurements was performed in Leapfrog Geo™ software by Rubicon Mine Geology personnel using the downhole survey data. Golder and Terrane performed independent review of the strike and dip calculations using Dips™ software and identified minor differences in some of the calculated orientations; however, these are deemed to be insignificant and attributed to the difference in how the two software packages assign the drill hole deviation data to the intervals (kinks at the survey point for Leapfrog Geo™ versus deviation over the interval for Dips™).

Overall, QA/QC review of the structural data determined that there was good comparison between the televiewer data and the oriented core data for veins and joints; however, there were some issues and inconsistencies in comparing tectonic foliation that suggested the foliation picks in the drill hole may not correlate with the main tectonic foliation measured in the oriented drill core. The discrepancy may have resulted from poor expression of the foliation in the televiewer imagery. As a follow-up, foliation orientation measurements collected during the underground mapping program were compared to the orientations from the oriented drill core and they are within the range of variability observed in the underground foliation measurements. Ultimately, based on the comparison of structural measurements from hole to hole and on the comparison to the structural measurements collected during the underground mapping, Golder and Rubicon deemed the core measurements from the oriented core to be reliable for use

9 INTERPRETATION AND CONCLUSIONS

9.1 Drilling Results

In addition to the collection of structural data from the 2017 drill program drill holes were logged and sampled per Rubicon’s standard core logging procedures to obtain lithological, geotechnical, and assay data, which was instrumental to the advancement of the geological model for F2 Zone mineralization.

Table 9-1 contains a listing of significant assay intervals, as reported in Rubicon’s press release dated February 20, 2018.

Table 9-1: Significant assays reported from 2017 Drill program

HOLE ID	TOTAL DEPTH	FROM	TO	WIDTH	GRADE	
244 m level						
244-17-04	99.0	28.4	39.4	11.1	115.19	
		<i>including</i>	<i>28.4</i>	<i>30.0</i>	<i>1.7</i>	<i>758.70</i>
		<i>including</i>	<i>37.4</i>	<i>39.4</i>	<i>2.0</i>	<i>7.76</i>
244-17-05	42.6	20.6	23.0	2.5	3.11	
			35.0	40.0	5.0	5.17
		<i>including</i>	<i>38.0</i>	<i>40.0</i>	<i>2.0</i>	<i>7.00</i>
244-17-06	48.0	8.7	10.3	1.6	11.62	

HOLE ID	TOTAL DEPTH	FROM	TO	WIDTH	GRADE	
		29.0	33.6	4.7	5.17	
		<i>including</i>	29.0	30.9	1.9	7.40
244-17-07	83.6	21.4	28.5	7.1	5.33	
		<i>including</i>	26.7	28.5	1.8	14.17
			48.5	49.5	1.0	3.82
305 m level						
305-17-01	133.0	27.7	30.0	2.3	15.32	
		<i>including</i>	27.7	29.2	1.5	23.40
			60.6	63.3	2.7	3.95
			70.4	73.4	3.0	4.43
		<i>including</i>	71.2	72.2	1.0	6.61
305-17-02	72.0	36.6	38.0	1.4	5.29	
			44.3	45.6	1.3	5.18
			57.9	59.4	1.5	7.80
305-17-03	66.0	58.5	64.0	5.5	4.69	
		<i>including</i>	58.5	59.5	1.0	9.76
305-17-04	125.7	55.0	59.5	4.5	3.62	
			78.5	80.0	1.5	4.74
			91.0	93.5	2.5	3.69
305-17-05	82.0	40.5	44.0	3.5	7.15	
		<i>including</i>	42.3	44.0	1.7	12.70
			57.0	58.5	1.5	4.64
			63.0	65.0	2.0	3.27
305-17-06	87.2	42.2	45.3	3.1	3.20	
			59.3	71.9	12.6	6.83
		<i>including</i>	59.3	61.0	1.7	29.70
		<i>and including</i>	68.8	70.5	1.7	10.78
305-17-07	146.1	40.0	42.0	2.0	3.32	
			61.1	66.0	4.9	4.27
			89.7	93.4	3.7	3.62
305-17-08	150.0	no significant assays				
305-17-09	108.4	44.0	51.4	7.4	58.22	
		<i>including</i>	49.3	51.4	2.1	199.66
			75.9	80.7	4.8	4.33
305-17-10	69.4	64.8	68.4	3.6	7.75	
		<i>including</i>	66.6	68.4	1.8	13.58
305-17-11	110.0	102.1	105.9	3.9	8.24	
		<i>including</i>	102.1	103.6	1.6	19.83
305-17-12	119.3	98.0	99.5	1.6	5.50	
305-17-13	184.0	46.1	47.2	1.1	4.75	
			55.6	57.0	1.4	5.10
305-17-14	303.0	118.4	127.0	8.6	8.09	

HOLE ID	TOTAL DEPTH	FROM	TO	WIDTH	GRADE
		<i>including</i> 118.4	121.3	2.9	22.27
		284.1	287.3	3.3	6.88
		<i>including</i> 284.1	286.0	2.0	11.17
305-17-15	326.0	130.3	141.1	10.8	8.54
		<i>including</i> 130.3	131.8	1.5	21.90
		<i>and including</i> 139.3	141.1	1.9	23.31
		209.0	211.0	2.0	4.97
		<i>including</i> 210.0	211.0	1.0	9.36
305-17-16	357.9	151.5	157.7	6.2	6.72
		<i>including</i> 151.5	153.3	1.8	16.38
305-17-17	324.0	100.3	102.0	1.7	6.06
305-17-18	331.1	282.6	292.5	10.0	6.13
		<i>including</i> 288.9	292.5	3.7	9.50
305-17-19	360.0	215.8	220.5	4.7	7.78
		231.6	236.0	4.4	4.69
305-17-20	350.0	141.5	143.2	1.7	7.39
		155.3	159.9	4.7	21.52
		<i>including</i> 155.3	156.8	1.5	44.02
		193.0	194.8	1.9	5.61
305-17-21	475.0	111.0	111.5	0.5	4.88
		156.7	157.6	0.9	4.10
		183.0	186.6	3.6	11.06
		<i>including</i> 185.0	186.6	1.6	20.80
		229.5	232.6	3.1	10.12
		<i>including</i> 231.4	232.6	1.2	16.54
		236.5	237.2	0.7	6.16
		264.5	265.6	1.1	6.69
		268.6	268.8	0.3	9.78
		284.0	285.0	1.0	5.97
		351.4	351.8	0.4	4.87
		358.8	359.3	0.5	4.87
305-17-22	442.0	212.3	221.0	8.7	9.78
		<i>including</i> 212.3	218.2	5.9	13.65
		339.8	342.3	2.5	7.41
		357.4	359	1.6	5.13
305-17-23	501.0	213.0	221.0	8.0	1.2
		265.0	269.0	4.0	1.18
		278.5	278.9	0.4	8.25
		317.3	322.0	4.7	1.22
305-17-24	329.0	177.6	178.2	0.6	3.05
		182.7	183.5	0.8	3.73
		192.5	194.2	1.7	4.58

HOLE ID	TOTAL DEPTH	FROM	TO	WIDTH	GRADE
305-17-25	281.4	no significant assays			
305-17-26	138.7	no significant assays			
305-17-27	402.0	172.0	172.5	0.4	3.8
		206.3	207.6	1.3	3.95
		209.8	210.1	0.3	3.85
		397.4	398.7	1.3	1.48
305-17-28	376.2	141.7	143.5	1.8	6.44
		<i>including</i> 141.7	142.4	0.7	12.02
		187.5	189.0	1.5	3.13
		287.7	288.3	0.6	3.33
305-17-29	300.0	109.4	110.4	1.0	4.74
		145.0	146.0	1.0	1.91
		190.0	196.0	6.0	5.24
		<i>including</i> 190.0	192.0	2.0	7.82
305-17-30	351.0	168.0	170.5	2.4	7.76
		<i>including</i> 168.0	169.0	1.0	15.14
		177.0	178.2	1.2	3.36
		180.5	180.9	0.5	3.00
305-17-31	321.0	223.5	225.0	1.6	8.05
		246.1	246.7	0.6	3.16
		292.5	293.7	1.3	5.37
		295.8	297.0	1.2	5.80
610 m level					
610L-17-01	547.3	447.0	451.0	4.0	6.7
		<i>including</i> 448.4	450	1.7	15.1
610L-17-02	543.8	542	543.8	1.8	9.7
610L-17-03	540.0	465.7	467.6	2.0	4.7
		496.4	498.4	2.0	3.3
		507.7	509.2	1.5	6.6
		535.0	537.5	2.5	10.9
<i>including</i>	535.0	536.6	1.6	17.0	
610L-17-04	512.0	434.5	440.0	5.5	9.8
		<i>including</i> 435.5	438.5	3.0	16.8
610L-17-05	496.0	366.5	368.0	1.5	5.4
610L-17-06	507.0	359.0	361.0	2.0	6.6
		373.0	376.0	3.0	6.0
		<i>including</i> 374.4	376.0	1.6	11.4
		442.0	448.5	6.5	12.9
<i>including</i>	442.0	446.6	4.6	17.7	
610L-17-07	462.0	351.7	353.6	1.9	12.8
		<i>including</i> 352.6	353.6	1.0	24.3
		443.5	449.3	5.8	3.6

HOLE ID	TOTAL DEPTH	FROM	TO	WIDTH	GRADE
610L-17-08	424.0	406.5	415.8	9.3	5.2
		<i>including</i> 406.5	410.6	4.1	7.6
610L-17-09	404.5	no significant assays			
610L-17-10	426.0	405.7	407.5	1.8	10.51
		415.6	418.5	2.9	5.8
610L-17-11A	446.7	315.0	317.0	2.0	5.38
		396.0	397.9	1.9	1.33
610L-17-12	414.5	310.0	311.0	1.0	3.4
		317.0	318.0	1.0	3.63
		383.7	384.3	0.6	7.94
		391.0	391.5	0.5	8.19
610L-17-13	435.0	306.7	307.3	0.6	6.52
		328.0	329.8	1.8	4.1
		338.0	340.0	2.0	3.42
		361.7	362.4	0.6	4.6
610L-17-15	418.5	393.0	395.0	2.0	7.3
		<i>including</i> 394.0	395.0	1.0	13.78
610L-17-18	480.0	327.0	330.0	2.9	6.84
		<i>including</i> 327.6	329.2	1.5	12.34
		336.2	337.7	1.6	5.04
		345.7	348.8	3.1	10.04
		<i>including</i> 345.7	347.5	1.8	16.82
		449.4	452.0	2.6	9.24
<i>including</i> 450.9	452.0	1.1	11.51		
464.8	466.1	1.3	8.43		
610L-17-19	477.0	333.0	336.0	3.0	7.64
		<i>including</i> 335.0	336.0	1.0	21.99
		366.1	369.0	2.9	5.29
		<i>including</i> 367.5	368.3	0.8	17.32
		440.3	448.0	7.7	14.3
<i>including</i> 443.2	448.0	4.8	21.43		
610L-17-20	475.0	351.0	354.3	3.3	1.37
		450.7	451.4	0.7	3.73
		453.0	454.1	1.1	3.02
610L-17-21	499.0	329.5	331.0	1.5	4.6
		343.0	345.0	2.0	3.83
		485.5	486.5	1.0	5.75
		494.0	498.0	4.0	7.24
610L-17-22	521.0	359.3	361.1	1.8	3.08
		432.2	432.9	0.8	3.44
		485.4	487.4	2.0	3.17
		512.2	514.0	1.9	4.75



HOLE ID	TOTAL DEPTH	FROM	TO	WIDTH	GRADE
		<i>including</i> 512.2	513.0	0.9	9.48
610L-17-23	525.0	443.9	445.0	1.1	3.20
		449.3	451.8	2.5	18.41
		<i>including</i> 449.7	450.9	1.2	31.14
610L-17-24	568.3	no significant assays			
685 m level					
685L-17-02	378.0	322.0	324.7	2.7	6.62
		<i>including</i> 323.2	324.7	1.5	8.91
		328.1	328.8	0.6	5.46
685L-17-03	477.0	365.3	368.0	2.7	1.72
685L-17-04B	405.0	85.2	88.0	2.8	8.39
		<i>including</i> 85.2	86.2	1.0	16.89
		133.0	134.0	1.0	13.62
		147.0	148.0	1.0	5.32
		322.0	323.7	1.8	3.25
		358.5	361.1	2.6	9.21
		<i>including</i> 358.5	360.0	1.6	13.83
685L-17-05	399.0	128.0	129.0	1.0	2.99
		149.0	150.0	1.0	4.3
		198.0	199.0	1.0	8.77
685L-17-06	402.0	90.0	91.4	1.3	1.79
		102.0	103.9	1.9	2.89
		318.6	322.0	3.4	2.72
		<i>including</i> 319.0	320.1	1.1	5.38
685L-17-07	362.6	312.4	313.4	1.0	2.18
		331.0	332.7	1.7	3.34

9.2 Structural Mapping Results

**Note that Golder's study was conducted relative to mine grid coordinates. For consistency with previously released reports, all orientations in Section 9 are referenced relative to the Phoenix F2 Mine Grid (FMG), as defined in Section 7.1.*

The work completed by Terrane was successful in producing 1:200 scale back mapping for all accessible mineralized zones on the 183, 244 and 305 m levels. Level maps from the underground structural mapping program are contained in Appendix 6. Key observations are summarized below.

The underground structural mapping deformation styles and structural features, although consistent within the same lithology across the different levels, showed distinct differences across lithological boundaries, indicating that the three main rock units in the structural model should be treated as separate structural domains. Key observations, by lithological unit include:

- Ultramafic flows: the ultramafic rocks appear to have localized most of the strain from the EBDZ in a penetrative N-NE trending foliation and localized high-strain zones. N-NE trending foliation and high-strain zones with a mean strike of 015° and dip of 88° were observed over broad intervals on all three mapped levels. Discrete shear zones, some showing sinistral and others showing dextral shear sense, with mean strike of 015° with a sub-vertical dip and associated splays were identified. Fabrics with shallow dips were observed in the ultramafic rocks on all levels. Similar discrete low-angle jointing and veining were found in the felsic dyke and basalt, although not as common. Foliation shows deflection and convergence around the more rigid Felsic Intrusive and High-Ti Basalt units, reflecting the difference in rheological properties between the three main lithological unit types. A distinct lack of quartz veining was noted in the ultramafic rocks and is most likely the result of the rocks having been deformed in a ductile fashion, thereby limiting the formation of pathways for hydrothermal fluids. Some of the lithological contacts display evidence of shearing and an associated increase in talc alteration. Isolated blocks of sheared ultramafic rock occur in basalt on all levels due to a combination of being entrained in shear zones and being offset by brittle NE trending faults.
- Felsic Intrusive: dykes and sills in the map area are highly silicic and blocky. Biotite alteration is common, increasing in content toward the basalt contacts. Five joint sets were noted. The felsic dyke along western contact with west limb basalt displays strong N-S trending cleavage on all three of the mapped levels, indicating the presence of a major thoroughgoing structure that post-dates the dike emplacement. Where present, quartz vein sets display similar orientations to those observed in the High-Ti Basalt.
- High-Ti Basalt: High-Ti Basalt is a massive unit that is notably less deformed than the Ultramafic Flows
 - Discrete shear zones ranging from 0.15 m to 1.5 m wide were observed in association with mineralization in the F2 Zone Basalt on all three levels. Two principal shear orientations were identified, with mean orientations of 258° dipping 70° and 103° dipping 74°. The shear zones appear spatially associated with quartz-sulphide breccia zones with similar bimodal populations of 250° dipping 42° and 102° dipping 73°.
 - Orthogonal vein sets are common with mean orientations of 066° dipping 80° and 101° dipping 78°. The orthogonal veins host sulphide mineralization both as vein-hosted and replacement within the wall rock.
 - N-S trending, steeply dipping to vertical vein sets occur in localised areas.
 - Shallow-dipping tension gash geometry veins with mean orientations of 062° dipping 16°. These predate the orthogonal set and are most common on 244-015DR.
 - Overall, the basalt lacks the pervasive N-NE structural fabric that typifies the ultramafic rocks.

9.3 Structural Study Interpretation

Golder's structural interpretation of the underground mapping and 2017 drill data suggests that although E-W oriented faults and shear zones do appear in the deposit, they are generally more localized in both their lateral and vertical extents than previously interpreted, and do not appear to represent deposit-scale features.

Three main panels of basalt were modelled in the deposit, including the F2 Zone Basalt, the West Limb Basalt and the Hanging Wall Basalt zones, all of which strike N-S and are steeply dipping.

These panels occur in numerous discontinuous segments, broken along both strike and down dip directions.

The discontinuous nature of the basaltic units has the appearance of chocolate-tablet boudinage structure and has been attributed to N-S oriented stretching, associated with deformation along the EBDZ during D1 deformation, and with regional dextral movement during reactivation of the EBDZ during D2. The primary horizontal stretching direction parallels the EBDZ. Emplacement of large plutonic stocks to the northeast and southwest of the area is interpreted to have contributed to a component of dextral-transpression which imparted a lesser vertical component of stretching, resulting in boudinaging of the High-Ti Basalt and Felsic Intrusive units in the vertical plane.

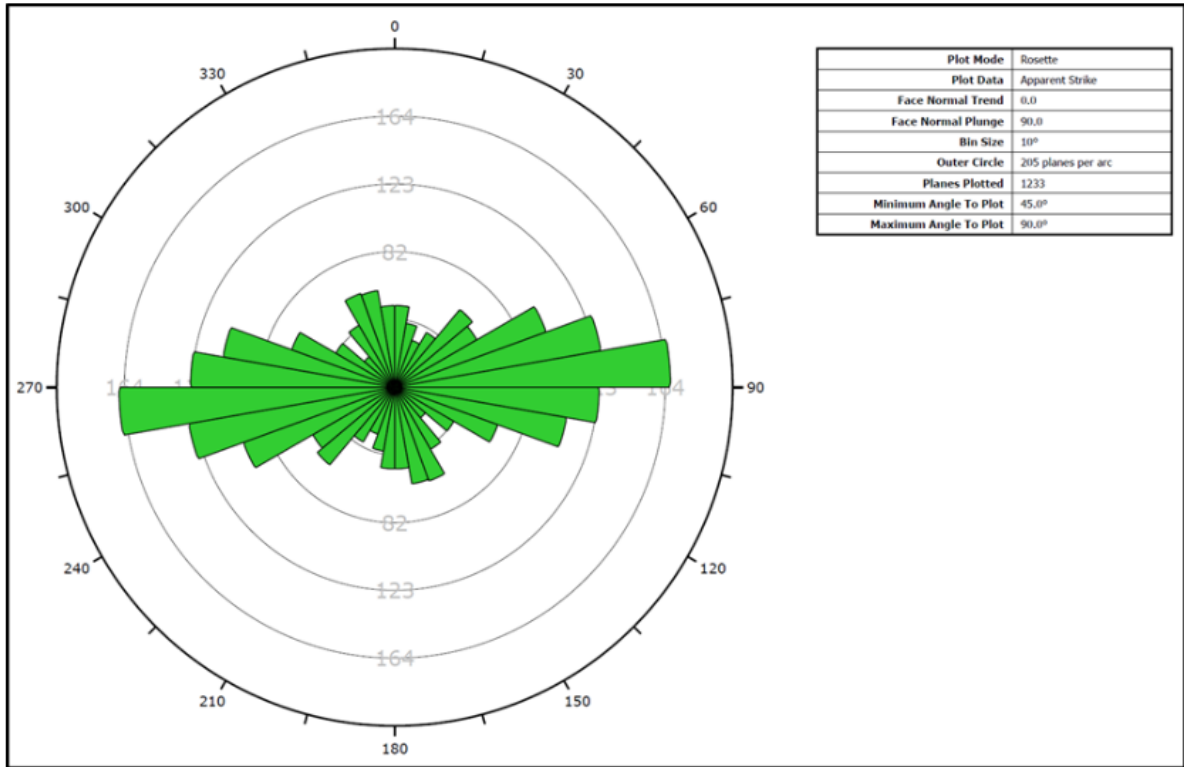
9.4 Quartz Vein Analysis and Interpretation

The Ultramafic Flow units contain rare, isolated quartz veins, as compared to the High-Ti Basalt units. They are narrow (several cm), of limited strike length and are generally not gold-bearing. High-Ti Basalt units commonly contain arrays of quartz veins, occurring as multiple parallel, closely spaced veins. The veins are ubiquitous in the High-Ti Basalt units, with a significant increase in abundance in mineralized areas. Quartz veins are also noted in the Felsic Intrusive unit, but in a lesser abundance, compared with the High-Ti Basalt. They generally are not as commonly associated with elevated gold grades as the High-Ti Basalt, because although the brittle deformation in this unit provided a good structural trap, they were not as chemically receptive to the gold bearing solutions as the iron-rich High-Ti Basalts.

The quartz veins hosted by the High-Ti Basalt and Felsic Intrusive are interpreted as shear and extensional veins developed during brittle deformation of these units during D2 dextral transpression. The various orientations of vein arrays were interpreted as dextral shear-related veins sets, as indicated below.

- Riedel Prime Shear Veins (R'): the most common vein orientation, striking E-W, dipping sub-vertical, orientated at a high angle to the orientation of the EBDZ and showing sinistral shear sense indicators, antithetic to the dextral movement of the EBDZ.
- Riedel Shear Veins (R): striking N-S steeply dipping to sub-vertical, oriented at low angle clockwise to the orientation of the EBDZ, with dextral shear sense indicators synthetic to the dextral movement of the EBDZ.
- P Shear Veins: striking NW-SE steeply dipping to sub-vertical, oriented at low angle counter clockwise to the orientation of the EBDZ, with dextral shear sense indicators synthetic to the dextral movement of the EBDZ.
- Low-angle Veins: shallow dipping to sub-horizontal extensional veins oriented approximately orthogonal to the shear veins, with vertical extensional fabrics.

The vein set relative abundances and orientations are shown in Figure 9-1, with the E-W striking R' shear veins occurring in significantly greater numbers than the other vein types.



Data used for Rose Plots was limited to data with orientation confidence >5, which translates to core orientation lock angles of <10°.

Figure 9-1: Rose Plot of quartz-actinolite veins.

The R', R and P shear veins all host gold mineralization, with the highest gold grade generally occurring within the E-W oriented R' veins.

A spatial association has been noted between Quartz Breccia Zones having the same geometry as R' shear veins and higher-grade gold mineralization in the F2 Zone Basalt. The Quartz Breccia Zones are interpreted to result from multiple opening and sealing events of the R' shear veins. Golder has suggested that the R'-related Quartz Breccia Zones may have developed in areas where their sinistral sense of shear is opposed to the dextral bulk sense of shear. In this stress regime, the R' shear zones may develop into zones of intense deformation, resulting in repeated fracturing and resulting in the creation of high porosity zones for mineralizing fluids.

A clear E-W component is imparted to the high-grade mineralization in areas where thick Quartz-Breccia is associated with a surrounding envelope of increased mineralized quartz-actinolite vein arrays.

The Quartz-Breccia Zones have minor sinistral movement indicated by limited shear sense indicators that include shear fabrics, minor offsets and alignment/imbrication of wall rock fragments entrained in the Quartz-Breccia Zones.

The Quartz-Breccia Zones are discontinuous, occurring primarily within the thickest parts of the F2 Zone Basalt and do not appear to be thoroughgoing (across all units) E-W shear zones or shear veins. A Quartz-Breccia Zone on 305 m level clearly cuts across the multiple panels of basalt and

the thin sliver of ultramafic sandwiched between them. This is attributed to ductile strain partitioning favoured in the more plastic Ultramafic Flow units.

Quartz-Breccia Zones have been identified in the West Limb Basalt, but the best developed zones identified to date are in the F2 Zone Basalt. Evaluation for Quartz-Breccia Zones in the other panels should be a high priority in future exploration and infill drilling.

The final deformation event observed in the deposit resulted in the entire sequence of Ultramafic Flow, High-Ti Basalt and Felsic Intrusive units having been gently folded into a broad open fold with an N-S oriented, subhorizontal fold axis during D3 deformation event. The broad open folding of the stratigraphy is apparent when viewing the deposit on a W-E (north-facing) section. This subtle change in geometry is also observed in the orientation of the quartz-actinolite veins as they undergo a slight change in orientation and their dips shallow slightly with depth below the 610 level.

9.5 Updated Structural Interpretation for Phoenix Gold Project

Based on an analysis of the data and observations obtained during the 2017 structural oriented core drilling and mapping programs, Golder's opinion was that a revision was required to the previous structural interpretation. Golder's conceptual model of the revised structural interpretation is presented in Figure 9-2. The updated structural interpretation and model include the following key elements:

- Removal of all but the EBDZ planar features from the new model. The EBDZ has also been remodelled to show it as a broader zone of high strain in the Ultramafic Flow unit rather than as a discrete feature that is then offset by E-W brittle faulting per the previous model.
- Strain partitioning during D1 and D2 deformation events resulted in ductile deformation of the talc rich Ultramafic Flow units and brittle-ductile deformation of the more resistant High-Ti Basalt and Felsic Intrusive units.
- Ductile behaviour of the Ultramafic Flow unit resulted in generation of the pervasive N-S oriented, steeply dipping to sub vertical S1 penetrative foliation during D1 deformation.
- Brittle-ductile behavior of the High-Ti Basalt units resulted in boudinage of these units with the primary stretching direction paralleling the N-S orientation with a lesser vertical component of stretching such that the boudin necks that bound the High-Ti Basalt panels are arranged in both N-S shallowly dipping and subvertical orientations.
- The High-Ti Basalt is modeled as a series of N-S oriented panels that have been boudinaged during D1 and D2 deformation events so that they form N-S elongated lenses that pinch out at the north and south ends. In some instances there are gaps of tens of metres between boudinaged basalt panels. This geometry is shown in both the N-S planar view and the vertical view.
- Ultramafic Flows and High-Ti Basalt units were intruded by dikes and sills of the Felsic Intrusive unit pre- to syn-mineralization.
- Arrays of quartz-actinolite veins with associated gold mineralization were developed in the more competent High-Ti Basalt and to a lesser degree in the Felsic Intrusive. The R', R and P shear veins all host gold mineralization, with the highest gold grades generally occurring within the E-W oriented R' veins.

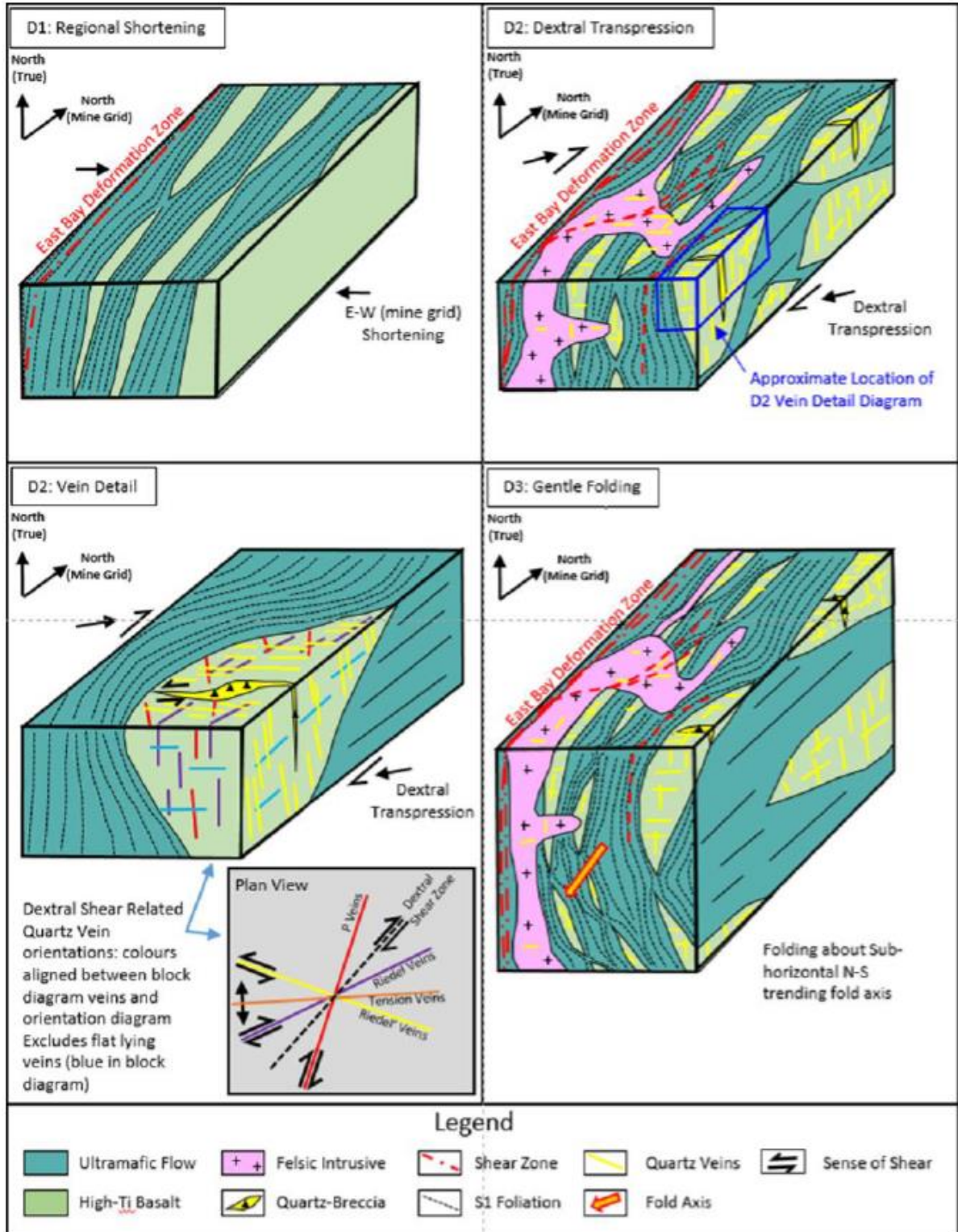


Figure 9-2: Updated Conceptual Structural Model for the Phoenix Gold Project (Golder, 2018a)

10 RECOMMENDATIONS

Further drill testing of Rubicon's Phoenix Gold Project area is recommended, with emphasis on the expansion of known F2 Zone mineralization, which remains open along strike and at depth, as well as other exploration targets on the property. These programs should include collection of structural data from oriented drill core to help advance understanding of controls affecting the distribution of gold mineralization and grade.

Future work programs should incorporate recommendations from Golder's structural model report, which include:

- Continue detailed structural mapping in new development areas or as older inaccessible areas are reopened.
- Continue to orient a portion of future planned drill holes in the N-S orientation to allow for further evaluation of the E-W component of the gold mineralization.
- Continue to collect oriented core from select drill holes (or within the basalt and felsic intrusive units of select drill holes at a minimum) to continue to develop a more robust and spatially extensive database of structural measurements.
- Evaluate the potential for pre-mineralization deposit scale folding as a potential mechanism for explaining the repetitive sequence of basalt and ultramafic panels.
- Explore for additional boudins of basalt along strike and down dip of the known basalt in the F2 Zone Basalt, West Limb Basalt and Hanging Wall Basalt panels.
- Evaluate the potential for steeply plunging ($\sim 70^\circ$) ore shoots in the F2 Zone Basalt and other basalt panels.
- Investigate the West Limb Basalt and the Hanging Wall Basalt zones for additional Quartz-Breccia Zones and or other mineralized structures and vein arrays, particularly those consistent with E-W striking, steeply dipping R' shear orientations.

11 REFERENCES

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12 CERTIFICATES OF AUTHORS

Denise S. Saunders, P. Geo.

I, Denise S. Saunders, P. Geo., of Balmertown Ontario, do hereby certify the following statements:

1. I graduated with a Honours Bachelor of Science (1st Class) in Geology from St. Mary's University in 1985;
2. I am a member in good standing of the Association of Professional Geoscientists of Ontario (APGO), membership number 0893;
3. I have worked as a geologist for a total of 32 years since graduation from university, primarily on advanced gold exploration projects throughout eastern Canada;
4. I am the author of the Technical Report titled "TECHNICAL REPORT ON 2017 DIAMOND DRILL PROGRAM AND STRUCTURAL GEOLOGY STUDIES FOR RUBICON MINERALS CORP, PHOENIX GOLD PROJECT", dated April 30th, 2019;
5. Since April 2017, I have been employed by Rubicon Minerals Corporation as a Project Geologist at the Phoenix Gold Project;
6. To the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make this Technical Report not misleading.

Dated this 30th day of April 2019, in Cochenour, Ontario



Denise S. Saunders, P. Geo.

Statement of Qualifications

I, Dave Heavysege, hereby certify that:

1. I am the author of this report.
2. I have a Bachelor of Science in Geological Sciences from the University of Manitoba, Winnipeg, Manitoba.
3. I am a registered Geologist-In-Training #199314 of the Association of Professional Engineers and Geoscientists of Alberta.
4. I am employed by Rubicon Minerals Corp. at the Phoenix Gold Project.
5. I agree with all the information contained within this report and believe that it is an accurate description of the work performed.
6. I reside in Winnipeg, Manitoba, Canada.

Signed:



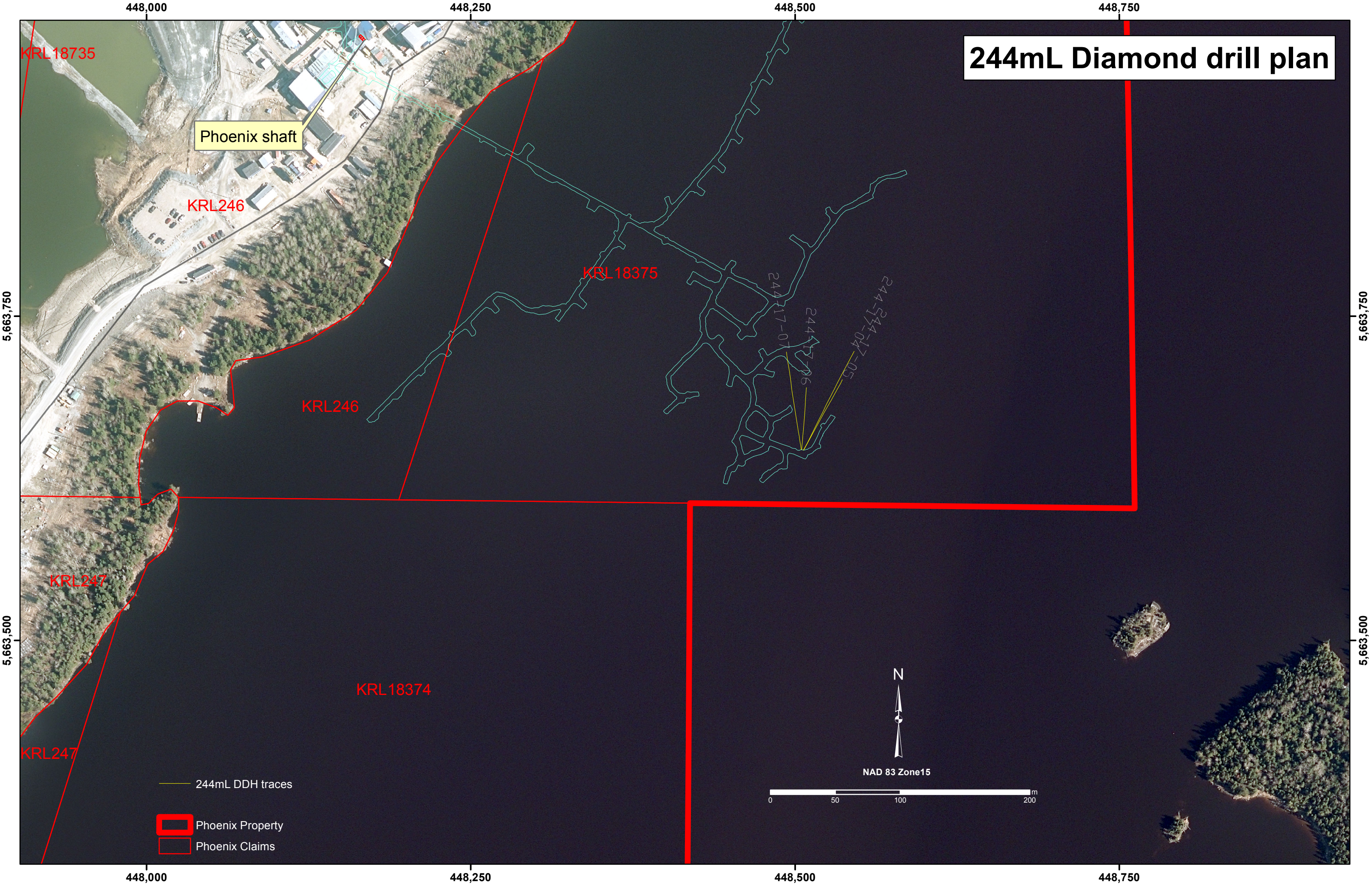
Date: April 30, 2019

APPENDIX 1

Detailed diamond drill plans



244mL Diamond drill plan



Phoenix shaft

KRL246

KRL18375

KRL246

KRL247

KRL18374

KRL247

244mL DDH traces

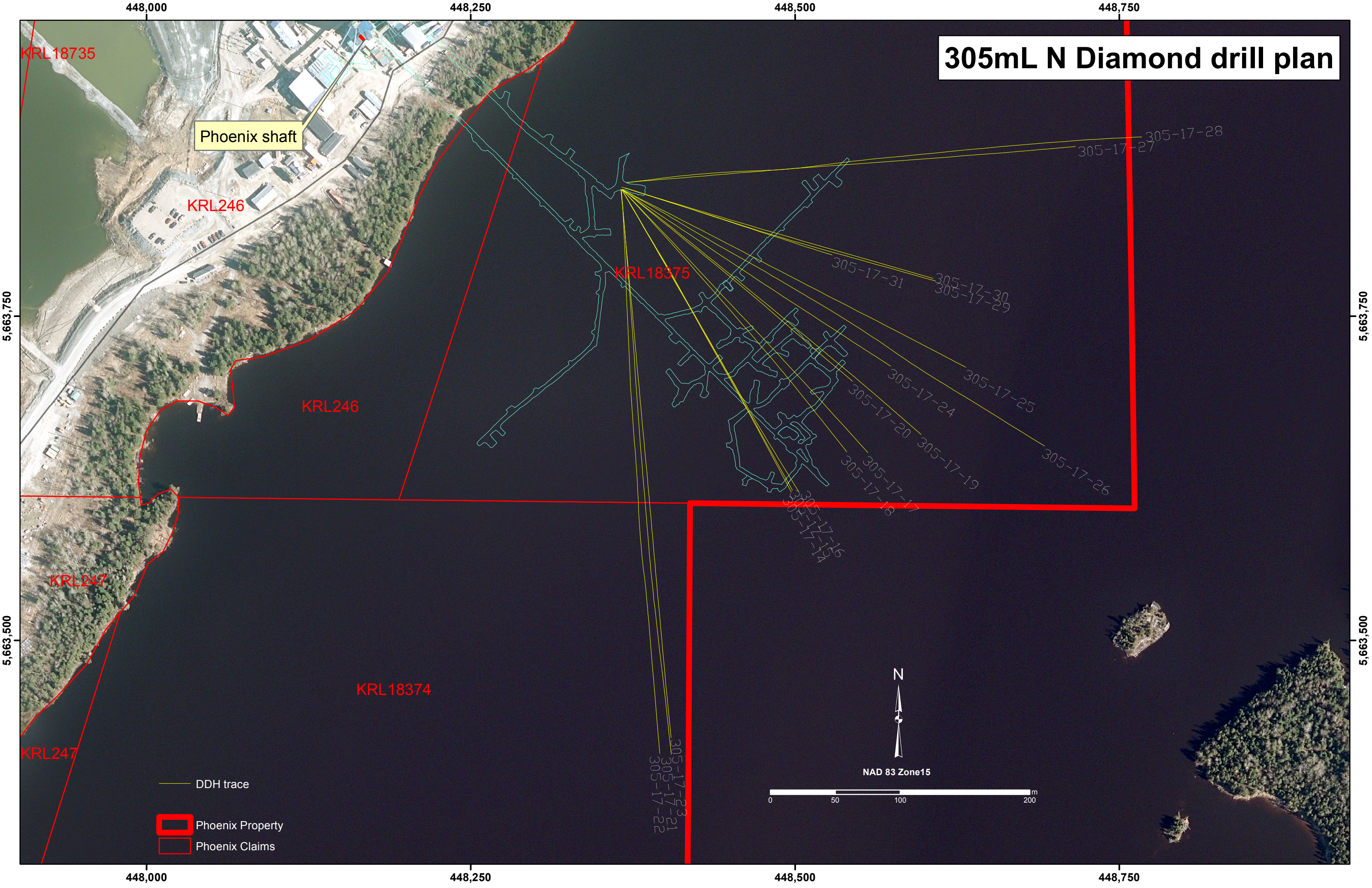
Phoenix Property

Phoenix Claims

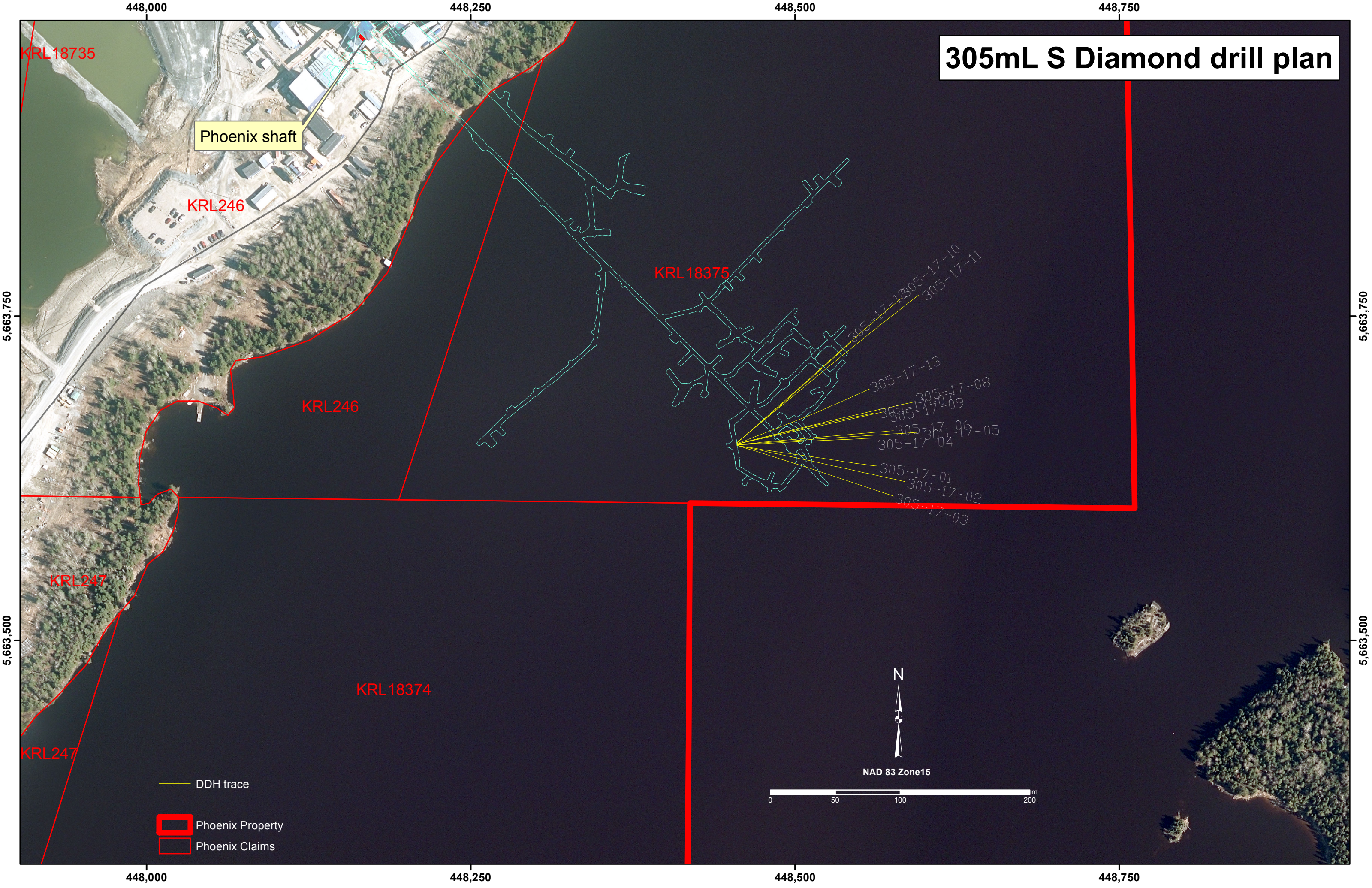
NAD 83 Zone15

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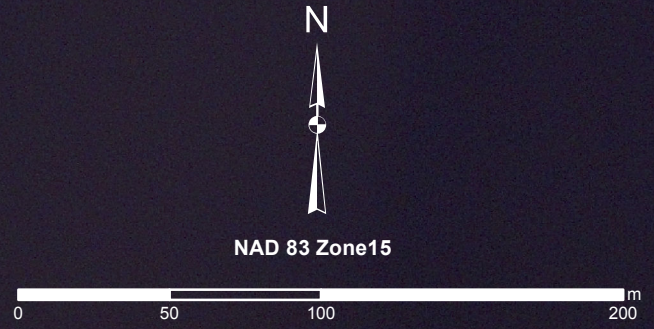
305mL N Diamond drill plan



305mL S Diamond drill plan



- DDH trace
- Phoenix Property
- Phoenix Claims



448,000 448,250 448,500 448,750 449,000

Phoenix shaft

610mL Diamond drill plan

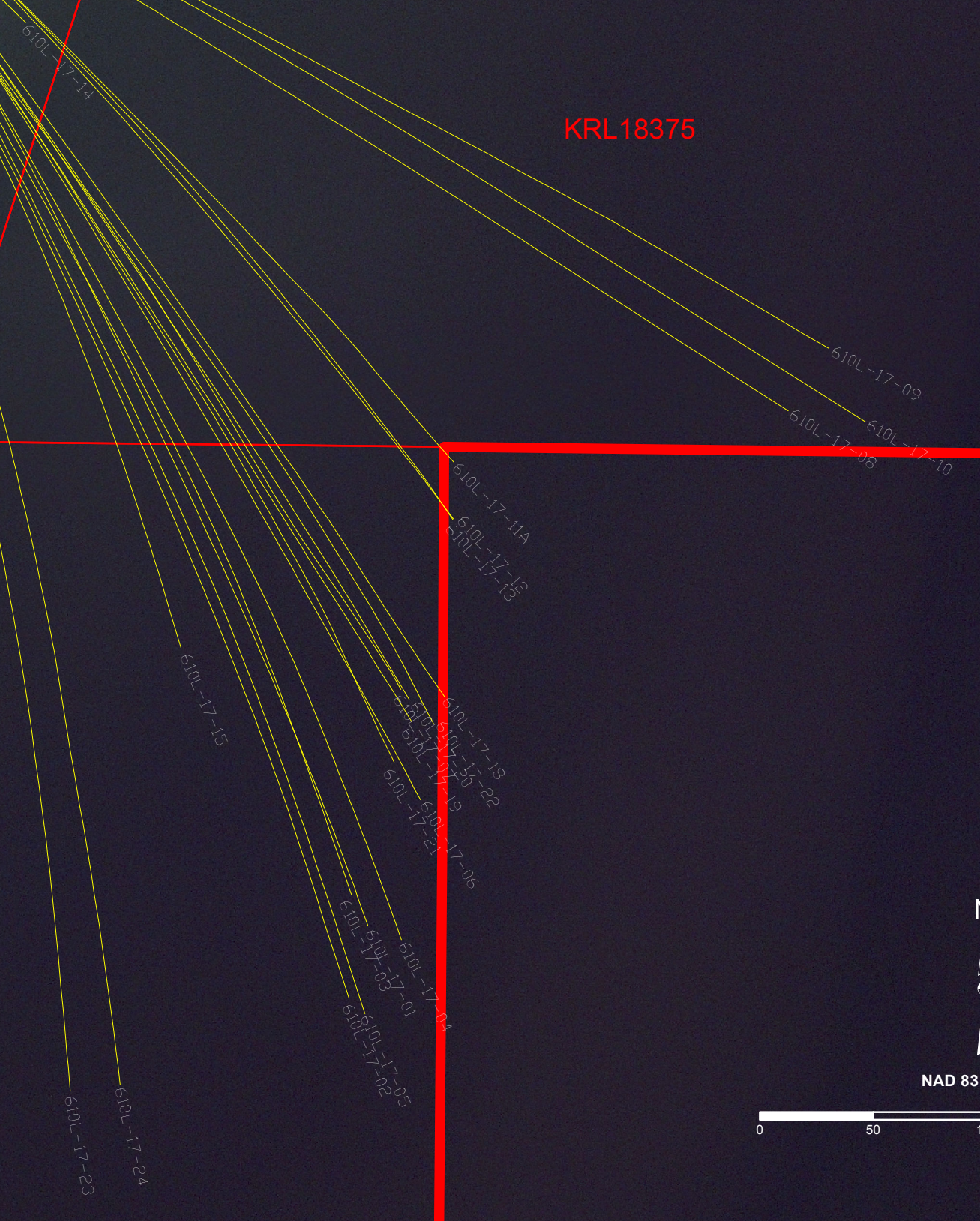
KRL246

KRL18375

KRL246

KRL247

KRL18374






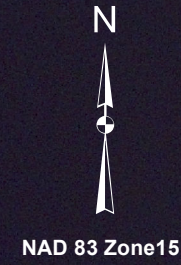
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5,663,750

5,663,500

5,663,500

-  DDH trace
-  Phoenix Property
-  Phoenix Claims

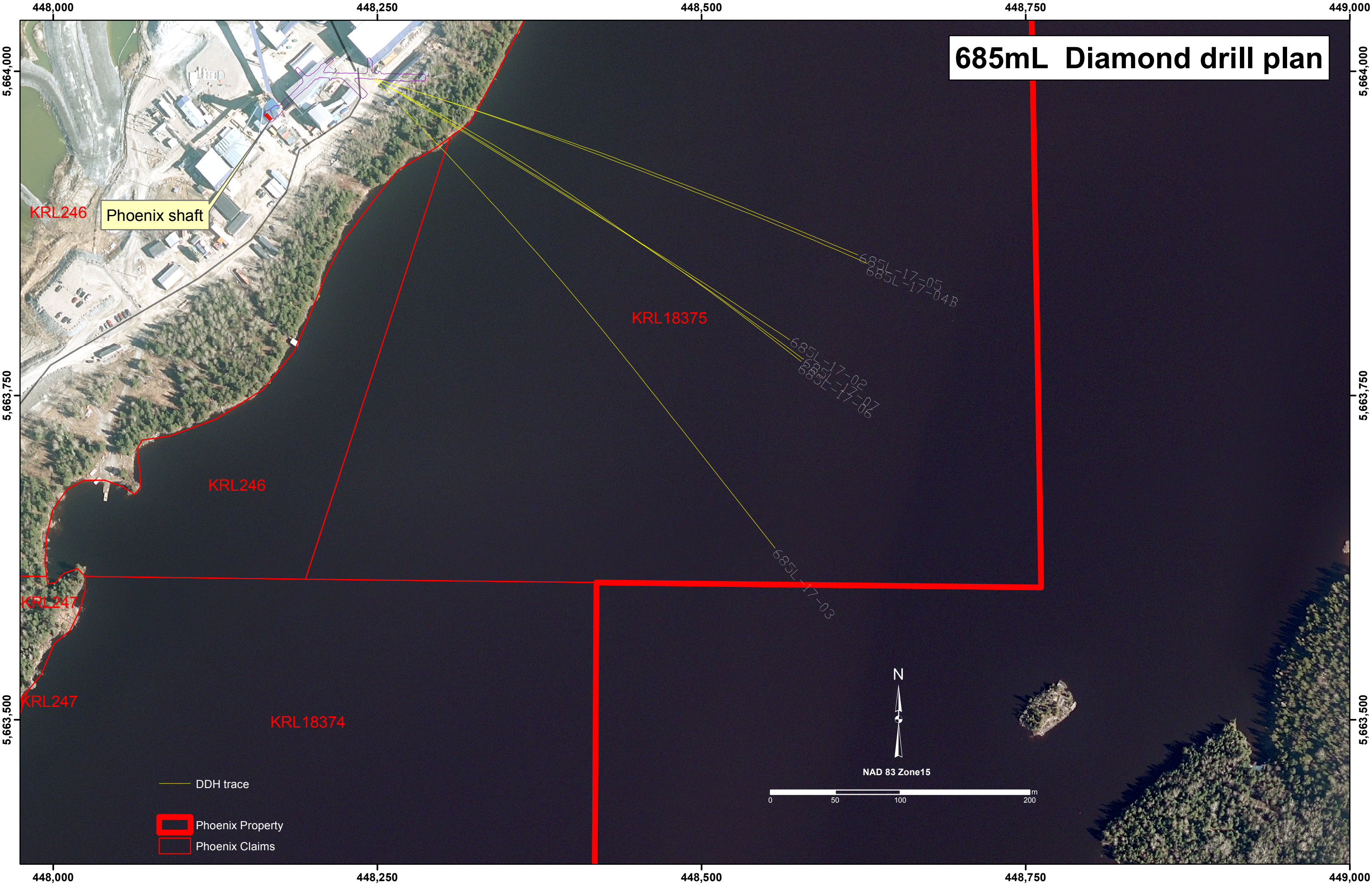


NAD 83 Zone15



448,000 448,250 448,500 448,750 449,000

685mL Diamond drill plan



APPENDIX 2

Lithological core logs





Lithology Units

Code	Rock unit
AGZ	Altered_green_zone
C2	Iron_formation
E0	Ultramafic_flow
EOA	Peridotitic_komatiite
EOB	Komatiitic_basalt
EOT	Talc_rich_unit
EOY	Spinifex_flow
E1A	Basalt
E1H	High_titanium_basalt
E1S	Volcanic_sediments
FLT	Fault_zone
FLTA	Annealed_fault
I0E	Lamprophyre
I1	Mafic_intrusive
I1A	Gabbro
I2	Intermediate_intrusive
I3	Felsic_intrusive
I3R	QFP
I3S	FP
M3F	Biotite_chlorite_schist
P1V	Mafic_Volcaniclastics
R5	Sulphides
R6	Arsenopyrite_silica
SHD	Shear_zone
V	Veining
V1	Carbonate_vein
V1B	Calcite_vein
V1S	Carbonate_vein__with_sulphides
V2	Quartz_vein
V2_BX	Quartz_Vein_with_Fragments
V2A	Quartz_carb_actinolite_vein
V2S	Quartz_vein_with_sulphides
V2T	Quartz_vein_with_tourmaline
V3	Quartz_carbonate_vein
V3M	Quartz_carbonate_vein_with_magnetite
V3S	Quartz_carbonate_vein_with_sulphides
ZCS	Casing_no_recovery
ZEH	End_of_Hole
ZGC	Ground_core
ZLC	Lost_core



Geological qualifiers

Geo_Qlf	Geo_Qlf_Name
GS0	Aphanitic
GS1	Grain size fine
GS2	Grain size medium
GS3	Grain size coarse
AGG	Agglomeratic
ALT	Altered
AMY	Amygdaloidal
ASH	Ash
BAN	Banded
BED	Bedded
BLK	Blocky
BOU	Boudinage
BQE	"blue quartz eyes"
BRX	Brecciated
CHM	Chilled margin
CST	"Chert sutures"
COL	Colloform / crustiform
CRN	Crenulated
CRX	Crystalline
DEF	Deformed - moderately
ELG	Elongated
FLA	Flattened
FLT	Faulted
FLD	Folded
FOL	Foliated
FRA	Fractured
FRG	Fragmental
FTB	Flow top breccia
GLS	Glassy
GNS	Gneissic
HET	Heterogeneous
HOM	Homogeneous
HYA	Hyaloclastic
IRG	Irregular
LAM	Laminated
MAS	Massive
PEG	Pegmatitic
PIL	Pillowed
PLA	Planar

Geological qualifiers (continued)

Geo_Qlf	Geo_Qlf_Name
PHE	Phenocrystic
POR	Porphyritic
PFB	Porphyroblastic
PYR	Pyroclastic
RCX	Recrystallized
RIB	Ribboned
SCH	Schistose
SHD	Sheared
SPH	Spherulitic
SPN	Spinifex
STK	Stockwork
STR	Striated
SUC	clasts support
SUM	matrix support
TUF	Tuffaceous
VAR	Variolitic
VES	Vesicular
VND	Veined
VOL	Volcaniclastic
VSH	Sheeted veinlets
XEN	Xenolithic
DEFW	Deformed - weakly
DEFS	Deformed - strongly
PIS	Pisolitic
HEA	Healed
BRK	Broken
MEL	Melanocratic
MES	Mesocratic
MIN	Mineralized
CHT	Cherty
UND	Undeformed
TRS	Transitional
MAG	magnetic
INT	inter-layered
GRA	graphitic
SPT	Spotty
APH	Aphyric
SHT	Sheeted
SMA	Semi-massive

Colours

Geo_Colour	Geo_Colour_Name
BLK	Black
GXD	Grey_Dark
GYL	Grey_Light
GYM	Grey_Mix
GND	Green_Dark
GNL	Green_Light
GNM	Green_Mix
BND	Brown_Dark
BNL	Brown_Light
BNM	Brown_Mix
BEI	Beige
BUF	Buff
WHT	White
MIX	Mixed
GN	Green
GY	Grey
BN	Brown
BLU	Blue
PNK	Pink
ORG	Orange
YEL	Yellow

Vein Habit

Geo_Veinhabit	Geo_Veinhabit_Name
F	Vein with Fragments
L	Veinlet Zone
S	Stringer Zone
M	Massive Vein
X	Mineralized (potentially)
VG	Visible Gold
C	Chaotic Veining
A	Anastomosing Vein
N	Network Veining
P	Parallel
J	Conjugate



Alteration type

Alt_Type	Alt_Type_Name
AC	Actinolite
ALM	Aluminous
AMP	Amphibole
BIO	Biotite
BLE	Bleaching
CB	Carbonate
CBA	Ankerite
CBC	Calcite
CBD	Dolomite-magnesite
CHL	Chlorite
CHT	Chloritoid
EPD	Epidote
FUC	Fuchsite
GRN	Garnet
HEM	Hematite
KFP	K-feldspar
MAG	Magnetite
OXD	Oxidized
REP	Replacement (arsenopyrite/silica)
SER	Sericite
SIL	Silicification
SRP	Serpentine
SUL	Sulphides rich
TLC	Talc
TRM	Tourmaline

Alteration intensity

Alt_Intensity	Alt_Intensity_Name
0	Trace
1	Weak
2	Moderate
3	Strong
4	Very strong
5	Complete

Alteration texture

Alt_Texture	Alt_Texture_Name
BAN	Banded
LOC	Localized
PRV	Pervasive
SPT	Spotty
VND	Veined
HAL	Haloed
FF	Fracture Filling
PCH	Patchy

Mineral type

Min_Type	Min_Type_Name
AB	Albite
AC	actinote
AD	Andalusite
AG	Silver
AK	ankerite
AM	amphibole
AO	asbestos
AS	arsenopyrite
BN	bornite
BO	biotite
CB	carbonate
CC	calcite
CD	cordierite
CG	cummingtonite
CH	chert
CI	cinnabar
CL	chlorite
CP	chalcopyrite
CU	Copper
DP	Diopside
EP	epidote
FC	fuchsite
FK	K-feldspar
FP	feldspar
GA	galena
GP	graphite
GR	garnet
HB	Hornblend
HL	halite
HE	hematite
IM	ilmenite
IO	iron oxyde
JP	jasper
MT	magnetite
MI	mica
MO	Molybdenite
MU	muscovite
PG	plagioclase
PH	phlogopite
PO	pyrrhotite
PX	pyroxene
PY	pyrite
QE	quartz eye
QZ	quartz

Mineral type (continued)

Min_Type	Min_Type_Name
RL	rutile
SB	stibnite
SC	scheelite
SP	sphalerite
SU	sulphide
SR	sericite
ST	serpentine
TC	talc
TM	tourmaline
TT	tetrahedrite / misc sulphosalt
VG	Visible gold
GN	grunnerite

Mineral Grain size

Min_Grainsize	Min_Grainsize_Name
GS1	fine
GS2	medium
GS3	coarse

Mineral Habit

Min_Habit	Min_Habit_Name
ACI	Acicular
BAN	Banded
BLB	Blebs
CRX	Crystalline
CTG	Coatings
DEF	Deformed
DIS	Disseminated
ELG	Elongated
FLA	Flattened
FLK	Flakes
MAS	Massive
NOD	Nodules
RAD	Radiated
SCT	Scattered grains
SMA	Semi-Massive
SPK	Specks
STR	Stringers
TAB	Tabular
THD	Threads
FRA	Fracture
SPT	Spotty



Structure type

Str_Type	Str_Type_Name
AXP	Axial plane
BAN	Banding
BED	Bedding
BEDF	Bedding folded
BOU	Boudin axis
CB	Contact broken
CC	Contact chilled
CD	Contact dyke
CG	Contact gradational
CI	Contact irregular
CLE	Cleavage
CM	Contact mineralized
CRN	Crenulation
CS	Contact sharp
CT	Contact tectonic
CU	Contact undefined
CV	Contact vein
ELG	Elongated object
FLD	Fold axis
FLDP	Fold plane
FLT	Fault
FLT1	Black line
FLT2	breccia
FLT3	carbonate breccia
FLT4	cataclasite
FLT5	gouge
FLT6	pseudotachylite
FOL	Foliation
FOLA	anastomosed
FOLP	planar
FRA	Fracture
GNS	Gneiss banding
JNT	Joint

Structure type (continued)

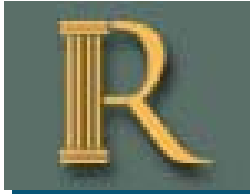
Str_Type	Str_Type_Name
L	Lineation
LAM	Laminations
LI	intersection
LM	mineral
LS	stretching
R	Host rock replacement
R4	magnetite
R5	sulphides
R6	arsenopyrite-silica
SCH	Shistosity
SHD	Shear
V	Veining
V1	Carbonate Vein
V1A	Ankerite Vein
V1B	Calcite Vein
V1M	carbonate vein with magnetite
V1S	carbonate vein with sulphides
V2	Quartz Vein
V2_BX	Quartz Vein with Brecciated Fragments
V2_E	Extension vein - Quartz
V2A	Quartz-carb actinolite vein
V2M	quartz vein with magnetite
V2S	quartz vein with sulphides
V2T	quartz vein with tourmaline
V3	Quartz-carbonate Vein
V3M	quartz-carbonate vein with magnetite
V3S	quartz-carbonate vein with sulphides
V3T	quartz-carbonate vein with tourmaline
V4	Magnetite Vein
V5	Sulphides Vein
V7	Calc-silicate Vein
V8	Skarn Vein
V9	Phyllosilicate veinlets

Structure intensity

Str_Intensity	Str_Intensity_Name
1	Weak
2	Moderate
3	Strong
4	Very strong

Structure Generation

Str_Generation	Str_Generation_Name
0	D0 event
1	D1 event
2	D2 event
3	D3 event
U	Unspecified



DRILL HOLE REPORT

Hole Number **244-17-04**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 342.74	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -30	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 99	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 13-May-17	Cemented: yes	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 14-May-17				Surveyed: yes
Logged: 23-May-17				Surveyed by: Zoltan Peter
Comment:				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10462.972	East: 448506.58	Left in hole:
		North: 50016.047	North: 5663646.83	Making water: no
		Elev.: 5127.865	Elev.: 127.86	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	342.74	-30.00	C	<input checked="" type="checkbox"/>	
15.00	341.80	-29.40	DeviSh ot	<input checked="" type="checkbox"/>	
45.00	341.17	-30.16	DeviSh ot	<input checked="" type="checkbox"/>	
75.00	342.82	-30.54	DeviSh ot	<input checked="" type="checkbox"/>	
99.00	343.20	-30.70	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
0.00	7.00	Feature 1	PED36648	0.00	1.00	1.00	0.23	0.226	-	-	226.00
		Type	PED36649	1.00	2.00	1.00	0.34	0.342	-	-	342.00
		I3 Felsic_intrusive	PED36650	2.00	3.00	1.00	0.12	0.120	-	-	120.00
		QLF: GS1 FOL	PED36651	3.00	4.00	1.00	0.07	0.068	-	-	68.00
		Felsic Dyke; Light Pink/Brown to Med grey; 10% smokey grey qtz stringers representing 3+ generation with the smallest trace of Py; LCT 70 TCA	PED36652	4.00	4.95	0.95	0.13	0.126	-	-	126.00
			PED36653	4.95	6.00	1.05	2.39	2.390	-	-	2386.00
			PED36654	6.00	7.00	1.00	0.12	0.122	-	-	122.00
		Alteration : Type/Intensity/Texture									
		BIO 1 PRV									
		Feature 2:									
		Type									
		V2 Quartz_vein									
		QLF: GS1 FOL									
		Alteration : Type/Intensity/Texture									
		SIL 3 VND									
7.00	14.25	Feature 1	PED36655	7.00	7.75	0.75	0.04	0.043	-	-	43.00
		Type	PED36656	7.75	8.40	0.65	0.07	0.069	-	-	69.00
		E0B Komatiitic_basalt	PED36657	8.40	9.30	0.90	0.09	0.093	-	-	93.00
		QLF: BRX GS1	PED36658	9.30	10.05	0.75	0.01	0.009	-	-	9.00
		Med Green to Dark Brown/Black; VFG; foliated/brx with irregular orientation; minor faulting 30 TCA	PED36659	10.05	11.05	1.00	0.03	0.029	-	-	29.00
			PED36660	11.05	12.20	1.15	0.03	0.025	-	-	25.00
			PED36661	12.20	13.25	1.05	0.03	0.027	-	-	27.00
			PED36662	13.25	14.25	1.00	0.08	0.076	-	-	76.00



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	AA				
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
14.25	35.70	Feature 1	PED36663	14.25	15.20	0.95	0.11	0.114	-	-	114.00
		Type	PED36664	15.20	16.00	0.80	1.39	1.390	-	-	1389.00
		E1H High_titanium_basalt	PED36665	16.00	17.00	1.00	0.94	0.944	-	-	944.00
		QLF: GS1 FOL	PED36666	17.00	17.95	0.95	0.65	0.653	-	-	653.00
		Dark Brown/Green; Aphanitic-VFG; banded wk-mod chlorite alteration; 2-3% mm-scale Qtz-carb veinlets with 2+ generations of veining; LCT grading into R5 Replacement	PED36667	17.95	18.60	0.65	2.94	2.940	-	-	2940.00
			PED36668	18.60	19.60	1.00	0.00	<0.005	-	-	5.00
			PED36669	19.60	20.60	1.00	0.03	0.034	-	-	34.00
		Alteration :	PED36671	20.60	21.30	0.70	1.08	1.080	-	-	1084.00
		Type/Intensity/Texture	PED36672	21.30	21.75	0.45	0.17	0.166	-	-	166.00
		SIL 1 PRV	PED36673	21.75	22.05	0.30	6.17	6.170	-	-	3172.00
		BIO 2 PRV	PED36674	22.05	23.05	1.00	1.70	1.700	-	-	1702.00
		Structure:	PED36675	23.05	24.05	1.00	1.25	1.250	-	-	1254.00
	32.85 - 33.70	Alpha: 20	PED36676	24.05	24.95	0.90	1.50	1.500	-	-	1504.00
		Beta: 0	PED36677	24.95	25.55	0.60	0.42	0.423	-	-	423.00
		Type/GEN/Intensity	PED36678	25.55	26.10	0.55	0.33	0.330	-	-	330.00
		FLT 3	PED36679	26.10	27.00	0.90	0.46	0.461	-	-	461.00
		V2_BX 3	PED36680	27.00	27.55	0.55	0.07	0.073	-	-	73.00
		CA1: CA2:	PED36681	27.55	28.35	0.80	0.41	0.409	-	-	409.00
		15 20	PED36682	28.35	29.25	0.90	1390.65	>10.00	1390.65	-	0000.00
		15 20	PED36683	29.25	30.00	0.75	0.31	0.309	-	-	309.00
		Mineralization Maj. :	PED36684	30.00	31.00	1.00	0.41	0.408	-	-	408.00
	24.05 - 27.55	PY GS1 1 DIS	PED36686	31.00	31.80	0.80	0.28	0.284	-	-	284.00
	24.05 - 27.55	PO GS1 1 DIS	PED36687	31.80	32.85	1.05	0.48	0.482	-	-	482.00
	27.55 - 30.00	PY GS1 1 DIS	PED36688	32.85	33.70	0.85	0.32	0.321	-	-	321.00
	27.55 - 30.00	PO GS1 2 DIS	PED36689	33.70	34.70	1.00	1.09	1.090	-	-	1086.00
	31.80 - 33.70	PY GS1	PED36690	34.70	35.70	1.00	0.18	0.184	-	-	184.00
	31.80 - 33.70	PO GS1 1 DIS									
		Comment									
		Dism sulphides adjacent to mm-scale veinlets in E1H									
		Dism sulphides adjacent to mm-scale veinlets in E1H									
		Dism sulphides in E1h									
		Dism sulphides in E1h									
		Qtz veining // to faulting; trace sulphides									
		Qtz veining // to faulting; trace sulphides									



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
35.70	39.40	Feature 1	PED36691	35.70	36.30	0.60	0.77	0.770	-	-	770.00
		Type	PED36692	36.30	36.95	0.65	2.20	2.200	-	-	2198.00
		R5 Sulphides	PED36693	36.95	37.40	0.45	2.01	2.010	-	-	2011.00
		QLF: MIN SHD ALT	PED36694	37.40	38.05	0.65	3.99	3.990	-	-	3985.00
		Sulphide-Replaced Hi Ti; med-dark grey/brown; Aphanitic-VFG; interval moderately silicified; ~7% mm-cm Qtz actinolite veinlets 55 TCA; mineralization predominatly in silicified E1H adjacent to veining; LCT gradational back into Hi Ti	PED36695	38.05	38.90	0.85	7.38	7.380	-	-	7380.00
			PED36696	38.90	39.40	0.50	13.30	>10.000	13.30	-	0000.00
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		SIL 3 PRV									
		Structure:									
	36.30 - 36.95	Alpha: 50	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		V2 2	50 50								
		R5 2	50 50								
	36.95 - 37.40	Alpha: 40	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		SHD 3	40 40								
	37.40 - 39.40	Alpha: 50	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		R5 3	50 50								
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	35.70 - 38.90	PY GS1 3 DIS	FG Sulphides assoc w/ silicification of Hi Ti Basalt adjacent to Qtz veining								
	35.70 - 38.90	PO GS1 7 DIS	FG Sulphides assoc w/ silicification of Hi Ti Basalt adjacent to Qtz veining								
	38.90 - 39.40	PO GS1 10 DIS	FG Sulphides assoc w/ silicification of Hi Ti Basalt adjacent to Qtz veining								
	38.90 - 39.40	PY GS1 30 CRX	FG Sulphides assoc w/ silicification of Hi Ti Basalt adjacent to Qtz veining								



LITHOLOGY REPORT - Detailed -

Hole Number **244-17-04**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Vein contact sheared; LCT 65 TCA										
		Alteration :										
		Type/Intensity/Texture										
		AMP										
		SIL										
		BIO										
		Structure:										
		42.70 - 43.35 Alpha: 55 Beta: 0										
		Type/GEN/Intensity										
		V2S 3 CA1: 55 CA2: 70										
		Mineralization Maj. :										
		Type/GSZ%/HABIT										
		42.05 - 43.45 PY GS1 5 DIS Comment										
		Minor sulphide replacement at E1H/E0T contact										
		42.05 - 43.45 PO GS1 10 DIS Minor sulphide replacement at E1H/E0T contact										
		Minor sulphide replacement at E1H/E0T contact										
		Feature 2:										
		Type										
		Dyke % Thickness Colour Vein										
		R5 Sulphides <input type="checkbox"/> 60 0										
		QLF:										
43.45	72.20	Feature 1										
		Type										
		Dyke % Thickness Colour Vein										
		E0T Talc_rich_unit <input type="checkbox"/> 0 0										
		QLF: FOL SHD GS1										
		Talc Unit; Lt-Med Green; med grey talcose stringers; mod fabric throughout 65 TCA; deformation increasing downhole with shearing and Qtz actinolite veinng increasing from 69.3-72.2 m; LCT 60 TCA										
				PED36707	43.45	43.95	0.50	0.04	0.043	-	-	43.00
				PED36708	43.95	44.95	1.00	0.01	0.008	-	-	8.00
				PED36709	68.30	69.30	1.00	0.00	<0.005	-	-	5.00
				PED36710	69.30	70.30	1.00	0.01	0.009	-	-	9.00
				PED36711	70.30	71.15	0.85	0.09	0.087	-	-	87.00
				PED36712	71.15	72.20	1.05	0.89	0.894	-	-	894.00



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-04**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		TLC									
72.20	81.70	Feature 1	PED36713	72.20	73.00	0.80	3.18	3.180	-	-	3183.00
		Type	PED36714	73.00	73.95	0.95	2.11	2.110	-	-	2113.00
		Dyke % Thickness Colour Vein	PED36715	73.95	74.80	0.85	0.13	0.134	-	-	134.00
		E1H High_titanium_basalt □ 0 0	PED36716	74.80	75.25	0.45	0.94	0.941	-	-	941.00
		QLF: GS1 BRX FLA	PED36717	75.25	75.95	0.70	0.76	0.759	-	-	759.00
		Hi Ti Basalt; Dark Brown/Green; Aphanitic-VFG; banded wk-mod chlorite alteration; 2% mm-scale qtz-carb veinlets with 2+ generations of veining; LCT with E0T sharp 65 TCA	PED36719	75.95	76.60	0.65	0.94	0.941	-	-	941.00
		Alteration :	PED36720	76.60	77.15	0.55	0.95	0.953	-	-	953.00
		Type/Intensity/Texture	PED36721	77.15	78.00	0.85	0.29	0.288	-	-	288.00
		BIO 2 PRV	PED36722	78.00	78.35	0.35	1.18	1.180	-	-	1182.00
		Mineralization Maj. : Type/GSZ%/HABIT	PED36723	78.35	78.65	0.30	0.53	0.533	-	-	533.00
		Comment	PED36724	78.65	79.15	0.50	0.04	0.040	-	-	40.00
		72.20 - 75.95 PY GS1 0.5 DIS Dism sulphides in Brx E1H	PED36725	79.15	80.15	1.00	0.10	0.096	-	-	96.00
		72.20 - 75.95 PO GS1 0.5 DIS Dism sulphides in Brx E1H	PED36726	80.15	80.65	0.50	2.73	2.730	-	-	2731.00
		75.95 - 80.15 PY GS1 1 DIS Dism Sulphides in Brx E1H	PED36727	80.65	81.30	0.65	0.52	0.516	-	-	516.00
		75.95 - 80.15 PO GS1 1 DIS Dism Sulphides in Brx E1H	PED36728	81.30	81.70	0.40	2.45	2.450	-	-	2452.00
		80.15 - 81.30 PY GS1 2 DIS Disseminated sulphides increasing downhole towards vein interval									
		80.15 - 81.30 PO GS1 3 DIS Disseminated sulphides increasing downhole towards vein interval									
81.70	82.40	Feature 1	PED36729	81.70	82.40	0.70	1.50	1.500	-	-	1495.00
		Type									
		Dyke % Thickness Colour Vein									



LITHOLOGY REPORT

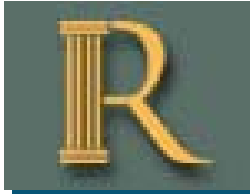
- Detailed -

Hole Number **244-17-04**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
94.90 - 96.40	Alpha: 35 Type/GEN/Intensity V2_BX 3	Beta: 0 CA1: CA2: 35 50								
96.40 - 99.00	Alpha: 45 Type/GEN/Intensity SHD 3	Beta: 0 CA1: CA2: 40 50								
Mineralization Maj. :		Type/GSZ%/HABIT			Comment					
89.45 - 90.40	PY GS1 5 BLB				Blebs of Po/Py assoc w/ qtz veining in intermixed E0B/E1H					
89.45 - 90.40	PO GS1 10 BLB				Blebs of Po/Py assoc w/ qtz veining in intermixed E0B/E1H					
94.90 - 96.40	PY GS1 2 DIS				Strongly Brecciated/Silicified and bio-altered host rock; 5-7% Po/Py at altered fragment boundaries					
94.90 - 96.40	PO GS1 5 DIS				Strongly Brecciated/Silicified and bio-altered host rock; 5-7% Po/Py at altered fragment boundaries					
Feature 2:										
	Type	Dyke	%	Thickness	Colour	Vein				
E1H	<i>High_titanium_basalt</i>	<input type="checkbox"/>	40	0						
QLF: BRX FOL										



DRILL HOLE REPORT

Hole Number **244-17-05**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 343.53	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 10	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 63	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 14-May-17	Cemented: no	Hole Type Diamond Drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 15-May-17				Surveyed: yes
Logged: 30-May-17				Surveyed by: Zoltan Peter
Comment:				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10462.954	East: 448506.67	Left in hole:
		North: 50016.193	North: 5663646.94	Making water: no
		Elev.: 5129.122	Elev.: 129.12	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	343.53	10.00	C	<input checked="" type="checkbox"/>	
15.00	340.70	10.30	DeviSh ot	<input type="checkbox"/>	Suspect
45.00	344.39	10.74	DeviSh ot	<input checked="" type="checkbox"/>	
60.00	343.43	10.26	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
0.00	20.00	Feature 1	PED41300	0.00	1.00	1.00	0.31	0.307	-	-	307.00
		Type	PED41301	1.00	2.00	1.00	0.20	0.201	-	-	201.00
		I3 Felsic_intrusive	PED41302	2.00	3.00	1.00	0.22	0.220	-	-	220.00
		QLF: ALT VND FRA	PED41303	3.00	4.00	1.00	0.22	0.223	-	-	223.00
		Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 20-25 tca (1/m) and @ 45-55 tca (1-3/m) infilled with chl, 4-5% planar to fragmented greyish-white sil'd qtz-carb str/vnlts/threads @ 40-50 tca (0.5 to 3 cm wide), (see Oriented Point Data Spreadsheet for detailed veining and structural measurements), trace to <1% fine-grained dissem po-py, sharp contact with High-Ti Basalt @ 40 tca.	PED41304	4.00	5.00	1.00	0.31	0.307	-	-	307.00
			PED41305	5.00	6.00	1.00	0.25	0.245	-	-	245.00
			PED41306	6.00	7.00	1.00	0.35	0.346	-	-	346.00
			PED41307	7.00	8.00	1.00	0.18	0.179	-	-	179.00
			PED41308	8.00	9.00	1.00	0.33	0.331	-	-	331.00
			PED41309	9.00	10.00	1.00	0.33	0.332	-	-	332.00
			PED41310	10.00	11.00	1.00	0.25	0.245	-	-	245.00
			PED41311	11.00	12.00	1.00	0.25	0.253	-	-	253.00
			PED41312	12.00	13.00	1.00	0.16	0.158	-	-	158.00
			PED41313	13.00	14.00	1.00	0.19	0.194	-	-	194.00
		Feature 2:	PED41314	14.00	15.00	1.00	0.09	0.093	-	-	93.00
		Type	PED41315	15.00	16.00	1.00	0.16	0.163	-	-	163.00
		V2 Quartz_vein	PED41316	16.00	17.00	1.00	0.21	0.210	-	-	210.00
		QLF: ALT VND FRA	PED41317	17.00	18.00	1.00	0.26	0.264	-	-	264.00
		Alteration :	PED41318	18.00	19.00	1.00	0.30	0.302	-	-	302.00
		Type/Intensity/Texture	PED41319	19.00	20.00	1.00	0.14	0.144	-	-	144.00
		AC 1 VND									



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
20.00	40.82	Feature 1	PED41320	20.00	20.55	0.55	0.40	0.404	-	-	404.00
		Type	PED41322	20.55	21.00	0.45	5.06	5.060	-	-	5061.00
		E1H High titanium basalt	PED41323	21.00	21.55	0.55	3.40	3.400	-	-	3404.00
		QLF: ALT VND MIN	PED41324	21.55	22.50	0.95	0.05	0.047	-	-	47.00
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly developed foliation/brecciated fabric @ 25 to 35 tca, strong pervasive silica-bio alteration, weakly fractured @ 30-35 tca (1/m), 10% planar to fragmented qtz-act vnlt/strs as extensional veining (<0.5 to 2 cm wide) @ 5 to 15 tca, and narrow str/vnlt containing brecciated wallrock fragments (2 to 4 cm wide) @ 60 to 70 tca (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), with trace to 1% fine-gr disseminated po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins, lower contact with Komatiitic Basalt sharp @ 45 tca.	PED41325	22.50	23.00	0.50	6.83	6.830	-	-	3827.00
			PED41327	23.00	23.65	0.65	1.50	1.500	-	-	1504.00
			PED41328	23.65	24.48	0.83	1.16	1.160	-	-	1162.00
			PED41329	24.48	25.00	0.52	2.92	2.920	-	-	2915.00
			PED41330	25.00	26.00	1.00	0.79	0.793	-	-	793.00
			PED41331	26.00	27.00	1.00	0.07	0.067	-	-	67.00
			PED41332	27.00	27.80	0.80	0.71	0.714	-	-	714.00
			PED41333	27.80	28.50	0.70	0.80	0.795	-	-	795.00
			PED41334	28.50	29.50	1.00	1.27	1.270	-	-	1267.00
			PED41336	29.50	30.50	1.00	0.88	0.881	-	-	881.00
			PED41337	30.50	31.10	0.60	1.91	1.910	-	-	1911.00
			PED41338	31.10	32.00	0.90	1.03	1.030	-	-	1031.00
			PED41339	32.00	33.00	1.00	1.86	1.860	-	-	1863.00
			PED41340	33.00	34.00	1.00	0.40	0.398	-	-	398.00
			PED41341	34.00	35.00	1.00	0.74	0.738	-	-	738.00
			PED41342	35.00	36.00	1.00	6.78	6.780	-	-	3780.00
			PED41343	36.00	37.00	1.00	2.18	2.180	-	-	2175.00
			PED41344	37.00	38.00	1.00	2.88	2.880	-	-	2883.00
			PED41345	38.00	39.00	1.00	4.76	4.760	-	-	4764.00
			PED41346	39.00	39.50	0.50	11.62	>10.000	11.62	-	0000.0
			PED41347	39.50	40.00	0.50	6.87	6.870	-	-	3870.00
			PED41348	40.00	40.82	0.82	1.74	1.740	-	-	1738.00



LITHOLOGY REPORT

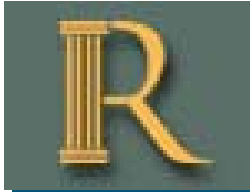
- Detailed -

Hole Number **244-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
40.82	63.00	Feature 1	PED41349	40.82	41.60	0.78	0.06	0.056	-	-	56.00
		Type	PED41350	41.60	42.60	1.00	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit									
		QLF: ALT FOL FRA									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to moderately developed foliation fabric @ 45-55 tca, strong pervassive chl alteration and patchy talc alteration which increases downhole, veining consist of 10% irregular/ fragmented/boudinaged/ folded qtz-carb strs @ 45-55 tca, local strong fracturing (3-10/m) @ 45 to 55 tca, with weak fracturing (1/m) @ 20-25 tca infilled with chl-talc locally with slickenslides, no visible mineralization. EOH @ 63 m.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 PCH									
		TLC 2 PCH									
		CHL 3 PRV									
		Structure:									
		40.82 - 63.00									
		Alpha: 45									
		Beta: 0									
		Type/GEN/Intensity									
		FOL 2									
		CA1: 45									
		CA2: 55									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT FOL FRA									



DRILL HOLE REPORT

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 320.63	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: 0	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 48	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 16-May-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 16-May-17				Surveyed: yes
Logged: 30-May-17				Surveyed by: Zoltan Peter
Comment:				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10461.696	East: 448505.16	Left in hole:
		North: 50015.31	North: 5663647.2	Making water: no
		Elev.: 5128.554	Elev.: 128.55	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	320.63	0.00	C	<input checked="" type="checkbox"/>	
15.00	319.50	1.00	DeviSh ot	<input checked="" type="checkbox"/>	
48.00	318.80	1.90	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
0.00	4.05	Feature 1	PED36851	0.00	1.00	1.00	0.35	0.353	-	-	353.00
		Type	PED36852	1.00	2.00	1.00	0.35	0.349	-	-	349.00
		I3 Felsic_intrusive	PED36853	2.00	3.00	1.00	0.25	0.254	-	-	254.00
		QLF: GS1 FOL	PED36854	3.00	4.05	1.05	0.21	0.213	-	-	213.00
		Felsic Dyke; light-med grey/pinkish; Aphanitic-FG; 15% Biotite in very silicious groundmass; 3-5% smokey grey qtz veinlets at various angles									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									
		BIO 2 PRV									
4.05	5.95	Feature 1	PED36855	4.05	4.95	0.90	0.08	0.076	-	-	76.00
		Type	PED36856	4.95	5.95	1.00	0.51	0.509	-	-	509.00
		V2 Quartz_vein									
		QLF:									
		Smokey Qtz Vein; Lt-Med Grey; banded veining and veinlets 20 to 30 TCA; trace sulphides									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									
		4.05 - 5.95 Alpha: 20 Beta: 0									
		Type/GEN/Intensity									
		V2 3 CA1: 20 CA2: 25									
		Feature 2:									



LITHOLOGY REPORT - Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
		<p>Type</p> <p>I3 Felsic_intrusive</p> <p>QLF:</p>									
		<p>Dyke <input type="checkbox"/> % 20 Thickness 0 Colour Vein</p>									
5.95	13.35	Feature 1	PED36857	5.95	6.95	1.00	0.30	0.303	-	-	303.00
		<p>Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: GS1 FOL</p> <p>Felsic Dyke; light-med grey/pinkish; Aphanitic-FG; 15% Biotite in very silicious groundmass; 3-5% smokey grey qtz veinlets at various angles</p>	PED36858	6.95	7.75	0.80	0.60	0.597	-	-	597.00
		<p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p>	PED36859	7.75	8.70	0.95	0.41	0.413	-	-	413.00
		<p>Alteration : Type/Intensity/Texture</p> <p>SIL 2 PRV</p> <p>BIO 2 PRV</p>	PED36860	8.70	9.70	1.00	0.37	0.373	-	-	373.00
			PED36861	9.70	10.30	0.60	30.36	>10.000	30.36	-	0000.0
			PED36862	10.30	11.25	0.95	0.66	0.658	-	-	658.00
			PED36863	11.25	11.75	0.49	0.84	0.841	-	-	841.00
			PED36864	11.75	12.55	0.81	0.44	0.438	-	-	438.00
			PED36866	12.55	13.35	0.80	0.49	0.485	-	-	485.00
13.35	13.40	Feature 1									
		<p>Type</p> <p>V2_BX Quartz_Vein_with_Fragments</p> <p>QLF: PLA BRX</p> <p>Smokey Qtz Vein; Lt-Med Grey; brx texture with angular fragments in silicious groundmass; trace sulphides</p>									
		<p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p>									
		<p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO									
13.40	21.35	Feature 1	PED36867	13.35	14.00	0.65	0.32	0.318	-	-	318.00
		Type	PED36868	14.00	15.00	1.00	0.27	0.271	-	-	271.00
		Dyke % Thickness Colour Vein	PED36869	15.00	15.80	0.80	0.33	0.325	-	-	325.00
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED36870	15.80	16.45	0.65	0.27	0.265	-	-	265.00
		QLF:	PED36871	16.45	17.45	1.00	0.21	0.210	-	-	210.00
		Felsic Dyke; light-med grey/pinkish; Aphanitic-FG; 15% Biotite in very silicious groundmass; 3-5% smokey grey qtz veinlets at various angles	PED36872	17.45	18.45	1.00	0.17	0.166	-	-	166.00
		Alteration :	PED36873	18.45	19.50	1.05	0.34	0.335	-	-	335.00
		Type/Intensity/Texture	PED36874	19.50	20.50	1.00	0.28	0.279	-	-	279.00
		AMP	PED36875	20.50	21.35	0.85	0.46	0.461	-	-	461.00
		SIL									
		BIO									
		Structure:									
		13.35 - 14.00 Alpha: 25 Beta: 0									
		Type/GEN/Intensity									
		V2_BX 3 CA1: 25 CA2: 35									
21.35	25.10	Feature 1	PED36876	21.35	22.35	1.00	0.87	0.869	-	-	869.00
		Type	PED36877	22.35	23.35	1.00	0.24	0.240	-	-	240.00
		Dyke % Thickness Colour Vein	PED36878	23.35	24.35	1.00	0.02	0.024	-	-	24.00
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0	PED36879	24.35	25.10	0.75	1.94	1.940	-	-	1940.00
		QLF: GS1 FOL									
		Basaltic Komatiite; Med-Dark Green; VFG; mottled texture; Foliated 45/150 TCA; LCT 40/140 TCA									
		Alteration :									
		Type/Intensity/Texture									



LITHOLOGY REPORT - Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
BIO 2 LOC											
25.10	25.45	Feature 1	PED36880	25.10	25.45	0.35	0.62	0.621	-	-	621.00
		Type	Dyke	%	Thickness	Colour	Vein				
		SHD Shear_zone	<input type="checkbox"/>	70	0						
		QLF: SHD GS0 MIN									
		Shear zone within E0B; moderate shearing // to fol 40/140 TCA; 3-4% Po/Py dism throughout with minor blebs; moderately silicified; LCT 40/210 TCA.									
		Alteration :	Type/Intensity/Texture								
		SIL 2 PRV									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	30	0						
		QLF: SHD GS0 MIN									
25.45	26.85	Feature 1	PED36882	25.45	26.20	0.75	0.23	0.232	-	-	232.00
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0						
		QLF: GS1 FOL									
		Basaltic Komatiite; Med-Dark Green; VFG; mottled texture; Foliated 60/140 TCA; LCT 40/140 TCA									
		Feature 1	PED36883	26.20	26.85	0.65	0.06	0.058	-	-	58.00



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Alteration :	Type/Intensity/Texture								
			BIO 2 PRV								
26.85	39.50	Feature 1	PED36884	26.85	27.55	0.70	0.62	0.617	-	-	617.00
		Type	PED36885	27.55	28.35	0.80	1.00	1.000	-	-	1002.00
		Dyke <input type="checkbox"/>	PED36886	28.35	28.95	0.60	0.86	0.864	-	-	864.00
		% 0	PED36887	28.95	29.80	0.85	1.59	1.590	-	-	1593.00
		Thickness 0	PED36888	29.80	30.30	0.50	23.10	>10.000	23.10	-	0000.00
		Colour	PED36890	30.30	30.85	0.55	2.11	2.110	-	-	2107.00
		Vein	PED36891	30.85	31.60	0.75	1.92	1.920	-	-	1922.00
		E1H High_titanium_basalt	PED36892	31.60	32.15	0.55	0.52	0.515	-	-	515.00
		QLF: GS1 VND BRK	PED36893	32.15	32.95	0.80	5.02	5.020	-	-	5019.00
		Hi Ti Basalt; Dark Brown/Black; VFG; 3-5% mm-cm scale V2A veinlets at various orientations (see point data); 3% Po/Py commonly assoc w/ increase in veining; LCT 40/235 TCA	PED36894	32.95	33.60	0.65	6.56	6.560	-	-	3559.00
		Alteration :	PED36896	33.60	34.60	1.00	0.37	0.365	-	-	365.00
		Type/Intensity/Texture	PED36897	34.60	34.90	0.30	1.76	1.760	-	-	1755.00
		SIL 2 VND	PED36898	34.90	35.20	0.30	1.88	1.880	-	-	1878.00
		AC 2 VND	PED36899	35.20	36.00	0.80	1.92	1.920	-	-	1919.00
		BIO 2 PRV	PED36900	36.00	36.55	0.55	0.79	0.792	-	-	792.00
		Structure:	PED36901	36.55	37.35	0.80	0.08	0.084	-	-	84.00
29.80 - 30.30		Alpha: 25	PED36902	37.35	37.60	0.25	0.71	0.706	-	-	706.00
		Beta: 5	PED36903	37.60	38.50	0.90	0.76	0.761	-	-	761.00
		Type/GEN/Intensity	PED36904	38.50	39.20	0.70	0.11	0.113	-	-	113.00
		V2_BX 3	CA1: 20	CA2: 30	PED36905	39.20	39.50	0.30	4.39	4.390	4394.00
31.60 - 33.60		Alpha: 40									
		Beta: 140									
		Type/GEN/Intensity									
		V2A 2									
		V2_BX 2									
34.60 - 34.90		Alpha: 45									
		Beta: 35									
		Type/GEN/Intensity									
		V2_BX 3									
34.90 - 35.20		Alpha: 40									
		Beta: 180									
		Type/GEN/Intensity									
		V2_E 3									
			CA1: 40	CA2: 45							



LITHOLOGY REPORT - Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Mineralization Maj. : Type/GSZ%/HABIT									
28.35 - 29.80		PY GS1 1 DIS									
	28.35 - 29.80	PO GS1 2 DIS									
29.80 - 30.30		PO GS1 10 DIS									
29.80 - 30.30		PY GS1 3 DIS									
30.30 - 30.85		PY GS1 1 DIS									
30.30 - 30.85		PO GS1 4 DIS									
30.85 - 31.60		PY GS1 1									
30.85 - 31.60		PO GS1 2 DIS									
31.60 - 33.60		PY GS1 2 DIS									
31.60 - 33.60		PO 4 DIS									
33.60 - 34.60		PY GS1 1 DIS									
33.60 - 34.60		PO GS1 3 DIS									
34.60 - 35.20		PY GS1 2 DIS									
34.60 - 35.20		PO GS1 6 DIS									
35.20 - 39.20		PO GS1 3									
35.20 - 39.20		PY GS1 1 DIS									
39.20 - 39.50		PY GS1 1 DIS									
39.20 - 39.50		PO GS1 3 DIS									



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
39.50	45.20	Feature 1	PED36907	39.50	39.80	0.30	1.25	1.250	-	-	1253.00
		Type	PED36908	39.80	40.20	0.40	0.52	0.517	-	-	517.00
		E0B Komatiitic_basalt	PED36909	40.20	40.90	0.70	0.32	0.323	-	-	323.00
		QLF: BAN FOL SHD	PED36910	40.90	41.60	0.70	1.20	1.200	-	-	1197.00
		Intermixed E0B/E1H; Med-Dark Green/Dark Brown; Banded Mottled Texture; locally sheared (40.9-41.6m) with strong silicification; shearing (43.85-44.4 m) with R5 replacement; LCT defined by 5 cm V2A @ 80 TCA	PED36911	41.60	41.90	0.30	0.69	0.689	-	-	689.00
			PED36912	41.90	42.30	0.40	1.33	1.330	-	-	1325.00
			PED36913	42.30	42.90	0.60	1.33	1.330	-	-	1332.00
			PED36914	42.90	43.85	0.95	0.60	0.604	-	-	604.00
			PED36915	43.85	44.40	0.55	1.05	1.050	-	-	1046.00
			PED36917	44.40	45.20	0.80	1.46	1.460	-	-	1457.00
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 BAN									
		BIO 2 BAN									
		Structure:									
	40.90 - 41.60	Alpha: 20	Beta: 140								
		Type/GEN/Intensity	CA1: CA2:								
		SHD 3	20 25								
	43.85 - 44.40	Alpha: 50	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		SHD 3	50 55								
		R5 3	50 55								
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	39.50 - 39.80	PY GS1 2 DIS		Silificied E0B/E1H Mix at uphole contact for E1H / E0B/E1H mix							
	39.50 - 39.80	PO GS1 7 DIS		Silificied E0B/E1H Mix at uphole contact for E1H / E0B/E1H mix							
	40.20 - 40.90	PY GS1 2 DIS		Dism sulphides assoc w/ shearing in E0B/E1H Mix							
	40.20 - 40.90	PO GS1 3 DIS		Dism sulphides assoc w/ shearing in E0B/E1H Mix							
	40.90 - 41.60	PO GS1 2 DIS		Sulphides at Uphole contact of Silificied E0B/E1H Mix							
	41.90 - 42.30	PY GS1 2 DIS		R5 Replacement in sheared E0B/E1H							
	41.90 - 42.30	PO GS1 8 DIS		R5 Replacement in sheared E0B/E1H							



LITHOLOGY REPORT - Detailed -

Hole Number **244-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)					
	42.30 - 42.90	PY GS1 1 BAN														
	42.30 - 42.90	PO GS1 4 BAN														
	42.90 - 43.85	PY GS1 1 DIS														
	42.90 - 43.85	PO GS1 2														
	43.85 - 44.40	PY GS1 3 DIS														
	43.85 - 44.40	PO GS1 12 DIS														
Feature 2:																
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>									
	E1H	<i>High_titanium_basalt</i>	<input type="checkbox"/>	40	0											
	QLF: BAN FOL SHD															
	Alteration : <i>Type/Intensity/Texture</i>															
		BIO 2 BAN														
45.20	48.00	Feature 1														
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>									
	E1H	<i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0			PED36918	45.20	45.60	0.40	1.08	1.080	-	-	1079.00
	QLF: GS1 FOL															
	Hi Ti Basalt; Dark Brown/Black; VFG; Foliated @ 40 TCA; 2% Qtz veinlets // to Fol; ~3% Po/Py assoc w veinlets; LCT is EOH															
	Alteration : <i>Type/Intensity/Texture</i>															
		AC 1 PRV														
		BIO 2 PRV														
	Mineralization Maj. : <i>Type/GSZ%/HABIT</i>															
	44.40 - 47.25	PY GS1 2 DIS			Comment											
	Dism Sulphides in Intermixed E0B/E1H															



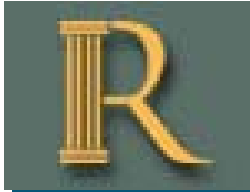
LITHOLOGY REPORT
- Detailed -

Hole Number 244-17-06

Project: PHOENIX

Project Number: 2

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>					<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppm)</i>	<i>FAG</i> <i>Au</i> <i>(ppm)</i>	<i>MS</i> <i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppb)</i>
	44.40 - 47.25	PO	GS1	3	DIS	Dism Sulphides in Intermixed E0B/E1H									
	47.25 - 48.00	PO	GS1	1	DIS										



DRILL HOLE REPORT

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 306.9	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -25	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 84	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 15-May-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 16-May-17				Surveyed: yes
Logged: 25-May-17				Surveyed by: Zoltan Peter
Comment:				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10461.433	East: 448504.82	Left in hole:
		North: 50015.101	North: 5663647.25	Making water: no
		Elev.: 5127.972	Elev.: 127.97	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	306.90	-25.00	C	<input checked="" type="checkbox"/>	
15.00	305.39	-24.23	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	307.00	-25.10	DeviSh ot	<input checked="" type="checkbox"/>	
84.00	306.70	-24.30	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
0.00	17.10	Feature 1	PED36751	0.00	1.00	1.00	0.18	0.184	-	-	184.00
		Type	PED36752	1.00	2.00	1.00	0.26	0.261	-	-	261.00
		I3 Felsic_intrusive	PED36753	2.00	3.00	1.00	0.32	0.323	-	-	323.00
		QLF: VND FOL GS1	PED36754	3.00	4.15	1.15	1.16	1.160	-	-	1162.00
		Felsic Intrusive; Med Grey Brown/Pinkish; FG; mod bio alt; ~7% smokey/creamy qtz veins from 1-10 cm; 20 to 60 TCA; LCT with E1H 60 TCA	PED36755	4.15	5.15	1.00	0.59	0.587	-	-	587.00
			PED36756	5.15	6.10	0.95	0.50	0.496	-	-	496.00
			PED36757	6.10	7.15	1.05	0.32	0.320	-	-	320.00
			PED36758	7.15	8.15	1.00	0.22	0.219	-	-	219.00
			PED36759	8.15	9.15	1.00	0.33	0.330	-	-	330.00
			PED36760	9.15	10.15	1.00	0.19	0.193	-	-	193.00
			PED36761	10.15	11.15	1.00	0.37	0.368	-	-	368.00
			PED36762	11.15	12.15	1.00	0.13	0.131	-	-	131.00
			PED36763	12.15	13.15	1.00	0.15	0.145	-	-	145.00
			PED36764	13.15	14.15	1.00	0.29	0.294	-	-	294.00
			PED36765	14.15	15.10	0.95	0.29	0.287	-	-	287.00
			PED36766	15.10	16.10	1.00	0.19	0.186	-	-	186.00
			PED36767	16.10	17.10	1.00	0.11	0.112	-	-	112.00
17.10	21.40	Feature 1	PED36768	17.10	18.10	1.00	3.78	3.780	-	-	3778.00
		Type	PED36769	18.10	19.10	1.00	0.27	0.267	-	-	267.00
		E0B Komatiitic_basalt	PED36770	19.10	19.50	0.40	0.61	0.610	-	-	610.00
		QLF: FOL ALT BAN	PED36771	19.50	19.90	0.40	0.65	0.654	-	-	654.00
		Intermixed E0B/E1H; Med-Dark Green with Dark Brown/Black Bands; VF-FG; mod-strong fol 65 TCA; mod-strong bio/chl alt; localized qtz actinolite veining; LCT gradational 60/65 TCA	PED36772	19.90	20.70	0.80	0.20	0.199	-	-	199.00
			PED36773	20.70	21.40	0.70	0.23	0.232	-	-	232.00
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 BAN									
		CHL 3 BAN									



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H <i>High_titanium_basalt</i>	☐	50	0							
		QLF: FOL ALT BAN										
		Alteration :		Type/Intensity/Texture								
				BIO 2 PRV								
21.40	23.70	Feature 1		PED36774	21.40	21.85	0.45	5.51	5.510	-	-	5511.00
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H <i>High_titanium_basalt</i>	☐	75	0							
		QLF: MIN VND ALT										
		Mineralized E1H; Med Brown/Green; 20% Py/Po throughout assoc w/ brx texture and mm-scale V2A veinlets and various orientations (see point data); LCT defined by 3 cm V2A 60 TCA										
		Alteration :		Type/Intensity/Texture								
				SIL 2 VND								
				AC 2 VND								
				BIO 2 PRV								
		Mineralization Maj. :		Type/GSZ%/HABIT		Comment						
		21.85 - 23.70		PO	GS1	5	DIS	Mineralization/Replacement in E1H assoc in proximity to brx mm-scale v2a veinlets				
		21.85 - 23.70		PY	GS1	15	DIS	Mineralization/Replacement in E1H assoc in proximity to brx mm-scale v2a veinlets				
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
		V2A <i>Quartz_carb_actinolite_vein</i>	☐	25	0							



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		QLF: MIN VND ALT									
23.70	25.80	Feature 1	PED36779	23.70	24.70	1.00	1.09	1.090	-	-	1086.00
		Type	PED36780	24.70	25.00	0.30	0.43	0.427	-	-	427.00
		E1H High_titanium_basalt	PED36781	25.00	25.80	0.80	1.22	1.220	-	-	1224.00
		QLF: FOL GS1									
		Hi Ti Basalt; Dark Brown/Green; VFG; 3-5% hairline V2A veinlets ~55/175 TCA; 1-2% Po/Py dism throughout commonly adjacent to V2A veinlets; wk brx texture throughout; LCTsharp 75 TCA									
		Alteration :	Type/Intensity/Texture								
			AMP								
			AC 1 VND								
			BIO 2 PRV								
25.80	27.80	Feature 1	PED36782	25.80	26.70	0.90	0.45	0.452	-	-	452.00
		Type	PED36783	26.70	27.50	0.80	0.80	0.799	-	-	799.00
		V2_BX Quartz_Vein_with_Fragments	PED36784	27.50	27.80	0.30	4.55	4.550	-	-	4550.00
		QLF: BRX FRG PLA									
		Intermixed E0B/E1H with ~35% Brecciated Qtz actinolite veins with angular fragments; veins range 5-40 cm 20/205 TCA to 50/270 TCA sub-// to fol; LCT 60/255 Sharp									
		Alteration :	Type/Intensity/Texture								
			AMP								
			SIL 3 PRV								
			AC 2 LOC								



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Structure:											
25.80 - 27.70		Alpha: 20 Type/GEN/Intensity V2_BX 3									
		Beta: 200 CA1: CA2: 20 50									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	65	0						
		QLF: BRX FRG PLA									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		AC 2 PRV									
27.80	29.20	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0						
		QLF: GS1 FOL MIN									
		Hi Ti Basalt; Dark Brown/Green; VFG; 1-2% hairline V2A veinlets ~50/320 TCA; 3-4% Po/Py dism throughout commonly adjacent to V2A veinlets; wk brx texture throughout; LCT sharp 55/195 TCA									
		Visible Gold :									
		SampleID/Grainsize/Style									
		PED36682 2-5mm Bleb									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
27.80 - 28.50		PY GS1 1 DIS									
		Comment									
		VFG Sulphides proximal to mm-scale V2A veinlets in E1H									



LITHOLOGY REPORT - Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	27.80 - 28.50	PO GS1 5 DIS VFG Sulphides proximal to mm-scale V2A veinlets in E1H									
29.20	36.80	Feature 1	PED36788	29.20	30.45	1.25	0.07	0.069	-	-	69.00
		Type	PED36789	30.45	30.95	0.50	0.28	0.278	-	-	278.00
		E0B Komatiitic_basalt	PED36790	30.95	32.00	1.05	0.03	0.032	-	-	32.00
		QLF: GS1 FOL	PED36791	32.00	33.00	1.00	0.62	0.618	-	-	618.00
		Intermixed E0B/E1H; Med-Dark Green with Dark Brown/Black Bands; VF-FG; mod-strong fol 65 TCA; wk-mod bio/chl alt; LCT gradational 45/250 TCA	PED36792	33.00	34.00	1.00	0.36	0.363	-	-	363.00
			PED36793	34.00	35.10	1.10	0.19	0.192	-	-	192.00
		Alteration :	PED36794	35.10	36.00	0.90	0.04	0.042	-	-	42.00
		Type/Intensity/Texture	PED36795	36.00	36.80	0.80	0.02	0.016	-	-	16.00
		CHL 1 PRV									
		BIO 1 PRV									
		Feature 2:									
		Type									
		E1H High_titanium_basalt									
		QLF: GS1 FOL									



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
36.80	49.45	Feature 1	PED36796	36.80	37.90	1.10	0.37	0.366	-	-	366.00
		Type	PED36797	37.90	38.60	0.70	0.74	0.738	-	-	738.00
		E1H High_titanium_basalt	PED36798	38.60	39.60	1.00	0.97	0.973	-	-	973.00
		QLF: GS1 FOL VND	PED36799	39.60	40.50	0.90	0.49	0.492	-	-	492.00
		Hi Ti Basalt; Dark Brown/Green; VFG; 3% hairline V2A veinlets (see point data); 3-4% Po/Py dism throughout commonly adjacent to V2A veinlets; wk brx texture throughout; LCT defined by 4 cm shear/fault 75/95 TCA	PED36801	40.50	41.35	0.85	0.08	0.077	-	-	77.00
			PED36802	41.35	42.00	0.65	0.27	0.265	-	-	265.00
			PED36803	42.00	42.80	0.80	0.47	0.471	-	-	471.00
			PED36804	42.80	43.80	1.00	0.85	0.848	-	-	848.00
			PED36805	43.80	44.70	0.90	0.05	0.047	-	-	47.00
			PED36806	44.70	45.70	1.00	0.01	0.010	-	-	10.00
			PED36807	45.70	46.80	1.10	0.16	0.160	-	-	160.00
			PED36808	46.80	47.60	0.80	0.21	0.213	-	-	213.00
			PED36809	47.60	48.50	0.90	0.30	0.304	-	-	304.00
			PED36810	48.50	49.00	0.50	6.25	6.250	-	-	3253.00
			PED36812	49.00	49.45	0.45	1.12	1.120	-	-	1116.00
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 VND									
		AC 1 VND									
		BIO 2 PRV									
		Structure:									
		49.40 - 49.45	Alpha: 75	Beta: 95							
			Type/GEN/Intensity	CA1:	CA2:						
			SHD								
			FLT 3	75	75						
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
		39.60 - 40.50	PY GS1	VFG dism sulphides proximal to V2A veinlets							
		39.60 - 40.50	PO GS1 2 DIS	VFG dism sulphides proximal to V2A veinlets							
		48.50 - 49.00	PY GS1 0	4 bands of 5-10 mm smokey qtz veins with proximal mineralization							
		48.50 - 49.00	PO GS1 5 DIS	4 bands of 5-10 mm smokey qtz veins with proximal mineralization							
		49.00 - 49.45	PO GS1 0								
49.45	51.95	Feature 1	PED36813	49.45	50.45	1.00	0.23	0.229	-	-	229.00
		Type	PED36814	50.45	51.10	0.65	0.09	0.093	-	-	93.00
		E0B Komatiitic_basalt	PED36815	51.10	51.95	0.85	0.01	0.014	-	-	14.00



LITHOLOGY REPORT

- Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		<p>QLF: GS1 MAS</p> <p>Basaltic Komatiite; Dark Green; VFG; Massive; Could be E1A; minor brx texture near uphole contact with Po infilled fractures; LCT 60 TCA</p>									
51.95	76.10	Feature 1	PED36816	51.95	52.90	0.95	0.04	0.035	-	-	35.00
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit <input type="checkbox"/> % Thickness Colour Vein</p> <p>QLF:</p> <p>Talc Zone; Light/Dark Green with Creamy talcose and carb stringers; VF-FG; foliated to 60 TCA with local faulting; LCT 35 TCA</p>	PED36817	75.10	76.10	1.00	1.56	1.560	-	-	1564.00
		<p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 20px;">AMP</p> <p style="padding-left: 20px;">SIL</p> <p style="padding-left: 20px;">BIO</p>									
		<p>Structure:</p> <p>62.80 - 63.00 Alpha: 40 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 20px;">FLT 2 35 45</p>									



LITHOLOGY REPORT

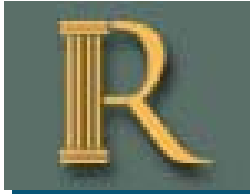
- Detailed -

Hole Number **244-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
76.10	83.60	Feature 1	PED36818	76.10	77.10	1.00	0.37	0.366	-	-	366.00
		Type	PED36819	77.10	78.05	0.95	2.48	2.480	-	-	2482.00
		I3 Felsic_intrusive	PED36820	78.05	78.95	0.90	0.47	0.468	-	-	468.00
		QLF: GS1 FOL	PED36821	78.95	79.50	0.55	1.92	1.920	-	-	1920.00
		Felsic Intrusive; Med Grey Brown/Pinkish; FG; mod bio alt; ~7% smokey/creamy qtz veins from 1-10 cm; 20 to 60 TCA; LCT with E1H 60 TCA	PED36822	79.50	80.60	1.10	0.43	0.431	-	-	431.00
			PED36823	80.60	81.60	1.00	0.48	0.477	-	-	477.00
			PED36824	81.60	82.60	1.00	0.69	0.691	-	-	691.00
			PED36826	82.60	83.60	1.00	0.66	0.658	-	-	658.00
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		BIO 2 PRV									
		Structure:									
	78.95 - 79.50	Alpha: 50									
		Beta: 0									
		Type/GEN/Intensity	CA1:	CA2:							
		FLT	50	50							



DRILL HOLE REPORT

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 54.84	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -42.3	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 148.5	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 20-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 23-Mar-17				Surveyed: yes
Logged: 28-Mar-17				Surveyed by: Mark Cottrell

Comment: N-S Orientated core program drilled from the 305 980 Drift

Coordinate - Gemcom	Coordinate - UTM
East: 10424.21	East: 448455.45
North: 49982.503	North: 5663650.51
Elev.: 5066.124	Elev.: 66.12
	Zone: 15N NAD: NAD83

Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	54.84	-42.30	C	<input checked="" type="checkbox"/>	
0.10	54.80	-42.30	Gyro	<input checked="" type="checkbox"/>	
5.10	54.59	-42.41	Gyro	<input checked="" type="checkbox"/>	
10.10	54.49	-42.56	Gyro	<input checked="" type="checkbox"/>	
15.00	53.81	-42.63	Reflex	<input type="checkbox"/>	Replaced by gyro
15.10	54.59	-42.60	Gyro	<input checked="" type="checkbox"/>	
20.10	54.12	-42.69	Gyro	<input checked="" type="checkbox"/>	
25.10	53.98	-42.64	Gyro	<input checked="" type="checkbox"/>	
30.10	53.63	-42.73	Gyro	<input checked="" type="checkbox"/>	
35.10	53.48	-42.69	Gyro	<input checked="" type="checkbox"/>	
40.10	53.37	-42.76	Gyro	<input checked="" type="checkbox"/>	
45.10	53.19	-42.79	Gyro	<input checked="" type="checkbox"/>	
49.00	53.56	-42.90	Reflex	<input type="checkbox"/>	Replaced by gyro

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
50.10	53.15	-42.81	Gyro	<input checked="" type="checkbox"/>	
55.10	52.82	-42.82	Gyro	<input checked="" type="checkbox"/>	
60.10	52.71	-42.76	Gyro	<input checked="" type="checkbox"/>	
65.10	52.81	-42.67	Gyro	<input checked="" type="checkbox"/>	
70.10	52.89	-42.80	Gyro	<input checked="" type="checkbox"/>	
75.10	53.08	-42.69	Gyro	<input checked="" type="checkbox"/>	
80.10	53.25	-42.63	Gyro	<input checked="" type="checkbox"/>	
85.10	53.41	-42.54	Gyro	<input checked="" type="checkbox"/>	
90.10	53.67	-42.43	Gyro	<input checked="" type="checkbox"/>	
95.10	53.85	-42.40	Gyro	<input checked="" type="checkbox"/>	
99.00	55.33	-42.62	Reflex	<input type="checkbox"/>	Replaced by gyro
100.10	53.94	-42.34	Gyro	<input checked="" type="checkbox"/>	
105.10	53.99	-42.34	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number

Project: **PHOENIX**

Project Number: **2**

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
110.10	53.77	-42.38	Gyro	<input checked="" type="checkbox"/>	
115.10	53.44	-42.28	Gyro	<input checked="" type="checkbox"/>	
120.10	53.27	-42.22	Gyro	<input checked="" type="checkbox"/>	
125.10	53.17	-42.26	Gyro	<input checked="" type="checkbox"/>	
130.10	52.84	-42.36	Gyro	<input checked="" type="checkbox"/>	
135.10	52.66	-42.33	Gyro	<input checked="" type="checkbox"/>	
140.10	52.22	-42.34	Gyro	<input checked="" type="checkbox"/>	
149.00	53.60	-42.63	Reflex	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	0.22	Feature 1									
		<p style="text-align: center;">Type</p> <p>ZCS <i>Casing_no_recovery</i></p> <p>QLF: casing</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0</p> <p>Colour Vein</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>BIO</p>									
0.22	24.20	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0B <i>Komatiitic_basalt</i></p> <p>QLF: FOL GS1</p> <p>Basaltic Komatiite; aphanitic-VFG; med green; moderate chlorite content; wk talc alteration LCT is faulted 50/260 TCA</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0</p> <p>Colour Vein</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 1 PRV</p> <p>Structure:</p> <p>5.20 - 5.40 Alpha: 40 Beta:</p> <p style="text-align: center;">Type/GEN/Intensity CA1: CA2:</p> <p>FLT5 40 40</p>	PED28701	15.30	15.90	0.60	0.01	0.005	-	-	5.00
			PED28702	15.90	16.60	0.70	0.01	0.007	-	-	7.00
			PED28703	16.60	16.90	0.30	0.00	<0.005	-	-	5.00
			PED28704	16.90	17.80	0.90	0.00	<0.005	-	-	5.00
			PED28705	23.40	24.40	1.00	0.05	0.050	-	-	50.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	24.00 - 24.20	Alpha: 50 Type/GEN/Intensity FLT5 2									
		Beta: 260 CA1: CA2: 50 50									
24.20	38.10	Feature 1	PED28706	24.40	25.40	1.00	0.40	0.400	-	-	400.00
		Type	PED28707	25.40	26.00	0.60	0.04	0.035	-	-	35.00
		E0T Talc_rich_unit	PED28708	26.00	26.30	0.30	0.01	0.011	-	-	11.00
		QLF: FOL SCH	PED28709	26.30	26.70	0.40	0.07	0.068	-	-	68.00
		Talc-Altered BK; aphanitic-VFG; lt-med grey; strong fol to wk schistose fabric; brx background veining; LCT gradational as alteration dissipates	PED28710	26.70	27.70	1.00	0.02	0.021	-	-	21.00
			PED28711	27.70	28.70	1.00	34.85	35.000	34.85	-	0000.0
		Alteration :	PED28712	28.70	29.20	0.50	0.51	0.505	-	-	505.00
		Type/Intensity/Texture	PED28714	29.20	30.00	0.80	0.16	0.158	-	-	158.00
		TLC 3 PRV									
		Structure:									
	26.00 - 26.20	Alpha: 40 Type/GEN/Intensity V2 2									
		Beta: 0 CA1: CA2: 40 40									
38.10	42.10	Feature 1	PED28715	41.30	42.10	0.80	0.04	0.042	-	-	42.00
		Type									
		E0B Komatiitic_basalt									
		QLF: GS1 FOL									
		Basaltic Komatiite; aphanitic-VFG; med green; moderate chlorite content; mod foliation 50 TCA; wk talc alteration LCT is faulted 50/260 TCA									
		Alteration :									
		Type/Intensity/Texture									
		AMP									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL									
		BIO									
42.10	63.30	Feature 1	PED28716	42.10	42.90	0.80	1.55	1.550	-	-	1552.00
		Type	PED28717	42.90	43.80	0.90	1.23	1.230	-	-	1228.00
		Dyke % Thickness Colour Vein	PED28718	43.80	44.30	0.50	0.38	0.379	-	-	379.00
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 N	PED28719	44.30	44.60	0.30	1.13	1.130	-	-	1125.00
		QLF: DEF VND BRX	PED28720	44.60	45.20	0.60	0.71	0.705	-	-	705.00
		Hi Ti Basalt; Aphanitic - VFG; Dk Brown to black; deformation intensity increasing with bio alteration towards and background veining towards LCT with V2A 40/275 TCA	PED28721	45.20	45.90	0.70	5.39	5.390	-	-	5395.00
		Alteration :	PED28722	45.90	46.30	0.40	3.05	3.050	-	-	3050.00
		Type/Intensity/Texture	PED28723	46.30	47.20	0.90	1.64	1.640	-	-	1638.00
		SIL 2 VND	PED28724	47.20	47.50	0.30	2.48	2.480	-	-	2480.00
		BIO 3 HAL	PED28725	47.50	47.80	0.30	1.74	1.740	-	-	1736.00
		Structure:	PED28726	47.80	48.60	0.80	0.55	0.547	-	-	547.00
		Alpha: 55 Beta: 250	PED28727	48.60	49.50	0.90	0.13	0.128	-	-	128.00
		Type/GEN/Intensity CA1: CA2:	PED28728	49.50	50.20	0.70	0.27	0.274	-	-	274.00
		V 3 55 55	PED28729	50.20	50.50	0.30	4.30	4.300	-	-	4300.00
		Alpha: 40 Beta: 150	PED28730	50.50	51.60	1.10	0.35	0.350	-	-	350.00
		Type/GEN/Intensity CA1: CA2:	PED28731	51.60	51.90	0.30	2.30	2.300	-	-	2305.00
		V2 3 40 40	PED28732	51.90	52.40	0.50	0.14	0.143	-	-	143.00
		Alpha: 40 Beta: 170	PED28733	52.40	52.90	0.50	2.29	2.290	-	-	2293.00
		Type/GEN/Intensity CA1: CA2:	PED28735	52.90	53.90	1.00	0.10	0.099	-	-	99.00
		V 2 40 40	PED28736	53.90	54.40	0.50	6.22	6.220	-	-	3216.00
		Alpha: 50 Beta: 255	PED28737	54.40	55.40	1.00	1.27	1.270	-	-	1271.00
		Type/GEN/Intensity CA1: CA2:	PED28738	55.40	56.40	1.00	0.63	0.625	-	-	625.00
		V 3 50 50									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	57.00 - 59.00	Alpha: 50 Type/GEN/Intensity V 3	Beta: 250 CA1: CA2: 15 50	PED28739	56.40	57.00	0.60	0.19	0.193	-	-	193.00
				PED28740	57.00	57.80	0.80	0.54	0.535	-	-	535.00
				PED28741	57.80	58.30	0.50	1.00	1.000	-	-	1005.00
	59.30 - 59.90	Alpha: 40 Type/GEN/Intensity V 4	Beta: 300 CA1: CA2: 40 60	PED28742	58.30	59.00	0.70	2.36	2.360	-	-	2356.00
				PED28743	59.00	59.30	0.30	1.08	1.080	-	-	1076.00
				PED28744	59.30	59.90	0.60	0.42	0.416	-	-	416.00
	60.60 - 63.20	Alpha: 60 Type/GEN/Intensity FLT2 2 SHD 3	Beta: 340 CA1: CA2: 30 30 40 60	PED28746	59.90	60.60	0.70	1.62	1.620	-	-	1617.00
				PED28747	60.60	61.00	0.40	7.31	7.310	-	-	7306.00
				PED28748	61.00	61.40	0.40	3.28	3.280	-	-	3276.00
				PED28749	61.40	61.80	0.40	3.35	3.350	-	-	3347.00
	Mineralization Maj. : Type/GSZ%/HABIT 45.20 - 46.30 PY GS1 3	Comment Dism sulphides in wall rock adjacent to v2a veinlets; reverse dipping black line faults 10/270 TCA		PED28750	61.80	62.10	0.30	1.34	1.340	-	-	1338.00
				PED28751	62.10	62.60	0.50	1.52	1.520	-	-	1523.00
				PED28752	62.60	63.30	0.70	5.61	5.610	-	-	5607.00
63.30	66.00	Feature 1		PED28753	63.30	63.80	0.50	0.86	0.861	-	-	861.00
		Type	Dyke % Thickness Colour Vein	PED28754	63.80	64.50	0.70	0.79	0.789	-	-	789.00
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/> 0 0 M	PED28755	64.50	65.30	0.80	0.67	0.668	-	-	668.00
		QLF: VND BRX		PED28756	65.30	66.20	0.90	1.16	1.160	-	-	1162.00
		Qtz Actinolite vein; aphanitic; Lt gry w/ lt-med green fragments; Actinolite-altered wall rock fragments; Brx fractures 15/-20 TCA; LCT 7/305										
		Alteration : Type/Intensity/Texture										
		SIL 4 PRV										
		AC 2 PCH										
		Structure:										
	63.20 - 66.20	Alpha: 15 Type/GEN/Intensity V2 4	Beta: 310 CA1: CA2: 7 40									
		Mineralization Maj. : Type/GSZ%/HABIT		Comment								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
	63.20 - 64.50	PY	GS1	2	DIS	Mineralized wall rock frags in V2A																					
	63.20 - 64.50	PO	GS1	2	DIS	Mineralized wall rock frags in V2A																					
66.00	70.70	Feature 1					PED28758	66.20	67.00	0.80	0.52	0.517	-	-	517.00												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>					Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0			PED28759	67.00	67.50	0.50	0.39	0.388	-	-	388.00
Type	Dyke	%	Thickness	Colour	Vein																						
E0B Komatiitic_basalt	☐	0	0																								
		QLF: GS1 FOL					PED28760	67.50	67.90	0.40	3.65	3.650	-	-	3649.00												
		Basaltic Komatiite; aphanitic-VFG; med green; moderate chlorite content; strong foliation 55/15 TCA; wk talc alteration LCT is faulted 25/120 TCA					PED28761	67.90	68.70	0.80	0.68	0.680	-	-	680.00												
		Alteration :					PED28762	68.70	69.70	1.00	0.25	0.246	-	-	246.00												
		<table border="0"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>TLC 1 PRV</td> </tr> <tr> <td>CHL 2 PRV</td> </tr> </table>					Type/Intensity/Texture	TLC 1 PRV	CHL 2 PRV	PED28763	69.70	70.40	0.70	0.73	0.731	-	-	731.00									
Type/Intensity/Texture																											
TLC 1 PRV																											
CHL 2 PRV																											
		Structure:					PED28764	70.40	70.90	0.50	4.04	4.040	-	-	4036.00												
	70.40 - 70.90	Alpha: 25	Beta: 120																								
		Type/GEN/Intensity		CA1:	CA2:																						
		FLT5	4	25	25																						
70.70	73.40	Feature 1					PED28765	70.90	71.20	0.30	1.88	1.880	-	-	1878.00												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>R5 Sulphides</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>					Type	Dyke	%	Thickness	Colour	Vein	R5 Sulphides	☐	0	0			PED28766	71.20	71.60	0.40	5.39	5.390	-	-	5386.00
Type	Dyke	%	Thickness	Colour	Vein																						
R5 Sulphides	☐	0	0																								
		QLF: ALT BRX DEFS					PED28767	71.60	72.20	0.60	7.42	7.420	-	-	7421.00												
		Py/Po Replacement zone; strongly replaced Hi Ti Basalt FW to gouged fault; Brecciation texture throughout with V2A bkground veining imbricated 25/310; brecciated veining 70/210 and 40/200 within deformation zone; LCT defined by V2T 35/310					PED28768	72.20	72.80	0.60	3.74	3.740	-	-	3739.00												
		Alteration :					PED28770	72.80	73.40	0.60	3.11	3.110	-	-	3109.00												
		<table border="0"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> </table>					Type/Intensity/Texture																				
Type/Intensity/Texture																											



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 2 VND BIO 3 PRV									
		Structure:									
		70.90 - 73.40 Alpha: 30 Beta: 320									
		Type/GEN/Intensity									
		SHD 4 CA1: 30 CA2: 35									
		Mineralization Maj. : Type/GSZ%/HABIT									
		70.90 - 73.40 PY GS1 20 DIS									
		70.90 - 73.40 PO GS2 30 DIS									
		Comment									
		Strongly brecciated shear zone; Sulphides in altered host rock									
		Strongly brecciated shear zone; Sulphides in altered host rock									
73.40	76.60	Feature 1									
		Type									
		E1H High_titanium_basalt									
		QLF: GS0 FOL									
		Hi Ti Basalt; aphanitic-VFG; Dk green to black; mostly undeformed; minor bkground veining; LCT with Qtz vein 45/310									
		Dyke % Thickness Colour Vein									
		<input type="checkbox"/> 0 0									
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 PRV									
		BIO 2 PRV									
		Structure:									
		76.40 - 76.80 Alpha: 45 Beta: 310									
		Type/GEN/Intensity									
		V 2 CA1: 45 CA2: 45									
		Mineralization Maj. : Type/GSZ%/HABIT									
		76.40 - 76.80 PY GS1 1 DIS									
		Comment									
		mineralized contacts of greenish to black									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	76.40 - 76.80	PO GS1 2 DIS mineralized contacts of creamy v2a									
76.60	76.90	Feature 1									
		Type									
		V2 Quartz_vein	Dyke	%	Thickness	Colour	Vein				
		QLF: BRK	□	0	0	M					
		Qtz Actinolite vein; aphanitic; Lt gry w/ lt-med green fragments; Actinolite-altered wall rock fragments; trace sulphides; LCT 45/310									
		Alteration :	Type/Intensity/Texture								
			AC 2 LOC								
			SIL 4 PRV								
76.90	81.20	Feature 1									
		Type									
		E1H High_titanium_basalt	Dyke	%	Thickness	Colour	Vein				
		QLF: GS0 FRA	□	0	0						
		Hi Ti Basalt; aphanitic-VFG; Dk green to black; low angle jointing w/ 1-3 mm infil of Po LCT with Qtz vein 45/40									
		Alteration :	Type/Intensity/Texture								
			CHL 2 PRV								
			BIO 2 PRV								
			PED28776	76.80	77.20	0.40	0.06	0.062	-	-	62.00
			PED28777	77.20	77.70	0.50	0.25	0.247	-	-	247.00
			PED28778	77.70	78.70	1.00	1.34	1.340	-	-	1339.00
			PED28779	78.70	79.60	0.90	0.12	0.123	-	-	123.00
			PED28780	79.60	80.80	1.20	0.09	0.087	-	-	87.00
			PED28781	80.80	81.10	0.30	0.03	0.027	-	-	27.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)												
81.20	84.80	Feature 1	PED28782	81.10	81.40	0.30	0.03	0.029	-	-	29.00												
		<table border="0"> <tr> <td style="text-align: center;"><i>Type</i></td> <td style="text-align: center;"><i>Dyke</i></td> <td style="text-align: center;"><i>%</i></td> <td style="text-align: center;"><i>Thickness</i></td> <td style="text-align: center;"><i>Colour</i></td> <td style="text-align: center;"><i>Vein</i></td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED28783	81.40	82.30	0.90	0.01	0.010	-	-	10.00
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																				
		QLF: BRX FOL	PED28784	82.30	82.90	0.60	0.10	0.100	-	-	100.00												
		Basaltic Komatiite; aphanitic-VFG; med green; moderate chlorite content; LCT is qtz vein 20/180 TCA	PED28785	82.90	83.50	0.60	0.00	<0.005	-	-	5.00												
		Alteration : <i>Type/Intensity/Texture</i>	PED28786	83.50	84.20	0.70	1.82	1.820	-	-	1820.00												
		CHL 1 LOC	PED28787	84.20	84.80	0.60	0.17	0.171	-	-	171.00												
84.80	85.60	Feature 1	PED28788	84.80	85.60	0.80	0.22	0.221	-	-	221.00												
		<table border="0"> <tr> <td style="text-align: center;"><i>Type</i></td> <td style="text-align: center;"><i>Dyke</i></td> <td style="text-align: center;"><i>%</i></td> <td style="text-align: center;"><i>Thickness</i></td> <td style="text-align: center;"><i>Colour</i></td> <td style="text-align: center;"><i>Vein</i></td> </tr> <tr> <td>V2 Quartz_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2 Quartz_vein	<input type="checkbox"/>	0	0											
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
V2 Quartz_vein	<input type="checkbox"/>	0	0																				
		QLF: BRX																					
		Qtz Actinolite vein; aphanitic; Lt gry w/ lt-med green fragments; Actinolite-altered wall rock fragments; trace sulphides; LCT 15/170																					
		Structure:																					
		84.80 - 85.60																					
		Alpha: 20																					
		Beta: 180																					
		Type/GEN/Intensity																					
		V 3																					
		CA1: 20																					
		CA2: 30																					



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
85.60	88.60	Feature 1	PED28790	85.60	85.90	0.30	0.67	0.665	-	-	665.00
		Type	PED28791	85.90	86.40	0.50	1.42	1.420	-	-	1421.00
		E1H High_titanium_basalt	PED28792	86.40	87.10	0.70	1.22	1.220	-	-	1221.00
		QLF: MIN GS0	PED28793	87.10	87.40	0.30	0.18	0.176	-	-	176.00
		Hi Ti Basalt; aphanitic-VFG; Dk green to black; low angle jointing w/ 1-3 mm infil of Po LCT with IOE is mineralized 65/330	PED28794	87.40	88.10	0.70	1.42	1.420	-	-	1416.00
			PED28795	88.10	88.60	0.50	0.42	0.421	-	-	421.00
88.60	89.90	Feature 1	PED28796	88.60	89.90	1.30	0.02	0.019	-	-	19.00
		Type									
		IOE Lamprophyre									
		QLF: GS1 FOL									
		LAMP DYKE; VFG; Black; carbonaceous groundmass; wk magnetism; mod fol 50/90; LCT is mineralized and sheared 60/60									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		CB 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
89.90	99.80	Feature 1	PED28797	89.90	90.20	0.30	0.39	0.393	-	-	393.00
		Type	PED28798	90.20	91.00	0.80	0.29	0.291	-	-	291.00
		E0B Komatiitic_basalt	PED28799	91.00	91.50	0.50	0.35	0.345	-	-	345.00
		QLF: SHD ALT GS1	PED28800	91.50	92.20	0.70	0.65	0.645	-	-	645.00
		Basaltic Komatiite; aphanitic-VFG; sheared 60/50 becoming mineralized proximal to qtz veining 30/190; alteration intensity increases towards LCT with Talc Zone 65/310	PED28801	92.20	93.20	1.00	0.25	0.248	-	-	248.00
			PED28802	93.20	94.10	0.90	0.22	0.215	-	-	215.00
			PED28803	94.10	94.40	0.30	1.14	1.140	-	-	1138.00
			PED28804	94.40	95.20	0.80	0.76	0.763	-	-	763.00
			PED28805	95.20	96.20	1.00	0.32	0.321	-	-	321.00
			PED28806	96.20	97.20	1.00	0.48	0.483	-	-	483.00
			PED28807	97.20	97.70	0.50	0.25	0.249	-	-	249.00
			PED28808	97.70	98.30	0.60	0.39	0.387	-	-	387.00
			PED28810	98.30	99.10	0.80	1.49	1.490	-	-	1493.00
			PED28811	99.10	99.80	0.70	1.99	1.990	-	-	1990.00
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 VND									
		BIO 3 HAL									
		Structure:									
		Alpha: 60									
		Beta: 0									
		Type/GEN/Intensity									
		V2									
		V2 3									
		CA1: CA2:									
		-30 -30									
		55 55									
		Alpha: 60									
		Beta: 0									
		Type/GEN/Intensity									
		V2 3									
		SHD 3									
		CA1: CA2:									
		-25 -30									
		60 60									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		AS GS1 0.5 DIS									
		Comment									
		Intersection of Feeder/Extensional qtz veining; Mineralization preferentially present in extensional veinlet									
		PY GS1 1 DIS									
		Comment									
		Intersection of Feeder/Extensional qtz veining; Mineralization preferentially present in extensional veinlet									
		PO GS1 2 DIS									
		Comment									
		Intersection of Feeder/Extensional qtz veining; Mineralization preferentially present in extensional veinlet									
		PY GS1 1 DIS									
		Comment									
		Dism Po/Py in sheared groundmass HW to veining									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)			
	97.20 - 97.70	PO	GS1	2	DIS	Dism Po/Py in sheared groundmass HW to veining											
	97.70 - 98.30	FC	1	DIS		Fuch alteration assoc w/ Po min in sheared wall rock adjacent to veining											
	97.70 - 98.30	PO	GS1	3	DIS	Fuch alteration assoc w/ Po min in sheared wall rock adjacent to veining											
	98.30 - 99.80	PY	GS1	1	DIS	Dism AsPy/Po/Py in sheared bands within E0B; mineralization HW to Contact with E0T											
	98.30 - 99.80	PO	GS1	2	DIS	Dism AsPy/Po/Py in sheared bands within E0B; mineralization HW to Contact with E0T											
	98.30 - 99.80	AS	GS1	2	DIS	Dism AsPy/Po/Py in sheared bands within E0B; mineralization HW to Contact with E0T											
99.80	121.40	Feature 1					PED28812	99.80	100.50	0.70	0.04	0.040	-	-	40.00		
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED28813	100.50	101.50	1.00	0.01	0.010	-	-	10.00
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0											
		QLF: DEF SCH ALT															
		Talc-Rich BK; VFG; med-dk green/blue; scattered/erratic bkgrd carb veining; LCT 60 TCA															
		Alteration :															
		<i>Type/Intensity/Texture</i>															
		TLC 2 PRV															
121.40	122.10	Feature 1															
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>									
		I0E	Lamprophyre	<input type="checkbox"/>	0	0											
		QLF: GS1 MAS															
		Lamp; VF-FG; black; 3% 2-5 mm qtz eyes/phenos; massive; low-mod carb content; low-non magnetic															



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
122.10	134.20	Feature 1	PED28814	126.40	127.20	0.80	0.00	<0.005	-	-	5.00
		Type	PED28815	127.20	127.70	0.50	0.00	<0.005	-	-	5.00
		Dyke % Thickness Colour Vein	PED28816	127.70	128.30	0.60	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED28817	128.30	128.90	0.60	0.00	<0.005	-	-	5.00
		QLF: FLT SCH SHD	PED28818	128.90	129.70	0.80	0.00	<0.005	-	-	5.00
		Talc-Rich BK; VFG; med-dk green/blue; scattered/erratic bkgnd carb veining; strong schistosity becoming faulted 25 TCA; LCT 60 TCA	PED28819	129.70	130.50	0.80	0.00	<0.005	-	-	5.00
		Alteration : Type/Intensity/Texture	PED28821	130.50	131.40	0.90	0.00	<0.005	-	-	5.00
		TLC 3 PRV	PED28822	131.40	132.10	0.70	0.00	<0.005	-	-	5.00
		Structure:	PED28823	132.10	132.40	0.30	0.00	<0.005	-	-	5.00
		127.20 - 128.90 Alpha: 25 Beta: 0	PED28824	132.40	133.00	0.60	0.00	<0.005	-	-	5.00
		Type/GEN/Intensity CA1: CA2:									
		SHD 3 25 25									
		FLT 2 25 25									
134.20	137.25	Feature 1									
		Type									
		I0E Lamprophyre <input type="checkbox"/> 0 0									
		QLF: GS1 MAS									
		Lamp; VF-FG; black; 1% 2-5 mm qtz eyes/phenos assoc w/ trace bkground qtz crb veinlets; massive; low carb content; low-non magnetic									
137.25	147.80	Feature 1									



LITHOLOGY REPORT

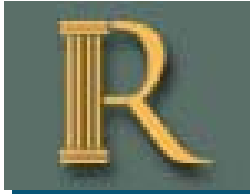
- Detailed -

Hole Number **305-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: ALT GS1</p> <p>Talc-Rich BK; VFG; med-dk green/blue; scattered/erratic bkgrd carb veining; talc alteration dissipating towards LCT 60 TCA w/ Lamp</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>BIO</p>									
147.80	148.50	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I0E <i>Lamprophyre</i></p> <p>QLF: MAS</p> <p>Lamp; VF-FG; black; 3% 2-5 mm qtz eyes/phenos at UCT; massive; low-mod carb content; mod magnetic; EOH</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>BIO</p>									



DRILL HOLE REPORT

Hole Number **305-17-02**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 56.55	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -16.98	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 140	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 21-Mar-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 22-Mar-17				Surveyed: yes
Logged: 06-Apr-17				Surveyed by: Mark Cottrell

Comment:

Coordinate - Gemcom

Coordinate - UTM

East: 10424.196

East: 448455.39

North: 49982.423

North: 5663650.46

Elev.: 5066.945

Elev.: 66.94

Zone: 15N **NAD:** NAD83

Geophysics:

Geophysic

Contractor:

Left in hole:

Making water: yes

Multi shot survey: yes

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	56.55	-16.98	C	<input checked="" type="checkbox"/>	
0.10	56.55	-16.98	Gyro	<input checked="" type="checkbox"/>	
5.10	56.84	-17.20	Gyro	<input checked="" type="checkbox"/>	
10.10	56.85	-17.38	Gyro	<input checked="" type="checkbox"/>	
15.00	56.00	-17.10	Reflex	<input type="checkbox"/>	Replaced by gyro
15.10	56.79	-17.49	Gyro	<input checked="" type="checkbox"/>	
20.10	56.81	-17.51	Gyro	<input checked="" type="checkbox"/>	
25.10	56.84	-17.58	Gyro	<input checked="" type="checkbox"/>	
30.10	56.86	-17.74	Gyro	<input checked="" type="checkbox"/>	
35.10	56.80	-17.85	Gyro	<input checked="" type="checkbox"/>	
40.10	56.80	-18.03	Gyro	<input checked="" type="checkbox"/>	
45.10	56.83	-18.23	Gyro	<input checked="" type="checkbox"/>	
50.00	56.90	-18.13	Reflex	<input type="checkbox"/>	Replaced by gyro

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
50.10	56.90	-18.36	Gyro	<input checked="" type="checkbox"/>	
55.10	57.01	-18.43	Gyro	<input checked="" type="checkbox"/>	
60.10	57.22	-18.51	Gyro	<input checked="" type="checkbox"/>	
65.10	57.30	-18.59	Gyro	<input checked="" type="checkbox"/>	
70.10	57.39	-18.77	Gyro	<input checked="" type="checkbox"/>	
75.10	57.43	-18.79	Gyro	<input checked="" type="checkbox"/>	
80.10	57.37	-18.88	Gyro	<input checked="" type="checkbox"/>	
85.10	57.39	-18.94	Gyro	<input checked="" type="checkbox"/>	
90.10	57.41	-19.08	Gyro	<input checked="" type="checkbox"/>	
95.10	57.49	-19.12	Gyro	<input checked="" type="checkbox"/>	
100.10	57.45	-19.22	Gyro	<input checked="" type="checkbox"/>	
102.00	55.33	-42.62	Reflex	<input type="checkbox"/>	Seems like it was a copy from hole 1; Replaced by gyro
105.10	57.36	-19.44	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-02

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
110.10	57.33	-19.43	Gyro	<input checked="" type="checkbox"/>	
115.10	57.30	-19.46	Gyro	<input checked="" type="checkbox"/>	
120.10	57.32	-19.59	Gyro	<input checked="" type="checkbox"/>	
125.10	57.41	-19.67	Gyro	<input checked="" type="checkbox"/>	
130.10	57.49	-19.76	Gyro	<input checked="" type="checkbox"/>	
140.00	57.52	-19.82	Reflex	<input type="checkbox"/>	Replaced by gyro



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							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
23.80	27.80	Feature 1	PED28843	23.80	24.60	0.80	0.05	0.051	-	-	51.00
		Type	PED28844	24.60	25.50	0.90	0.01	0.011	-	-	11.00
		E0T Talc_rich_unit	PED28845	25.50	26.50	1.00	0.03	0.029	-	-	29.00
		QLF: GS1 FOL	PED28846	26.50	27.20	0.70	0.39	0.394	-	-	394.00
		Talc-altered Basaltic Komatiite; Light-Med Green; VFG; foliated 35/195 TCA; moderate talc content; LCT sharp 35/45 TCA	PED28847	27.20	27.85	0.65	0.13	0.129	-	-	129.00
		Alteration : Type/Intensity/Texture									
		TLC 2 PRV									
27.80	43.75	Feature 1	PED28848	27.85	28.30	0.45	0.16	0.162	-	-	162.00
		Type	PED28849	28.30	29.00	0.70	0.41	0.407	-	-	407.00
		E1H High_titanium_basalt	PED28850	29.00	29.60	0.60	0.15	0.153	-	-	153.00
		QLF: GS1 FOL	PED33501	29.60	30.20	0.60	0.06	0.059	-	-	59.00
		Hi Ti Basalt; Dark Green/Brown to Black; Aphanitic - VFG; 3-5% 3-10 mm Background qtz actinolite veining; 3% Po and Py throughout; LCT w breccia zone 50/70 TCA;	PED33502	30.20	31.20	1.00	0.13	0.133	-	-	133.00
		Visible Gold : SampleID/Grainsize/Style	PED33503	31.20	31.90	0.70	0.07	0.071	-	-	71.00
		PED33511 1-2mm Fleck	PED33504	31.90	32.30	0.40	1.16	1.160	-	-	1156.00
		Alteration : Type/Intensity/Texture	PED33505	32.30	32.70	0.40	0.19	0.188	-	-	188.00
		AC 2 LOC	PED33506	32.70	33.10	0.40	1.17	1.170	-	-	1166.00
		BIO 2 PRV	PED33507	33.10	34.00	0.90	0.26	0.263	-	-	263.00
		Structure:	PED33508	34.00	35.00	1.00	0.21	0.206	-	-	206.00
		Alpha: 25 Beta: 0	PED33509	35.00	36.00	1.00	0.03	0.030	-	-	30.00
		Type/GEN/Intensity	PED33510	36.00	36.60	0.60	0.34	0.339	-	-	339.00
		V2 CA1: CA2:	PED33511	36.60	37.00	0.40	18.20	>10.000	18.20	-	0000.0
		25 25	PED33513	37.00	38.00	1.00	0.12	0.120	-	-	120.00
		Mineralization Maj. : Type/GSZ%/HABIT	PED33514	38.00	38.80	0.80	0.23	0.225	-	-	225.00
		Comment									



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	31.20 - 31.90	PY	GS1	1	VFG Dism Sulphides in E1H; assoc w/ 3% 1-3 mm v2a veinlets	PED33515	38.80	39.60	0.80	0.31	0.308	-	-	308.00				
	31.20 - 31.90	PO	GS1	2 DIS	VFG Dism Sulphides in E1H; assoc w/ 3% 1-3 mm v2a veinlets	PED33516	39.60	40.20	0.60	0.46	0.462	-	-	462.00				
	31.20 - 31.90	PO	GS1	2 DIS	VFG Dism Sulphides in E1H; assoc w/ 3% 1-3 mm v2a veinlets	PED33517	40.20	40.90	0.70	0.58	0.578	-	-	578.00				
	31.90 - 32.70	PY	GS1	1 DIS	Mineralization increasing towards V2A	PED33518	40.90	41.70	0.80	0.12	0.120	-	-	120.00				
	31.90 - 32.70	PO	GS1	3 DIS	Mineralization increasing towards V2A	PED33519	41.70	42.40	0.70	0.05	0.054	-	-	54.00				
	32.70 - 33.30	PY	GS1	3 DIS	Sulphides in wall rock proximal to v2a veining at multiple orientations	PED33520	42.40	43.00	0.60	0.39	0.390	-	-	390.00				
	32.70 - 33.30	PY	GS1	3 DIS	Sulphides in wall rock proximal to v2a veining at multiple orientations	PED33521	43.00	43.75	0.75	0.17	0.167	-	-	167.00				
43.75	53.75	Feature 1				PED33522	43.75	44.30	0.55	1.10	1.100	-	-	1096.00				
		Type			Dyke	%	Thickness	Colour	Vein	PED33523	44.30	44.90	0.60	9.16	9.160	-	-	3164.00
		E1H	High_titanium_basalt		<input type="checkbox"/>	60	0			PED33524	44.90	45.60	0.70	1.77	1.770	-	-	1774.00
		QLF:	BRX GS1							PED33525	45.60	46.00	0.40	1.21	1.210	-	-	1208.00
		Brecciated E1H intermixed with E0B Frags; mod brx texture; silica flooding and overprinting assoc w/ brecciation; LCT back into typical E1H 40/115 TCA								PED33526	46.00	47.00	1.00	0.73	0.725	-	-	725.00
		Alteration :	Type/Intensity/Texture							PED33527	47.00	47.80	0.80	0.87	0.866	-	-	866.00
			AMP							PED33528	47.80	48.40	0.60	0.79	0.791	-	-	791.00
			SIL							PED33529	48.40	49.10	0.70	0.37	0.372	-	-	372.00
			BIO							PED33530	49.10	49.40	0.30	0.20	0.197	-	-	197.00
		Structure:								PED33532	49.40	50.40	1.00	0.63	0.628	-	-	628.00
										PED33533	50.40	51.50	1.10	0.04	0.044	-	-	44.00
										PED33534	51.50	52.60	1.10	3.32	3.320	-	-	3321.00
	49.10 - 49.40	Alpha: 75			Beta: 60					PED33535	52.60	53.50	0.90	2.03	2.030	-	-	2035.00
		Type/GEN/Intensity			CA1:	CA2:				PED33536	53.50	53.90	0.40	2.50	2.500	-	-	2497.00
		V2	3		75	65												
		Mineralization Maj. :	Type/GSZ%/HABIT		Comment													
	44.30 - 44.90	PY	GS1	2 DIS	Mineralized Shear; Po mineralization 75/55 TCA													
	44.30 - 44.90	PO	GS1	8 DIS	Mineralized Shear; Po mineralization 75/55 TCA													
	47.00 - 49.10	PY	GS1	0.5 DIS	Minor Sulphides in E1H overprinted with silica													
	47.00 - 49.10	PO	GS2	0.5 DIS	Minor Sulphides in E1H overprinted with silica													



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Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B <i>Komatiitic_basalt</i>	☐	40	0							
		QLF: BRX GS1										
53.75	58.20	Feature 1		PED33537	53.90	54.90	1.00	0.71	0.709	-	-	709.00
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H <i>High_titanium_basalt</i>	☐	0	0							
		QLF: GS1 FOL										
		Hi Ti Basalt; Dark Green/Brown to Black; Aphanitic - VFG; 3-5% 3-10 mm Background qtz actinolite veining; 3% Po and Py throughout; LCT w Qtz vein Ore Zone 40/280 TCA										
		PED33538						1.20	1.200	-	-	1200.00
		PED33539						0.49	0.491	-	-	491.00
		PED33540						2.53	2.530	-	-	2534.00
		PED33541						4.18	4.180	-	-	4177.00
		Alteration :										
		Type/Intensity/Texture										
		AC 2 BAN										
		BIO 2 PRV										
		Mineralization Maj. :		Type/GSZ%/HABIT		Comment						
		52.60 - 57.00	PY	GS1	1	DIS	Minor-trace sulphides in E1H					
		52.60 - 57.00	PO	GS1	1	DIS	Minor-trace sulphides in E1H					
		57.00 - 58.20	PY	GS1	2	DIS	Sulphide mineralization increasing towards UCT with 2 m vein zone					
		57.00 - 58.20	PO	GS1	3	DIS	Sulphide mineralization increasing towards UCT with 2 m vein zone					
58.20	58.55	Feature 1		PED33542	58.20	58.50	0.30	3.02	3.020	-	-	3021.00
		Type	Dyke	%	Thickness	Colour	Vein					



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		V2S Quartz_vein_with_sulphides <input type="checkbox"/> 0 0 X QLF: BRX PLA Brecciated Qtz Vein; Brecciated groundmass lined with Tourmaline and Actinolite; trace sulphides; LCT into R5 Replacement zone 25/275 TCA Alteration : Type/Intensity/Texture AMP SIL BIO Mineralization Maj. : Type/GSZ%/HABIT Comment 58.20 - 58.50 PO GS1 0.5 DIS Creamy qtz vein; trace sulphides with actinolite and tourmaline surrounding fragments 58.20 - 58.50 PY GS1 1 DIS Creamy qtz vein; trace sulphides with actinolite and tourmaline surrounding fragments									
58.55	58.80	Feature 1	PED33543	58.50	58.80	0.30	22.37	>10.00	22.37	-	0000.0
		R5 Sulphides <input type="checkbox"/> 0 0 QLF: Sulphide Replacement within larger Qtz Vein; 20% VFG Po/Py/Sp replacement foliated ~40/240 TCA; LCT back into Qtz veining Alteration : Type/Intensity/Texture AMP Mineralization Maj. : Type/GSZ%/HABIT Comment 58.50 - 58.80 SP GS1 3 DIS Strong Po/Py/Sp replacement zone within									



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	58.50 - 58.80	PY	GS1	3	DIS	creamy qtz vein; VFG Strong Po/Py/Sp replacement zone within creamy qtz vein; VFG											
	58.50 - 58.80	PO	GS1	7	DIS	Strong Po/Py/Sp replacement zone within creamy qtz vein; VFG											
58.80	60.20	Feature 1					PED33545	58.80	59.10	0.30	5.68	5.680	-	-	5680.00		
		Type		Dyke	%	Thickness	Colour	Vein									
		V2A	Quartz_carb_actinolite_vein	<input type="checkbox"/>	70	0		P	PED33546	59.10	59.40	0.30	3.73	3.730	-	-	3727.00
		QLF: BRK BAN FOL					PED33547	59.40	59.80	0.40	3.20	3.200	-	-	3199.00		
		Brecciated Qtz Vein interbedded w/ fragmental E1H; Brecciated groundmass lined with Tourmaline and Actinolite; trace sulphides; LCT into E1H 10/270TCA					PED33548	59.80	60.20	0.40	3.61	3.610	-	-	3614.00		
		Alteration :		Type/Intensity/Texture													
				SIL	3	BAN											
				AC	2	LOC											
		Structure:															
	58.20 - 60.20	Alpha:	40	Beta:	260												
		Type/GEN/Intensity		CA1:	CA2:												
		V2	3	40	10												
		Mineralization Maj. : Type/GSZ%/HABIT					Comment										
	58.80 - 59.40	PY	GS1	1	DIS	Minor Sulphides in creamy qtz vein; tourmaline-lined fractures with actinolite- altered rock frags											
	58.80 - 59.40	PO	GS1	2.5	DIS	Minor Sulphides in creamy qtz vein; tourmaline-lined fractures with actinolite- altered rock frags											
	59.40 - 60.20	PY	GS1	2	DIS	Large fragments of mineralized host rock towards LCT of qtz vein; sulphides preferentially mineralized in host rock proximal to silica/qtz veining											



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	59.40 - 60.20	PO	GS1	5	DIS	Large fragments of mineralized host rock towards LCT of qtz vein; sulphides preferentially mineralized in host rock proximal to silica/qtz veining										
Feature 2:																
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>									
		E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	30	0		F									
		<i>QLF:</i> BRK BAN FOL														
60.20	62.50	Feature 1				PED33549	60.20	60.60	0.40	2.21	2.210	-	-	2213.00		
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED33550	60.60	61.10	0.50	0.73	0.725	-	-	725.00
		E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0			PED33551	61.10	61.70	0.60	1.76	1.760	-	-	1757.00
		<i>QLF:</i> GS1 FOL BRK														
		Hi Ti Basalt; Dark Green/Brown to Black; Aphanitic - VFG; 3-5% 3-5 mm Background qtz actinolite veining; 3% Po and Py throughout; LCT w/ brx/interbedded E1H 60/355 TCA														
Alteration :																
		<i>Type/Intensity/Texture</i>														
		AC 2 LOC														
		BIO 2 PRV														
Mineralization Maj. :																
		<i>Type/GSZ%/HABIT</i>	<i>Comment</i>													
	60.20 - 62.50	PY GS1 1.5 DIS	VFG dism sulphides in E1H; assoc w mm-scale v2a veining in brx pattern													
	60.20 - 62.50	PO GS1 2 DIS	VFG dism sulphides in E1H; assoc w mm-scale v2a veining in brx pattern													
62.50	63.40	Feature 1				PED33553	62.50	63.40	0.90	0.45	0.450	-	-	450.00		



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: BRX FOL</p> <p>Brecciated E1H intermixed with E0B Frags; mod brx texture; silica flooding and overprinting assoc w/ brecciation; LCT w/ sheared R5 65/70 TCA.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AC 2 LOC</p> <p style="margin-left: 40px;">BIO 2 PRV</p>									
		<p>Feature 2:</p> <p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: BRX FOL</p>									
63.40	63.90	<p>Feature 1</p> <p>Type</p> <p>R5 Sulphides</p> <p>QLF: SHD BAN</p> <p>Sheared Py/Po replacement; 40% banded sulphided within Interbedded E1H/E0B; LCT 65/70</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p style="margin-left: 20px;">63.40 - 63.90 Alpha: 60 Beta: 70</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p>	PED33554	63.40	63.90	0.50	1.30	1.300	-	-	1299.00



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		55 65									
		Mineralization Maj. : Type/GSZ%/HABIT									
	63.40 - 63.90	PY GS1 5 DIS									
		Comment									
		Strong sulphide replacement in mineralized shear zone; shearing 60/70 TCA; blebs of massive po/py									
	63.40 - 63.90	PO GS1 20 DIS									
		Strong sulphide replacement in mineralized shear zone; shearing 60/70 TCA; blebs of massive po/py									
63.90	67.70	Feature 1									
		Type									
		E1H High_titanium_basalt									
		QLF: BRK FOL									
		Brecciated E1H intermixed with E0B Frags; mod brx texture; silica flooding and overprinting assoc w/ brecciation; LCT w/ Talc Zone defined by .7 m Qtz breccia zone									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		Structure:									
	66.00 - 66.70	Alpha: 5									
		Beta: 0									
		Type/GEN/Intensity									
		V2 3									
		CA1: CA2:									
		5 60									
		Mineralization Maj. : Type/GSZ%/HABIT									
	66.00 - 66.70	SP GS1 0.5 DIS									
		Comment									
		Chaotic qtz vein with angular fragments; dism sulphides at contacts with altered host rock frags									
	66.00 - 66.70	PY GS1 1 DIS									
		Chaotic qtz vein with angular fragments; dism sulphides at contacts with altered host rock frags									



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	66.00 - 66.70	PO GS1 2 Chaotic qtz vein with angular fragments; dism sulphides at contacts with altered host rock frags									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0						
		QLF: BRK FOL									
67.70	69.40	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0						
		QLF: SHD BRK SCH									
		Sheared Talc-Altered BK; light-med green; Aphanitic-FG; minor qtz veining // to shearing; LCT w/ dyke 50/270 TCA									
		Alteration :	Type/Intensity/Texture								
			SIL 1 BAN								
			TLC 3 PRV								
69.40	70.50	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I0E <i>Lamprophyre</i>	<input checked="" type="checkbox"/>	0	0						
		QLF: GSO MAS MAG									
		Lamp Dyke; Could be Mafic?; Aphanitic; massive; low carb content; mod magnetism; LCT 60/290									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Alteration :	Type/Intensity/Texture									
			MAG 2 PRV									
70.50	86.60	Feature 1	PED33565	70.40	71.00	0.60	0.00	<0.005	-	-	5.00	
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0							
		QLF: ALT SHD SCH										
		Talc-altered Basaltic Komatiite; Light-Med Green; VFG; foliated 35/195 TCA; moderate talc content; LCT with Lamp Folded										
		Alteration :	Type/Intensity/Texture									
			TLC 3 PRV									
86.60	87.40	Feature 1	I0E	Lamprophyre	<input checked="" type="checkbox"/>	80	0					
		QLF: GSO MAG										
		Lamp Dyke; Could be Mafic?; Aphanitic; massive; low carb content; mod magnetism; LCT 20 TCA										
		Alteration :	Type/Intensity/Texture									
			MAG 2 PRV									
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	<input checked="" type="checkbox"/>	20	0							



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		QLF: GSO MAG																	
87.40	109.00	Feature 1																	
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0																
		QLF: SHD SCH																	
		Talc-altered Basaltic Komatiite; Light-Med Green; VFG; foliated moderate talc content; LCT w/ dyke 25 TCA																	
		Alteration :																	
		Type/Intensity/Texture																	
		TLC 3 PRV																	
109.00	109.40	Feature 1																	
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I0E <i>Lamprophyre</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0	0							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0	0																
		QLF:																	
		Lamp Dyke; black; aphanitic; foliated; low-mod magnetism; low-mod carb content; LCT sharp 45 TCA																	
		Alteration :																	
		Type/Intensity/Texture																	
		AMP																	
		SIL																	
		BIO																	
109.40	119.60	Feature 1																	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: FOL SCH FRA</p> <p>Fragmental Talc Zone; mod brx texture throughout w/ 2-5 cm semi-angular fragments hosted in talc-rich groundmass; LCT w/ mafic/lamp dyke 45/10 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="padding-left: 40px;">TLC 3 PRV</p>									
119.60	137.10	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I1 <i>Mafic_intrusive</i> <input checked="" type="checkbox"/> 0 0</p> <p>QLF: GS1 MAS</p> <p>Mafic Dyke (Possible Lamp?); Dark grey to black; aphanitic to VFG; massive to very weakly foliated; fragmental near UCT w/ 3-10 cm frags of adjacent e0t; LCT 55 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="padding-left: 40px;">AMP SIL BIO</p>									
137.10	140.00	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: SCH FOL</p>									



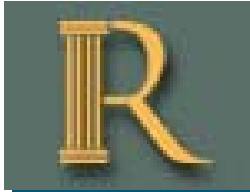
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-02

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		Fragmental Talc Zone; wk brx texture throughout w/ 2-5 cm semi-angular fragments hosted in talc-rich groundmass; LCT is EOH									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									



DRILL HOLE REPORT

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 61.7	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 12.96	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 130	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 23-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 27-Mar-17				Surveyed: yes
Logged: 05-Apr-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10424.159	East: 448455.32
			North: 49982.355	North: 5663650.45
			Elev.: 5068.095	Elev.: 68.1
			Zone: 15N	NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	61.70	12.96	C	<input checked="" type="checkbox"/>	
0.10	61.70	12.96	Gyro	<input checked="" type="checkbox"/>	
5.10	61.97	12.95	Gyro	<input checked="" type="checkbox"/>	
10.10	62.14	12.78	Gyro	<input checked="" type="checkbox"/>	
15.00	60.84	12.51	Reflex	<input type="checkbox"/>	Replaced by gyro
15.10	62.18	12.59	Gyro	<input checked="" type="checkbox"/>	
20.10	62.30	12.47	Gyro	<input checked="" type="checkbox"/>	
25.10	62.29	12.31	Gyro	<input checked="" type="checkbox"/>	
30.10	62.34	12.19	Gyro	<input checked="" type="checkbox"/>	
35.10	62.45	12.01	Gyro	<input checked="" type="checkbox"/>	
40.10	62.59	11.88	Gyro	<input checked="" type="checkbox"/>	
45.10	62.80	11.61	Gyro	<input checked="" type="checkbox"/>	
50.10	62.99	11.41	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
51.00	61.74	11.34	Reflex	<input type="checkbox"/>	Replaced by gyro
55.10	63.15	11.29	Gyro	<input checked="" type="checkbox"/>	
60.10	63.31	11.15	Gyro	<input checked="" type="checkbox"/>	
100.00	63.12	9.40	Reflex	<input type="checkbox"/>	Replaced by gyro
139.79	57.34	8.54	Reflex	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)	
0.00	22.84	Feature 1	PED28851	12.50	13.50	1.00	0.05	0.045	-	-	45.00
		Type	PED28852	13.50	13.70	0.20	0.04	0.044	-	-	44.00
		E0B Komatiitic_basalt	PED28853	13.70	14.70	1.00	0.01	0.012	-	-	12.00
		QLF: ALT DEF VND	PED28854	16.45	17.30	0.85	0.47	0.468	-	-	468.00

Komatiitic Basalt: Fine-grained, dark greenish-grey, massive textured with moderate fracturing (1-3/m) @ 50-70 tca with chl+/- talc infilling, moderate pervassive chl alteration, weak patchy talc alteration, from 12 to 17m there is weak patchy silica-bio alteration , 2-3% whitish-green fragmented/ irregular qtz-carb str (which locally have serpentine-act alteration) the qtz-carb str locally contain breccia fragments of wallrock, from 12.5 to 13.7m there is 5-10% silicified whitish-green qtz-carb-act vnls/str (varying from 1 cm to 15 cm wide) @ 10 to 45 tca, no visible mineralizaation, locally weakly magnetitic, lower contact with Basalt @ 70 tca. Selectively sampled in silicified sections.

Alteration : **Type/Intensity/Texture**
 SIL 2 PCH
 TLC 1 PCH
 CHL 2 PRV

Structure:
 12.50 - 13.70 Alpha: 25 Beta: 230
 Type/GEN/Intensity **CA1:** **CA2:**
 V2 3 10 45

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V2A Quartz_carb_actinolite_vein	□	10	0		F

QLF: ALT DEF VND

Alteration : **Type/Intensity/Texture**
 AC 2 VND
 SIL 3 PRV



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
22.84	34.40	Feature 1	PED28855	22.84	24.00	1.16	0.06	0.060	-	60.00
		Type	PED28856	24.00	25.00	1.00	0.38	0.379	-	379.00
		E1H High_titanium_basalt	PED28857	25.00	26.00	1.00	0.08	0.081	-	81.00
		QLF: ALT VND GS1	PED28858	26.00	27.00	1.00	0.19	0.192	-	192.00
		Basalt: Fine-grained, dark greenish-brown, massive textured with weak fracturing (1-3/m) @ 25-35 tca with chl-bio infilling, weak to moderate pervasive silica-bio alteration, 4-5% planar sil'd qtz-carb-act strs/threads @ 25-35 tca, weak mineralization with trace to 1% fine-gr dissemin po-py which locally increases to 2-3% in proximity to the sil'd str, lower contact with Komatiitic Basalt @ 65 tca. Completely sampled.	PED28859	27.00	28.00	1.00	0.08	0.077	-	77.00
			PED28860	28.00	29.00	1.00	0.50	0.500	-	500.00
			PED28861	29.00	30.00	1.00	0.56	0.559	-	559.00
			PED28862	30.00	31.00	1.00	0.38	0.380	-	380.00
		Alteration :	PED28863	31.00	32.00	1.00	0.12	0.122	-	122.00
		Type/Intensity/Texture	PED28864	32.00	33.00	1.00	0.22	0.215	-	215.00
		CHL 2 PRV	PED28865	33.00	33.90	0.90	0.20	0.201	-	201.00
		SIL 2 PRV	PED28866	33.90	34.40	0.50	0.01	0.008	-	8.00
		BIO 2 PCH								
		Structure:								
		22.84 - 34.40 Alpha: 30								
		Type/GEN/Intensity								
		V2 1								
		Beta: 230								
		CA1: CA2:								
		25 35								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		22.84 - 34.40 PY GS1 0.5 DIS								
		Comment								
		Basalt: po-py mineralization increases to 2-3% in proximity to sil'd qtz-carb-act str.								
		22.84 - 34.40 PO GS1 1 DIS								
		Basalt: po-py mineralization increases to 2-3% in proximity to sil'd qtz-carb-act str.								
		Feature 2:								
		Type								
		V2A Quartz_carb_actinolite_vein								
		QLF: ALT VND GS1								
		Alteration :								
		Type/Intensity/Texture								
		SIL 3 VND								
		AC 2 VND								



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
34.40	38.29	Feature 1	PED28867	34.40	35.50	1.10	0.12	0.119	-	-	119.00
		Type	PED28868	35.50	36.40	0.90	0.15	0.152	-	-	152.00
		E0B Komatiitic_basalt	PED28869	36.40	36.80	0.40	0.52	0.523	-	-	523.00
		QLF: ALT VND BRX	PED28870	36.80	37.45	0.65	0.44	0.444	-	-	444.00
			PED28871	37.45	38.30	0.85	1.18	1.180	-	-	1175.00

Komatiitic Basalt: Fine to med-grained, greenish-brown, massive textured with increased brecciation fabric from 36.4 to 38.29m, moderate to strong pervassive silica and bio as wispy bands defining a foliation/bx fabric @ 60 tca., local sil'd veining containing angular fragments of both Komatiitic Basalt and Basalt from 36.9 to 37.45m @ 45-50 tca (veining is somewhat irregular / fragmented), 1% po-py concentrated within bio bands, lower contact with Basalt @ 75 tca. Completely sampled.

Alteration : **Type/Intensity/Texture**
 CHL 2 PRV
 SIL 3 PRV
 BIO 3 BAN

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V2A Quartz_carb_actinolite_vein	□	5	0	WHT	F
QLF: ALT VND BRX					

Alteration : **Type/Intensity/Texture**
 SIL 3 VND
 AC 2 VND



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
38.29	44.58	Feature 1	PED28872	38.30	39.00	0.70	0.15	0.154	-	-	154.00
		Type	PED28873	39.00	40.00	1.00	0.61	0.611	-	-	611.00
		E1H High_titanium_basalt	PED28874	40.00	41.00	1.00	0.72	0.723	-	-	723.00
		QLF: ALT VND MIN	PED28875	41.00	42.00	1.00	1.12	1.120	-	-	1124.00
		Basalt: Fine-grained, dark greenish-brown, massive textured with weak fracturing (1-3/m) @ 15-35 tca with chl-bio infilling, moderate to strong pervasive silica-bio alteration, 4-5% planar sil'd qtz-carb-act strs/threads @ 15-35 tca, weak mineralization with 1% fine-gr dissemin po-py which locally increases to 2-3% in proximity to the sil'd strs, lower contact with Breccia Fault Vein @ 20 tca. Completely sampled.	PED28876	42.00	43.00	1.00	1.73	1.730	-	-	1728.00
			PED28877	43.00	44.00	1.00	0.79	0.792	-	-	792.00
			PED28879	44.00	44.75	0.75	1.73	1.730	-	-	1734.00
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 3 PRV									
		BIO 2 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		38.29 - 44.58 PY GS1 0.5 DIS									
		38.29 - 44.58 PO GS1 1 DIS									
		Comment									
		Basalt: po-py mineralization increases to 2-3% in proximity to sil'd qtz-carb-act strs.									
		Basalt: po-py mineralization increases to 2-3% in proximity to sil'd qtz-carb-act strs.									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 VND									
		AC 2 VND									
44.58	45.37	Feature 1	PED28880	44.75	45.40	0.65	0.86	0.859	-	-	859.00



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)		
		Type	Dyke	%	Thickness	Colour	Vein										
		V2A Quartz_carb_actinolite_vein	☐	0	0		F										
		QLF: ALT MIN															
		Breccia Fault Vein: Silicified qtz-carb-act vein containing angular fragments of mineralized Basalt (10-15%), vein is whitish-green with moderate act alteration, upper contact highly contorted with increased bx fragments @ 15-20 tca, lower contact sharp @ 45 tca., po-py mineralization restricted to angular Basalt fragments (1% po-py), Completely sampled.															
		Alteration :															
		Type/Intensity/Texture															
		BIO 3 LOC															
		SIL 3 PRV															
		AC 3 VND															
		Structure:															
44.58 - 45.37		Alpha: 50				Beta: 325											
		Type/GEN/Intensity				CA1: CA2:											
		V2 3				45 55											
		Mineralization Maj. :															
		Type/GSZ%/HABIT															
44.58 - 45.37		PY GS1 1 DIS															
		Comment															
		Breccia Fault Vein: Silicified qtz-carb-act vein containing angular fragments of mineralized Basalt (10-15%), vein is whitish-green with moderate act alteration, upper contact highly contorted with increased bx fragments @ 15-20 tca, lower contact sharp @ 45 tca., po-py mineralization restricted to angular Basalt fragments (1% po-py)															
44.58 - 45.37		PO GS1 1 DIS															
		Breccia Fault Vein: Silicified qtz-carb-act vein containing angular fragments of mineralized Basalt (10-15%), vein is whitish-green with moderate act alteration, upper contact highly contorted with increased bx fragments @ 15-20 tca, lower contact sharp @ 45 tca., po-py mineralization restricted to angular Basalt fragments (1% po-py)															



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
45.37	60.17	Feature 1	PED28882	45.40	46.40	1.00	1.38	1.380	-	-	1379.00
		Type	PED28883	46.40	47.00	0.60	0.40	0.398	-	-	398.00
		E1H High titanium basalt	PED28884	47.00	47.50	0.50	1.18	1.180	-	-	1175.00
		QLF: ALT VND MIN	PED28885	47.50	48.00	0.50	2.73	2.730	-	-	2729.00
		High Ti Basalt: Fine-grained, dark greenish-brown, massive textured with weak fracturing (1-3/m) @ 15-35 tca and 55-60 tca with chl-bio infilling, moderate to strong pervasive silica-bio alteration, 4-5% planar to fragmented sil'd qtz-carb-act vnlt/strs/threads (0.5 cm to 10 cm wide) @ 15-35 tca, weak mineralization with 1% fine-gr dissemin po-py which locally increases to 4-5% in proximity to the sil'd vnlt/strs, lower contact with Breccia Fault Vein @ 30 tca. Completely sampled.	PED28887	48.00	49.00	1.00	0.26	0.259	-	-	259.00
			PED28888	49.00	50.00	1.00	0.49	0.489	-	-	489.00
			PED28889	50.00	51.00	1.00	0.36	0.360	-	-	360.00
			PED28890	51.00	52.00	1.00	0.15	0.147	-	-	147.00
			PED28891	52.00	53.00	1.00	0.29	0.288	-	-	288.00
		Alteration :	PED28892	53.00	53.70	0.70	0.21	0.214	-	-	214.00
		Type/Intensity/Texture	PED28893	53.70	54.20	0.50	0.16	0.159	-	-	159.00
		CHL 3 PCH	PED28894	54.20	55.50	1.30	0.86	0.856	-	-	856.00
		SIL 3 PRV	PED28895	55.50	56.50	1.00	0.01	0.013	-	-	13.00
		BIO 3 PRV	PED28896	56.50	57.50	1.00	0.21	0.213	-	-	213.00
		Structure:	PED28897	57.50	58.50	1.00	0.28	0.283	-	-	283.00
		45.37 - 60.17	PED28898	58.50	59.00	0.50	12.29	>10.00	12.29	-	0000.0
		Alpha: 30	PED28899	59.00	59.50	0.50	7.23	7.230	-	-	7227.00
		Beta: 225	PED28900	59.50	60.10	0.60	2.60	2.600	-	-	2597.00
		Type/GEN/Intensity	PED28901	60.10	61.10	1.00	2.75	2.750	-	-	2755.00
		V2 3									
		CA1: CA2:									
		15 35									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		45.40 - 51.00									
		PY GS1 1 DIS									
		Comment									
		Basalt: po-py mineralization increases to 2-									
60.17	61.10	Feature 1									
		Type									
		V2A Quartz carb actinolite vein									
		QLF: ALT MIN BRX									
		Breccia Fault Vein: Silicified qtz-carb-act vein containing angular fragments of mineralized bio altered Basalt (5-10%), vein is greyish-white with strong silica and moderate act alteration, vein displays strong internal microfracturing (cataclastic textures), upper and lower contacts sharp @ 30-35 tca, po-py mineralization concentrated in Basalt along vein margins up to 5-10% and along bio planes internal to the vein.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 3 LCC									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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High Ti Basalt: Fine-grained, dark greenish-brown, massive textured with weak fracturing (1-3/m) @ 25-35 tca with chl-bio infilling, strong pervassive silica-bio alteration, 4-5% planar to fragmented sil'd qtz-carb-act vnlt/strs/threads (0.5 cm to 2 cm wide) @ 25-50 tca, mineralized with 2-3% fine-gr dissemin po-py, lower contact with Breccia Fault Vein @ 30 tca. Completely sampled.

Alteration : **Type/Intensity/Texture**
 CHL 2 PCH
 SIL 3 PRV
 BIO 3 PRV

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	WHT	S

QLF: ALT VND MIN

Alteration : **Type/Intensity/Texture**
 SIL 3 VND
 AC 2 VND

63.05	63.35	Feature 1	PED28905	63.00	63.40	0.40	3.02	3.020	-	-	3023.00
-------	-------	------------------	----------	-------	-------	------	------	-------	---	---	---------

Type	Dyke	%	Thickness	Colour	Vein
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	WHT	F

QLF: ALT MIN BRX

Breccia Fault Vein: Silicified qtz-carb-act vein containing angular fragments of mineralized bio altered Basalt (5-10%), vein is greyish-white with strong silica and moderate act alteration, vein displays strong internal microfracturing (cataclastic textures), upper and lower contacts sharp @ 30-35 tca, po-py mineralization concentrated in Basalt along vein margins up to 5-10% and along bio planes internal to the vein.

Alteration : **Type/Intensity/Texture**
 BIO 3 LOC



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																							
		<p>with chl-bio infilling, strong pervasive silica-bio alteration, 4-5% planar to fragmented sil'd Qtz-carb-act vnlt/strs/threads (0.5 cm to 2 cm wide) @ 25-50 tca, mineralized with 5-10% fine-gr dissemin po-py, lower contact with Komatiitic Basalt @ 55 tca. Completely sampled.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 20px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CHL 2 PCH</td> <td></td> </tr> <tr> <td>SIL 3 PRV</td> <td></td> </tr> <tr> <td>BIO 3 PRV</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>63.35 - 64.84</td> <td>Alpha: 35</td> <td>Beta: 270</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>V2 3</td> <td>30 40</td> </tr> </table> <p>Mineralization Maj. :</p> <table style="margin-left: 20px;"> <tr> <td>Type/GSZ%/HABIT</td> <td></td> <td>Comment</td> </tr> <tr> <td>63.35 - 64.84</td> <td>PY GS1 5 DIS</td> <td>High Ti Basalt: mineralized with 5-10% fine-gr dissemin po-py.</td> </tr> <tr> <td>63.35 - 64.84</td> <td>PO GS1 5 DIS</td> <td>High Ti Basalt: mineralized with 5-10% fine-gr dissemin po-py.</td> </tr> </table> <p>Feature 2:</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td style="text-align: center;">S</td> </tr> </table> <p>QLF: ALT VND MIN</p>	Type/Intensity/Texture		CHL 2 PCH		SIL 3 PRV		BIO 3 PRV		63.35 - 64.84	Alpha: 35	Beta: 270		Type/GEN/Intensity	CA1: CA2:		V2 3	30 40	Type/GSZ%/HABIT		Comment	63.35 - 64.84	PY GS1 5 DIS	High Ti Basalt: mineralized with 5-10% fine-gr dissemin po-py.	63.35 - 64.84	PO GS1 5 DIS	High Ti Basalt: mineralized with 5-10% fine-gr dissemin po-py.	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0		S										
Type/Intensity/Texture																																																		
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Type	Dyke	%	Thickness	Colour	Vein																																													
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0		S																																													
64.84	73.00	Feature 1	PED28909	64.90	66.00	1.10	0.17	0.173	-	-	173.00																																							
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FRA FTB</p> <p>Komatiitic Basalt: Fine-med-grained, dark green colour, strong chl alteration, weak patchy talc alter., massive</p>																																																
		<table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																																					
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E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																																														



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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textured with local breccia textures, local spinifex textures from 69 to 71m, weakly fractured (1-3/m) @ 40-50 tca and 60-70 tca with chl-talc infilling (local slickenside features present on fracture surfaces), minor greyish qtz-carb str (1%) @ 50-55 tca, no visible mineralization, lower contact with Lamp dyke sharp @ 40 tca. Selectively sampled at top of unit.

Alteration :

Type/Intensity/Texture
TLC 1 FF
SIL 1 PCH
CHL 3 PRV

73.00 74.80 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0	BLK	

QLF: MAS GS1 FRA

Lamp Dyke: Fine-grained, dark green to black, massive textured with local fracturing (3-10/m) @ 15-30 and 55-60 tca infilled with chl, no veining or mineralization present, sharp contacts @ 40-50 tca.

Alteration :

Type/Intensity/Texture
AMP

74.80 82.33 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND	

QLF: ALT MAS FRA

Komatiitic Basalt: Fine-med-grained, dark green colour, strong chl alteration, weak patchy talc alter., massive textured with local breccia textures, weakly fractured (1-3/m) @ 25-35 tca and 60-70 tca with chl-talc infilling (local slickenside features present on fracture surfaces), minor whitishish qtz-carb str (1%) @ 50-55 tca, no



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
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visible mineralization, lower contact with Mafic Dyke sharp @ 45 tca.

Alteration :

Type/Intensity/Texture
TLC 1 FF
SIL 0 PCH
CHL 3 PRV

82.33 98.25 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND	

QLF: GS1 MAS FRA

Mafic Dyke (possible Lamp Dyke): Fine-gr, dark green to black, massive textured to weakly foliated @ 40-45 tca, weakly fractured (1-3/m) @ 15 to 35 tca with chl infilling fracture surfaces, no significant veining or mineralization, sharp contacts @ 40-45 tca. Not sampled.

Alteration :

Type/Intensity/Texture
AMP 2 PRV
BIO 1 SPT
CHL 3 PRV

98.25 109.50 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM	S

QLF: ALT FOL FRA

Komatiitic Basalt: Fine-med-grained, dark green colour, strong chl-talc alteration, moderate developed foliation



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																					
		<p>fabric @ 40-50 tca with 4-5% fragmented/disrupted whitish qtz-carb str/threads parallel to the foliation fabric, weakly fractured (1-3/m) @ 25-45 tca and 60-70 tca (<1/m) with chl-talc infilling (local slickenside features present on fracture surfaces), no visible mineralization, lower contact with Mafic Dyke sharp @ 45 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CB</td> <td>1 PRV</td> </tr> <tr> <td>TLC</td> <td>2 PCH</td> </tr> <tr> <td>CHL</td> <td>3 PRV</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>98.25 - 109.50</td> <td>Alpha: 45</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>FOL 2</td> <td>40 50</td> </tr> </table>											Type/Intensity/Texture		CB	1 PRV	TLC	2 PCH	CHL	3 PRV	98.25 - 109.50	Alpha: 45	Beta: 0		Type/GEN/Intensity	CA1: CA2:		FOL 2	40 50			
Type/Intensity/Texture																																
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98.25 - 109.50	Alpha: 45	Beta: 0																														
	Type/GEN/Intensity	CA1: CA2:																														
	FOL 2	40 50																														
109.50	124.35	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </table> <p>QLF: ALT FOL FRA</p> <p>Mafic Dyke (possible Lamp Dyke): Fine to med-gr, dark green to black, massive textured to weakly foliated @ 10-30 tca, moderate chl-bio alteration defining the foliation, weakly fractured (1-3/m) @ 20 to 30 tca with chl-bio infilling fracture surfaces, no significant veining or mineralization, sharp contacts @ 45 tca, lower contact with Komatiitic Basalt somewhat sheared with local qtz-carb vnlt. Not sampled.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> <td>2 PRV</td> </tr> <tr> <td>CHL</td> <td>2 PRV</td> </tr> <tr> <td>BIO</td> <td>2 PRV</td> </tr> </table>											Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND		Type/Intensity/Texture		AMP	2 PRV	CHL	2 PRV	BIO	2 PRV
Type	Dyke	%	Thickness	Colour	Vein																											
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND																												
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CHL	2 PRV																															
BIO	2 PRV																															



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
124.35	139.78	Feature 1																		
		<p style="margin: 0;">Type</p> <p style="margin: 0;">E0B Komatiitic_basalt</p> <p style="margin: 0;">QLF: ALT BRX FRA</p> <p style="margin: 0;">Komatiitic Basalt: Fine-med-grained, dark grey colour, strong chl-talc alteration (local serpentine present in veining), moderate to strong rubbly breccia texture developed (possible insitu flow top breccia?), minor (2-3%) fragmented/disrupted whitish qtz-carb str/threads at various angles and as infilling matrix of the rubbly breccia, weakly fractured (1-3/m) @ 25-45 tca and 50-60 tca (1-3/m) with chl-talc infilling (local sliken-slide features present on fracture surfaces), no visible mineralization, not sampled, EOH @ 139.78m.</p> <p style="margin: 0;">Alteration :</p> <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SRP 2 VND</td> <td></td> </tr> <tr> <td>TLC 3 PRV</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table>	Type/Intensity/Texture		SRP 2 VND		TLC 3 PRV		CHL 3 PRV											
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SRP 2 VND																				
TLC 3 PRV																				
CHL 3 PRV																				
		<table style="border: none;"> <tr> <td style="padding-right: 10px;">Dyke</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="padding-right: 10px;">%</td> <td style="text-align: center;">0</td> <td style="padding-right: 10px;">Thickness</td> <td style="text-align: center;">0</td> <td style="padding-right: 10px;">Colour</td> <td style="text-align: center;">GYD</td> <td style="padding-right: 10px;">Vein</td> <td></td> </tr> </table>	Dyke	<input type="checkbox"/>	%	0	Thickness	0	Colour	GYD	Vein									
Dyke	<input type="checkbox"/>	%	0	Thickness	0	Colour	GYD	Vein												
139.78	139.79	Feature 1																		
		<p style="margin: 0;">Type</p> <p style="margin: 0;">ZEH End_of_Hole</p> <p style="margin: 0;">QLF:</p> <p style="margin: 0;">EOH @ 139.78 m.</p> <p style="margin: 0;">Alteration :</p> <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>AMP</td> <td></td> </tr> <tr> <td>SIL</td> <td></td> </tr> <tr> <td>BIO</td> <td></td> </tr> </table>	Type/Intensity/Texture		AMP		SIL		BIO											
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Dyke	<input type="checkbox"/>	%	0	Thickness	0	Colour		Vein												



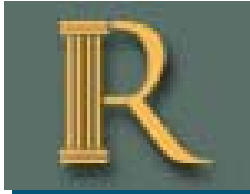
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-03

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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DRILL HOLE REPORT

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 44.25	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: -44.7	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 150	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 24-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 25-Mar-17				Surveyed: yes
Logged: 28-Apr-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10423.799	East: 448455.37
			North: 49982.803	North: 5663651.02
			Elev.: 5066.397	Elev.: 66.4
				Zone: 15N NAD: NAD83
				Geophysic Contractor:
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	44.25	-44.70	C	<input checked="" type="checkbox"/>	
0.10	42.50	-44.70	Gyro	<input checked="" type="checkbox"/>	
5.10	42.55	-44.79	Gyro	<input checked="" type="checkbox"/>	
10.10	42.66	-45.02	Gyro	<input checked="" type="checkbox"/>	
15.00	42.52	-45.49	Reflex	<input type="checkbox"/>	Replaced by gyro
15.10	42.84	-44.95	Gyro	<input checked="" type="checkbox"/>	
20.10	42.17	-45.12	Gyro	<input checked="" type="checkbox"/>	
25.10	41.93	-45.29	Gyro	<input checked="" type="checkbox"/>	
30.10	41.96	-45.10	Gyro	<input checked="" type="checkbox"/>	
35.10	41.55	-45.03	Gyro	<input checked="" type="checkbox"/>	
40.10	41.47	-45.02	Gyro	<input checked="" type="checkbox"/>	
45.10	41.67	-44.96	Gyro	<input checked="" type="checkbox"/>	
50.00	44.08	-45.16	Reflex	<input type="checkbox"/>	Replaced by gyro

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
50.10	41.81	-44.98	Gyro	<input checked="" type="checkbox"/>	
55.10	41.86	-44.87	Gyro	<input checked="" type="checkbox"/>	
60.10	41.85	-44.75	Gyro	<input checked="" type="checkbox"/>	
65.10	41.88	-44.72	Gyro	<input checked="" type="checkbox"/>	
70.10	41.96	-44.64	Gyro	<input checked="" type="checkbox"/>	
75.10	42.06	-44.58	Gyro	<input checked="" type="checkbox"/>	
80.10	42.20	-44.54	Gyro	<input checked="" type="checkbox"/>	
85.10	42.40	-44.51	Gyro	<input checked="" type="checkbox"/>	
90.10	42.63	-44.42	Gyro	<input checked="" type="checkbox"/>	
95.10	42.59	-44.29	Gyro	<input checked="" type="checkbox"/>	
100.10	42.66	-44.25	Gyro	<input checked="" type="checkbox"/>	
102.00	317.36	-45.71	Reflex	<input type="checkbox"/>	No good
105.00	43.23	-44.36	Reflex	<input type="checkbox"/>	Replaced by gyro



HEADER REPORT

Hole Number

Project: **PHOENIX**

Project Number: **2**

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
105.10	42.58	-44.24	Gyro	<input checked="" type="checkbox"/>	
110.10	42.46	-44.27	Gyro	<input checked="" type="checkbox"/>	
115.10	42.28	-44.21	Gyro	<input checked="" type="checkbox"/>	
120.10	42.27	-44.23	Gyro	<input checked="" type="checkbox"/>	
125.10	42.33	-44.18	Gyro	<input checked="" type="checkbox"/>	
130.10	42.45	-44.15	Gyro	<input checked="" type="checkbox"/>	
135.10	42.51	-44.19	Gyro	<input checked="" type="checkbox"/>	
140.10	42.66	-44.16	Gyro	<input checked="" type="checkbox"/>	
150.00	43.74	-44.30	Reflex	<input type="checkbox"/>	Az recorded as 98.54 by driller; Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	47.50	Feature 1	PED28910	14.60	14.95	0.35	0.02	0.016	-	-	16.00
		Type	PED28911	20.00	21.00	1.00	0.01	0.013	-	-	13.00
		E0B Komatiitic_basalt	PED28912	21.00	22.00	1.00	0.02	0.016	-	-	16.00
		QLF: ALT DEF FRA	PED28913	22.00	22.50	0.50	0.00	<0.005	-	-	5.00
		Komatiitic Basalt: Fine to med-grained, dark green, massive textured (with local cumulate textures), strong pervasive chl alteration, weak patchy talc which increases downhole (locally infilling fracture planes), weak serpentinite alteration concentrated within veining, 2-3% fragmented/disrupted qtz-carb-serp strs at various angles, minor glassy white sil'd qtz veining (10 to 20 cm wide varying from 10 to 35 tca), weak fracturing (<1/m) at 10 to 45 tca and 50 to 60 tca with chl-talc infilling. No visible mineralization. Selectively sampled.	PED28914	23.60	24.40	0.80	0.03	0.034	-	-	34.00
			PED28915	47.00	48.00	1.00	0.05	0.046	-	-	46.00
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 PCH									
		TLC 2 PCH									
		CHL 3 PRV									
		Structure:									
		12.26 - 12.45	Alpha: 12		Beta: 200						
		Type/GEN/Intensity			CA1: CA2:						
		V3			10 12						
		14.68 - 14.95	Alpha: 40		Beta: 45						
		Type/GEN/Intensity			CA1: CA2:						
		V3			35 45						
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT DEF FRA									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA														
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)														
47.50	50.74	Feature 1	PED28916	48.00	49.00	1.00	0.22	0.217	-	-	217.00													
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">90</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">C</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	90	0	GYM	C	PED28917	49.00	50.00	1.00	0.31	0.313	-	-	313.00	
Type	Dyke	%	Thickness	Colour	Vein																			
E0B Komatiitic_basalt	☐	90	0	GYM	C																			
		<p>QLF: ALT DEFS VND</p> <p>Komatiitic Basalt: As above with strong overprinting silica alteration, with 5-10% silicified greyish white qtz-carb-act vnlt/s/veins (up to 20 cm wide) that range from highly contorted / fragmented vnlt/s to planar veining @ 35 to 50 tca. No visible mineralization. Selectively sampled. Lower contact with High-Ti Basalt somewhat gradational @ 50 tca.</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>AC 2 VND</td> </tr> <tr> <td>CHL 2 PRV</td> </tr> <tr> <td>SIL 3 PRV</td> </tr> </table> <p>Structure:</p> <table border="0"> <tr> <td>49.98 - 50.40</td> <td>Alpha: 50</td> <td>Beta: 170</td> </tr> <tr> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1: CA2:</td> </tr> <tr> <td></td> <td style="text-align: center;">V2</td> <td style="text-align: center;">50 40</td> </tr> </table>	Type/Intensity/Texture	AC 2 VND	CHL 2 PRV	SIL 3 PRV	49.98 - 50.40	Alpha: 50	Beta: 170		Type/GEN/Intensity	CA1: CA2:		V2	50 40	PED28918	50.00	50.75	0.75	0.16	0.156	-	-	156.00
Type/Intensity/Texture																								
AC 2 VND																								
CHL 2 PRV																								
SIL 3 PRV																								
49.98 - 50.40	Alpha: 50	Beta: 170																						
	Type/GEN/Intensity	CA1: CA2:																						
	V2	50 40																						
		Feature 2:																						
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">10</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> </tr> </table> <p>QLF: ALT DEFS VND</p>	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	☐	10	0	WHT	C										
Type	Dyke	%	Thickness	Colour	Vein																			
V2A Quartz_carb_actinolite_vein	☐	10	0	WHT	C																			
50.74	54.00	Feature 1	PED28919	50.75	52.00	1.25	0.50	0.498	-	-	498.00													
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table> <p>QLF: ALT BRX MIN</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	95	0	GNM		PED28920	52.00	53.00	1.00	2.00	2.000	-	-	1996.00	
Type	Dyke	%	Thickness	Colour	Vein																			
E1H High_titanium_basalt	☐	95	0	GNM																				
			PED28921	53.00	54.00	1.00	0.26	0.262	-	-	262.00													



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		High Ti Basalt: Fine-grained, dark greenish-brown colour, massive texture to strong breccia texture throughout (insitu hydrofracture brecciation displayed by strong bio altered angular fragments within a green chl-silica matrix with no preferred orientation observed to the fragmentation), 1-2% fine-gr disseminated po-py, strong patchy bio-chl alteration, strong pervasive silica alteration, 4-5% dark grey sil'd qtz-carb-act str/vnlts (up to 10 cm wide) planar @ 25-30 tca and 50 tca.										
		Alteration :										
		Type/Intensity/Texture										
		CHL 2 PCH										
		SIL 3 PRV										
		BIO 3 PCH										
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	GYM	F					
		QLF: ALT BRX MIN										
54.00	61.54	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H High_titanium_basalt	<input type="checkbox"/>	70	0	BNM	F					
		QLF: ALT VND MIN										
		High Ti Basalt (Veined & Mineralized):The basalt is fine to med-grained, brown coloured, massive textured with local brecciation textures (no distinct foliation fabric present). The basalt is veined with two styles of veining consisting of "breccia fault filling veins" which characteristically contain numerous angular fragments of Basalt wallrock within the silicified vein matrix, range in width from 5 cm to 60 cm wide at various orientations from 25 to 60 tca. The second style of veining consist of narrow (0.5 to 3 cm wide) planar to highly fragmented / disrupted extension veins which have various orientations from 45 to 70 tca. The extension veins rarely contain wallrock fragments. There is several sets of extension veins present orientated in opposite directions within the core. Mutual crosscutting relationships are observed of breccia fault veining crosscutting deformed extension veining and of extension veining crosscutting breccia fault filled veins and other sets of extension veining. No distinct age relationships can be established due to the mutual										
								0.89	0.889	-	-	889.00
								0.35	0.352	-	-	352.00
								6.24	6.240	-	-	3240.00
								3.39	3.390	-	-	3389.00
								0.28	0.284	-	-	284.00
								3.75	3.750	-	-	3750.00
								3.84	3.840	-	-	3841.00
								3.81	3.810	-	-	3814.00
								3.10	3.100	-	-	3101.00
								4.19	4.190	-	-	4189.00
								4.01	4.010	-	-	4013.00



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- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		crosscutting relationships observed by both styles of veining. Overall the average percentage of veining (including both breccia fault filling veins and extension veins) is approximately 25 to 30%. All of the veining consist of whitish-grey silicified qtz-carb veins with moderate actinolite alteration which is confined primarily to the veining and wallrock margins. Mineralization consist of fine-gr disseminated po-py (4-5%) primarily within the altered Basalt (both wallrock and breccia fragments within the veining) with minor (<1%) actually disseminated within the veining. Locally the po-py is concentrated up to 5-10% proximal to vein contact margins within the Basalt. There is a major breccia fault filled vein (1.5 m wide) present along the lower contact with the Komatiitic Basalt unit. This breccia fault filled vein contains fragments of both Komatiitic Basalt and High Ti Basalt. Local faulting is present as a 1-2 cm healed gouge adjacent to a breccia fault filled vein @ 15 tca. See the excel spreadsheet for detailed veining orientation (305-17-04_Oriented Point Data).	PED28936	59.50	60.00	0.50	2.58	2.580	-	-	2582.00
			PED28937	60.00	60.50	0.50	1.53	1.530	-	-	1526.00
			PED28938	60.50	61.00	0.50	0.88	0.875	-	-	875.00
			PED28939	61.00	61.55	0.55	1.09	1.090	-	-	1091.00

Alteration :

Type/Intensity/Texture
AC 2 VND
SIL 3 PRV
BIO 3 PRV

Structure:

54.04 - 54.17	Alpha: 28 Type/GEN/Intensity V2	Beta: 298 CA1: CA2: 28 35
54.24 - 54.34	Alpha: 20 Type/GEN/Intensity V2	Beta: 120 CA1: CA2: 20 25
55.42 - 55.66	Alpha: 40 Type/GEN/Intensity V2	Beta: 100 CA1: CA2: 30 45
55.65 - 55.96	Alpha: 50 Type/GEN/Intensity V2	Beta: 60 CA1: CA2: 40 60
56.50 - 57.13	Alpha: 40 Type/GEN/Intensity V2	Beta: 310 CA1: CA2: 25 60



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- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	57.80 - 58.10	Alpha: 15 Type/GEN/Intensity FLT								
		Beta: 80 CA1: CA2: 10 20								
	58.73 - 58.80	Alpha: 40 Type/GEN/Intensity V2								
		Beta: 110 CA1: CA2: 35 45								
	59.10 - 59.35	Alpha: 25 Type/GEN/Intensity V2								
		Beta: 80 CA1: CA2: 10 35								
	59.68 - 59.77	Alpha: 55 Type/GEN/Intensity V2								
		Beta: 205 CA1: CA2: 55 65								
	59.93 - 61.54	Alpha: 35 Type/GEN/Intensity V2								
		Beta: 305 CA1: CA2: 25 65								
	Mineralization Maj. :	Type/GSZ%/HABIT								
	54.00 - 61.00	PY GS1 2 DIS								
			Comment							
			Mineralization consist of fine-gr dissemin po-py (4-5%) primarily within the altered Basalt both wallrock and breccia fragments within the veining) with minor (<1%) actually disseminated within the veining. Locally the po-py is concentrated up to 5-10% proximal to vein contact margins within the Basalt.							
	54.00 - 61.00	PO GS1 3 DIS								
			Mineralization consist of fine-gr dissemin po-py (4-5%) primarily within the altered Basalt both wallrock and breccia fragments within the veining) with minor (<1%) actually disseminated within the veining. Locally the po-py is concentrated up to 5-10% proximal to vein contact margins within the Basalt.							
	Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein			



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
		V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 30 0 WHT F QLF: ALT VND MIN Alteration : <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AC</td> <td>2 VND</td> </tr> <tr> <td>SIL</td> <td>3 PRV</td> </tr> </table>	Type/Intensity/Texture		AC	2 VND	SIL	3 PRV															
Type/Intensity/Texture																							
AC	2 VND																						
SIL	3 PRV																						
61.54	66.87	Feature 1	PED28940	61.55	62.50	0.95	0.09	0.089	-	-	89.00												
		<table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td>GND</td> <td></td> </tr> </table> QLF: ALT BRX DEFS Komatiitic Basalt: Fine to med-grained, dark green, massive textured (with local brecciation textures at the top of the unit), strong pervasive chl alteration, moderate patchy talc and moderate wispy bio alteration which increases downhole, weak serpentinite alteration concentrated within veining, 2-3% fragmented/disrupted qtz-carb-serp strs at 40-50 tca, weak fracturing (<1/m) at 30 tca and 50 to 60 tca with chl-talc infilling. No visible mineralization. Lower contact with Basalt sharp @ 55 tca. Completely sampled.	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND		PED28941	62.50	63.50	1.00	0.06	0.064	-	-	64.00
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																			
			PED28942	63.50	64.50	1.00	0.01	0.006	-	-	6.00												
			PED28943	64.50	65.50	1.00	0.03	0.026	-	-	26.00												
			PED28944	65.50	66.87	1.37	0.08	0.083	-	-	83.00												
		Alteration : <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>SRP</td> <td>2 VND</td> </tr> <tr> <td>TLC</td> <td>2 PRV</td> </tr> <tr> <td>CHL</td> <td>3 SPT</td> </tr> </table>	Type/Intensity/Texture		SRP	2 VND	TLC	2 PRV	CHL	3 SPT													
Type/Intensity/Texture																							
SRP	2 VND																						
TLC	2 PRV																						
CHL	3 SPT																						



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
66.87	80.42	Feature 1	PED28945	66.87	67.18	0.31	0.31	0.312	-	-	312.00
		Type	PED28946	67.18	68.00	0.82	0.09	0.087	-	-	87.00
		E1H High_titanium_basalt	PED28947	68.00	68.30	0.30	0.12	0.120	-	-	120.00
		QLF: ALT VND MAS	PED28948	68.30	69.00	0.70	0.07	0.070	-	-	70.00
		High Ti Basalt: Fine-grained, dark greenish-brown colour, massive texture, trace to 1% fine-gr disseminated po-py, moderate patchy silica-bio-chl alteration, 2-3% whitish-grey sil'd qtz-carb-act str/vnlts (1 to 10 cm wide) planar @ 25 to 55 tca (locally containing breccia wallrock fragments). See orientated point data spreadsheet for detailed vein measurements.	PED28949	69.00	70.00	1.00	0.14	0.139	-	-	139.00
			PED28950	70.00	70.40	0.40	0.58	0.581	-	-	581.00
			PED28951	70.40	71.00	0.60	0.43	0.429	-	-	429.00
			PED28952	71.00	72.00	1.00	0.06	0.064	-	-	64.00
		Alteration :	PED28953	72.00	73.00	1.00	0.16	0.160	-	-	160.00
		Type/Intensity/Texture	PED28954	73.00	74.00	1.00	0.05	0.054	-	-	54.00
		CHL 2 PCH	PED28955	74.00	75.00	1.00	0.48	0.482	-	-	482.00
		SIL 2 PRV	PED28956	75.00	76.00	1.00	0.67	0.666	-	-	666.00
		BIO 2 PRV	PED28957	76.00	77.00	1.00	0.14	0.137	-	-	137.00
		Structure:	PED28958	77.00	78.00	1.00	0.49	0.494	-	-	494.00
		67.12 - 67.17 Alpha: 25 Beta: 310	PED28959	78.00	78.50	0.50	0.29	0.288	-	-	288.00
		Type/GEN/Intensity CA1: CA2:	PED28960	78.50	79.00	0.50	5.57	5.570	-	-	5573.00
		V2 15 25	PED28962	79.00	79.50	0.50	3.52	3.520	-	-	3517.00
		68.07 - 68.13 Alpha: 30 Beta: 305	PED28963	79.50	80.00	0.50	5.13	5.130	-	-	5133.00
		Type/GEN/Intensity CA1: CA2:	PED28964	80.00	80.42	0.42	0.76	0.762	-	-	762.00
		V2 30 55									
		70.10 - 70.22 Alpha: 30 Beta: 285									
		Type/GEN/Intensity CA1: CA2:									
		V2 30 50									
		72.77 - 72.87 Alpha: 35 Beta: 5									
		Type/GEN/Intensity CA1: CA2:									
		V2 35 45									
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
		66.87 - 78.50 PY GS1 0.5 DIS									
		66.87 - 78.50 PO GS1 0.5 DIS									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	78.50 - 80.00	PY GS1 2 DIS									
	78.50 - 80.00	PO GS1 3 DIS									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	3	0	WHT	F				
		QLF: ALT VND MAS									
		Alteration : Type/Intensity/Texture									
		AC 1 VND									
80.42	82.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	<input type="checkbox"/>	60	0	BNM	F				
		QLF: ALT VND MIN									
		High Ti Basalt: As above with increased veining. Basalt is fine-grained, dark greenish-brown colour, massive texture, 1-2% fine-gr disseminated po-py, strong pervasive silica-bio-chl alteration, 35-40% whitish-grey sil'd qtz-carb-act vnlts/veins (5 to 30 cm wide) planar @ 5 to 55 tca (locally containing breccia wallrock fragments). See orientated point data spreadsheet for detailed vein measurements.									
		Alteration : Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
	80.00 - 82.00	PY GS1 1 DIS									
	80.00 - 82.00	PO GS1 1 DIS									
		Feature 2:									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>Type</p> <p>V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 40 0 WHT F</p> <p>QLF: ALT VND MIN</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">AC 2 VND</p> <p style="padding-left: 40px;">SIL 3 PRV</p>									
82.00	89.49	Feature 1	PED28969	82.00	82.60	0.60	1.71	1.710	-	-	1707.00
		<p>Type</p> <p>E1H High_titanium_basalt <input type="checkbox"/> 95 0 BNM S</p> <p>QLF: ALT VND MIN</p> <p>High Ti Basalt: As above with decreased veining. Basalt is fine-grained, dark greenish-brown colour, massive texture (local pillow selvages observed), 1-2% fine-gr disseminated po-py, strong pervasive silica-bio-chl alteration, 4-5% whitish-grey sil'd qtz-carb-act str/vnlts (0.5 to 5 cm wide) planar to fragmented @ 10 to 55 tca. See orientated point data spreadsheet for detailed vein measurements. Sharp lower contact with Lamp Dyke @ 60 tca.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">CHL 2 PCH</p> <p style="padding-left: 40px;">SIL 3 PRV</p> <p style="padding-left: 40px;">BIO 3 PRV</p>	PED28970	82.60	83.10	0.50	2.72	2.720	-	-	2720.00
			PED28972	83.10	84.00	0.90	0.49	0.493	-	-	493.00
			PED28973	84.00	85.00	1.00	1.00	0.998	-	-	998.00
			PED28974	85.00	85.55	0.55	1.62	1.620	-	-	1618.00
			PED28975	85.55	86.30	0.75	0.40	0.400	-	-	400.00
			PED28976	86.30	86.70	0.40	4.01	4.010	-	-	4008.00
			PED28977	86.70	87.20	0.50	1.88	1.880	-	-	1875.00
			PED28978	87.20	88.20	1.00	0.97	0.973	-	-	973.00
			PED28979	88.20	89.00	0.80	0.89	0.892	-	-	892.00
			PED28980	89.00	89.50	0.50	0.25	0.247	-	-	247.00
		<p>Structure:</p> <p>89.48 - 89.49 Alpha: 60 Beta: 5</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">CD</p>									
		<p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>82.00 - 84.00 PY GS1 2 DIS</p> <p>82.00 - 84.00 PO GS1 3 DIS</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	84.00 - 89.50	PY GS1 1 DIS									
	84.00 - 89.50	PO GS1 1 DIS									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
	V2A	Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	WHT	S				
	QLF: ALT VND MIN										
	Alteration : Type/Intensity/Texture										
		AC 2 VND									
		SIL 3 PRV									
89.49	90.35	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	I0E	Lamprophyre	<input checked="" type="checkbox"/>	0	0						
	QLF: MAS ALT GS2										
	Lamp Dyke: Med-grained, massive textured, weak to moderate bio alteration, no veining or mineralization, sharp contacts @ 60-70 tca.										
	Alteration : Type/Intensity/Texture										
		BIO 2 SPT									
	Structure:										
	90.34 - 90.35	Alpha: 70	Beta: 65								
		Type/GEN/Intensity	CA1: CA2:								
		CD									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
90.35	93.52	Feature 1	PED28981	90.30	91.00	0.70	0.54	0.535	-	-	535.00
		Type	PED28982	91.00	91.60	0.60	3.07	3.070	-	-	3072.00
		E1H High_titanium_basalt	PED28983	91.60	92.30	0.70	5.17	5.170	-	-	5166.00
		QLF: ALT VND MIN	PED28984	92.30	92.80	0.50	2.77	2.770	-	-	2772.00
		High Ti Basalt: As above with increased veining. Basalt is fine-grained, dark greenish-brown colour, massive texture, trace to 4-5% fine-gr disseminated po-py, strong pervasive silica-bio-chl alteration, 25-30% whitish-grey sil'd qtz-carb-act vnlts/veins (5 to 30 cm wide) planar to highly fragmented/folded/disrupted @ 50 to 80 tca (locally containing breccia wallrock fragments). Local pinkish coloured potassic feldspar mixed in with Bx Fault Veins. See orientated point data spreadsheet for detailed vein measurements. Lower contact with Komatiitic Basalt sharp @ 70 tca.	PED28985	92.80	93.52	0.72	3.41	3.410	-	-	3409.00
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
	91.10 - 92.80	Alpha: 45			Beta: 50						
		Type/GEN/Intensity			CA1: CA2:						
		V2			45 60						
		Mineralization Maj. :									
		Type/GSZ%/HABIT			Comment						
	91.00 - 93.52	PY GS1 2 DIS									
	91.00 - 93.52	PO GS1 3 DIS									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
93.52	99.00	Feature 1								
		Type								
		E0B Komatiitic_basalt								
		QLF: BRX SHD ALT								
		Komatiitic Basalt: Strong breccia /shear / foliation fabric @ 35 to 65 tca., (See orientated point data spreadsheet for detailed structural measurements). Strong bio-silica-chl alteration which decreases downhole, 4-5% fragmented/folded qtz-carb-act strrs roughly parallel to fabric, no mineralization noted								
		Alteration :								
		Type/Intensity/Texture								
		CHL 3 PRV								
		SIL 2 PRV								
		BIO 3 PRV								
		Structure:								
		93.52 - 96.50								
		Alpha: 35								
		Beta: 300								
		Type/GEN/Intensity								
		FLT2 3								
		CA1: 35								
		CA2: 60								
99.00	125.22	Feature 1								
		Type								
		E0T Talc_rich_unit								
		QLF: ALT MAS FRA								
		Komatiitic Basalt: Fine-med -grained, massive textured to weakly foliated @ 55-60 tca, weakly fractured (<1/m) @ 20-30 tca and (1-3/m) @ 55-60 tca, no significant veining or mineralization. Lower contact with sheared/foliated Basalt sharp @ 60 tca.								
		Alteration :								
		Type/Intensity/Texture								
		SI 1 BCH								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		TLC 2 PCH CHL 3 PRV									
		Structure: 125.21 - 125.22 Alpha: 60 Beta: 275 Type/GEN/Intensity CA1: CA2: CS									
125.22	125.65	Feature 1	PED28990	125.20	125.65	0.45	0.01	0.007	-	-	7.00
		Type Dyke % Thickness Colour Vein E1A Basalt <input type="checkbox"/> 0 0 BNM QLF: ALT GS1 FOL Basalt: Fine-grained, brownish-green colour, foliated / sheared fabric @ 40-50 tca, no significant veining or mineralization, sharp contacts @ 60-55 tca.									
		Alteration : Type/Intensity/Texture CHL 2 PRV SIL 1 PRV BIO 2 PCH									
		Structure: 125.64 - 125.65 Alpha: 55 Beta: 280 Type/GEN/Intensity CA1: CA2: CS									
125.65	150.00	Feature 1									
		Type Dyke % Thickness Colour Vein									



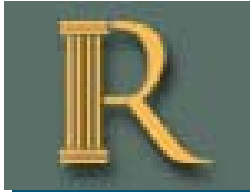
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-04

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0 GYM <i>QLF:</i> ALT MAS FRA Komatiitic Basalt: Fine-med -grained, massive textured, weakly fractured (<1/m) @ 20-30 tca and (1-3/m) with slickenslides on fracture surfaces @ 55-60 tca, no significant veining or mineralization. EOH @ 150 m.								
		<i>Alteration :</i>								
		<i>Type/Intensity/Texture</i>								
		SIL 1 PCH								
		TLC 2 PCH								
		CHL 2 PRV								



DRILL HOLE REPORT

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 40.81	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: -16.53	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 147	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 25-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 26-Mar-17				Surveyed: yes
Logged: 04-May-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10423.629	East: 448455.18
			North: 49982.703	North: 5663651.07
			Elev.: 5067.111	Elev.: 67.11
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	40.81	-16.53	C	<input checked="" type="checkbox"/>	
0.10	40.80	-16.53	Gyro	<input checked="" type="checkbox"/>	
5.10	40.84	-16.64	Gyro	<input checked="" type="checkbox"/>	
10.10	40.93	-16.79	Gyro	<input checked="" type="checkbox"/>	
15.00	36.45	-16.50	Reflex	<input type="checkbox"/>	Replaced by gyro
15.10	41.03	-16.99	Gyro	<input checked="" type="checkbox"/>	
20.10	41.03	-17.18	Gyro	<input checked="" type="checkbox"/>	
25.10	40.98	-17.41	Gyro	<input checked="" type="checkbox"/>	
30.10	40.94	-17.56	Gyro	<input checked="" type="checkbox"/>	
35.10	40.92	-17.72	Gyro	<input checked="" type="checkbox"/>	
40.10	40.94	-17.84	Gyro	<input checked="" type="checkbox"/>	
45.10	40.96	-17.89	Gyro	<input checked="" type="checkbox"/>	
50.10	40.99	-17.91	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
51.00	41.63	-17.82	Reflex	<input type="checkbox"/>	Replaced by gyro
55.10	41.01	-18.03	Gyro	<input checked="" type="checkbox"/>	
60.10	41.04	-18.07	Gyro	<input checked="" type="checkbox"/>	
65.10	41.11	-18.13	Gyro	<input checked="" type="checkbox"/>	
70.10	41.17	-18.25	Gyro	<input checked="" type="checkbox"/>	
75.10	41.21	-18.37	Gyro	<input checked="" type="checkbox"/>	
80.10	41.22	-18.45	Gyro	<input checked="" type="checkbox"/>	
85.10	41.17	-18.60	Gyro	<input checked="" type="checkbox"/>	
90.10	41.12	-18.67	Gyro	<input checked="" type="checkbox"/>	
95.10	41.09	-18.82	Gyro	<input checked="" type="checkbox"/>	
100.00	42.27	-18.85	Reflex	<input type="checkbox"/>	Replaced by gyro
100.10	41.06	-18.91	Gyro	<input checked="" type="checkbox"/>	
105.10	41.05	-18.99	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-05

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
110.10	41.11	-19.07	Gyro	<input checked="" type="checkbox"/>	
115.10	41.15	-19.18	Gyro	<input checked="" type="checkbox"/>	
120.10	41.27	-19.28	Gyro	<input checked="" type="checkbox"/>	
125.10	41.33	-19.41	Gyro	<input checked="" type="checkbox"/>	
130.10	41.33	-19.53	Gyro	<input checked="" type="checkbox"/>	
135.10	41.32	-19.62	Gyro	<input checked="" type="checkbox"/>	
140.10	41.36	-19.72	Gyro	<input checked="" type="checkbox"/>	
147.00	42.42	-20.16	Reflex	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
0.00	32.98	Feature 1	PED28991	4.75	5.30	0.55	0.07	0.068	-	-	68.00
		Type	PED28992	13.50	14.50	1.00	0.02	0.016	-	-	16.00
		E0B Komatiitic_basalt	PED28993	14.50	15.00	0.50	0.02	0.023	-	-	23.00
		QLF: ALT DEF VND	PED28994	15.00	15.90	0.90	0.01	0.011	-	-	11.00
		Komatiitic Basalt: Fine-med-grained, massive textured to locally highly disrupted rubbly breccia texture (flow top breccia?) with possible spinifex textures from 6 to 8 m, moderate chl alteration with patchy silica and increasing talc alteration downhole, 4-5% irregular qtz-carb str's that are fragmented/ folded and local sil'd qtz-act vnlt's @ 40-45 tca (see Oriented Point Data Spreadsheet for detailed structural and veining data), no visible mineralization, selectively sampled in section with silicified qtz-act veining. Local shearing from 32.5 to 32.98m @ 20-25 tca, Lower contact with High-Ti Basalt sharp @ 20 tca.	PED28995	15.90	16.30	0.40	0.02	0.015	-	-	15.00
			PED28996	16.30	17.30	1.00	0.02	0.017	-	-	17.00
			PED28997	17.30	17.80	0.50	0.22	0.224	-	-	224.00
			PED28998	17.80	18.50	0.70	0.13	0.129	-	-	129.00
			PED28999	23.90	25.00	1.10	0.02	0.023	-	-	23.00
		Alteration :	PED29000	31.50	32.50	1.00	0.00	<0.005	-	-	5.00
		Type/Intensity/Texture	PED41042	32.50	32.90	0.40	0.57	0.570	-	-	570.00
		TLC 2 PCH									
		SIL 2 PCH									
		CHL 2 PRV									
		Structure:									
	17.37 - 17.74	Alpha: 40									
		Type/GEN/Intensity									
		V2									
		Beta: 40									
		CA1: CA2:									
		40 42									
	32.50 - 32.98	Alpha: 20									
		Type/GEN/Intensity									
		SHD 3									
		Beta: 50									
		CA1: CA2:									
		20 30									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: ALT DEF VND									
		Alteration :									
		Type/Intensity/Texture									
		AC 1 VND									
		SIL 2 PCH									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
32.98	42.80	Feature 1	PED41043	32.90	34.00	1.10	0.28	0.278	-	-	278.00
		Type	PED41044	34.00	35.00	1.00	1.74	1.740	-	-	1736.00
		Dyke % Thickness Colour Vein	PED41045	35.00	36.00	1.00	1.96	1.960	-	-	1962.00
		E1H High_titanium_basalt <input type="checkbox"/> 95 0 BNM S	PED41046	36.00	37.00	1.00	4.48	4.480	-	-	4477.00
		QLF: ALT VND MIN	PED41047	37.00	38.00	1.00	1.64	1.640	-	-	1636.00
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly foliated @ 45 to 65 tca, local pillow selveges infilled with chl-carb, strong pervasive silica-bio alteration, weakly fractured (1-3/m) @ 45-65 tca & 10-25 tca (<1/m), 4-5% planar qtz-act threads/strs (<2 cm) @ 45 to 60 tca and as extension strs @ 5-15 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure), local faulting (<0.5 cm wide @ 5 tca with 2 cm offset), trace to 1% fine-gr dissemin po-py, lower contact with mineralized Fault Breccia Vein sharp @ 35 tca.	PED41048	38.00	39.00	1.00	1.12	1.120	-	-	1123.00
		Alteration :	PED41049	39.00	39.80	0.80	5.25	5.250	-	-	5249.00
		Type/Intensity/Texture	PED41050	39.80	40.50	0.70	0.95	0.952	-	-	952.00
		CHL 2 PCH	PED41051	40.50	41.00	0.50	3.94	3.940	-	-	3938.00
		SIL 3 PRV	PED41052	41.00	41.70	0.70	1.09	1.090	-	-	1088.00
		BIO 3 PRV	PED41053	41.70	42.30	0.60	1.20	1.200	-	-	1198.00
		Structure:	PED41054	42.30	42.70	0.40	4.36	4.360	-	-	4358.00
		40.75 - 41.10 Alpha: 15 Beta: 355									
		Type/GEN/Intensity CA1: CA2:									
		FLT 5 15									
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
		32.98 - 42.80 PY GS1 0.5 DIS									
		32.98 - 42.80 PO GS1 0.5 DIS									
		Feature 2:									
		Type									
		Dyke % Thickness Colour Vein									
		V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 5 0 WHT S									
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		SIL 3 PRV									
42.80	45.90	Feature 1									
		Type									
		Dyke % Thickness Colour Vein									
		V2_BX Quartz_Vein_with_Fragments □ 90 0 WHT F	PED41055	42.70	43.50	0.80	9.24	9.240	11.32	-	3238.00
		QLF: VND MIN ALT	PED41057	43.50	44.00	0.50	24.90	19.700	24.90	-	0000.00
		Mineralized Fault Breccia Veining: Several veins containing numerous angular fragments of Basalt. Veining varies from 10 to 40 cm wide @ 35 to 70 tca (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), well mineralized with 5-10% dissem po-py and as threads/strs primarily within the Basalt fragments and wallrock, local fine-gr Visible Gold (1-2 specks in various veins- see VG table)	PED41058	44.00	44.40	0.40	3.36	3.360	-	-	3360.00
		Visible Gold : SampleD/Grainsize/Style	PED41059	44.40	44.70	0.30	0.96	0.964	-	-	964.00
		PED41055 1-2mm Speck	PED41060	44.70	45.20	0.50	1.57	1.570	-	-	1570.00
		Alteration : Type/Intensity/Texture	PED41061	45.20	45.50	0.30	0.89	0.889	-	-	889.00
		BIO 3 PCH	PED41063	45.50	45.90	0.40	0.19	0.193	-	-	193.00
		AC 3 VND									
		SIL 3 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
		42.80 - 45.90 PY GS1 5 DIS									
		42.80 - 45.90 PO GS1 5 DIS									
		Comment									
		Mineralized Fault Breccia Veining: well mineralized with 5-10% dissem po-py and as threads/strs primarily within the Basalt, local fine-gr Visible Gold (1-2 specks in various veins- see VG table)									
		Mineralized Fault Breccia Veining: well mineralized with 5-10% dissem po-py and as threads/strs primarily within the Basalt, local fine-gr Visible Gold (1-2 specks in various veins- see VG table)									
		Feature 2:									



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Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
		Type E1H High_titanium_basalt QLF: VND MIN ALT									
		Dyke <input type="checkbox"/> % 10 Thickness 0 Colour BNM Vein									
45.90	49.95	Feature 1	PED41064	45.90	46.30	0.40	1.19	1.190	-	-	1187.00
		Type E0B Komatiitic_basalt QLF: ALT VND BRX Komatiitic Basalt: Fine-grained, massive textured to increasingly highly disrupted/ breccia fabric @ 45-60 tca, moderate chl alteration with patchy silica-bio alteration, 10% irregular sil'd qtz-act vnlts/veins (up to 5 cm wide) @ 40-45 tca (see Oriented Point Data Spreadsheet for detailed structural and veining data), both fault breccia veins and extensional veining present throughout the unit, (visible gold (1 speck) noted at 46.52m in one of the fault breccia vein @ 25 tca, gradational contact into breccia zone of mixed High-Ti Basalt and Komatiitic Basalt	PED41065	46.30	46.70	0.40	4.34	4.340	-	-	4338.00
		Dyke <input type="checkbox"/> % 90 Thickness 0 Colour GNM Vein F	PED41067	46.70	47.50	0.80	0.57	0.574	-	-	574.00
		Visible Gold : SampleID/Grainsize/Style PED41065 1-2mm Speck	PED41068	47.50	48.50	1.00	0.16	0.164	-	-	164.00
		Alteration : Type/Intensity/Texture CHL 2 PCH SIL 3 PCH BIO 3 LOC	PED41069	48.50	49.50	1.00	0.56	0.564	-	-	564.00
		Feature 2:	PED41070	49.50	50.00	0.50	1.58	1.580	-	-	1585.00
		Type V2A Quartz_carb_actinolite_vein QLF: ALT VND BRX Alteration : Type/Intensity/Texture CHL 2 PCH									
		Dyke <input type="checkbox"/> % 10 Thickness 0 Colour WHT Vein F									



LITHOLOGY REPORT
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Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		AC 2 VND									
		SIL 3 PRV									
49.95	53.06	Feature 1	PED41072	50.00	51.00	1.00	1.81	1.810	-	-	1812.00
		<i>Type</i>	PED41073	51.00	51.50	0.50	3.53	3.530	-	-	3527.00
		E1H High_titanium_basalt	PED41074	51.50	52.00	0.50	2.24	2.240	-	-	2242.00
		QLF: BRX ALT VND	PED41075	52.00	52.60	0.60	1.64	1.640	-	-	1636.00
		Breccia Zone: Mixture of fragmented High-Ti Basalt and Komatiitic Basalt with a highly contorted/folded fabric, strong bio-silica alteration, 4-5% planar qtz-act str/vnlts containing breccia fragments of wallrock @ 40-50 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), 1% dissem po-py which locally increases to 2-3% proximal to increased veining, lower contact with high-Ti Basalt @ 45 tca.	PED41076	52.60	53.10	0.50	1.66	1.660	-	-	1662.00
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		49.95 - 53.06 Alpha: 45 Beta: 0									
		<i>Type/GEN/Intensity</i>									
		FLT2 3 CA1: 40 CA2: 50									
		Mineralization Maj. :									
		<i>Type/GSZ%/HABIT</i>									
		49.95 - 53.06 PY GS1 0.5 DIS									
		49.95 - 53.06 PO GS1 1 DIS									
		Comment									
		Breccia Zone: Mixture of fragmented High-Ti Basalt and Komatiitic Basalt with 1% dissem po-py which locally increases to 2-3% proximal to increased veining									
		Breccia Zone: Mixture of fragmented High-Ti Basalt and Komatiitic Basalt with 1% dissem po-py which locally increases to 2-3% proximal to increased veining									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	<input type="checkbox"/>	20	0	GNM	F					
		QLF: BRX ALT VND										
		Alteration :										
		Type/Intensity/Texture										
		CHL 2 PCH										
		SIL 3 PRV										
		BIO 2 PRV										
53.06	71.75	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H High_titanium_basalt	<input type="checkbox"/>	90	0	BNM	F					
		QLF: ALT VND MIN										
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly foliated @ 45 to 65 tca, strong pervassive silica-bio alteration, weakly fractured (1-3/m) @ 45-65 tca & 10-25 tca (<1/m), 10% planar fault bx veins as qtz-act str/vnlts/veins (<0.5 to 11 cm) @ 45 to 60 tca and as extensional qtz-act str @ 5-15 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure), trace to 1% fine-gr dissemin po-py which increases downhole to 4-5% po-py (from 70 to 71.75m), local aspy (1-2%) as fine-gr needles from 65.7 to 66 m , lower contact with Komatiitic Basalt sharp @ 75 tca.										
		Alteration :										
		Type/Intensity/Texture										
		CHL 2 PCH										
		SIL 3 PRV										
		BIO 3 PRV										
		Mineralization Maj. :										
		Type/GSZ%/HABIT										
		53.06 - 65.70 PY GS1 0.5 DIS										
		Comment										
		High-Ti Basalt: (Veined and mineralized) :1% fine-gr dissemin po-py which increases downhole to 4-5% po-py										
								0.11	0.105	-	-	105.00
								0.02	0.015	-	-	15.00
								0.05	0.045	-	-	45.00
								0.51	0.505	-	-	505.00
								9.29	9.290	10.16	-	3289.00
								9.06	9.060	10.28	-	3062.00
								0.68	0.677	-	-	677.00
								0.74	0.739	-	-	739.00
								1.67	1.670	-	-	1668.00
								0.48	0.481	-	-	481.00
								1.76	1.760	-	-	1763.00
								0.03	0.033	-	-	33.00
								0.12	0.115	-	-	115.00
								0.30	0.298	-	-	298.00
								0.90	0.900	-	-	900.00
								11.56	11.900	11.56	-	0000.00
								2.27	2.270	-	-	2274.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)			
	53.06 - 65.70	PO	GS1	1	DIS	High-Ti Basalt: (Veined and mineralized) :1% fine-gr dissemin po-py which increases downhole to 4-5% po-py	PED41095	66.00	67.00	1.00	1.94	1.940	-	-	1935.00			
							PED41096	67.00	68.00	1.00	0.20	0.202	-	-	202.00			
	65.70 - 66.00	AS	GS1	2	ACI	High-Ti Basalt: (Veined and mineralized) with local aspy (1-2%) as fine-gr needles from 65.7 to 66 m	PED41097	68.00	69.00	1.00	0.12	0.118	-	-	118.00			
							PED41098	69.00	70.00	1.00	1.72	1.720	-	-	1720.00			
	66.00 - 71.75	PY	GS1	0	DIS	High-Ti Basalt: (Veined and mineralized) :4-5% dissemin fine-gr po-py	PED41099	70.00	70.40	0.40	4.58	4.580	-	-	4580.00			
							PED41100	70.40	71.00	0.60	2.10	2.100	-	-	2097.00			
							PED41101	71.00	71.75	0.75	6.34	6.340	-	-	3338.00			
71.75	76.16	Feature 1						PED41102	71.75	72.35	0.60	1.57	1.570	-	-	1566.00		
		Type		Dyke	%	Thickness	Colour	Vein		PED41103	72.35	73.00	0.65	1.04	1.040	-	-	1041.00
		E0B Komatiitic_basalt		<input type="checkbox"/>	90	0	GNM	F		PED41104	73.00	73.40	0.40	0.53	0.526	-	-	526.00
		QLF: ALT VND BRX						PED41105	73.40	74.40	1.00	0.42	0.416	-	-	416.00		
		Komatiitic Basalt: Fine-grained, highly disrupted/ folded/breccia fabric @ 45-60 tca, moderate pervasive chl alteration with strong patchy silica-bio alteration, 10% planar breccia fault veining as sil'd qtz-act vnlts/veins (up to 17 cm wide) @ 35 to 75 tca (see Oriented Point Data Spreadsheet for detailed structural and veining data), both fault breccia veins and extensional veining present throughout the unit, trace dissemin fine-gr po-py, faulted/sheared lower contact @ 50 tca into strong breccia zone fuchsite altered Komatiitic Basalt.						PED41106	74.40	75.00	0.60	1.19	1.190	-	-	1187.00		
										PED41107	75.00	76.00	1.00	0.26	0.256	-	-	256.00
Alteration :		Type/Intensity/Texture																
		CHL 3 PRV																
		SIL 3 PCH																
		BIO 3 PCH																
Structure:																		
71.75 - 80.00	Alpha: 45			Beta: 0														
	Type/GEN/Intensity			CA1:	CA2:													
	FLT2 3			45	65													
Feature 2:																		
	Type		Dyke	%	Thickness	Colour	Vein											
V2_BX	Quartz_Vein_with_Fragments		<input type="checkbox"/>	10	0	WHT	F											



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		QLF: ALT VND BRX									
		Alteration : Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
76.16	80.00	Feature 1									
		Type									
		E0B Komatiitic_basalt	<input type="checkbox"/>	90	0	GNM	S				
		QLF: BRX ALT VND									
		Breccia/Fault Zone:(previously logged as Fuchsite Fault_ E1F) Komatiitic Basalt : Fine-grained, highly disrupted/ folded/breccia fabric @ 30-45 tca, with strong patchy silica-bio alteration and fuchsite rich patches, 10% planar to fragmented breccia fault veining as sil'd qtz-act strsvnlts (1 to 5 cm wide) @ 30 to 60 tca (see Oriented Point Data Spreadsheet for detailed structural and veining data), trace to 1% dissem fine-gr po-py, faulted/sheared lower contact @ 50 tca with altered Komatiitic Basalt.									
		Alteration : Type/Intensity/Texture									
		FUC 3 PCH									
		SIL 3 PRV									
		BIO 3 PCH									
		Mineralization Maj. : Type/GSZ%/HABIT									
		76.16 - 80.00 PY GS1 0.5 DIS									
		76.16 - 80.00 PO GS1 0.5 DIS									
		Feature 2:									
		Type									
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	10	0	WHT	F				
		QLF: BRX ALT VND									
		Alteration : Type/Intensity/Texture									
		AC 2 VND									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV									
80.00	90.29	Feature 1	PED41113	80.00	81.00	1.00	2.01	2.010	-	-	2012.00
		Type	PED41114	81.00	82.00	1.00	0.01	0.013	-	-	13.00
		E0B Komatiitic_basalt									
		QLF: ALT FOL GS1									
		Komatiitic Basalt: Fine-grained, massive textured to moderately developed foliation fabric @ 50-60 tca, moderate chl-talc alteration with patchy silica-bio alteration, 1% irregular qtz-carb str @ 60-65 tca, lower contact with Lamp Dyke sharp @ 45 tca.									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									
		SIL 1 PCH									
		CHL 2 PCH									
		Structure:									
		80.00 - 90.29									
		Alpha: 60									
		Beta: 0									
		Type/GEN/Intensity									
		FOL 2									
		CA1: 50									
		CA2: 65									
90.29	90.92	Feature 1									
		Type									
		I0E Lamprophyre									
		QLF: GS1 MAS CHM									
		Lamp Dyke: sharp contacts @ 45-80 tca.									
		Alteration :									
		Type/Intensity/Texture									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		AMP SIL BIO																		
90.92	123.19	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																
		<p>QLF: GS1 MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, massive textured to local developed rubbly breccia texture @ 50-60 tca, moderate to strong chl-talc alteration, 1% irregular qtz-carb str @ 60-65 tca, weak fracturing @ 25-35 tca (<1/m) and 45-55 tca (1-2/m), local shear/breccia faulting @ 5-15 tca from 120.49 to 122.21m, lower contact with Lamp Dyke sharp @ 45 tca.</p>																		
		<p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>SRP 1 LOC</td> </tr> <tr> <td>TLC 2 PRV</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </tbody> </table>										Type/Intensity/Texture	SRP 1 LOC	TLC 2 PRV	CHL 3 PRV					
Type/Intensity/Texture																				
SRP 1 LOC																				
TLC 2 PRV																				
CHL 3 PRV																				
		<p>Structure:</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>120.49 - 122.21</td> <td>Alpha: 10</td> <td>Beta: 250</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>SHD 3</td> <td>5 15</td> </tr> </tbody> </table>										120.49 - 122.21	Alpha: 10	Beta: 250		Type/GEN/Intensity	CA1: CA2:		SHD 3	5 15
120.49 - 122.21	Alpha: 10	Beta: 250																		
	Type/GEN/Intensity	CA1: CA2:																		
	SHD 3	5 15																		
123.19	124.14	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0																	
		<p>QLF: GS1 MAS CHM</p>																		



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

Lamp Dyke: Fine-grained, massive textured, no veining or mineralization noted, sharp contacts @ 45-35 tca.

Alteration : **Type/Intensity/Texture**
 AMP
 SIL
 BIO 2 SPT

124.14 130.26 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0		

QLF: GS1 MAS FRA

Komatiitic Basalt: Fine-grained, massive textured, moderate to strong chl-talc alteration, 1% irregular qtz-carb strs @ 60-65 tca, weak fracturing @ 20-35 tca (<1/m) and 45-55 tca (1-2/m), lower contact with Basalt sharp @ 60 tca.

Alteration : **Type/Intensity/Texture**
 SRP 1 LOC
 TLC 2 PRV
 CHL 3 PRV

130.26 131.00 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E1A Basalt	<input type="checkbox"/>	0	0	GND	

QLF: GS1 MAS FRA

Basalt: Fine-gr, massive textured with local fracturing @ 10-20 tca, no veining or mineralization, sharp



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		contacts @ 60 tca.									
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">CHL 3 PRV</p> <p style="margin-left: 20px;">BIO 1 PCH</p>									
131.00	145.08	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, massive textured to weakly foliated @ 45-55 tca, moderate to strong chl-talc alteration, 1% irregular qtz-carb strs @ 40-45 tca, weak fracturing @ 20-35 tca (<1/m) and 45-55 tca (1-2/m), lower contact with Lamp Dyke sharp @ 38 tca.</p>									
		<p>Dyke <input type="checkbox"/></p>	% 0	Thickness 0	Colour GYM	Vein					
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">TLC 2 PCH</p> <p style="margin-left: 20px;">CHL 3 PRV</p>									
145.08	145.46	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: GS1 MAS ALT</p> <p>Lamp Dyke: Fine-grained, massive textured, no veining or mineralization noted, sharp contacts @ 38-65 tca.</p>									
		<p>Dyke <input checked="" type="checkbox"/></p>	% 0	Thickness 0	Colour	Vein					



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

Alteration : **Type/Intensity/Texture**
 AMP
 SIL
 BIO 1 PRV

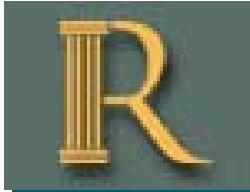
145.46 147.00 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0		

QLF: GS1 MAS FRA

Komatiitic Basalt: Fine-grained, massive textured, moderate chl-talc alteration, weak fracturing @ 45-55 tca (1-2/m), EOH.

Alteration : **Type/Intensity/Texture**
 AMP
 TLC 1 PCH
 CHL 2 PRV



DRILL HOLE REPORT

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 39.59	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 14.96	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 125	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 28-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 30-Mar-17				Surveyed: yes
Logged: 10-May-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10423.611	East: 448455.18
			North: 49982.718	North: 5663651.09
			Elev.: 5068.19	Elev.: 68.19
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	39.59	14.96	C	<input checked="" type="checkbox"/>	
0.10	39.58	14.96	Gyro	<input checked="" type="checkbox"/>	
5.10	39.63	14.94	Gyro	<input checked="" type="checkbox"/>	
10.10	39.64	14.80	Gyro	<input checked="" type="checkbox"/>	
15.00	40.82	14.30	Reflex	<input type="checkbox"/>	Replaced by gyro
15.10	39.63	14.63	Gyro	<input checked="" type="checkbox"/>	
20.10	39.73	14.57	Gyro	<input checked="" type="checkbox"/>	
25.10	39.69	14.47	Gyro	<input checked="" type="checkbox"/>	
30.10	39.69	14.40	Gyro	<input checked="" type="checkbox"/>	
35.10	39.74	14.32	Gyro	<input checked="" type="checkbox"/>	
40.10	39.85	14.26	Gyro	<input checked="" type="checkbox"/>	
45.10	39.96	14.19	Gyro	<input checked="" type="checkbox"/>	
50.00	36.38	13.90	Reflex	<input type="checkbox"/>	Replaced by gyro

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
50.10	40.01	14.09	Gyro	<input checked="" type="checkbox"/>	
55.10	40.03	14.06	Gyro	<input checked="" type="checkbox"/>	
102.00	38.99	12.75	Reflex	<input type="checkbox"/>	Replaced by gyro
125.00	38.74	12.08	Reflex	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
0.00	24.60	Feature 1	PED41115	21.00	21.90	0.90	0.00	<0.005	-	-	5.00
		Type	PED41116	21.90	22.30	0.40	0.00	<0.005	-	-	5.00
		E0B Komatiitic_basalt	PED41117	22.30	23.30	1.00	0.00	<0.005	-	-	5.00
		QLF: ALT DEFS MAS	PED41118	23.30	24.00	0.70	0.00	<0.005	-	-	5.00
		Komatiitic Basalt: Fine-med-grained, massive textured to locally highly disrupted rubbly breccia texture (flow top breccia?), moderate chl alteration with patchy silica and increasing talc alteraion downhole, 4-5% irregular qtz-carb strs that are fragmented/ folded and local sil'd qtz-act planar strs @ 35-65 tca, weak fracturing @ 35-45 tca (<1/m) and 55-65 tca (1-3/m) which are chl-talc infilled and locally display slickenslides, no visible mineralization, selectively sampled . Lower contact with High-Ti Basalt sharp @ 40 tca.	PED41119	24.00	24.60	0.60	0.01	0.013	-	-	13.00
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PCH									
		SIL 1 PCH									
		CHL 3 PRV									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT DEFS MAS									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 2 PRV									
24.60	25.30	Feature 1	PED41120	24.60	25.30	0.70	0.02	0.015	-	-	15.00
		Type									
		E1H High_titanium_basalt									
		QLF: ALT FRA PIL									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)								
<p>High-Ti Basalt: Fine-grained, greenish-brown colour, moderate silica-bio alteration, local pillow selvages, local fracturing @ 20-25 tca, no veining or mineralization, sharp contacts @ 40-50 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CHL 2 PRV</td> <td></td> </tr> <tr> <td>SIL 2 PRV</td> <td></td> </tr> <tr> <td>BIO 2 PRV</td> <td></td> </tr> </table>												Type/Intensity/Texture		CHL 2 PRV		SIL 2 PRV		BIO 2 PRV	
Type/Intensity/Texture																			
CHL 2 PRV																			
SIL 2 PRV																			
BIO 2 PRV																			
25.30	28.30	Feature 1	PED41121	25.30	26.00	0.70	0.04	0.038	-	-	38.00								
		Type		PED41122	26.00	27.00	1.00	0.10	0.102	-	-	102.00							
		Dyke	%	Thickness	Colour	Vein													
		E0B Komatiitic_basalt	□	0	0 GNM		PED41123	27.00	28.00	1.00	0.02	0.018	-	-	18.00				
		QLF: ALT MAS FRA																	
<p>Komatiitic Basalt: Fine-med-grained, massive textured , moderate chl alteration with patchy silica and talc alteraion, no veining or mineralization, weak fracturing @ 25-35 tca (<1/m). Lower contact with High-Ti Basalt sharp @ 25 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>TLC 2 PCH</td> <td></td> </tr> <tr> <td>SIL 1 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table>												Type/Intensity/Texture		TLC 2 PCH		SIL 1 PCH		CHL 3 PRV	
Type/Intensity/Texture																			
TLC 2 PCH																			
SIL 1 PCH																			
CHL 3 PRV																			



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Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
28.30	44.80	Feature 1	PED41124	28.00	29.00	1.00	0.05	0.051	-	-	51.00
		Type	PED41125	29.00	30.00	1.00	0.03	0.034	-	-	34.00
		E1H High_titanium_basalt	PED41126	30.00	31.00	1.00	0.01	0.005	-	-	5.00
		QLF: ALT VND MIN	PED41127	31.00	32.00	1.00	0.60	0.599	-	-	599.00
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly foliated @ 40 to 50 tca, local pillow selveges infilled with chl-carb, strong pervassive silica-bio alteration, weakly fractured (1-3/m) @ 45-65 tca & 30-35 tca (<1/m), 4-5% planar qtz-act threads/strs (<2 cm) @ 25 to 30 tca and minor strs (<1%) @ 70-80 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure), trace to 1% fine-gr dissemin po-py which locally increases to 2-3% proximal to sil'd veining margins, lower contact with mineralized Fault Breccia Vein sharp @ 50 tca.	PED41128	32.00	33.00	1.00	0.32	0.317	-	-	317.00
			PED41129	33.00	34.00	1.00	0.00	<0.005	-	-	5.00
			PED41130	34.00	35.00	1.00	2.03	2.030	-	-	2027.00
			PED41131	35.00	35.80	0.80	1.83	1.830	-	-	1831.00
			PED41132	35.80	36.80	1.00	0.01	0.014	-	-	14.00
		Alteration :	PED41133	36.80	38.25	1.45	0.15	0.149	-	-	149.00
		Type/Intensity/Texture	PED41134	38.25	39.25	1.00	0.07	0.069	-	-	69.00
		CHL 2 PRV	PED41135	39.25	40.25	1.00	0.04	0.038	-	-	38.00
		SIL 3 PRV	PED41136	40.25	41.25	1.00	1.47	1.470	-	-	1465.00
		BIO 3 PRV	PED41137	41.25	42.20	0.95	1.47	1.470	-	-	1471.00
		Mineralization Maj. :	PED41138	42.20	42.70	0.50	5.20	5.200	-	-	5198.00
		Type/GSZ%/HABIT	PED41140	42.70	43.50	0.80	0.91	0.907	-	-	907.00
		28.30 - 44.80 PY GS1 0.5 DIS	PED41141	43.50	44.75	1.25	1.56	1.560	-	-	1557.00
		Comment	PED41142	44.75	45.25	0.50	8.99	8.990	-	-	3993.00
		High-Ti Basalt: trace to 1% fine-gr dissemin po-py which locally increases to 2-3% proximal to sil'd veining margins									
44.80	45.24	Feature 1									
		Type									
		V2_BX Quartz_Vein_with_Fragments									
		QLF: ALT MIN									
		Mineralized Fault Breccia Veining: Sil'd vein containing numerous angular fragments of Basalt which are strongly actinolite altered. Vein is 40 cm wide @ 40 - 50 tca (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), mineralized with 1-2% dissemin po-py primarily within the Basalt fragments and wallrock adjacent to vein margins, local fine-gr Visible Gold (1-2 specks - see VG table) @ 45 m.									
		Visible Gold :									
		SampleID/Grainsize/Style									
		PED41142 1-2mm Speck									
		Alteration :									
		Type/Intensity/Texture									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :	Type/intensity/texture								
			BIO 2 PCH								
			AC 3 VND								
			SIL 4 PRV								
		Mineralization Maj. :	Type/GSZ%/HABIT								
	44.80 - 45.24		PY	GS1	1	DIS					
		Comment	Mineralized Fault Breccia Veining:mineralized with 1-2% dissem po-py primarily within the Basalt fragments and wallrock adjacent to vein margins.								
	44.80 - 45.24		PO	GS1	1	DIS					
		Comment	Mineralized Fault Breccia Veining:mineralized with 1-2% dissem po-py primarily within the Basalt fragments and wallrock adjacent to vein margins.								
45.24	47.48	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	□	95	0	BNM	S				
		QLF:	ALT VND MIN								
High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly foliated @ 25 to 35 tca, strong pervassive silica-bio alteration, weakly fractured (1-3/m) @ 45-65 tca & 10-25 tca (<1/m), 5% planar to fragmented Qtz-act strcs/threads (<0.5 to 3 cm) @ 20 to 40 tca (see Oriented Point Data Spreadsheet for detailed veining and structure), trace to 1% fine-gr dissem po-py which increases to 2-3% po-py proximal to veining margins, lower contact with Mineralized Breccia Fault Vein sharp @ 25 tca.											
		Alteration :	Type/Intensity/Texture								
			AC 2 VND								
			SIL 3 PRV								
			BIO 3 PRV								
		Mineralization Maj. :	Type/GSZ%/HABIT								
	45.24 - 47.48		PY	GS1	1	DIS					
		Comment	High-Ti Basalt: trace to 1% fine-gr dissem po-								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
	45.24 - 47.48	PO GS1 1 DIS py which locally increases to 2-3% proximal to sil'd veining margins. High-Ti Basalt: trace to 1% fine-gr disseminated po-py which locally increases to 2-3% proximal to sil'd veining margins.										
	Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein					
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	WHT	S					
		QLF: ALT VND MIN										
		Alteration :										
		Type/Intensity/Texture										
		AC 2 VND										
		SIL 3 PRV										
47.48	47.75	Feature 1						0.17	0.166	-	-	166.00
		Type	Dyke	%	Thickness	Colour	Vein					
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT	F					
		QLF: ALT MIN PLA										
		Mineralized Fault Breccia Veining: Sil'd vein containing numerous angular fragments of Basalt which are strongly actinolite altered. Vein is 27 cm wide with sharp contacts @ 25 - 40 tca (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), mineralized with 1% disseminated po-py primarily within the Basalt fragments and wallrock adjacent to vein margins.										
		Alteration :										
		Type/Intensity/Texture										
		BIO 3 PCH										
		AC 3 VND										
		SIL 3 PRV										
		Mineralization Maj. :										
		Type/GSZ%/HABIT										
	47.48 - 47.75	PY GS1 0.5 DIS										
		Comment										
		Mineralized Fault Breccia										



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	47.48 - 47.75	PO GS1 0.5 DIS Veining:mineralized with 1% dissem po-py primarily within the Basalt fragments and wallrock adjacent to vein margins. Mineralized Fault Breccia Veining:mineralized with 1% dissem po-py primarily within the Basalt fragments and wallrock adjacent to vein margins.									
47.75	48.97	Feature 1	PED41150	47.75	48.40	0.65	0.59	0.593	-	-	593.00
		Type	PED41151	48.40	48.75	0.35	2.16	2.160	-	-	2164.00
		E1H High_titanium_basalt									
		Dyke <input type="checkbox"/> % 90 Thickness 0 Colour BNM Vein F									
		QLF: ALT VND MIN									
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, strong breccia/fault/shear fabric @ 25 to 35 tca, strong pervassive silica-bio alteration, weakly fractured @ 10-25 tca (<1/m), 10% planar to fragmented qtz-act strs/threads/vnlts (<0.5 to 16 cm wide) @ 20 to 30 tca (see Oriented Point Data Spreadsheet for detailed veining and structure), mineralized with 1-2% fine-gr dissem po-py which increases to 3-4% po-py proximal to veining margins, lower contact with Mineralized Breccia Fault Vein sharp @ 25 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
	47.75 - 48.97	Alpha: 25									
		Type/GEN/Intensity									
		FLT2 3									
		Beta: 0									
		CA1: 25 CA2: 35									
		Mineralization Maj. : Type/GSZ%/HABIT									
	47.75 - 48.97	PY GS1 1 DIS									
		Comment									
		High-Ti Basalt: trace to 1% fine-gr dissem po-py which locally increases to 2-3% proximal to sil'd veining margins.									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	47.75 - 48.97	PO GS1 1 DIS High-Ti Basalt: trace to 1% fine-gr disseminated po-py which locally increases to 2-3% proximal to sil'd veining margins.									
	Feature 2:										
		<i>Type</i>	<i>Dyke</i>	%	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
	V2_BX	Quartz_Vein_with_Fragments	□	10	0	WHT	F				
	<i>QLF:</i> ALT VND MIN										
	<i>Alteration :</i> <i>Type/Intensity/Texture</i>										
		AC 2 VND									
		SIL 3 PRV									
48.97	51.30	Feature 1									
		<i>Type</i>	<i>Dyke</i>	%	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
	V2_BX	Quartz_Vein_with_Fragments	□	90	0	WHT	F				
	<i>QLF:</i> ALT MIN FRA										
	Mineralized Fault Breccia Veining: Sil'd whitish-grey veining containing numerous angular fragments of Basalt which are strongly actinolite altered. Veining is 1.56 m wide with minor (40 cm section of High-Ti Basalt from 49.3 to 49.7 m), sharp contacts @ 25 to 70 tca (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), mineralized with 2-3% disseminated and as str/blebs po-py primarily within the Basalt fragments and wallrock adjacent to vein margins, veining is moderately fractured (1-3/m) @ 15 to 25 tca with chl-act-py infilling fracture planes.										
	<i>Alteration :</i> <i>Type/Intensity/Texture</i>										
		BIO 3 PCH									
		AC 3 VND									
		SIL 3 PRV									
	<i>Mineralization Maj. :</i> <i>Type/GSZ%/HABIT</i>										
	48.97 - 51.30	PY GS1 1 DIS									
	<i>Comment</i> Mineralized Fault Breccia										



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	48.97 - 51.30	PO GS1 2 DIS Veining:mineralized with 2-3% dissem and as str/blebs po-py primarily within the Basalt fragments and wallrock adjacent to vein margins. Mineralized Fault Breccia Veining:mineralized with 2-3% dissem and as str/blebs po-py primarily within the Basalt fragments and wallrock adjacent to vein margins.										
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H High_titanium_basalt	<input type="checkbox"/>	10	0	BNM						
		QLF: ALT MIN FRA										
		Alteration : Type/Intensity/Texture										
		CHL 2 PCH										
		BIO 3 PRV										
		SIL 3 PRV										
51.30	63.10	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H High_titanium_basalt	<input type="checkbox"/>	95	0	BNM	S					
		QLF: ALT VND MIN										
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, local pillow selveges infilled with chl, massive textured to weakly developed foliation fabric @ 35 to 45 tca, strong pervassive silica-bio alteration, weakly fractured @ 20-25 tca (<1/m) and 45-65 tca (1-3/m), veining consists of 5% planar to fragmented qtz-act strs/threads (<0.5 to 3.5 cm), mineralization consist of 1% fine-gr dissem po-py which increases to 2% po-py proximal to veining margins, lower contact with Lamp Dyke sharp @ 70 tca.										
		Alteration : Type/Intensity/Texture										
		CHL 2 PCH										
								0.27	0.265	-	-	265.00
								2.66	2.660	-	-	2657.00
								0.46	0.459	-	-	459.00
								0.39	0.385	-	-	385.00
								0.39	0.389	-	-	389.00
								0.27	0.273	-	-	273.00
								1.54	1.540	-	-	1545.00
								0.20	0.200	-	-	200.00
								0.09	0.092	-	-	92.00
								0.02	0.018	-	-	18.00
								41.50	>10.00	41.50	-	0000.0



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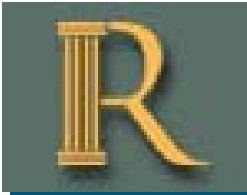
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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV	PED41170	60.30	61.00	0.70	12.85	>10.00	12.85	-	0000.0
		BIO 3 PRV	PED41171	61.00	62.00	1.00	0.50	0.500	-	-	500.00
			PED41172	62.00	63.00	1.00	0.84	0.836	-	-	836.00
		Mineralization Maj. : Type/GSZ%/HABIT					Comment				
51.30	63.10	PY GS1 0.5 DIS					High-Ti Basalt: trace to 1% fine-gr disseminated py which locally increases to 2% proximal to sil'd veining margins				
51.30	63.10	PO GS1 0.5 DIS					High-Ti Basalt: trace to 1% fine-gr disseminated py which locally increases to 2% proximal to sil'd veining margins				
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
V2A		Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	WHT	S				
QLF: ALT VND MIN											
		Alteration :	Type/Intensity/Texture								
			AC 2 VND								
			SIL 3 PRV								
63.10	63.95	Feature 1	PED41173	63.00	64.00	1.00	0.05	0.048	-	-	48.00
		Type	Dyke	%	Thickness	Colour	Vein				
I0E		Lamprophyre	<input checked="" type="checkbox"/>	0	0	BLK					
QLF: GS1 MAS CHM											
Lamp Dyke: Fine-grained, massive textured, weak fracturing @ 65 tca, sharp contacts @70-75 tca											
		Alteration :	Type/Intensity/Texture								
			AMP								
			SIL								
			BIO 1 PRV								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
63.95	64.34	Feature 1	PED41174	64.00	64.35	0.35	0.41	0.407	-	-	407.00	
		Type			Dyke	%	Thickness	Colour	Vein			
		V2_BX Quartz_Vein_with_Fragments			<input type="checkbox"/>	0	0	WHT	F			
		QLF: ALT MIN BRX										
		Mineralized Fault Breccia Veining: Sil'd whitish-grey veining containing numerous angular fragments of Basalt and Komatiitic Basalt which are strongly actinolite altered. Vein is 35 cm wide with sharp contacts @ 30 tca (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), mineralized with 1-2% dissemin po-py.										
		Alteration :										
		Type/Intensity/Texture										
		BIO 3 PCH AC 2 VND SIL 3 PRV										
		Mineralization Maj. :										
		Type/GSZ%/HABIT					Comment					
		63.95 - 64.34 PY GS1 1 DIS					Mineralized Fault Breccia Veining:mineralized with 1-2% dissemin po-py.					
		63.95 - 64.34 PO GS1 1 DIS					Mineralized Fault Breccia Veining:mineralized with 1-2% dissemin po-py.					
64.34	67.00	Feature 1	PED41176	64.35	65.00	0.65	5.93	5.930	-	-	5933.00	
		Type			Dyke	%	Thickness	Colour	Vein			
		E1H High_titanium_basalt			<input type="checkbox"/>	50	0	BNM	S			
		QLF: ALT MIN BRX										
		Breccia Zone: Mixture of fragmented High-Ti Basalt and Komatiitic Basalt with a highly contorted/folded breccia / shear fabric @ 25-40 tca, strong bio-silica alteration, 4-5% fragmented/folded qtz-act str/vnlts containing breccia fragments of wallrock @ 20-50 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), 1% dissemin po-py which locally increases to 2-3% proximal to										



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		increased veining, lower contact with high-Ti Basalt @ 55 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PCH									
		Structure:									
	64.34 - 67.00	Alpha: 25									
		Type/GEN/Intensity									
		FLT2 3									
		Beta: 75									
		CA1: CA2:									
		25 40									
		Feature 2:									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		E0B Komatiitic_basalt	☐	50	0	GNM	S				
		QLF: ALT MIN BRX									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PCH									
67.00	71.89	Feature 1									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		E1H High_titanium_basalt	☐	90	0	BNM	L				
		QLF: ALT VND MIN									
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly developed foliation fabric @ 25 to 45 tca, strong pervassive silica-bio alteration, veining consists of 5% planar to fragmented qtz-act str/vnlts (<0.5 to 4 cm), mineralization consist of 1% fine-gr dissem po-py which increases to 2% po-py proximal to veining margins, lower contact with Breccia Zone sharp @ 45 tca.									
			PED41179	67.00	67.55	0.55	0.02	0.019	-	-	19.00
			PED41180	67.55	68.50	0.95	0.77	0.772	-	-	772.00
			PED41181	68.50	68.80	0.30	1.69	1.690	-	-	1691.00
			PED41182	68.80	69.50	0.70	22.03	>10.000	22.03	-	0000.00
			PED41183	69.50	70.50	1.00	2.91	2.910	-	-	2911.00
			PED41184	70.50	71.50	1.00	2.19	2.190	-	-	2190.00
			PED41185	71.50	71.85	0.35	6.59	6.590	-	-	3594.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)				
		Alteration :	Type/Intensity/Texture												
			CHL 2 PCH												
			SIL 3 PRV												
			BIO 3 PRV												
		Mineralization Maj. :	Type/GSZ%/HABIT				Comment								
		71.89 - 72.54	PY	GS1	0.5	DIS	High-Ti Basalt: trace to 1% fine-gr disseminated po-py								
		71.89 - 72.54	PO	GS1	0.5	DIS	High-Ti Basalt: trace to 1% fine-gr disseminated po-py								
Feature 2:															
		Type	Dyke	%	Thickness	Colour	Vein								
		E0B Komatitic_basalt	<input type="checkbox"/>	50	0	GNM	S								
		QLF: ALT BRX MIN													
		Alteration :	Type/Intensity/Texture												
			CHL 2 PCH												
			BIO 3 PRV												
			SIL 3 PRV												
72.54	73.62	Feature 1					PED41188	72.40	72.70	0.30	1.18	1.180	-	-	1181.0C
		Type	Dyke	%	Thickness	Colour	Vein								
		E1H High_titanium_basalt	<input type="checkbox"/>	95	0	BNM	F								
		QLF: ALT VND MIN													
<p>High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly developed foliation fabric @ 25 to 35 tca, strong pervasive silica-bio alteration, veining consists of 5% planar to fragmented qtz-act str/vnlts (<0.5 to 2 cm) @ 30-45 tca, mineralization consist of 1% fine-gr disseminated po-py which increases to 2% po-py proximal to veining margins, lower contact with Breccia Zone sharp @ 58 tca.</p>															



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture CHL 2 PCH SIL 3 PRV BIO 3 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT 72.54 - 73.62 PY GS1 0.5 DIS 72.54 - 73.62 PO GS1 0.5 DIS									
		Comment High-Ti Basalt: trace to 1% fine-gr disseminated po-py High-Ti Basalt: trace to 1% fine-gr disseminated po-py									
		Feature 2:									
		Type Dyke % Thickness Colour Vein V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 5 0 WHT S									
		QLF: ALT VND MIN									
		Alteration : Type/Intensity/Texture AC 2 VND SIL 3 PRV									
73.62	79.20	Feature 1									
		Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 75 0 GNM S									
		QLF: ALT BRX MIN									
		Breccia Zone: Mixture of fragmented High-Ti Basalt (approx 25 %) and Komatiitic Basalt (approx 75%) with a highly contorted/folded breccia / shear fabric @ 45-55 tca, moderate to strong bio-silica alteration, 1% fragmented/folded qtz-act strcs/threads @ 35-45 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure measurements), 1% disseminated po-py, (from 74.03 to 74.3 m there is local strcs of aspy (0.5 cm wide) @ 55 tca). lower contact with High-Ti Basalt sharp @ 40 tca.									
		Alteration : Type/Intensity/Texture CHL 2 PCH									
			PED41190	73.30	74.00	0.70	0.90	0.897	-	-	897.00
			PED41191	74.00	74.30	0.30	0.70	0.702	-	-	702.00
			PED41192	74.30	74.60	0.30	1.28	1.280	-	-	1281.00
			PED41193	74.60	75.50	0.90	0.28	0.280	-	-	280.00
			PED41194	75.50	76.50	1.00	0.12	0.118	-	-	118.00
			PED41195	76.50	77.50	1.00	1.40	1.400	-	-	1397.00
			PED41196	77.50	78.50	1.00	0.20	0.203	-	-	203.00
			PED41197	78.50	79.50	1.00	0.29	0.285	-	-	285.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV BIO 2 PCH									
		Structure:									
	73.62 - 79.20	Alpha: 45 Type/GEN/Intensity FLT2 3									
		Beta: 110 CA1: CA2: 45 55									
		Mineralization Maj. : Type/GSZ%/HABIT									
	74.03 - 74.30	PY GS1 0.5 DIS									
	74.03 - 74.30	PO GS1 0.5 DIS									
	74.03 - 74.30	AS GS1 4 STR									
	74.30 - 79.20	PY GS1 0.5 DIS									
	74.30 - 79.20	PO GS1 0.5 DIS									
		Comment									
		Breccia Zone: Mixture of fragmented High-Ti Basalt (approx 25 %) and Komatiitic Basalt (approx 75%) with local strrs of aspy (0.5 cm wide) @ 55 tca.									
		Breccia Zone: Mixture of fragmented High-Ti Basalt (approx 25 %) and Komatiitic Basalt (approx 75%) with local strrs of aspy (0.5 cm wide) @ 55 tca.									
		Breccia Zone: Mixture of fragmented High-Ti Basalt (approx 25 %) and Komatiitic Basalt (approx 75%) with local strrs of aspy (0.5 cm wide) @ 55 tca.									
		Breccia Zone: Mixture of fragmented High-Ti Basalt (approx 25 %) and Komatiitic Basalt (approx 75%) with 1% fine-gr dissem po-py.									
		Breccia Zone: Mixture of fragmented High-Ti Basalt (approx 25 %) and Komatiitic Basalt (approx 75%) with 1% fine-gr dissem po-py.									
		Feature 2:									
		Type									
	E1H	High_titanium_basalt									
		Dyke									
		<input type="checkbox"/>									
		%									
		25									
		Thickness									
		0									
		Colour									
		GNM									
		Vein									
		S									
		QLF: ALT BRX MIN									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 2 PCH									
79.20	86.11	Feature 1	PED41198	79.50	80.50	1.00	0.11	0.108	-	-	108.00
		Type	PED41199	80.50	81.50	1.00	0.28	0.282	-	-	282.00
		Dyke % Thickness Colour Vein	PED41200	81.50	82.45	0.95	0.11	0.111	-	-	111.00
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 BNM S	PED41201	82.45	83.45	1.00	0.12	0.124	-	-	124.00
		QLF: ALT VND MAS	PED41202	83.45	84.45	1.00	0.32	0.323	-	-	323.00
		High-Ti Basalt: Fine-grained, dark greenish-brown colour, massive textured, strong pervasive silica-bio alteration, veining consists of 1-2% planar to fragmented qtz-act strsthreads (<0.5 to 1 cm) @ 15-25 tca, mineralization consist of <1% fine-gr dissemin po-py, lower contact with Komatiitic Basalt sharp @ 50 tca.	PED41203	84.45	85.00	0.55	0.58	0.583	-	-	583.00
			PED41204	85.00	86.10	1.10	0.60	0.597	-	-	597.00
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		79.20 - 86.11 PY GS1 0.5 DIS									
		79.20 - 86.11 PO GS1 0.5 DIS									
		Comment									
		High-Ti Basalt: trace to 1% fine-gr dissemin po-py									
		High-Ti Basalt: trace to 1% fine-gr dissemin po-py									
86.11	87.16	Feature 1	PED41205	86.10	87.16	1.06	0.08	0.078	-	-	78.00
		Type									
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM S									
		QLF: ALT FOL VND									
		Komatiitic Basalt: Fine-med-grained, strong foliation fabric @ 45-50 tca , strong chl alteration with patchy silica and actinolite alteraion, 2-3% fragmented/disrupted qtz-carb-act strsthreads parallel to foliation fabric, no visible mineralization, weak fracturing @ 45-50 tca (<1/m). Lower contact with Lamp Dyke sharp @ 70 tca.									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		<p>Alteration : Type/Intensity/Texture</p> <p>AC 3 VND</p> <p>SIL 3 PCH</p> <p>CHL 3 PRV</p> <p>Structure:</p> <p>86.11 - 87.16 Alpha: 45 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> FOL 3 45 50</p>								
87.16	88.05	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I0E Lamprophyre <input checked="" type="checkbox"/> 0 0 BLK Vein</p> <p>QLF: GS1 MAS CHM</p> <p>Lamp Dyke: Fine-grained, massive textured, sharp contacts @70 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>BIO</p>								
88.05	125.00	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM C</p> <p>QLF: ALT MAS FTB</p>								



LITHOLOGY REPORT

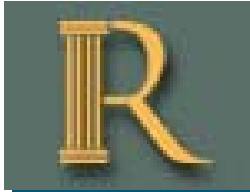
- Detailed -

Hole Number **305-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)																	
<p>Komatiitic Basalt: Fine-med-grained, massive textured to locally highly disrupted rubbly breccia texture (flow top breccia?), strong chl alteration with patchy silica and increasing talc alteration downhole, 2-3% irregular qtz-carb-act strcs/threads that are fragmented/ folded, weak fracturing @ 10-15 tca (1-2/m) and 55-65 tca (1-3/m) which are chl-talc infilled and locally display slickenslides, no visible mineralization, EOH.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>TLC 1</td> <td>PCH</td> </tr> <tr> <td>SIL 2</td> <td>PCH</td> </tr> <tr> <td>CHL 3</td> <td>PRV</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>88.05 - 93.00</td> <td>Alpha: 65</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>FOL 3</td> <td>60 75</td> </tr> </table>												Type/Intensity/Texture		TLC 1	PCH	SIL 2	PCH	CHL 3	PRV	88.05 - 93.00	Alpha: 65	Beta: 0		Type/GEN/Intensity	CA1: CA2:		FOL 3	60 75
Type/Intensity/Texture																												
TLC 1	PCH																											
SIL 2	PCH																											
CHL 3	PRV																											
88.05 - 93.00	Alpha: 65	Beta: 0																										
	Type/GEN/Intensity	CA1: CA2:																										
	FOL 3	60 75																										



DRILL HOLE REPORT

Hole Number **305-17-06A**

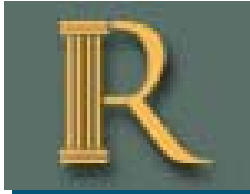
Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 40	Length: 0	Dimension: NQ	Township: Bateman	Logged by: -
Dip: 15	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 15	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 27-Mar-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 27-Mar-17				Surveyed: no
Logged: 30-Dec-1899				Surveyed by: -
Comment: Rods stuck, hole abandoned at Boart expense. RODS IN HOLE. COLLAR PLATTED, Unable to survey. NOT LOGGED			Coordinate - Gemcom	Geophysics:
			East: 10423	Geophysic Contractor:
			North: 49983	Left in hole:
			Elev.: 5067	Making water: no
			Zone: 15N NAD: NAD83	Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	40.00	15.00	C	<input checked="" type="checkbox"/>	
15.00	46.33	14.66	Devish ot	<input checked="" type="checkbox"/>	



DRILL HOLE REPORT

Hole Number **305-17-07**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 31.75	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: -44.94	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 153	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 28-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 30-Mar-17				Surveyed: yes
Logged: 26-Apr-17				Surveyed by: Mark Cottrell
Comment: Several blocking errors throughout this drill hole.				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10423.365	East: 448455.38	Left in hole:
		North: 49983.238	North: 5663651.63	Making water: no
		Elev.: 5066.166	Elev.: 66.17	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	31.75	-44.94	C	<input checked="" type="checkbox"/>	Lined up by C. Hunter
0.10	31.75	-44.94	Gyro	<input checked="" type="checkbox"/>	
5.10	31.70	-45.00	Gyro	<input checked="" type="checkbox"/>	
10.10	31.78	-45.01	Gyro	<input checked="" type="checkbox"/>	
12.00	26.05	-45.02	Reflex	<input type="checkbox"/>	Replaced by gyro
15.10	31.52	-45.09	Gyro	<input checked="" type="checkbox"/>	
20.10	31.40	-45.22	Gyro	<input checked="" type="checkbox"/>	
25.00	30.10	-45.30	Reflex	<input type="checkbox"/>	Replaced by gyro
25.10	31.29	-45.30	Gyro	<input checked="" type="checkbox"/>	
30.10	31.18	-45.32	Gyro	<input checked="" type="checkbox"/>	
35.10	31.07	-45.39	Gyro	<input checked="" type="checkbox"/>	
40.10	31.05	-45.37	Gyro	<input checked="" type="checkbox"/>	
45.10	31.16	-45.35	Gyro	<input checked="" type="checkbox"/>	

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
50.10	31.30	-45.33	Gyro	<input checked="" type="checkbox"/>	
51.00	32.40	-45.60	Reflex	<input type="checkbox"/>	Replaced by gyro
55.10	31.45	-45.34	Gyro	<input checked="" type="checkbox"/>	
60.10	31.59	-45.33	Gyro	<input checked="" type="checkbox"/>	
65.10	31.81	-45.32	Gyro	<input checked="" type="checkbox"/>	
70.10	31.97	-45.29	Gyro	<input checked="" type="checkbox"/>	
75.10	32.10	-45.25	Gyro	<input checked="" type="checkbox"/>	
80.10	32.12	-45.19	Gyro	<input checked="" type="checkbox"/>	
85.10	32.45	-45.19	Gyro	<input checked="" type="checkbox"/>	
90.10	32.70	-45.08	Gyro	<input checked="" type="checkbox"/>	
95.10	32.94	-45.01	Gyro	<input checked="" type="checkbox"/>	
100.10	32.96	-44.93	Gyro	<input checked="" type="checkbox"/>	
102.00	31.06	-45.09	Reflex	<input type="checkbox"/>	Replaced by gyro



HEADER REPORT

Hole Number 305-17-07

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
105.10	32.98	-45.01	Gyro	<input checked="" type="checkbox"/>	
110.10	32.95	-45.04	Gyro	<input checked="" type="checkbox"/>	
115.10	33.03	-45.06	Gyro	<input checked="" type="checkbox"/>	
120.10	33.06	-45.09	Gyro	<input checked="" type="checkbox"/>	
125.10	33.13	-45.15	Gyro	<input checked="" type="checkbox"/>	
130.10	33.23	-45.19	Gyro	<input checked="" type="checkbox"/>	
135.10	33.25	-45.21	Gyro	<input checked="" type="checkbox"/>	
140.10	33.37	-45.22	Gyro	<input checked="" type="checkbox"/>	
150.00	33.80	-45.40	Reflex	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	4.16	Feature 1									
		Type									
		E1A Basalt	<input type="checkbox"/>	0	0	GND					
		QLF: GS1 MAS FRA									
		Basalt: Fine-gr, massive textured, dark green, <1% planar qtz-carb strs/threads @ 45-50 tca, no visible mineralization, weak fracturing (<1/m) @ 30 & 50 tca, sharp lower contact with Komatiitic Basalt @ 50 tca.									
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 PCH									
		CHL 3 PRV									
4.16	44.57	Feature 1									
		Type									
		E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNM C					
		QLF: ALT MAS VND									
		Komatiitic Basalt: Fine to med-grained, greyish-green colour with a pitted surface, massive textured with weak fracturing at 15-25 tca (<1/m) and 45-55 tca (1-3/m), fractures are slightly rough, undulating with chl-talc infilling (local slickenslides present on the 15-25 tca fracture surfaces), moderate to strong chl-talc alteration and localized silica alteration patches proximal to the lower Basalt contact, 5% irregular fragmented/folded to planar qtz-carb strs/vnlts @ 15-20 tca and 45-50 tca throughout the unit. Local sil'd qtz-carb-act breccia fault vein (20 cm wide) @ 40-45 tca from 41.1 to 41.3 m which contains fragments of Komatiitic Basalt and one speck of VG. Lower contact with Bx fault vein / High-Ti Basalt sharp @ 55 tca. No visible mineralization throughout the Komatiitic Basalt, local weakly magnetitic sections.									
		Visible Gold :									
		SampleID/Grainsize/Style									
		PED40952 1-2mm Speck									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 LOC									
		TLC 1 PRV									
			PED40951	40.00	41.00	1.00	0.02	0.024	-	-	24.00
			PED40952	41.00	41.40	0.40	16.53	14.400	16.53	-	0000.0
			PED40954	41.40	42.00	0.60	0.02	0.024	-	-	24.00
			PED40955	42.00	43.00	1.00	0.04	0.044	-	-	44.00
			PED40956	43.00	44.00	1.00	0.01	0.007	-	-	7.00
			PED40957	44.00	44.50	0.50	0.02	0.020	-	-	20.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	4.16 - 4.17	Alpha: 50 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
	41.10 - 41.32	Alpha: 40 Type/GEN/Intensity V2 3									
		Beta: 310 CA1: CA2: 40 45									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
	V3	Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C				
		QLF: ALT MAS VND									
44.57	45.90	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	V2A	Quartz_carb_actinolite_vein	<input type="checkbox"/>	100	0	GY	F				
		QLF: ALT BRX MIN									
		Breccia Fault Vein: Strong pervasive silica alteration, vein matrix consist of sil'd dark greyish-green qtz-act with 30-40% angular fragments of both Basalt and Komatiitic basalt, fragments strongly silica-bio altered with 1% fine-gr po-py, local fractures in vein @ 45 tca, The vein occurs between the Komatiitic Basalt and High-Ti Basalt with sharp contacts @ 55 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AC 3 VND									
		BIO 3 SPT									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-07**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Structure:										
		44.57 - 45.90 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: CV										
45.90	46.65	Feature 1	PED40961	46.00	46.65	0.65	1.86	1.860	-	-	1861.00	
		Type	Dyke	%	Thickness	Colour	Vein					
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BNM						
		QLF: ALT BRX MIN										
		High Ti Basalt: Fine-gr, dark brownish-green, strong breccia/foliation fabric @ 50-55 tca defined by bio planes, 1-2% fine-gr disseminated po-py, 1-2% fragmented grey sil'd qtz-act str., lower contact broken up.										
		Alteration :										
		Type/Intensity/Texture										
		CHL 2 PCH										
		SIL 3 PRV										
		BIO 3 PRV										
		Structure:										
		45.90 - 46.65 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: FLT2 50 55										
		Mineralization Maj. :										
		Type/GSZ%/HABIT										
		45.90 - 46.65 PY GS1 1 DIS										
		45.90 - 46.65 PO GS1 1 DIS										
		Comment										



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																									
46.65	48.84	Feature 1	PED40962	46.65	47.00	0.35	2.63	2.630	-	-	2632.00																									
		Type	PED40963	47.00	47.90	0.90	0.42	0.424	-	-	424.00																									
		E0B Komatiitic_basalt	PED40964	47.90	48.65	0.75	0.12	0.117	-	-	117.00																									
		QLF: ALT BRX VND	PED40965	48.65	49.00	0.35	0.72	0.720	-	-	720.00																									
<p>Komatiitic Basalt: Fine-gr, dark greenish-brown, moderate to strong patchy bio-silica-chl alteration, moderate local breccia fabric @ 40-45 defined by bio planes, 4-5% planar grey sil'd Qtz-act str/vnlts @ 30 & 65 tca, veining along both contacts, no significant mineralization noted.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>CHL 2 PCH</td> </tr> <tr> <td>SIL 3 PRV</td> </tr> <tr> <td>BIO 2 PCH</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>46.65 - 48.84</td> <td>Alpha: 45</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1: CA2:</td> </tr> <tr> <td></td> <td>FLT2 2</td> <td>40 45</td> </tr> </table> <p>Feature 2:</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;">□</td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GY</td> <td style="text-align: center;">L</td> </tr> </table> <p>QLF: ALT BRX VND</p>												Type/Intensity/Texture	CHL 2 PCH	SIL 3 PRV	BIO 2 PCH	46.65 - 48.84	Alpha: 45	Beta: 0		Type/GEN/Intensity	CA1: CA2:		FLT2 2	40 45	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	□	5	0	GY	L
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From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
48.84	65.42	Feature 1	PED40966	49.00	49.50	0.50	6.66	6.660	-	-	3658.00
		Type	PED40967	49.50	50.10	0.60	4.86	4.860	-	-	4864.00
		E1H High titanium basalt	PED40969	50.10	50.50	0.40	2.27	2.270	-	-	2269.00
		QLF: ALT VND MIN	PED40970	50.50	51.30	0.80	4.12	4.120	-	-	4119.00
		High Ti Basalt: (Veined and Mineralized) :Fine-gr, dark brownish-green, massive textured with local weak breccia/foiliation fabric @ 50-55 tca defined by bio planes, 1-2% fine-gr dissem po-py, 20% sil'd qtz-act str/vnlts/veins which range in width from 0.5cm to 13 cms, the veining consist of breccia fault veins (which contain angular fragments of Basalt) and extension veins.(see oriented point data spreadsheet for complete detailed alpha-beta readings for veining). Mineralization varies througout the unit from <1% up to 10% locally, consisting primarily as fine-gr dissem po-py to infilling fractures and blebs parallel to weakly defined foliation planes within the altered Basalt.	PED40971	51.30	52.20	0.90	2.33	2.330	-	-	2335.00
			PED40972	52.20	53.00	0.80	3.21	3.210	-	-	3213.00
			PED40973	53.00	53.50	0.50	2.30	2.300	-	-	2301.00
			PED40974	53.50	54.00	0.50	0.38	0.375	-	-	375.00
			PED40975	54.00	54.60	0.60	0.70	0.702	-	-	702.00
			PED40976	54.60	55.00	0.40	1.40	1.400	-	-	1397.00
			PED40977	55.00	55.50	0.50	1.57	1.570	-	-	1574.00
			PED40978	55.50	56.00	0.50	2.16	2.160	-	-	2161.00
			PED40979	56.00	56.70	0.70	1.08	1.080	-	-	1078.00
			PED40980	56.70	57.00	0.30	0.70	0.703	-	-	703.00
			PED40982	57.00	58.00	1.00	1.85	1.850	-	-	1855.00
			PED40983	58.00	58.50	0.50	0.53	0.530	-	-	530.00
			PED40984	58.50	59.00	0.50	0.18	0.178	-	-	178.00
			PED40985	59.00	59.80	0.80	0.15	0.152	-	-	152.00
			PED40986	59.80	60.20	0.40	0.94	0.939	-	-	939.00
			PED40987	60.20	61.10	0.90	1.89	1.890	-	-	1891.00
			PED40988	61.10	61.50	0.40	9.29	9.290	-	-	3291.00
			PED40989	61.50	62.20	0.70	2.65	2.650	-	-	2646.00
			PED40990	62.20	62.50	0.30	0.81	0.807	-	-	807.00
			PED40991	62.50	63.50	1.00	1.56	1.560	-	-	1559.00
			PED40992	63.50	63.90	0.40	1.59	1.590	-	-	1588.00
			PED40993	63.90	64.40	0.50	6.86	6.860	-	-	3862.00
			PED40994	64.40	65.40	1.00	4.12	4.120	-	-	4116.00
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		49.00 - 50.10 PY GS1 5 DIS									
		49.00 - 50.10 PO GS1 5 THD									
		50.10 - 64.00 PY GS1 1 DIS									
		50.10 - 64.00 PO GS1 1 DIS									
		64.00 - 65.42 PY GS1 2 DIS									
		64.00 - 65.42 PO GS1 3 THD									
		Feature 2:									
		Type									
		V2A Quartz carb actinolite vein									
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA																												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)																											
65.42	66.68	Feature 1	PED40995	65.40	66.00	0.60	8.90	8.900	-	-	3901.00																											
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">80</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">F</td> </tr> </table> <p>QLF: ALT BRX MIN</p> <p>Breccia Fault Veining: Several veins (up to 15 cm wide) in Basalt, strong pervassive silica alteration, vein matrix consist of sil'd dark greyish-green qtz-act with 30-40% angular fragments of Basalt, fragments strongly silica-bio altered with 4-5% fine-gr po-py in the basalt, vein contacts vary from 15 to 70 tca (see orientated point data spreadsheet for detailed contact data).</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>BIO 3 LOC</td> </tr> <tr> <td>AC 3 VND</td> </tr> <tr> <td>SIL 3 PRV</td> </tr> </table> <p>Structure:</p> <table border="0"> <tr> <td>65.42 - 66.68</td> <td>Alpha: 50</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1: CA2:</td> </tr> <tr> <td></td> <td style="text-align: center;">V</td> <td style="text-align: center;">15 70</td> </tr> </table> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <table border="0"> <tr> <td>65.42 - 66.68</td> <td>PY GS1 2 DIS</td> </tr> </table> <p>Comment</p> <p>Breccia Fault Veining: Several veins (up to 15 cm wide) in Basalt, strong pervassive silica alteration, vein matrix consist of sil'd dark greyish-green qtz-act with 30-40% angular fragments of Basalt, fragments strongly silica-bio altered with 4-5% fine-gr po-py in the basalt, vein contacts vary from 15 to 70 tca (see orientated point data spreadsheet for detailed contact data).</p>	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	☐	80	0	WHT	F	Type/Intensity/Texture	BIO 3 LOC	AC 3 VND	SIL 3 PRV	65.42 - 66.68	Alpha: 50	Beta: 0		Type/GEN/Intensity	CA1: CA2:		V	15 70	65.42 - 66.68	PY GS1 2 DIS	PED40996	66.00	66.40	0.40	2.10	2.100	-	-	2096.00
Type	Dyke	%	Thickness	Colour	Vein																																	
V2A Quartz_carb_actinolite_vein	☐	80	0	WHT	F																																	
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Type	Dyke	%	Thickness	Colour	Vein																																																															
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Structure:												
66.68 - 70.56		Alpha: 50	Beta: 0									
		Type/GEN/Intensity	CA1:	CA2:								
		FLT2 2	45	55								
Mineralization Maj. : Type/GSZ%/HABIT Comment												
66.68 - 70.56		PY GS1 0.5 DIS										
66.68 - 70.56		PO GS1 0.5 DIS										
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
V2A		Quartz_carb_actinolite_vein	☐	10	0	WHT	L					
QLF:		ALT VND BRX										
70.56	76.75	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
E0B		Komatiitic_basalt	☐	95	0	GNM	S					
QLF:		ALT BRX FOL										
		Komatiitic Basalt: Fine-gr, dark greenish-brown, strong pervasive silica-actinolite and patchy bio-chl alteration, moderate to strong breccia fabric @ 50-55 defined by bio planes, 4-5% irregular grey sil'd qtz-act str/vnlts , no significant mineralization noted.										
								0.01	0.013	-	-	13.00
								0.49	0.486	-	-	486.00
								0.03	0.025	-	-	25.00
								0.02	0.018	-	-	18.00
								0.03	0.033	-	-	33.00
								0.02	0.020	-	-	20.00
								0.18	0.182	-	-	182.00
Alteration :												
		Type/Intensity/Texture										
		AC 3 PCH										
		BIO 2 PCH										
		SIL 3 PRV										
Structure:												
70.56 - 76.75		Alpha: 55	Beta: 0									



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		Type/GEN/Intensity FLT2 2									
		CA1: CA2: 50 55									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	☐	5	0	GYM	S				
		QLF: ALT BRX FOL									
		Alteration :									
		Type/Intensity/Texture									
		AC 3 PCH									
		SIL 3 PRV									
76.75	77.55	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	☐	100	0		F				
		QLF: ALT									
		Breccia Fault Vein: Strong pervasive silica-actinolite alteration, vein matrix consist of sil'd dark greyish-green qtz-act with 10% angular fragments of Komatiitic basalt, fragments strongly silica-act altered, local fractures in vein @ 40 - 45 tca, vein is entirely in Komatiitic Basalt, no visible mineralization, sharp contacts @ 40 & 10 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		AC 2 PCH									
		SIL 3 PRV									
		Structure:									
		76.75 - 76.76 Alpha: 40 Beta: 0									
		Type/GEN/Intensity	CA1: CA2:								
		CV									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
77.55	84.50	Feature 1	PED41011	77.55	78.50	0.95	0.24	0.240	-	-	240.00
		Type	PED41012	79.00	79.50	0.50	0.02	0.017	-	-	17.00
		E0B Komatiitic_basalt	PED41013	79.50	80.50	1.00	0.01	0.012	-	-	12.00
		QLF: ALT BRX FOL	PED41014	80.50	81.50	1.00	0.03	0.030	-	-	30.00
		Komatiitic Basalt: Fine-gr, dark greenish-brown, decreased silica-actinolite and patchy chl-talc alteration, moderate foliation/breccia fabric @ 45-55 defined by bio planes, 4-5% irregular grey sil'd qtz-act str/vnlts , no significant mineralization noted, lower contact with High-Ti Basalt sheared @ 40 tca.	PED41015	81.50	82.50	1.00	0.03	0.028	-	-	28.00
			PED41016	82.50	83.50	1.00	0.02	0.024	-	-	24.00
			PED41017	83.50	84.50	1.00	0.02	0.023	-	-	23.00
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PCH									
		SIL 2 PCH									
		CHL 2 PRV									
		Structure:									
		77.55 - 77.56									
		Alpha: 10									
		Beta: 0									
		Type/GEN/Intensity									
		CV									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: ALT BRX FOL									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
84.50	89.59	Feature 1	PED41018	84.50	85.30	0.80	0.94	0.937	-	-	937.00
		Type	PED41019	85.30	86.00	0.70	0.90	0.899	-	-	899.00
		E1H High_titanium_basalt	PED41020	86.00	87.00	1.00	1.01	1.010	-	-	1013.00
		QLF: ALT VND MIN	PED41021	87.00	88.00	1.00	2.56	2.560	-	-	2562.00
		High-Ti Basalt: (Veined and Mineralized): Fine-gr, dark brownish-green, moderate breccia/ foliation fabric @ 50-55 tca defined by bio planes, with 10% fragmented / folded sil'd qtz-act str/vnlts which range in width from 0.5cm to 5 cms, (see oriented point data spreadsheet for complete detailed alpha-beta readings for veining). Mineralization varies throughout the unit from <1% up to 5% locally, consisting primarily as fine-gr dissem popy to infilling fractures within the altered Basalt, lower contact with Lamp Dyke sharp @ 55 tca.	PED41022	88.00	88.60	0.60	5.38	5.380	-	-	5384.00
			PED41024	88.60	89.60	1.00	3.72	3.720	-	-	3716.00
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
	84.50 - 84.60	Alpha: 40		Beta: 0							
		Type/GEN/Intensity		CA1: CA2:							
		CT									
	84.60 - 89.58	Alpha: 50		Beta: 0							
		Type/GEN/Intensity		CA1: CA2:							
		FLT2 2		50 55							
		Mineralization Maj. :		Type/GSZ%/HABIT		Comment					
	84.66 - 86.00	PY GS1 0.5 DIS									
	84.66 - 86.00	PO GS1 0.5 DIS									
	86.00 - 89.59	PY GS1 2 DIS									
	86.00 - 89.59	PO 3 DIS									
		Feature 2:									
		Type		Dyke	%	Thickness	Colour	Vein			
	V2A	Quartz_carb_actinolite_vein		<input type="checkbox"/>	10	0	WHT	F			



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)												
		QLF: ALT VND MIN																					
		Alteration : Type/Intensity/Texture AC 3 VND SIL 3 PRV																					
89.59	91.38	Feature 1																					
		<table border="0"> <thead> <tr> <th><i>Type</i></th> <th><i>Dyke</i></th> <th><i>%</i></th> <th><i>Thickness</i></th> <th><i>Colour</i></th> <th><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center">0</td> <td align="center">0</td> <td align="center">BLK</td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0	BLK										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0	BLK																			
		QLF: GS1 MAS HOM																					
		Lamp Dyke: Fine-grained, massive textured, weak fracturing (<1/m) @ 40 tca, sharp contacts @ 55-50 tca.																					
		Alteration : Type/Intensity/Texture AMP SIL BIO																					
		Structure:																					
		89.59 - 89.60 Alpha: 55 Beta: 0																					
		Type/GEN/Intensity CA1: CA2:																					
		CD																					
		91.37 - 91.38 Alpha: 50 Beta: 0																					
		Type/GEN/Intensity CA1: CA2:																					
		CD																					
91.38	93.00	Feature 1																					
		<table border="0"> <thead> <tr> <th><i>Type</i></th> <th><i>Dyke</i></th> <th><i>%</i></th> <th><i>Thickness</i></th> <th><i>Colour</i></th> <th><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td align="center"><input type="checkbox"/></td> <td align="center">90</td> <td align="center">0</td> <td align="center">BNM</td> <td align="center">F</td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E1H High_titanium_basalt	<input type="checkbox"/>	90	0	BNM	F	PED41025	91.38	92.00	0.62	2.93	2.930	-	-	2927.00
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
E1H High_titanium_basalt	<input type="checkbox"/>	90	0	BNM	F																		
			PED41026	92.00	93.00	1.00	2.28	2.280	-	-	2276.00												



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>		<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)																																			
		<p>QLF: ALT VND MIN</p> <p>High-Ti Basalt:(Veined and Mineralized): Fine-gr, dark brownish-green, moderate breccia/ foliation fabric @ 50-55 tca defined by bio planes, with 10% fragmented / folded sil'd qtz-act str/vnlts which range in width from 0.5cm to 5 cms, (see oriented point data spreadsheet for complete detailed alpha-beta readings for veining). Mineralization consisting primarily as fine-gr dissem po-py (1-2%). Lower contact with fragmented Bx fault vein @ 40 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td></tr> <tr><td>AC 2 VND</td></tr> <tr><td>SIL 3 PRV</td></tr> <tr><td>BIO 3 PRV</td></tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr><td>91.38 - 93.00</td><td>Alpha: 50</td><td>Beta: 0</td></tr> <tr><td></td><td>Type/GEN/Intensity</td><td>CA1: CA2:</td></tr> <tr><td></td><td>FLT2 2</td><td>50 55</td></tr> </table> <p>Mineralization Maj. :</p> <table style="margin-left: 20px;"> <tr><td>Type/GSZ%/HABIT</td><td>Comment</td></tr> <tr><td>91.38 - 93.00</td><td>PY GS1 1 DIS</td></tr> <tr><td>91.38 - 93.00</td><td>PO GS1 1 DIS</td></tr> </table> <p>Feature 2:</p> <table style="margin-left: 20px;"> <tr><td>Type</td><td>Dyke</td><td>%</td><td>Thickness</td><td>Colour</td><td>Vein</td></tr> <tr><td>V2A Quartz_carb_actinolite_vein</td><td><input type="checkbox"/></td><td>10</td><td>0</td><td>WHT</td><td>F</td></tr> </table> <p>QLF: ALT VND MIN</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td></tr> <tr><td>AC 2 VND</td></tr> <tr><td>SIL 3 PRV</td></tr> </table>	Type/Intensity/Texture	AC 2 VND	SIL 3 PRV	BIO 3 PRV	91.38 - 93.00	Alpha: 50	Beta: 0		Type/GEN/Intensity	CA1: CA2:		FLT2 2	50 55	Type/GSZ%/HABIT	Comment	91.38 - 93.00	PY GS1 1 DIS	91.38 - 93.00	PO GS1 1 DIS	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	10	0	WHT	F	Type/Intensity/Texture	AC 2 VND	SIL 3 PRV										
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Type	Dyke	%	Thickness	Colour	Vein																																									
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	10	0	WHT	F																																									
Type/Intensity/Texture																																														
AC 2 VND																																														
SIL 3 PRV																																														
93.00	93.40	Feature 1	PED41027	93.00	93.40	0.40		5.83	5.830	-	-	5830.00																																		



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		<p style="text-align: center;">Type</p> <p>V2A Quartz_carb_actinolite_vein</p> <p>QLF: MIN FRG</p> <p>Breccia Fault Vein: Strong pervasive silica-actinolite alteration, vein matrix consist of sil'd dark greyish-green qtz-act with 10% angular fragments of Basalt, fragments strongly silica-act altered. Veining is fragmented/folded @ 40 tca. Basalt host rock mineralized with 10% fine-gr dissemin po-py.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AC 2 VND</p> <p style="margin-left: 20px;">SIL 3 PRV</p> <p>Mineralization Maj. :</p> <p style="margin-left: 20px;">Type/GSZ%/HABIT</p> <p style="margin-left: 20px;">93.00 - 93.40 PY GS1 5 DIS</p> <p style="margin-left: 20px;">93.00 - 93.40 PO GS1 5 DIS</p>									
93.40	95.51	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT VND MIN</p> <p>High-Ti Basalt:(Veined and Mineralized): As above, with 5% fragmented / folded sil'd qtz-act str's which range in width from 0.5cm to 2 cms, (see oriented point data spreadsheet for complete detailed alpha-beta readings for veining). Mineralization consisting primarily as fine-gr dissemin po-py (1-2%) which locally increases up to 10%. Lower contact with Breccia Zone (mixture of Basalt and Komatiitic Basalt)</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">SIL 3 PRV</p> <p style="margin-left: 20px;">BIO 3 PRV</p> <p>Mineralization Maj. :</p> <p style="margin-left: 20px;">Type/GSZ%/HABIT</p> <p style="margin-left: 20px;">Comment</p>	PED41029	93.40	94.00	0.60	0.00	<0.005	-	-	5.00
			PED41030	94.00	94.50	0.50	0.00	<0.005	-	-	5.00
			PED41031	94.50	95.00	0.50	2.02	2.020	-	-	2024.00
			PED41032	95.00	95.50	0.50	0.00	<0.005	-	-	5.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	93.40 - 95.00	PY GS1 1 DIS									
	93.40 - 95.00	PO GS1 1 DIS									
	95.00 - 95.51	PY GS1 5 DIS									
	95.00 - 95.51	PO GS1 5 DIS									
	Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein				
	V2A	Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	WHT	S				
	QLF: ALT VND MIN										
	Alteration :										
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
95.51	97.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	E1H	High_titanium_basalt	<input type="checkbox"/>	80	0	BNM					
	QLF: BRX ALT DEFS										
	Breccia Zone:(Mixture of strongly deformed/ fragmented High-Ti Basalt and Komatiitic Basalt) Folded contorted fragments in a fine-grained silica-bio matrix. No preferred orientation of fragments, weak mineralization (<1% disseminated po-py). Breccia zone occurs at contact between High-Ti Basalt and Komatiitic Basalt. Sheared upper and lower contacts of both units @ 30 tca.										
	Alteration :										
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 3 PRV									
		BIO 3 PRV									
	Structure:										
	95.51 - 97.00	Alpha: 30	Beta: 0								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity FLT2 3									
		CA1: CA2: 30 32									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	☐	20	0	BNM					
		QLF: BRX ALT DEFS									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									
		BIO 2 PRV									
97.00	120.39	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	☐	90	0	GNM	C				
		QLF: ALT VND DEFS									
		Komatiitic Basalt: Fine-gr, dark greenish-grey, moderate to strong chl-talc alteration, massive textured to locally strongly fractured with a moderate foliation/shear fabric @ 50-60 (fracture surfaces typically have slickensides), 10% irregular grey qtz-carb (+/- serpentine) str/vnlts which are boudinaged/fragmented to highly contorted and irregular , no significant mineralization noted, lower contact with High-Ti Basalt sheared @ 55 tca.									
		Alteration :									
		Type/Intensity/Texture									
		SRP 1 VND									
		TLC 2 PCH									
		CHL 3 PRV									
		Structure:									
		101.00 - 103.00	Alpha: 55	Beta: 0							
		Type/GEN/Intensity	CA1:	CA2:							
		FRA 3	50	60							



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	112.00 - 115.00	Alpha: 50 Type/GEN/Intensity FRA 3 Beta: 0 CA1: 50 CA2: 55										
	Feature 2:											
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		V3 Quartz_carbonate vein	<input type="checkbox"/>	10	0	WHT	C					
	QLF: ALT VND DEFS											
	Alteration : Type/Intensity/Texture											
	SRP 1 VND											
120.39	120.90	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E1A Basalt	<input type="checkbox"/>	0	0							
	QLF: FLT ALT											
	Basalt: Fault bound block of Basalt within Komatiitic Basalt, faulted contacts @ 55-50 tca.											
	Alteration : Type/Intensity/Texture											
	AMP											
	SIL 2 PRV											
	BIO 1 LOC											
120.90	145.80	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GY	C					
								0.01	0.006	-	-	6.00
								0.00	<0.005	-	-	5.00
								0.43	0.427	-	-	427.00



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)																																				
		<p>QLF: ALT FRA MAS</p> <p>Komatiitic Basalt: Fine-gr, dark greenish-grey, moderate to strong chl-talc alteration, massive textured weak fracturing @ 20-30 tca (<1/m) and 40-60 tca (1-3/m), minor irregular grey qtz-carb (+/- serpentine) str/vnlts which are boudinaged/fragmented to highly contorted and irregular , no significant mineralization noted, lower contact with Qtz-Carb Vein @ 10 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>TLC 1 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table>	Type/Intensity/Texture		TLC 1 PCH		CHL 3 PRV																																								
Type/Intensity/Texture																																															
TLC 1 PCH																																															
CHL 3 PRV																																															
145.80	146.10	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;">□</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">M</td> </tr> </table> <p>QLF: ALT FRA</p> <p>Qtz-Carb Vein: Whitish-grey, 20 cm wide, weak silica-act alteration, sharp contacts @ 10-20 tca, not mineralized, fracturing @ 20 tca within vein.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>AC 1 VND</td> <td></td> </tr> <tr> <td>SIL 1 VND</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>145.80 - 145.85</td> <td>Alpha: 10</td> <td>Beta: 180</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CV</td> <td></td> </tr> <tr> <td>146.00 - 146.10</td> <td>Alpha: 20</td> <td>Beta: 180</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CV</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	□	0	0	WHT	M	Type/Intensity/Texture		AC 1 VND		SIL 1 VND		145.80 - 145.85	Alpha: 10	Beta: 180		Type/GEN/Intensity	CA1: CA2:		CV		146.00 - 146.10	Alpha: 20	Beta: 180		Type/GEN/Intensity	CA1: CA2:		CV		PED41040	145.60	146.10	0.50	0.00	<0.005	-	-	5.00
Type	Dyke	%	Thickness	Colour	Vein																																										
V3 Quartz_carbonate vein	□	0	0	WHT	M																																										
Type/Intensity/Texture																																															
AC 1 VND																																															
SIL 1 VND																																															
145.80 - 145.85	Alpha: 10	Beta: 180																																													
	Type/GEN/Intensity	CA1: CA2:																																													
	CV																																														
146.00 - 146.10	Alpha: 20	Beta: 180																																													
	Type/GEN/Intensity	CA1: CA2:																																													
	CV																																														



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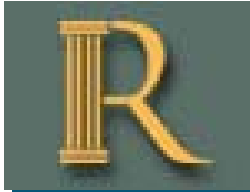
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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
146.10	153.00	Feature 1																		
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																	
		<p>QLF: ALT MAS</p> <p>Komatiitic Basalt: Fine-gr, dark greenish-grey, moderate chl-talc alteration, massive textured weak fracturing @ 40-60 tca (<1/m), no significant veining or mineralization noted, E.O.H. @ 153 m.</p>																		
		<p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>SIL 1 PCH</td> </tr> <tr> <td>TLC 1 PCH</td> </tr> <tr> <td>CHL 2 PRV</td> </tr> </table>										Type/Intensity/Texture	SIL 1 PCH	TLC 1 PCH	CHL 2 PRV					
Type/Intensity/Texture																				
SIL 1 PCH																				
TLC 1 PCH																				
CHL 2 PRV																				



DRILL HOLE REPORT

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 30.7	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -17.14	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 150	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 30-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 31-Mar-17				Surveyed: yes
Logged: 03-May-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10423.283	East: 448455.18
			North: 49983.046	North: 5663651.56
			Elev.: 5067.03	Elev.: 67.03
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	30.70	-17.14	C	<input checked="" type="checkbox"/>	
0.10	30.70	-17.14	Gyro	<input checked="" type="checkbox"/>	
5.10	30.47	-17.27	Gyro	<input checked="" type="checkbox"/>	
10.10	30.47	-17.43	Gyro	<input checked="" type="checkbox"/>	
12.00	26.20	-17.20	DeviShot	<input type="checkbox"/>	Replaced by gyro
15.10	30.62	-17.54	Gyro	<input checked="" type="checkbox"/>	
20.10	30.77	-17.73	Gyro	<input checked="" type="checkbox"/>	
25.10	30.84	-17.91	Gyro	<input checked="" type="checkbox"/>	
30.10	30.77	-18.18	Gyro	<input checked="" type="checkbox"/>	
35.10	30.87	-18.36	Gyro	<input checked="" type="checkbox"/>	
40.10	31.02	-18.47	Gyro	<input checked="" type="checkbox"/>	
45.10	31.11	-18.47	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
50.00	21.94	-17.25	DeviShot	<input type="checkbox"/>	No good; Replaced by gyro
50.10	31.20	-18.40	Gyro	<input checked="" type="checkbox"/>	
53.00	30.58	-18.33	DeviShot	<input type="checkbox"/>	Replaced by gyro
55.10	31.32	-18.44	Gyro	<input checked="" type="checkbox"/>	
60.10	31.54	-18.49	Gyro	<input checked="" type="checkbox"/>	
65.10	31.66	-18.57	Gyro	<input checked="" type="checkbox"/>	
70.10	31.74	-18.68	Gyro	<input checked="" type="checkbox"/>	
75.10	31.80	-18.71	Gyro	<input checked="" type="checkbox"/>	
80.10	31.78	-18.84	Gyro	<input checked="" type="checkbox"/>	
85.10	31.90	-19.06	Gyro	<input checked="" type="checkbox"/>	
90.10	31.97	-19.25	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-08

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
95.10	32.02	-19.39	Gyro	<input checked="" type="checkbox"/>	
100.10	32.06	-19.50	Gyro	<input checked="" type="checkbox"/>	
102.00	32.80	-19.60	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
105.10	32.08	-19.63	Gyro	<input checked="" type="checkbox"/>	
110.10	32.18	-19.67	Gyro	<input checked="" type="checkbox"/>	
115.10	32.20	-19.75	Gyro	<input checked="" type="checkbox"/>	
120.10	32.24	-19.83	Gyro	<input checked="" type="checkbox"/>	
125.10	32.37	-19.86	Gyro	<input checked="" type="checkbox"/>	
130.10	32.48	-19.89	Gyro	<input checked="" type="checkbox"/>	
135.10	32.56	-19.99	Gyro	<input checked="" type="checkbox"/>	
140.10	32.61	-19.96	Gyro	<input checked="" type="checkbox"/>	
150.00	33.71	-20.12	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT
- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
0.00	18.10	Feature 1	PED36132	7.40	8.20	0.80	0.02	0.019	-	-	19.00
		Type	PED36133	8.20	8.85	0.65	0.00	<0.005	-	-	5.00
		E0B Komatiitic_basalt	PED36134	8.85	9.55	0.70	0.00	<0.005	-	-	5.00
		QLF: ALT GS1 FOL	PED36135	17.50	18.10	0.60	0.00	<0.005	-	-	5.00
		Basaltic Komatiite; Med-Dark Green; VFG; Could be considered E0T; localized shearing 20 TCA; LCT 60 TCA									
		Alteration : <i>Type/Intensity/Texture</i> TLC 2 PRV									
		Feature 2:									
		Type									
		E0T Talc_rich_unit									
		QLF: ALT GS1 FOL									
		Alteration : <i>Type/Intensity/Texture</i> TLC 3 PRV									
18.10	19.55	Feature 1	PED36136	18.10	18.95	0.85	0.00	<0.005	-	-	5.00
		Type	PED36137	18.95	19.55	0.60	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit									
		QLF: SCH GS1									
		Talc Zone; Light-Dark Green; sheared/schistose fabric 20 TCA; LCT with V2A veining 45/285 TCA									
		Alteration : <i>Type/Intensity/Texture</i> TLC 3 PRV									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
19.55	20.70	Feature 1	PED36138	19.55	20.70	1.15	0.04	0.039	-	-	39.00
		<p>Type</p> <p>V2A Quartz_carb_actinolite_vein</p> <p>QLF: SCH</p> <p>Qtz Actinolite veining; banded veining at E0B/E0T contact; actinolite alteration of angular frags in brx veining; minor ribbons of Tourmaline; LCT 45 TCA</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>BIO</p>									
20.70	35.20	Feature 1	PED36139	20.70	21.40	0.70	0.03	0.030	-	-	30.00
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SCH GS1</p> <p>Talc Zone; Light-Dark Green; localized sheared/schistose fabric 25 TCA; LCT with V2A veining</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>TLC 3 PRV</p>	PED36140	21.40	22.00	0.60	0.00	<0.005	-	-	5.00
			PED36141	32.50	33.40	0.90	0.00	<0.005	-	-	5.00
			PED36142	33.40	34.40	1.00	0.01	0.007	-	-	7.00
			PED36143	34.40	35.20	0.80	0.09	0.092	-	-	20.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
35.20	37.70	Feature 1	PED36144	35.20	35.90	0.70	0.35	0.350	-	-	90.00
		<p style="text-align: center;"><i>Type</i></p> <p>V2A Quartz_carb_actinolite_vein</p> <p>QLF: BRX PLA</p> <p>Qtz Actinolite veining; banded veining with brx texture; angular frags of Actinolite-altered E0T within silicious groundmass; barren; LCT with E1H 45 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;"><i>Type/Intensity/Texture</i></p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">SIL 3 PRV</p> <p style="margin-left: 20px;">AC 3 LOC</p>	PED36145	35.90	36.40	0.50	0.41	0.413	-	-	519.00
		<p style="text-align: center;"><i>Dyke</i> <i>%</i> <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p style="margin-left: 20px;">□ 0 0</p>	PED36146	36.40	36.90	0.50	0.10	0.097	-	-	293.00
			PED36147	36.90	37.45	0.55	0.21	0.206	-	-	92.00
			PED36148	37.45	37.70	0.25	1.92	1.920	-	-	212.00
37.70	38.40	Feature 1	PED36150	37.70	38.40	0.70	0.83	0.834	-	-	3264.00
		<p style="text-align: center;"><i>Type</i></p> <p>E1H High_titanium_basalt</p> <p>QLF: GS1 BRX PLA</p> <p>Hi Ti Basalt; Dark Brown/Green; VFG; 3--5% 2-4mm Qtz actinolite stringers 60/265TCA; trace sulphides assoc w/ bkgrd veining; LCT with V2S 55/265 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;"><i>Type/Intensity/Texture</i></p> <p style="margin-left: 20px;">SIL 2 PRV</p> <p style="margin-left: 20px;">AC 1 LOC</p>									
		<p style="text-align: center;"><i>Dyke</i> <i>%</i> <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p style="margin-left: 20px;">□ 0 0</p>									
38.40	38.65	Feature 1	PED36151	38.40	38.65	0.25	1.72	1.720	-	-	3517.00
		<p style="text-align: center;"><i>Type</i></p> <p style="text-align: center;"><i>Dyke</i> <i>%</i> <i>Thickness</i> <i>Colour</i> <i>Vein</i></p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		V2S Quartz_vein_with_sulphides <input type="checkbox"/> 0 0 QLF: BRX PLA MIN Smokey Qtz vein; Strong brx texture with angular frags of E1H in silicious groundmass; strong (20%) Py/Po mineralization of fragments; LCT 55/275 Structure: 38.40 - 38.65 Alpha: 55 Beta: 270 Type/GEN/Intensity CA1: CA2: V2 4 55 55 Mineralization Maj. : Type/GSZ%/HABIT Comment 38.40 - 38.65 PO GS1 10 DIS Strong Sulphide mineralization of altered E1H frags in brx qtz vein 38.40 - 38.65 PY GS1 20 DIS Strong Sulphide mineralization of altered E1H frags in brx qtz vein									
38.65	39.00	Feature 1	PED36152	38.65	39.00	0.35	0.66	0.663	-	-	644.00
		E1H High_titanium_basalt <input type="checkbox"/> 98 QLF: GS1 FOL Hi Ti Basalt; Dark Brown/Green; VFG; 1-2% 2-4 mm Qtz actinolite stringers 60/265TCA; trace sulphides assoc w/ bkgrd veining; LCT with V2S 45/290 TCA Alteration : Type/Intensity/Texture BIO 2 PRV Feature 2: V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 2 0									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: GS1 FOL</p> <p>Alteration : Type/Intensity/Texture AC 2 PRV</p>									
39.00	39.40	Feature 1	PED36153	39.00	39.40	0.40	2.09	2.090	-	-	2128.00
		<p style="text-align: center;">Type</p> <p>V2S Quartz_vein_with_sulphides <input type="checkbox"/> % Thickness Colour Vein</p> <p>QLF: BRX PLA</p> <p>Smokey Qtz vein; Brx texture with angular frags of E1H in silicious groundmass; 10% Py/Po mineralization of fragments; LCT 50/240</p> <p>Alteration : Type/Intensity/Texture SIL 3 PRV</p> <p>Structure: 39.00 - 39.40 Alpha: 50 Beta: 250 Type/GEN/Intensity CA1: CA2: V2 3 45 50</p> <p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>39.00 - 39.40 PO GS1 3 DIS Sulphide mineralization of altered E1H frags in brx qtz vein</p> <p>39.00 - 39.40 PY GS1 7 DIS Sulphide mineralization of altered E1H frags in brx qtz vein</p>									
39.40	41.20	Feature 1	PED36154	39.40	40.15	0.75	0.50	0.504	-	-	386.00
		<p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt <input type="checkbox"/> % Thickness Colour Vein</p> <p>QLF: GS1 FOL</p>	PED36155	40.15	40.70	0.55	4.67	4.670	-	-	4730.00
			PED36156	40.70	41.20	0.50	1.67	1.670	-	-	1682.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		Hi Ti Basalt; Dark Brown/Green; VFG; 5% 5-10 mm Qtz actinolite stringers 60/265TCA; trace sulphides assoc w/ bkgrd veining; LCT with V2A 30/220 TCA																		
		Alteration : Type/Intensity/Texture BIO 2 PRV																		
		Structure: 40.15 - 40.70 Alpha: 40 Beta: 285 Type/GEN/Intensity CA1: CA2: V2 3 25 45																		
		Mineralization Maj. : Type/GSZ%/HABIT Comment 40.00 - 41.20 PY GS1 2 DIS Sulphides assoc w/ bkgrd veinlets 40.00 - 41.20 PO GS1 3 DIS Sulphides assoc w/ bkgrd veinlets																		
		Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS1 FOL	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0								
Type	Dyke	%	Thickness	Colour	Vein															
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0																	
41.20	43.20	Feature 1	PED36157	41.20	41.45	0.25	1.54	1.540	-	-	1341.0C									
		Type	PED36158	41.45	41.75	0.30	0.84	0.838	-	-	681.00									
		V2A Quartz_carb_actinolite_vein	PED36159	41.75	42.20	0.45	1.41	1.410	-	-	1319.0C									
		QLF: BRX VND	PED36160	42.20	42.80	0.60	1.29	1.290	-	-	1358.0C									
		Qtz-Actinolite veining; brx with minor host rock frags; combination of planar brx veins and extension veining; actinolite altered contacts and fragments; minor sulphides predominantly in host rock	PED36162	42.80	43.20	0.40	0.81	0.807	-	-	1324.0C									
		Alteration : Type/Intensity/Texture AMP																		



LITHOLOGY REPORT
- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		AC 2 LOC SIL 3 PRV									
Structure:											
41.20 - 43.20		Alpha: 35 Type/GEN/Intensity V2 2									
		Beta: 230 CA1: CA2: 35 35									
Mineralization Maj. : Type/GSZ%/HABIT											
41.20 - 43.20		PY GS1 2 DIS									
		Comment Sulphides predominantly in host rock adjacent to v2a contacts									
41.20 - 43.20		PO GS1 3									
		Comment Sulphides predominantly in host rock adjacent to v2a contacts									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
E1H		High_titanium_basalt	<input type="checkbox"/>	40	0						
QLF:	BRX VND										
43.20	44.15	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
E1H		High_titanium_basalt	<input type="checkbox"/>	0	0						
QLF:	GS1 FOL										
		Hi Ti Basalt; Dark Brown/Green; VFG; 2-3% 2-4 mm Qtz actinolite stringers 50/210TCA; trace sulphides assoc w/ bkgd veining; LCT with V2A 45/225 TCA									
		Alteration :	Type/Intensity/Texture								
		BIO 2 PRV									
Mineralization Maj. : Type/GSZ%/HABIT											
		Comment									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology				Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	43.75 - 44.15	PY	GS1	1.5	DIS									
	43.75 - 44.15	PO	GS1	1.5	DIS									
44.15	44.90	Feature 1				PED36165	44.15	44.35	0.20	1.11	1.110	-	-	946.00
		Type	Dyke	%	Thickness	Colour	Vein							
		V2A	Quartz_carb_actinolite_vein	□	75	0				1.03	1.030	-	-	1131.00
		QLF: BRK PLA FRA												
		Qtz-Actinolite veining; brx with minor host rock frags; combination of planar brx veins and extension veining; actinolite altered contacts and fragments; minor sulphides predominantly in host rock; LCT 20/175 TCA												
		Alteration :												
		Type/Intensity/Texture												
		AC 2 LOC												
		SIL 3 PRV												
		Structure:												
	44.15 - 44.35	Alpha: 45			Beta: 230									
		Type/GEN/Intensity			CA1: CA2:									
		V2 3			45 45									
	44.35 - 44.91	Alpha: 20			Beta: 175									
		Type/GEN/Intensity			CA1: CA2:									
		V2 3			2 20									
		Mineralization Maj. : Type/GSZ%/HABIT												
	44.15 - 44.90	PY	GS1	2	DIS	Comment								
		Dism sulphides in E1H adjacent to Brx and extension veinlets												
	44.15 - 44.90	PO	GS1	3	DIS	Comment								
		Dism sulphides in E1H adjacent to Brx and extension veinlets												
		Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein							



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E1H <i>High_titanium_basalt</i> QLF: BRK PLA FRA									
44.90	45.40	Feature 1	PED36167	44.90	45.40	0.50	2.76	2.760	-	-	867.00
		Type									
		E1H <i>High_titanium_basalt</i> QLF: GS1 FOL									
		Hi Ti Basalt; Dark Brown/Green; VFG; 2-3% 2-4 mm Qtz actinolite stringers 65/250TCA; trace sulphides assoc w/ bkgd veining; LCT with V2A 40/210 TCA									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		44.90 - 45.40 PY GS1 1 DIS									
		44.90 - 45.40 PO GS1 1.5 DIS									
			Comment								
			Dism sulphides in E1H adjacent to background veinlets								
			Dism sulphides in E1H adjacent to background veinlets								
		Feature 2:									
		Type									
		V2A <i>Quartz_carb_actinolite_vein</i> QLF: GS1 FOL									
			Dyke								
			%								
			Thickness								
			Colour								
			Vein								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
45.40	47.20	Feature 1	PED36168	45.40	45.60	0.20	2.56	2.560	-	-	2558.00
		Type	PED36169	45.60	46.10	0.50	1.46	1.460	-	-	1463.00
		V2A Quartz_carb_actinolite_vein	PED36170	46.10	46.55	0.45	4.47	4.470	-	-	4471.00
		QLF: BRK PLA MIN	PED36171	46.55	47.20	0.65	1.58	1.580	-	-	1577.00
		Qtz-Actinolite veining; brx with host rock frags; combination of planar brx veins and extension veining; actinolite altered contacts and fragments; minor sulphides predominantly in host rock									
		Alteration :	Type/Intensity/Texture								
			AMP								
			AC 2 LOC								
			SIL 3 PRV								
		Structure:									
		45.40 - 45.60	Alpha: 40	Beta: 210							
			Type/GEN/Intensity	CA1:	CA2:						
			V2 3	40	55						
		45.60 - 46.10	Alpha: 5	Beta: 300							
			Type/GEN/Intensity	CA1:	CA2:						
			V2 3	5	15						
		46.55 - 47.20	Alpha: 30	Beta: 205							
			Type/GEN/Intensity	CA1:	CA2:						
			V2 2	15	30						
		Mineralization Maj. :	Type/GSZ%/HABIT		Comment						
		45.40 - 45.55	PY GS1 1 DIS	Dism sulphides in E1H adjacent to Brx and extension veinlets							
		45.40 - 45.55	PO GS1 3 DIS	Dism sulphides in E1H adjacent to Brx and extension veinlets							
		45.55 - 47.20	PY GS1 2 DIS	Dism sulphides in E1H adjacent to Brx and extension veinlets							
		45.55 - 47.20	PO GS1 4 DIS	Dism sulphides in E1H adjacent to Brx and extension veinlets							



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Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	40	0						
		QLF: BRK PLA MIN									
47.20	48.50	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	95	0						
		QLF: GS1 FOL									
		Hi Ti Basalt; Dark Brown/Green; VFG; 4-5% 2-4 mm Qtz actinolite stringers 55/280TCA; trace sulphides assoc w/ bkgrd veining; LCT with V2A 15/245 TCA									
		Alteration :	Type/Intensity/Texture								
			BIO 2 PRV								
		Mineralization Maj. :	Type/GSZ%/HABIT				Comment				
		47.20 - 48.50	PY GS1 1 DIS				Dism sulphides in E1H adjacent to Brx and extension veinlets				
		47.20 - 48.50	PO GS1 3 DIS				Dism sulphides in E1H adjacent to Brx and extension veinlets				
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A <i>Quartz_carb_actinolite_vein</i>	<input type="checkbox"/>	5	0						
		QLF: GS1 FOL									
		Alteration :	Type/Intensity/Texture								
			AC 2 PRV								



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Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
48.50	51.10	Feature 1	PED36174	48.50	49.30	0.80	0.52	0.518	-	-	518.00
		Type	PED36175	49.30	50.10	0.80	0.87	0.870	-	-	870.00
		V2A Quartz_carb_actinolite_vein	PED36177	50.10	51.10	1.00	4.01	4.010	-	-	4006.00
		QLF: BRX FRA									
		Qtz-Actinolite veining; combination of planar brx veins and extension veining; actinolite altered contacts and fragments; minor sulphides predominantly in host rock									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 LOC									
		SIL 3 PRV									
		Structure:									
	48.50 - 51.10	Alpha: 35	Beta: 310								
		Type/GEN/Intensity	CA1:	CA2:							
		V2 2	15	35							
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	48.50 - 51.10	PY GS1 2 DIS	Dism sulphides in E1H adjacent to Brx and extension veinlets								
	48.50 - 51.10	PO GS1 3 DIS	Dism sulphides in E1H adjacent to Brx and extension veinlets								
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	<input type="checkbox"/>	20	0						
		QLF: BRX FRA									
51.10	51.65	Feature 1	PED36178	51.10	51.65	0.55	2.80	2.800	-	-	2803.00



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
		Type E1H High_titanium_basalt QLF: GS1 FOL Hi Ti Basalt; Dark Brown/Green; VFG; 4-5% mod foliation 55/315 TCA; trace sulphides assoc w/ bkgrd veining; LCT with R5 Shear zone 60/250 TCA Alteration : Type/Intensity/Texture AC 1 LOC BIO 2 PRV Mineralization Maj. : Type/GSZ%/HABIT Comment 51.10 - 51.65 PY GS1 1 DIS Dism sulphides in E1H adjacent to Brx and extension veinlets 51.10 - 51.65 PO GS1 3 DIS Dism sulphides in E1H adjacent to Brx and extension veinlets									
51.65	54.00	Feature 1	PED36179	51.65	52.40	0.75	4.45	4.450	-	-	4449.00
		Type R5 Sulphides QLF: SHD PLA Shear Zone with R5 Py/Po replacement; banded planar shearing with up to 30% blebs of Py and Po; Shearing and Min intensity increasing downhole towards rubbled LCT with V2a Alteration : Type/Intensity/Texture AC 1 PRV BIO 2 PRV Structure: 51.65 - 54.00 Alpha: 60 Beta: 155 Type/GEN/Intensity CA1: CA2: SHD 2 60 60	PED36180	52.40	52.90	0.50	2.65	2.650	-	-	2652.00
			PED36181	52.90	53.40	0.50	3.17	3.170	-	-	3170.00
			PED36182	53.40	54.00	0.60	3.11	3.110	-	-	3110.00



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Mineralization Maj. : Type/GSZ%/HABIT					Comment					
51.65	52.40	PY GS1 5 DIS					R5 replacement of shear zone in E1H; Shearing/Min increasing downhole towards E1H/E0B contact					
51.65	52.40	PO GS1 10 DIS					R5 replacement of shear zone in E1H; Shearing/Min increasing downhole towards E1H/E0B contact					
52.40	54.00	PO GS1 10					R5 replacement of shear zone in E1H; Shearing/Min increasing downhole towards E1H/E0B contact					
52.40	54.00	PY GS2 25 BLB					R5 replacement of shear zone in E1H; Shearing/Min increasing downhole towards E1H/E0B contact					
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
E1H	High_titanium_basalt		<input type="checkbox"/>	20	0							
QLF:		SHD PLA										
54.00	56.40	Feature 1		PED36184	54.00	54.65	0.65	0.00	<0.005	-	-	5.00
		Type	Dyke	%	Thickness	Colour	Vein					
V2A	Quartz_carb_actinolite_vein		<input type="checkbox"/>	40	0							
QLF:		PLA BAN BRK										
		Qtz actinolite veining in BK; Creamy qtz veins in light-med green; Banded Veining 50 TCA; veining dissipates downhole away from contact										
		PED36185	54.65	55.05	0.40	3.65	3.650	-	-	-	3652.00	
		PED36186	55.05	55.40	0.35	1.33	1.330	-	-	-	1335.00	
		PED36187	55.40	55.70	0.30	0.19	0.191	-	-	-	191.00	
		PED36188	55.70	56.00	0.30	2.56	2.560	-	-	-	2560.00	
		PED36189	56.00	56.40	0.40	0.22	0.219	-	-	-	219.00	
Alteration :												
		Type/Intensity/Texture										
		AMP										
		SIL										



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		BIO									
		Structure:									
	54.00 - 56.40	Alpha: 60 <i>Type/GEN/Intensity</i> V2 2									
		Beta: 0 <i>CA1: CA2:</i> 40 60									
		Feature 2:									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	60	0						
		<i>QLF:</i> PLA BAN BRK									
56.40	60.25	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0						
		<i>QLF:</i> SHD FOL GS1									
		Basaltic Komatiite; Light-Dark green; strong fol/shear fabric 25/100 TCA; LCT with E1H 20/90 TCA									
			PED36190	56.40	56.80	0.40	0.05	0.045	-	-	45.00
			PED36191	56.80	57.80	1.00	0.65	0.645	-	-	645.00
			PED36192	57.80	58.50	0.70	0.19	0.189	-	-	189.00
			PED36193	58.50	59.10	0.60	0.08	0.077	-	-	77.00
			PED36194	59.10	59.70	0.60	0.03	0.033	-	-	33.00
			PED36195	59.70	60.25	0.55	0.44	0.439	-	-	439.00



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Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA				
							Au (ppm)	Au (ppm)	Au (ppm)	MS (ppm)	FAA (ppb)
60.25	73.85	Feature 1	PED36196	60.25	60.70	0.45	0.39	0.388	-	-	388.00
		Type	PED36197	60.70	61.00	0.30	0.69	0.685	-	-	685.00
		E1H High_titanium_basalt	PED36198	61.00	61.50	0.50	0.22	0.216	-	-	216.00
		QLF: GS1 FOL	PED36199	61.50	61.95	0.45	3.06	3.060	-	-	3062.00
		Hi Ti Basalt; Dark brown; VF-FG; minor brecciation dissipating towards dowhole; LCT with E0T 50/265 TCA	PED36200	61.95	62.35	0.40	4.72	4.720	-	-	4722.00
			PED36201	62.35	63.20	0.85	4.67	4.670	-	-	4673.00
		Alteration : Type/Intensity/Texture	PED36202	63.20	63.55	0.35	2.19	2.190	-	-	2191.00
		BIO 2 PRV	PED36203	63.55	63.95	0.40	1.89	1.890	-	-	1892.00
		Structure:	PED36204	63.95	64.50	0.55	2.67	2.670	-	-	2674.00
		61.50 - 64.95 Alpha: 50 Beta: 235	PED36206	64.50	64.95	0.45	2.22	2.220	-	-	2216.00
		Type/GEN/Intensity	PED36207	64.95	65.60	0.65	0.30	0.296	-	-	296.00
		FLT2 3 CA1: 15 CA2: 60	PED36208	65.60	66.30	0.70	0.36	0.357	-	-	357.00
		Mineralization Maj. : Type/GSZ%/HABIT	PED36209	66.30	66.80	0.50	0.13	0.134	-	-	134.00
		60.25 - 61.50 PY GS1 1 DIS	PED36210	66.80	67.60	0.80	0.01	0.012	-	-	12.00
		60.25 - 61.50 PO GS1 2 DIS	PED36211	67.60	68.10	0.50	0.19	0.187	-	-	187.00
		61.50 - 64.95 PO GS1 5 DIS	PED36212	68.10	69.00	0.90	0.71	0.710	-	-	710.00
			PED36213	69.00	69.45	0.45	0.15	0.148	-	-	148.00
		61.50 - 64.95 PY GS1 10 DIS	PED36214	69.45	70.45	1.00	0.33	0.333	-	-	333.00
			PED36215	70.45	71.25	0.80	0.27	0.265	-	-	265.00
		64.95 - 66.80 PY GS1 1 DIS	PED36216	71.25	72.25	1.00	0.15	0.150	-	-	150.00
		64.95 - 66.80 PO GS1 1 DIS	PED36217	72.25	73.20	0.95	0.05	0.053	-	-	53.00
		66.80 - 67.60 MT GS1 10 BAN	PED36218	73.20	73.65	0.45	0.81	0.810	-	-	810.00
		67.60 - 73.85 PY GS1 1 DIS	PED36220	73.65	73.85	0.20	0.48	0.476	-	-	476.00
73.85	91.15	Feature 1	PED36221	73.85	74.30	0.45	0.06	0.063	-	-	63.00
		Type	PED36222	74.30	75.30	1.00	0.09	0.089	-	-	89.00
		E0T Talc_rich_unit									
		QLF: SCH GS1									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Talc Zone; Light-Dark Green with creamy talcose stringers; localized sheared/schistose fabric 65 TCA; LCT with Dyke70 TCA										
		Alteration : Type/Intensity/Texture TLC 3 PRV										
91.15	91.30	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0							
		QLF: GS1										
		Lamp Dyke; Black-Dark Green; aphanitic-VFG: massive; mod carb content and magnetism; LCT with E0T 70 TCA										
		Alteration : Type/Intensity/Texture CB 2 PRV BIO 2 PRV										
91.30	98.85	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0							
		QLF: SCH										
		Talc Zone; Light-Dark Green with creamy talcose stringers; localized sheared/schistose fabric 50 TCA; Talc alteration dissipates downhole grading into E0B										
		Alteration : Type/Intensity/Texture TLC 3 PRV										



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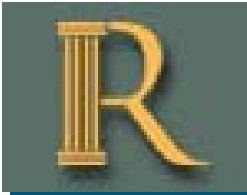
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Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)												
98.85	104.35	Feature 1																				
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">70</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GSO MAG</p> <p>Basaltic Komatiite; Talc altered (could be considered E0T); Med Blue Green; Aphanitic-VFG; becoming rubbled downhole towards fault zone</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	70	0										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																	
E0B Komatiitic_basalt	<input type="checkbox"/>	70	0																			
		Feature 2:																				
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">30</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GSO MAG</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0T Talc_rich_unit	<input type="checkbox"/>	30	0										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																	
E0T Talc_rich_unit	<input type="checkbox"/>	30	0																			
104.35	105.00	Feature 1																				
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>ZLC Lost_core</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF:</p> <p>Lost core; rubbled rock adjacent</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	ZLC Lost_core	<input type="checkbox"/>	0	0										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																	
ZLC Lost_core	<input type="checkbox"/>	0	0																			



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Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
105.00	120.85	Feature 1	PED36223	105.50	106.50	1.00	0.00	<0.005	-	-	5.00
		Type	PED36224	106.50	107.25	0.75	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit	PED36226	107.25	108.00	0.75	0.01	0.008	-	-	8.00
		QLF: SCH ALT FLT	PED36227	108.00	109.00	1.00	0.00	<0.005	-	-	5.00
		Talc; continuation of adjacent E0B units; with higher talc alt assoc w/ faulting									
		Alteration :	Type/Intensity/Texture								
			AMP								
			TLC 3 BAN								
		Structure:									
	105.00 - 108.00	Alpha: 5	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FLT 3	3 7								
	108.00 - 120.85	Alpha: 40	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FLT 2	20 50								
		Feature 2:									
		Type	Dyke % Thickness Colour Vein								
		SHD Shear_zone	<input type="checkbox"/> 0 0								
		QLF: SCH ALT FLT									
120.85	136.60	Feature 1									
		Type	Dyke % Thickness Colour Vein								
		E0B Komatiitic_basalt	<input type="checkbox"/> 70 0								
		QLF:									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

Basaltic Komatiite; Talc altered (could be considered E0T); Med Blue Green; Aphanitic-VFG; Fractures 20 TCA; LCT with LAMP is 55

Alteration : *Type/Intensity/Texture*
 TLC 2 PRV

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0T <i>Talc_rich_unit</i>	☐	30	0		

QLF:

Alteration : *Type/Intensity/Texture*
 TLC 3 PRV

136.60 137.75 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I0E <i>Lamprophyre</i>	☐	0	0		

QLF: GS1

Lamp Dyke; Black to Dark Green Grey; FG; massive biotite alteration in silicious groundmass near centre of dyke; chilled aphanitic contacts; low carb content; weakly magnetic

Alteration : *Type/Intensity/Texture*
 AMP
 SIL 1 PRV
 BIO 2 PRV



LITHOLOGY REPORT

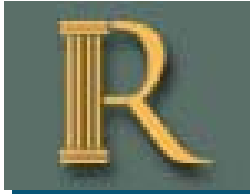
- Detailed -

Hole Number **305-17-08**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
137.75	150.00	Feature 1	PED36228	144.00	145.00	1.00	0.00	<0.005	-	-	5.00
		<i>Type</i>	PED36229	145.00	146.00	1.00	0.01	0.008	-	-	8.00
		E0B Komatiitic_basalt	PED36230	146.00	147.00	1.00	0.00	<0.005	-	-	5.00
		QLF:	PED36231	147.00	147.90	0.90	0.00	<0.005	-	-	5.00
		Basaltic Komatiite; Talc altered (could be considered E0T); Med Blue Green; Aphanitic-VFG; Fractures 20 TCA; EOH	PED36232	147.90	149.15	1.25	0.00	<0.005	-	-	5.00
			PED36233	149.15	150.00	0.85	0.00	<0.005	-	-	5.00
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		AMP									
		SIL									
		BIO									
		Structure:									
	147.90 - 150.00	Alpha: 3									
		<i>Type/GEN/Intensity</i>									
		FLT 3	Beta: 0								
			<i>CA1: CA2:</i>								
			3 7								



DRILL HOLE REPORT

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 32.54	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: 15.28	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 120	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 31-Mar-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 02-Apr-17				Surveyed: yes
Logged: 24-Apr-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10423.23	East: 448455.07
			North: 49982.943	North: 5663651.52
			Elev.: 5068.234	Elev.: 68.23
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	32.54	15.28	C	<input checked="" type="checkbox"/>	
0.10	32.53	15.29	Gyro	<input checked="" type="checkbox"/>	
5.10	32.66	15.08	Gyro	<input checked="" type="checkbox"/>	
6.00	31.40	14.40	DeviSh ot	<input type="checkbox"/>	No good; Replaced by gyro
10.10	32.63	14.89	Gyro	<input checked="" type="checkbox"/>	
12.00	37.86	14.77	DeviSh ot	<input type="checkbox"/>	No good; Replaced by gyro
15.00	32.60	14.54	DeviSh ot	<input type="checkbox"/>	No good; Replaced by gyro
15.10	32.64	14.74	Gyro	<input checked="" type="checkbox"/>	
20.10	32.47	14.39	Gyro	<input checked="" type="checkbox"/>	
25.10	32.46	14.24	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
27.00	28.90	13.90	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
30.10	32.35	14.23	Gyro	<input checked="" type="checkbox"/>	
35.10	32.42	14.18	Gyro	<input checked="" type="checkbox"/>	
40.10	32.49	14.04	Gyro	<input checked="" type="checkbox"/>	
45.10	32.58	13.96	Gyro	<input checked="" type="checkbox"/>	
50.10	32.69	13.90	Gyro	<input checked="" type="checkbox"/>	
51.00	32.40	13.50	DeviSh ot	<input type="checkbox"/>	No good; Replaced by gyro
55.10	32.71	13.71	Gyro	<input checked="" type="checkbox"/>	
100.00	29.89	12.24	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
120.00	33.49	11.46	DeviSh ot	<input type="checkbox"/>	No good; Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
0.00	29.10	Feature 1	PED36001	14.25	15.25	1.00	0.00	<0.005	-	-	5.00
		Type	PED36002	15.25	16.00	0.75	0.03	0.030	-	-	30.00
		E0T Talc_rich_unit	PED36003	16.00	17.00	1.00	0.01	0.010	-	-	10.00
		QLF: SHD FOL GS1	PED36004	17.00	17.55	0.55	0.28	0.275	-	-	275.00
		Talc Zone; VFG; light-dark green with lt grey-creamy white stringers; chaotic 5-7% background veining assoc w/ mod talc alteration; LCT gradational into E1H 20 TCA	PED36005	17.55	18.30	0.75	0.01	0.012	-	-	12.00
			PED36006	18.30	19.20	0.90	0.01	0.012	-	-	12.00
			PED36007	19.20	20.00	0.80	0.01	0.007	-	-	7.00
			PED36008	20.00	20.80	0.80	0.03	0.026	-	-	26.00
			PED36009	20.80	21.60	0.80	0.01	0.008	-	-	8.00
			PED36010	21.60	22.50	0.90	0.02	0.019	-	-	19.00
			PED36011	22.50	23.50	1.00	0.02	0.015	-	-	15.00
			PED36012	23.50	24.50	1.00	0.00	<0.005	-	-	5.00
			PED36013	24.50	25.40	0.90	0.02	0.015	-	-	15.00
			PED36014	25.40	26.20	0.80	0.01	0.008	-	-	8.00
			PED36015	26.20	27.00	0.80	0.01	0.006	-	-	6.00
			PED36016	27.00	27.30	0.30	0.05	0.050	-	-	50.00
			PED36017	27.30	28.10	0.80	0.16	0.159	-	-	159.00
			PED36018	28.10	29.10	1.00	0.02	0.020	-	-	20.00
29.10	44.00	Feature 1	PED36019	29.10	29.70	0.60	0.14	0.142	-	-	142.00
			PED36021	29.70	30.70	1.00	0.26	0.259	-	-	259.00
			PED36022	30.70	31.70	1.00	0.23	0.226	-	-	226.00
			PED36023	31.70	32.70	1.00	0.22	0.218	-	-	218.00
			PED36024	32.70	33.10	0.40	0.57	0.568	-	-	568.00
			PED36025	33.10	33.60	0.50	0.36	0.360	-	-	360.00
			PED36026	33.60	34.30	0.70	0.30	0.297	-	-	297.00
			PED36027	34.30	35.00	0.70	0.69	0.693	-	-	693.00
			PED36028	35.00	35.60	0.60	0.49	0.490	-	-	490.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO	PED36029	35.60	36.00	0.40	1.90	1.900	-	-	1898.00
			PED36030	36.00	36.20	0.20	2.66	2.660	-	-	2663.00
		Structure:	PED36031	36.20	36.50	0.30	1.11	1.110	-	-	1115.00
33.60 - 35.00	Alpha: 35	Beta: 0	PED36032	36.50	36.95	0.45	4.71	4.710	-	-	4711.00
	Type/GEN/Intensity	CA1: CA2:	PED36033	36.95	37.75	0.80	1.69	1.690	-	-	1690.00
	V2 3	35 40	PED36034	37.75	38.65	0.90	2.56	2.560	-	-	2559.00
35.70 - 36.00	Alpha: 40	Beta: 0	PED36035	38.65	38.95	0.30	0.70	0.700	-	-	700.00
	Type/GEN/Intensity	CA1: CA2:	PED36036	38.95	39.50	0.55	4.00	4.000	-	-	3998.00
	V2 3	40 40	PED36037	39.50	40.40	0.90	1.70	1.700	-	-	1702.00
36.20 - 36.95	Alpha: 30	Beta: 230	PED36038	40.40	41.40	1.00	1.40	1.400	-	-	1401.00
	Type/GEN/Intensity	CA1: CA2:	PED36039	41.40	42.15	0.75	0.32	0.320	-	-	320.00
	V2 3	30 30	PED36040	42.15	42.80	0.65	0.70	0.703	-	-	703.00
	Mineralization Maj. : Type/GSZ%/HABIT	Comment	PED36041	42.80	43.50	0.70	0.82	0.815	-	-	815.00
34.30 - 35.00	PY GS1 1 DIS		PED36042	43.50	44.00	0.50	1.27	1.270	-	-	1265.00
34.30 - 35.00	PO GS1 3 DIS										
35.70 - 36.00	PY GS1 1 DIS										
35.70 - 36.00	PO GS1 3 DIS										
36.00 - 36.20	PY GS1 1 DIS										
36.00 - 36.20	PO GS1 3 DIS										
36.20 - 36.50	PY GS1 1 DIS										
36.20 - 36.50	PO GS1 3 DIS										
36.50 - 36.95	PO GS1 2 DIS	FG dism sulphides on angular fragments in brx qtz vein									
36.50 - 36.95	PY GS1 2.5 DIS	FG dism sulphides on angular fragments in brx qtz vein									
36.95 - 42.80	PO GS1 2 DIS										
36.95 - 42.80	PY GS1 3 DIS										
42.80 - 44.00	PO GS1 4 DIS	Mineralization increazing towards CT w/ brecciated vein									
42.80 - 44.00	PY GS1 6 DIS	Mineralization increazing towards CT w/ brecciated vein									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	7	0	N					
		QLF: FOL GS1									
44.00	45.80	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0						
		QLF: FRG BRX MIN									
		Brecciated Qtz vein; creamy white quartz hosting very angular .5- 5 cm fragments of actinolite-altered E1H; Fragments strongly Py/Po mineralized up to 15% of total core; LCT sharp 50 TCA									
		Visible Gold :	SampleID/Grainsize/Style								
			PED36046 1-2mm Fleck								
		Alteration :	Type/Intensity/Texture								
			SIL 4 PRV								
			AC 2 HAL								
		Structure:									
		44.00 - 45.80	Alpha: 50	Beta: 235							
			Type/GEN/Intensity		CA1:	CA2:					
			V2 4	50	50						
		Mineralization Maj. :	Type/GSZ%/HABIT				Comment				
		44.00 - 45.80	PO	GS1	6	DIS	Strong Mineralization of Angular Fragments hosted in qtz fluids				
		44.00 - 45.80	PY	GS1	10	DIS	Strong Mineralization of Angular Fragments hosted in qtz fluids				



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
45.80	50.75	Feature 1	PED36048	45.80	46.50	0.70	1.40	1.400	-	-	1401.00
		Type	PED36049	46.50	47.50	1.00	0.05	0.045	-	-	45.00
		E1H High_titanium_basalt	PED36050	47.50	48.40	0.90	0.09	0.091	-	-	91.00
		QLF: GS1 FOL	PED36051	48.40	48.90	0.50	1.99	1.990	-	-	1986.00
		Hi Ti Basalt; Aphanitic to VFG; Dark brown to black; 5% med-dark green V2A veining; pervasive bio alteration // to fol; LCT defined by vein 30 TCA	PED36052	48.90	49.30	0.40	0.66	0.657	-	-	657.00
			PED36053	49.30	50.05	0.75	1.68	1.680	-	-	1675.00
		Visible Gold : SampleID/Grainsize/Style	PED36054	50.05	50.40	0.35	1182.12	318.00	1182.12	-	0000.0
		PED36054 1-2mm Bleb	PED36056	50.40	50.75	0.35	1.74	1.740	-	-	1740.00
		Alteration : Type/Intensity/Texture									
		BIO 2 PRV									
		Structure:									
	48.90 - 50.75	Alpha: 3									
		Type/GEN/Intensity	CA1:	CA2:							
		V2 2	50	50							
		V2 3	3	6							
		Mineralization Maj. : Type/GSZ%/HABIT	Comment								
	45.80 - 48.90	PY GS1 1 DIS	trace sulphides in e1h between vein intervals								
	45.80 - 48.90	PO GS1 1 DIS	trace sulphides in e1h between vein intervals								
	48.90 - 50.05	PY GS1 1 DIS	Sulphides increasing with rise in background/extension veining								
	48.90 - 50.05	PO GS1 2 DIS	Sulphides increasing with rise in background/extension veining								
	50.05 - 50.40	PY GS1 2 DIS	Significant **VG** within extension vein directly adjacent to planar fault vein; WOW!								
	50.05 - 50.40	PO GS1 3 DIS	Significant **VG** within extension vein directly adjacent to planar fault vein; WOW!								
	50.05 - 50.40	VG GS1 5 DIS	Significant **VG** within extension vein directly adjacent to planar fault vein; WOW!								
	50.40 - 50.75	PY GS1 2 DIS	Dism sulphides in host rock adjacent to veining								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	50.40 - 50.75	PO	GS1 4 DIS									
		Dism sulphides in host rock adjacent to veining										
		Feature 2:										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	5		N					
		QLF: GS1 FOL										
50.75	58.40	Feature 1		PED36057	50.75	51.40	0.65	5.66	5.660	-	-	5661.00
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E1H High_titanium_basalt	<input type="checkbox"/>	50	0			0.71	0.708	-	-	708.00
		QLF: BRX SHD		PED36059	51.90	52.70	0.80	1.10	1.100	-	-	1101.00
		Brecciated E1H intermixed with E0B; Aphanitic-VFG; Fragments of E0B hosted within bio-altered E1H in brx texture; imbricated 30 TCA to 50 TCA (core poorly oriented); LCT gradational back into E1H		PED36060	52.70	53.20	0.50	0.21	0.212	-	-	212.00
				PED36061	53.20	53.90	0.70	1.06	1.060	-	-	1060.00
				PED36062	53.90	54.60	0.70	0.49	0.493	-	-	493.00
				PED36064	54.60	55.00	0.40	1.42	1.420	-	-	1416.00
		Alteration :	Type/Intensity/Texture	PED36065	55.00	55.30	0.30	1.94	1.940	-	-	1939.00
			AMP	PED36066	55.30	55.90	0.60	0.60	0.603	-	-	603.00
			SIL	PED36067	55.90	56.70	0.80	0.10	0.096	-	-	96.00
			BIO 2 PRV	PED36068	56.70	57.30	0.60	0.23	0.233	-	-	233.00
		Structure:		PED36069	57.30	58.40	1.10	0.07	0.070	-	-	70.00
	50.75 - 54.10	Alpha: 45	Beta: 0									
		Type/GEN/Intensity	CA1: CA2:									
		FLT2 2	30 50									
	54.10 - 54.30	Alpha: 20	Beta: 0									
		Type/GEN/Intensity	CA1: CA2:									
		FLT3 4	20 20									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	54.30 - 58.40	Alpha: 45 Beta: 0 Type/GEN/Intensity FLT2 2									
		CA1: 30 CA2: 50									
	55.00 - 55.30	Mineralization Maj. : PO GS1 2.5 DIS									
		Comment Minor sulphides in intermixed brx e1h and e0b									
		Feature 2:									
		Type E0B Komatiitic_basalt									
		Dyke <input type="checkbox"/> % 50 Thickness 0 Colour Vein									
		QLF: BRX SHD									
58.40	72.00	Feature 1									
		Type E1H High_titanium_basalt									
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein									
		QLF: GS1 FOL									
		Hi Ti Basalt; Aphanitic to VFG; Dark brown to black; 2% med-dark green V2A veining; pervasive bio alteration // to fol; LCT defined by vein 50/280 TCA									
		Alteration : Type/Intensity/Texture BIO 2 PRV									
		Structure:									
	68.75 - 69.20	Alpha: 45 Beta: 130 Type/GEN/Intensity V2 2									
		CA1: 30 CA2: 35									
		V2 3 40 45									
	68.75 - 69.20	Mineralization Maj. : PV GS1 2 DIS									
		Comment Sulphides in wall rock adjacent to									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)			
						intersecting thrust and extension veins	PED36085	69.20	70.10	0.90	0.23	0.231	-	-	148.00			
	68.75 - 69.20	PO	GS1	3	DIS	Sulphides in wall rock adjacent to intersecting thrust and extension veins	PED36086	70.10	71.20	1.10	0.29	0.285	-	-	42.00			
							PED36087	71.20	72.10	0.90	0.01	0.014	-	-	10.00			
72.00	75.25	Feature 1						PED36088	72.10	72.45	0.35	0.27	0.273	-	-	193.00		
		Type		Dyke	%	Thickness	Colour	Vein										
		E1H	High_titanium_basalt	<input type="checkbox"/>	0	0				PED36089	72.45	73.00	0.55	0.54	0.538	-	-	855.00
		QLF: BRX FRG SHD						PED36090	73.00	73.40	0.40	0.10	0.100	-	-	101.00		
		Brecciated E1H intermixed with E0B; Aphanitic-VFG; Fragments of E0B hosted within bio-altered E1H in brx texture; LCT into R5 defined by 2 cm V2A 65/350 TCA						PED36091	73.40	74.20	0.80	0.11	0.112	-	-	98.00		
							PED36092	74.20	74.90	0.70	0.82	0.823	-	-	784.00			
							PED36093	74.90	75.25	0.35	2.66	2.660	-	-	2245.00			
		Alteration :																
		Type/Intensity/Texture																
		BIO 3 PRV																
		Structure:																
	72.10 - 75.20	Alpha: 55		Beta: 125														
		Type/GEN/Intensity		CA1: CA2:														
		FLT2	3	45	60													
		Mineralization Maj. :																
		Type/GSZ%/HABIT																
	74.90 - 75.25	PO	GS1	2	DIS													
		Comment																
		Sulphide concentration increasing towards deformation zone																
	74.90 - 75.25	PY	GS1	2.5	DIS													
		Sulphide concentration increasing towards deformation zone																
		Feature 2:																
		Type		Dyke	%	Thickness	Colour	Vein										
		E0B	Komatiitic_basalt	<input type="checkbox"/>	0	0												
		QLF: BRX FRG SHD																



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
75.25	80.20	Feature 1	PED36094	75.25	75.85	0.60	2.96	2.960	-	-	2245.00
		Type	PED36095	75.85	76.30	0.45	9.70	>10.000	9.70	-	0000.00
		E1H High_titanium_basalt	PED36096	76.30	77.00	0.70	1.37	1.370	-	-	2547.00
		QLF: ALT MIN VND	PED36097	77.00	77.50	0.50	5.44	5.440	-	-	5255.00
		Brx interval within deformation zone hosted in E1H; Dark brown-black; 5% V2A Qtz veinlets; see oriented data for measurements	PED36098	77.50	78.15	0.65	3.49	3.490	-	-	3970.00
			PED36099	78.15	78.70	0.55	2.82	2.820	-	-	2605.00
			PED36100	78.70	79.60	0.90	2.55	2.550	-	-	3062.00
			PED36101	79.60	80.20	0.60	4.54	4.540	-	-	4734.00
		Alteration :									
		Type/Intensity/Texture									
		SUL 3 LOC									
		BIO 2 PRV									
		Structure:									
	75.20 - 75.85	Alpha: 25		Beta: 85							
		Type/GEN/Intensity		CA1: CA2:							
		SHD 3		20 30							
	76.30 - 77.00	Alpha: 25		Beta: 330							
		Type/GEN/Intensity		CA1: CA2:							
		V2 4		15 25							
	78.70 - 79.60	Alpha:		Beta: 0							
		Type/GEN/Intensity		CA1: CA2:							
		V2									
	79.60 - 80.20	Alpha: 50		Beta: 110							
		Type/GEN/Intensity		CA1: CA2:							
		V2 2		40 60							
		Mineralization Maj. :		Comment							
	75.25 - 75.85	PO GS1 8 DIS		R5 Replacement of groundmass in heavily brx E1H: Sulphides tend to line fracture planes of brx fractures imbricated 25/85 TCA							
	75.25 - 75.85	PY GS1 20 DIS		R5 Replacement of groundmass in heavily brx E1H: Sulphides tend to line fracture planes of brx fractures imbricated 25/85 TCA							



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)		
	75.85 - 76.30	PY	GS1	7	DIS	Moderate sulphide min assoc w/ V2A veinlets within deformation zone											
	75.85 - 76.30	PO	GS1	3	DIS	Moderate sulphide min assoc w/ V2A veinlets within deformation zone											
	76.30 - 77.00	PO	GS1	5	DIS	Very Strong sulphide min in wall rock adjacent to v2 veining;											
	76.30 - 77.00	PY	GS1	30	DIS	Very Strong sulphide min in wall rock adjacent to v2 veining;											
	77.00 - 77.50	PY	GS1	2	DIS	Dism sulphides throughout silicified E1H											
	77.00 - 77.50	PO	GS1	5	DIS	Dism sulphides throughout silicified E1H											
	77.50 - 78.15	PO	GS1	5	DIS	R5 replacement assoc w/ shearing in deformation zone											
	77.50 - 78.15	PY	GS1	30	DIS	R5 replacement assoc w/ shearing in deformation zone											
	78.15 - 78.70	PO	GS1	3	DIS	Sulphides increasing towards veining in deformation zone											
	78.15 - 78.70	PY	GS1	3	DIS	Sulphides increasing towards veining in deformation zone											
	78.70 - 79.60	PY	GS1	4	DIS	Multiple Thrust-Veins with respective extensional veins; see oriented data for specific measurements											
	78.70 - 79.60	PO	GS1	2	DIS	Multiple Thrust-Veins with respective extensional veins; see oriented data for specific measurements											
	79.60 - 80.20	PO	GS1	5	DIS	Reaching R5 replacement leading up to smokey qtz vein											
	79.60 - 80.20	PY	GS1	20	DIS	Reaching R5 replacement leading up to smokey qtz vein											
80.20	81.50	Feature 1															
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>									
		R6	Arsenopyrite_silica	<input type="checkbox"/>	60	0			PED36102	80.20	80.65	0.45	8.72	8.720	-	-	3621.0C
									PED36104	80.65	80.95	0.30	3.30	3.300	-	-	3116.0C
									PED36105	80.95	81.50	0.55	3.77	3.770	-	-	3696.0C
		QLF: SHD BRX PLA															



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Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
<p>Locally up to 30% Py/Po; AsPy increasing towards EOH; Dark Grey/Brown with strong Brx texture and sulphide replacement; Smokey qtz vein from 80.45-80.95 m; mineralization assoc w/ host rock on HW and FW contacts from vein unit</p>												
Structure:												
80.20 - 81.50		Alpha: 40	Beta: 340									
		Type/GEN/Intensity	CA1:	CA2:								
		V2	40	60								
Mineralization Maj. : Type/GSZ%/HABIT												
80.20 - 80.65		PO GS1 5 DIS	R5 Replacement leading up to Smokey V2S									
80.20 - 80.65		PY GS1 30 DIS	R5 Replacement leading up to Smokey V2S									
80.65 - 80.95		PO GS1 4 DIS										
80.65 - 80.95		PY GS1 8 DIS										
80.95 - 81.50		PY GS1 3 DIS	R6/R5 Replacement between smokey qtz vein and EOT contact; VFG AsPy dism throughout; Whisps of dism Po throughout									
80.95 - 81.50		PO GS1 20 DIS	R6/R5 Replacement between smokey qtz vein and EOT contact; VFG AsPy dism throughout; Whisps of dism Po throughout									
80.95 - 81.50		AS GS1 5 DIS	R6/R5 Replacement between smokey qtz vein and EOT contact; VFG AsPy dism throughout; Whisps of dism Po throughout									
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
V2A		Quartz_carb_actinolite_vein	<input type="checkbox"/>	40	0							
QLF: SHD BRX PLA												
Alteration :												
		Type/Intensity/Texture										
		AC 2 LOC										



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
81.50	92.60	Feature 1	PED36106	81.50	82.00	0.50	0.24	0.237	-	-	169.00
		<i>Type</i>	PED36107	82.00	83.00	1.00	0.02	0.021	-	-	21.00
		E0T Talc_rich_unit	PED36108	83.00	84.00	1.00	0.04	0.043	-	-	43.00
		<i>Dyke</i> <input type="checkbox"/> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>									
		0 0									
		<i>QLF:</i> SHD SCH									
		Talc Unit; Mod-strong sheared to schistose fabric 35/205 TCA; LCT with Dyke 65 TCA									
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>									
		TLC 3 PRV									
92.60	93.40	Feature 1									
		<i>Type</i>									
		I0E Lamprophyre									
		<i>Dyke</i> <input checked="" type="checkbox"/> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>									
		0 0									
		<i>QLF:</i> MAS GS1									
		Lamp Dyke; Dark Grey - Black; Aphanitic to VFG; massive; irregular LCT splaying in multiple directions									
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>									
		BIO 2 PRV									
93.40	117.60	Feature 1	PED36109	106.00	106.75	0.75	0.00	<0.005	-	-	5.00
		<i>Type</i>	PED36110	106.75	107.45	0.70	0.01	0.008	-	-	8.00
		E0T Talc_rich_unit	PED36112	107.45	108.40	0.95	0.00	<0.005	-	-	5.00
		<i>Dyke</i> <input type="checkbox"/> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>									
		0 0									
		<i>QLF:</i> SCH									
		Talc Unit; Mod-strong sheared to schistose fabric; LCT with Dyke 35 TCA									
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>									
		AMP									



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Hole Number **305-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL TLC 4								
		Structure:								
	98.70 - 102.00	Alpha: 15 Type/GEN/Intensity FLT								
		Beta: 0 CA1: CA2: 15 65								
	106.75 - 107.45	Alpha: 20 Type/GEN/Intensity V1 2								
		Beta: 0 CA1: CA2: 15 30								
117.60	119.45	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		I0E Lamprophyre	☐	0	0					
		QLF: GS1 MAS								
		Lamp Dyke; Black; VFG-FG felted biotite; mod carb content; amygdules infilled with calcite; LCT w/ EOT 35 TCA								
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		SIL								
		BIO								
119.45	120.00	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			



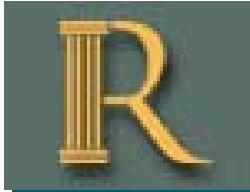
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-09

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		EOT <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0 <i>QLF:</i> FRA SHD Talc Unit; Dark Green; fractured/fragmented from dyke contact; LCT is EOH <i>Alteration :</i> <i>Type/Intensity/Texture</i> TLC 2 PRV								



DRILL HOLE REPORT

Hole Number **305-17-10**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 4.4	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -45.32	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 240	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 02-Apr-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 05-Apr-17				Surveyed: yes
Logged: 20-Apr-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10422.552	East: 448455.31
			North: 49983.956	North: 5663652.72
			Elev.: 5065.823	Elev.: 65.82
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	4.40	-45.32	C	<input checked="" type="checkbox"/>	
0.10	4.40	-45.32	Gyro	<input checked="" type="checkbox"/>	
5.10	4.45	-45.42	Gyro	<input checked="" type="checkbox"/>	
10.10	4.35	-45.42	Gyro	<input checked="" type="checkbox"/>	
15.00	359.70	-45.38	DeviShot	<input type="checkbox"/>	No good; Replaced by gyro
15.10	4.23	-45.45	Gyro	<input checked="" type="checkbox"/>	
18.00	4.47	-45.34	DeviShot	<input type="checkbox"/>	Replaced by gyro
20.10	4.01	-45.56	Gyro	<input checked="" type="checkbox"/>	
25.10	3.90	-45.49	Gyro	<input checked="" type="checkbox"/>	
30.10	3.81	-45.53	Gyro	<input checked="" type="checkbox"/>	
35.10	3.64	-45.53	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
40.10	3.48	-45.53	Gyro	<input checked="" type="checkbox"/>	
45.10	3.41	-45.50	Gyro	<input checked="" type="checkbox"/>	
50.00	2.16	-45.53	DeviShot	<input type="checkbox"/>	Replaced by gyro
50.10	3.18	-45.54	Gyro	<input checked="" type="checkbox"/>	
55.10	3.22	-45.56	Gyro	<input checked="" type="checkbox"/>	
60.10	3.44	-45.54	Gyro	<input checked="" type="checkbox"/>	
65.10	3.49	-45.57	Gyro	<input checked="" type="checkbox"/>	
70.10	3.50	-45.64	Gyro	<input checked="" type="checkbox"/>	
75.10	3.62	-45.66	Gyro	<input checked="" type="checkbox"/>	
80.10	3.53	-45.64	Gyro	<input checked="" type="checkbox"/>	
85.10	3.54	-45.61	Gyro	<input checked="" type="checkbox"/>	
90.10	3.45	-45.66	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-10

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
95.10	3.33	-45.69	Gyro	<input checked="" type="checkbox"/>	
100.10	3.27	-45.58	Gyro	<input checked="" type="checkbox"/>	
102.00	2.80	-45.70	Reflex	<input type="checkbox"/>	Replaced by gyro
105.10	3.02	-45.60	Gyro	<input checked="" type="checkbox"/>	
110.10	3.07	-45.40	Gyro	<input checked="" type="checkbox"/>	
115.10	2.98	-45.33	Gyro	<input checked="" type="checkbox"/>	
120.10	2.96	-45.34	Gyro	<input checked="" type="checkbox"/>	
125.10	3.00	-45.22	Gyro	<input checked="" type="checkbox"/>	
130.10	3.01	-45.23	Gyro	<input checked="" type="checkbox"/>	
135.10	2.97	-45.19	Gyro	<input checked="" type="checkbox"/>	
140.10	3.02	-45.25	Gyro	<input checked="" type="checkbox"/>	
145.10	3.17	-45.19	Gyro	<input checked="" type="checkbox"/>	
150.00	1.48	-45.55	DeviShot	<input type="checkbox"/>	Replaced by gyro
150.10	3.23	-45.23	Gyro	<input checked="" type="checkbox"/>	
155.10	3.23	-45.23	Gyro	<input checked="" type="checkbox"/>	
160.10	3.25	-45.30	Gyro	<input checked="" type="checkbox"/>	
165.10	3.38	-45.31	Gyro	<input checked="" type="checkbox"/>	
170.10	3.49	-45.32	Gyro	<input checked="" type="checkbox"/>	
175.10	3.60	-45.31	Gyro	<input checked="" type="checkbox"/>	
180.10	3.68	-45.32	Gyro	<input checked="" type="checkbox"/>	
185.10	3.81	-45.31	Gyro	<input checked="" type="checkbox"/>	
190.10	3.90	-45.29	Gyro	<input checked="" type="checkbox"/>	
195.10	4.02	-45.27	Gyro	<input checked="" type="checkbox"/>	
200.00	0.66	-45.31	DeviShot	<input type="checkbox"/>	No good??. Replaced by gyro
200.10	4.11	-45.27	Gyro	<input checked="" type="checkbox"/>	
203.00	9.88	-45.33	DeviShot	<input type="checkbox"/>	Replaced by gyro
205.10	4.22	-45.27	Gyro	<input checked="" type="checkbox"/>	
210.10	4.35	-45.24	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
215.10	4.45	-45.24	Gyro	<input checked="" type="checkbox"/>	
220.10	4.61	-45.23	Gyro	<input checked="" type="checkbox"/>	
225.10	4.69	-45.24	Gyro	<input checked="" type="checkbox"/>	
230.10	4.85	-45.24	Gyro	<input checked="" type="checkbox"/>	
240.00	9.70	-45.60	DeviShot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
0.00	0.80	Feature 1									
		<p>Type</p> <p>ZCS <i>Casing_no_recovery</i></p> <p>QLF:</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p> AMP</p> <p> SIL</p> <p> BIO</p>									
		<p>Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 0 0</p>									
0.80	60.40	Feature 1									
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: FOL SCH ALT</p> <p>Talc Zone; Mod-strongly talc-altered BK; lt-med green w/ white alteration; strongly fol to local schistosity; LCT w/ I3 25 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p> TLC 3 PRV</p> <p>Structure:</p> <p>21.10 - 22.10 Alpha: 25 Beta: 255</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> V1 3 20 25</p>									
		<p>Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 0 0</p>									
			PED33567	20.10	21.10	1.00	0.01	0.011	-	-	11.00
			PED33568	21.10	22.10	1.00	0.00	<0.005	-	-	5.00
			PED33570	22.10	23.10	1.00	0.01	0.007	-	-	7.00
			PED33571	23.10	23.90	0.80	0.00	<0.005	-	-	5.00
			PED33572	23.90	24.50	0.60	0.00	<0.005	-	-	5.00
			PED33573	24.50	25.20	0.70	0.01	0.011	-	-	11.00
			PED33574	25.20	26.00	0.80	0.05	0.047	-	-	47.00
			PED33575	26.00	26.80	0.80	0.03	0.033	-	-	33.00
			PED33576	26.80	27.80	1.00	0.01	0.011	-	-	11.00
			PED33577	27.80	28.80	1.00	0.00	<0.005	-	-	5.00
			PED33578	58.70	59.70	1.00	0.01	0.006	-	-	6.00
			PED33579	59.70	60.40	0.70	0.02	0.017	-	-	17.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
60.40	67.80	Feature 1	PED33580	60.40	61.40	1.00	0.32	0.323	-	-	323.00
		Type	PED33581	61.40	62.40	1.00	0.29	0.287	-	-	287.00
		I3 Felsic_intrusive	PED33582	62.40	63.40	1.00	0.46	0.456	-	-	456.00
		QLF: FRA FOL	PED33583	63.40	64.00	0.60	0.73	0.728	-	-	728.00
		Felsic Dyke; Light-Med Grey; Aphanitic-VFG; core strongly fractured and broken up 10-20 TCA assoc w mod bio alteration and trace sulphides; 3% smokey Qtz stringers 10-20 TCA; .4 m Dk Grey/Pink chill margin at LCT 40/40 TCA	PED33584	64.00	64.80	0.80	0.90	0.900	-	-	900.00
			PED33585	64.80	65.60	0.80	3.55	3.550	-	-	3550.00
			PED33587	65.60	66.60	1.00	0.62	0.623	-	-	623.00
		Alteration :	PED33588	66.60	67.40	0.80	0.69	0.686	-	-	686.00
		Type/Intensity/Texture	PED33589	67.40	67.80	0.40	54.18	58.400	54.18	-	0000.00
		SIL 3 PRV									
		BIO 2 LOC									
67.80	113.60	Feature 1	PED33590	67.80	68.40	0.60	3.70	3.700	-	-	3705.00
		Type	PED33591	68.40	69.40	1.00	0.21	0.210	-	-	210.00
		E0T Talc_rich_unit									
		QLF:									
		Talc Zone; Mod-strongly talc-altered BK; lt-med green w/ white alteration; strongly fol to local schistosity; LCT 60 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
113.60	113.90	Feature 1									
		Type									
		I1 Mafic_intrusive									



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Hole Number **305-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																										
		<p>QLF: GSO MAS Mafic Dyke; Black-Dark Brown; Aphanitic-VFG; LCT 60 TCA</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td></td> <td>AMP</td> </tr> <tr> <td></td> <td>SIL</td> </tr> <tr> <td></td> <td>BIO</td> </tr> </table>	Type/Intensity/Texture			AMP		SIL		BIO																											
Type/Intensity/Texture																																					
	AMP																																				
	SIL																																				
	BIO																																				
113.90	123.90	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: SHD SCH BAN Talc Zone; Mod-strongly talc-altered BK; lt-med green w/ white alteration; mod-strong biotite alteration strongly fol to local schistosity 55 TCA ; LCT shear zone 60 TCA</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td></td> <td>TLC 3 PRV</td> </tr> <tr> <td></td> <td>BIO 3 PRV</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>123.25 - 123.90</td> <td>Alpha: 70</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td style="text-align: right;">Type/GEN/Intensity</td> <td style="text-align: right;">CA1: CA2:</td> </tr> <tr> <td></td> <td>SHD 3</td> <td>60 70</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	☐	0	0			Type/Intensity/Texture			TLC 3 PRV		BIO 3 PRV	123.25 - 123.90	Alpha: 70	Beta: 0		Type/GEN/Intensity	CA1: CA2:		SHD 3	60 70								
Type	Dyke	%	Thickness	Colour	Vein																																
E0T Talc_rich_unit	☐	0	0																																		
Type/Intensity/Texture																																					
	TLC 3 PRV																																				
	BIO 3 PRV																																				
123.25 - 123.90	Alpha: 70	Beta: 0																																			
	Type/GEN/Intensity	CA1: CA2:																																			
	SHD 3	60 70																																			
123.90	148.80	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein																													
Type	Dyke	%	Thickness	Colour	Vein																																



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)												
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 QLF: Talc Zone; Mod-strongly talc-altered BK; lt-med green w/ white alteration; strongly fol to local schistosity 55 TCA ; LCT 60 TCA Alteration : Type/Intensity/Texture AMP SIL BIO																				
148.80	198.07	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS0 E0B; Dark Grey/Blue; Aphanitic to VFG; wk-mod Talc alteration throughout; wk fol to massive; LCT w/ LAMP 60/170 TCA Alteration : Type/Intensity/Texture TLC 1 PRV BIO 2 PRV	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																			
198.07	202.80	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS1 FOL	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																	
I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0																			



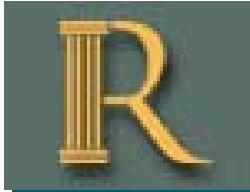
**LITHOLOGY REPORT
- Detailed -**

Hole Number 305-17-10

Project: PHOENIX

Project Number: 2

From <i>(m)</i>	To <i>(m)</i>	Geology	Sample #	From	To	Length	Au <i>(ppm)</i>	FAA <i>(ppm)</i>	FAG <i>(ppm)</i>	MS <i>(ppm)</i>	FAA <i>(ppb)</i>									
		Lamp Dyke; Dark Green-Black; FG; massive; 20% Biotite alteration; low carb content and magnetism; 3% Bkground Qtz carb vein w/ minor K-spar alteration; chilled contacts; LCT 60/010 TCA Alteration : Type/Intensity/Texture BIO 2 PRV																		
202.80	240.00	Feature 1																		
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	☐	0	0																	
		QLF: GSO MAG BK; could be Aphanitic E1A; Dark Blue/Grey; Aphanitic-VFG; localized pods/bands of Serpentine Alt; wk talc content throughout; extends to EOH Alteration : Type/Intensity/Texture SRP 2 LOC TLC 1 PRV																		



DRILL HOLE REPORT

Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 5.23	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -23.38	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 201	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 05-Apr-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 07-Apr-17				Surveyed: yes
Logged: 06-May-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10422.545	East: 448455.19
			North: 49983.795	North: 5663652.6
			Elev.: 5066.732	Elev.: 66.73
			Zone: 15N	NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	5.23	-23.38	C	<input checked="" type="checkbox"/>	
0.10	5.20	-23.38	Gyro	<input checked="" type="checkbox"/>	
5.10	5.17	-23.55	Gyro	<input checked="" type="checkbox"/>	
10.10	5.19	-23.80	Gyro	<input checked="" type="checkbox"/>	
15.00	353.54	-23.28	DeviSh ot	<input type="checkbox"/>	No good, possibly 49.34??; Replaced by gyro
15.10	5.20	-23.94	Gyro	<input checked="" type="checkbox"/>	
20.10	5.23	-24.15	Gyro	<input checked="" type="checkbox"/>	
25.10	5.25	-24.37	Gyro	<input checked="" type="checkbox"/>	
30.10	5.34	-24.54	Gyro	<input checked="" type="checkbox"/>	
35.10	5.42	-24.65	Gyro	<input checked="" type="checkbox"/>	
40.10	5.48	-24.72	Gyro	<input checked="" type="checkbox"/>	
45.10	5.46	-24.83	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
50.00	3.40	-24.72	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
50.10	5.43	-24.94	Gyro	<input checked="" type="checkbox"/>	
55.10	5.48	-25.10	Gyro	<input checked="" type="checkbox"/>	
60.10	5.35	-25.24	Gyro	<input checked="" type="checkbox"/>	
65.10	5.40	-25.45	Gyro	<input checked="" type="checkbox"/>	
70.10	5.38	-25.58	Gyro	<input checked="" type="checkbox"/>	
75.10	5.32	-25.68	Gyro	<input checked="" type="checkbox"/>	
80.10	5.29	-25.68	Gyro	<input checked="" type="checkbox"/>	
85.10	5.49	-25.78	Gyro	<input checked="" type="checkbox"/>	
90.10	5.75	-25.88	Gyro	<input checked="" type="checkbox"/>	
95.10	5.79	-25.99	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-11

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
100.00	4.02	-25.83	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
100.10	5.74	-26.01	Gyro	<input checked="" type="checkbox"/>	
105.10	5.80	-25.99	Gyro	<input checked="" type="checkbox"/>	
110.10	5.91	-25.98	Gyro	<input checked="" type="checkbox"/>	
115.10	5.93	-26.05	Gyro	<input checked="" type="checkbox"/>	
120.10	5.99	-26.13	Gyro	<input checked="" type="checkbox"/>	
125.10	6.05	-26.28	Gyro	<input checked="" type="checkbox"/>	
130.10	6.06	-26.37	Gyro	<input checked="" type="checkbox"/>	
135.10	6.10	-26.47	Gyro	<input checked="" type="checkbox"/>	
140.10	6.11	-26.57	Gyro	<input checked="" type="checkbox"/>	
145.10	6.18	-26.70	Gyro	<input checked="" type="checkbox"/>	
150.00	6.40	-26.60	Reflex	<input type="checkbox"/>	Replaced by gyro
150.10	6.27	-26.79	Gyro	<input checked="" type="checkbox"/>	
155.10	6.37	-26.81	Gyro	<input checked="" type="checkbox"/>	
160.10	6.51	-26.88	Gyro	<input checked="" type="checkbox"/>	
165.10	6.64	-27.00	Gyro	<input checked="" type="checkbox"/>	
170.10	6.67	-26.99	Gyro	<input checked="" type="checkbox"/>	
175.10	6.78	-27.03	Gyro	<input checked="" type="checkbox"/>	
180.10	6.88	-27.16	Gyro	<input checked="" type="checkbox"/>	
185.10	6.94	-27.32	Gyro	<input checked="" type="checkbox"/>	
190.10	7.02	-27.43	Gyro	<input checked="" type="checkbox"/>	
201.00	12.00	-27.60	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
0.00	2.25	Feature 1									
		Type									
		E1A Basalt									
		QLF: GS0 FOL									
		Basalt; Med green; aphanitic-VFG; foliated 50 TCA; trace qtz carb stringers // to fol									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
2.25	32.20	Feature 1									
		Type									
		E0T Talc_rich_unit									
		QLF: GS1 SCH									
		Talc Zone; light-med grey w/ creamy talcose stringers; localized schistosity // to fol 30 TCA;									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
		Structure:									
		13.70 - 14.45									
		Alpha: 20									
		Beta: 0									
		Type/GEN/Intensity									
		V1 2									
		CA1:									
		20									
		CA2:									
		25									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
32.20	39.15	Feature 1	PED36239	32.20	33.15	0.95	0.01	0.012	-	-	12.00
		Type	PED36240	33.15	34.00	0.85	0.01	0.010	-	-	10.00
		E1A Basalt	PED36241	34.00	35.00	1.00	0.02	0.016	-	-	16.00
		QLF: GS0 MAS	PED36242	35.00	35.75	0.75	0.01	0.007	-	-	7.00
		Basalt; Med Green; Aphanitic; Foliated 30 TCA; unaltered; trace bkgd veining 10 TCA; LCT with Colloform vein 25 TCA	PED36243	35.75	36.50	0.75	0.01	0.010	-	-	10.00
			PED36245	36.50	37.50	1.00	0.01	0.006	-	-	6.00
			PED36246	37.50	38.50	1.00	0.01	0.010	-	-	10.00
		Alteration : Type/Intensity/Texture	PED36247	38.50	39.15	0.65	0.01	0.006	-	-	6.00
		BIO 1 PRV									
39.15	48.40	Feature 1	PED36248	39.15	39.95	0.80	0.04	0.044	-	-	44.00
		Type	PED36249	39.95	40.80	0.85	0.00	<0.005	-	-	5.00
		V1 Carbonate_vein	PED36250	40.80	41.60	0.80	0.00	<0.005	-	-	5.00
		QLF:	PED36251	41.60	42.45	0.85	0.00	<0.005	-	-	5.00
		Colloform Carb vein; creamy white/translucent; 2-5mm carb grains; brx texture increasing from 45 m to LCT; barren; LCT strongly sheared 15 TCA	PED36252	42.45	43.00	0.55	0.00	<0.005	-	-	5.00
			PED36253	43.00	44.00	1.00	0.00	<0.005	-	-	5.00
			PED36254	44.00	45.00	1.00	0.00	<0.005	-	-	5.00
		Alteration : Type/Intensity/Texture	PED36255	45.00	46.00	1.00	0.00	<0.005	-	-	5.00
		AMP	PED36256	46.00	46.70	0.70	0.01	0.007	-	-	7.00
		SIL	PED36257	46.70	47.15	0.45	0.00	<0.005	-	-	5.00
		BIO	PED36258	47.15	48.10	0.95	0.01	0.006	-	-	6.00
		Structure:	PED36259	48.10	48.40	0.30	0.01	0.011	-	-	11.00
		39.15 - 48.40 Alpha: 15 Beta: 0									
		Type/GEN/Intensity									
		V1 3 CA1: 10 CA2: 20									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
48.40	76.00	Feature 1	PED36260	48.40	49.00	0.60	0.00	<0.005	-	-	5.00
		Type	PED36261	49.00	50.00	1.00	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit	PED36262	50.00	51.00	1.00	0.00	<0.005	-	-	5.00
		QLF:	PED36263	51.00	52.00	1.00	0.00	<0.005	-	-	5.00
		Talc-Altered Basaltic Komatiite; Med green; VFG; sheared upper contact; dissipating to strong fol 45 TCA; mod Talc alteration; LCT defined by increase in veining, brx texture, and Bio alteration	PED36264	52.00	53.00	1.00	0.00	<0.005	-	-	5.00
			PED36265	53.00	53.75	0.75	0.00	<0.005	-	-	5.00
			PED36266	53.75	54.50	0.75	0.00	<0.005	-	-	5.00
			PED36267	54.50	55.50	1.00	0.00	<0.005	-	-	5.00
			PED36268	75.00	76.00	1.00	0.01	0.005	-	-	5.00
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									
		Structure:									
		48.40 - 53.75									
		Alpha: 20									
		Beta: 0									
		Type/GEN/Intensity									
		SHD 3									
		CA1: 15									
		CA2: 35									
76.00	94.55	Feature 1	PED36269	76.00	77.00	1.00	0.02	0.015	-	-	15.00
		Type	PED36270	77.00	78.00	1.00	0.45	0.446	-	-	446.00
		E0T Talc_rich_unit	PED36271	78.00	79.00	1.00	0.01	0.012	-	-	12.00
		QLF: ALT BRX FRG	PED36272	79.00	80.00	1.00	0.03	0.028	-	-	28.00
		Bio-Altered Talc zone; Med green, med brown; VFG; chaotic brx texture throughout; mild qtz actinolite veining/silica flooding; LCT with dyke 45 TCA	PED36273	80.00	80.50	0.50	0.08	0.084	-	-	84.00
			PED36274	80.50	80.85	0.35	0.16	0.159	-	-	159.00
			PED36276	80.85	81.85	1.00	0.02	0.021	-	-	21.00
			PED36277	81.85	82.70	0.85	0.05	0.051	-	-	51.00
			PED36278	82.70	83.05	0.35	0.06	0.062	-	-	62.00
			PED36279	83.05	84.00	0.95	0.02	0.022	-	-	22.00
			PED36280	84.00	85.00	1.00	0.10	0.096	-	-	96.00
			PED36281	85.00	86.00	1.00	0.09	0.094	-	-	94.00
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		TLC 2 PRV									
		BIO 2 PRV									
		Structure:									
		80.50 - 80.85									
		Alpha: 55									
		Beta: 0									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Type/GEN/Intensity	CA1:	CA2:			PED36282	86.00	87.00	1.00	0.12	0.118	-	-	118.00	
		V2S 3	55	55			PED36283	87.00	88.00	1.00	0.18	0.184	-	-	184.00	
	82.70 - 83.05	Alpha: 40	Beta: 0				PED36284	88.00	89.00	1.00	0.12	0.118	-	-	118.00	
		Type/GEN/Intensity	CA1:	CA2:			PED36285	89.00	90.00	1.00	0.11	0.109	-	-	109.00	
		V2A 3	35	50			PED36287	90.00	91.00	1.00	0.07	0.069	-	-	69.00	
		Mineralization Maj. : Type/GSZ%/HABIT	Comment				PED36288	91.00	92.00	1.00	0.08	0.080	-	-	80.00	
	80.50 - 80.85	SP GS1 15 DIS					PED36289	92.00	93.00	1.00	0.08	0.079	-	-	79.00	
		Feature 2:					PED36290	93.00	94.00	1.00	0.03	0.033	-	-	33.00	
		Type	Dyke	%	Thickness	Colour	Vein	PED36291	94.00	94.55	0.55	0.01	0.011	-	-	11.00
94.55	95.70	Feature 1					PED36292	94.55	95.70	1.15	0.01	0.005	-	-	5.00	
		Type	Dyke	%	Thickness	Colour	Vein									
		10E Lamprophyre	<input type="checkbox"/>	0	0											
		QLF: GS1 MAS														
		Lamp Dyke; Black-Dark Brown; VFG; massive; wkly magnetic; very little carb content; LCT 45 TCA														
95.70	102.05	Feature 1					PED36293	95.70	96.45	0.75	0.00	<0.005	-	-	5.00	
		Type	Dyke	%	Thickness	Colour	Vein	PED36294	96.45	97.50	1.05	0.02	0.018	-	-	18.00
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0			PED36295	97.50	98.35	0.85	0.03	0.029	-	-	29.00
		QLF: SCH						PED36296	98.35	99.35	1.00	0.08	0.078	-	-	78.00
		Talc Zone; light-med grey w/ creamy talcose stringers; banded cumulate texture; localized schistosity // to fol 30 TCA; LCT 35 TCA with discordant faulting 20 TCA						PED36297	99.35	100.25	0.90	0.00	<0.005	-	-	5.00
								PED36298	100.25	101.20	0.95	0.00	<0.005	-	-	5.00
		Alteration :	Type/Intensity/Texture					PED36299	101.20	102.05	0.85	0.02	0.020	-	-	20.00
			TLC 3 PRV													



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Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
102.05	107.55	Feature 1	PED36300	102.05	103.00	0.95	31.40	>10.000	31.40	-	0000.0
		Type	PED36301	103.00	103.60	0.60	1.52	1.520	-	-	1522.00
		E0B Komatiitic_basalt	PED36302	103.60	104.30	0.70	0.62	0.623	-	-	623.00
		QLF: BAN PLA BRK	PED36303	104.30	105.00	0.70	0.28	0.280	-	-	280.00
		Banded/Laminated mixture of Bk and Hi Ti; could be Meta-sediments (BIF?); bio alteration assoc w bedding direction; folding of laminae; smokey qtz veining assoc w/ increase in bio alteration; LCT defined by qtz vein and sheared contact w/ strong bio and minor fuchsite alteration 50 TCA	PED36305	105.00	105.90	0.90	0.37	0.367	-	-	367.00
			PED36306	105.90	106.50	0.60	0.56	0.560	-	-	560.00
			PED36307	106.50	107.00	0.50	0.34	0.341	-	-	341.00
			PED36308	107.00	107.55	0.55	0.69	0.685	-	-	685.00
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		BIO 3 BAN									
		Structure:									
	102.05 - 107.55	Alpha: 55	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		SHD 3	45 60								
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	102.05 - 103.00	PY GS1 1 DIS		Minor sulphides in Sheared E0B/E1H/Seds unit							
	102.05 - 103.00	PO GS1 1 DIS		Minor sulphides in Sheared E0B/E1H/Seds unit							
	103.00 - 103.60	PY GS1 1 DIS		Minor sulphides in Sheared E0B/E1H/Seds unit; mineralization assoc w/ qtz veining							
	103.00 - 103.60	PO GS1 1.5 DIS		Minor sulphides in Sheared E0B/E1H/Seds unit; mineralization assoc w/ qtz veining							
	103.60 - 105.00	PO GS1 1 DIS		Minor sulphides in Sheared E0B/E1H/Seds unit; mineralization assoc w/ qtz veining							
	103.60 - 105.00	PY GS1 2 DIS		Minor sulphides in Sheared E0B/E1H/Seds unit; mineralization assoc w/ qtz veining							
	105.00 - 107.00	PY GS1 0.5 DIS		Minor sulphides in Sheared E0B/E1H/Seds unit							



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Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	105.00 - 107.00	PO	GS1	0.5	DIS	Minor sulphides in Sheared E0B/E1H/Seds unit									
	107.00 - 107.55	FC	GS1	1	BAN	Minor sulphides in Strongly Sheared and veined E0B/E1H/Seds unit; mineralization assoc w/ qtz veining; Strong bio alteration and minor fuchsite at contact									
	107.00 - 107.55	PY	GS1	2	DIS	Minor sulphides in Strongly Sheared and veined E0B/E1H/Seds unit; mineralization assoc w/ qtz veining; Strong bio alteration and minor fuchsite at contact									
	107.00 - 107.55	PO	GS1	2	DIS	Minor sulphides in Strongly Sheared and veined E0B/E1H/Seds unit; mineralization assoc w/ qtz veining; Strong bio alteration and minor fuchsite at contact									
Feature 2:															
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>							
		E1H	High_titanium_basalt	<input type="checkbox"/>	0	0									
		QLF: BAN PLA BRK													
107.55	126.80	Feature 1													
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>							
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0									
		QLF: SCH FOL													
		Talc Unit; Dark Green/Grey; VFG; minor shearing/schistose texture; LCT grading into flow top e0b													
		Alteration :													
		<i>Type/Intensity/Texture</i>													
		TLC 3 PRV													



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Hole Number **305-17-11**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
126.80	165.30	Feature 1									
		Type									
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	%	0	Thickness	0				
		QLF: FTB BRX IRG									
		Talc Unit; Dark Green/Grey; Rubbled Brx texture; irregular brx fractures infilled with serpentine; LCT with Dyke 35 TCA									
		Alteration :									
		Type/Intensity/Texture									
		SRP 2 LOC									
		TLC 3 LOC									
165.30	171.30	Feature 1									
		Type									
		I0E <i>Lamprophyre</i>	<input type="checkbox"/>	%	0	Thickness	0				
		QLF: GS1 MAS									
		LAMP DYKE; Dark Grey/Black; VFG; Massive; wk-mod magnetism; low/nil carb content									
171.30	201.00	Feature 1									
		Type									
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	%	0	Thickness	0				
		QLF:									
		Talc Unit; Dark Green/Grey; Rubbled Brx texture; irregular brx fractures infilled with serpentine; LCT is EOH									
		Alteration :									
		Type/Intensity/Texture									



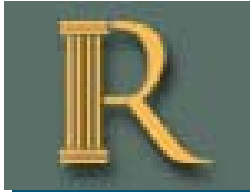
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Hole Number 305-17-11

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		SER 2 LOC									
		TLC 3 LOC									



DRILL HOLE REPORT

Hole Number **305-17-12**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 5.77	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: 11.88	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 119.3	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 07-Apr-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 08-Apr-17				Surveyed: yes
Logged: 10-May-17				Surveyed by: Mark Cottrell
Comment: Hole shut down 2 runs early due to track towards ramp				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10422.538	East: 448454.95	Left in hole:
		North: 49983.463	North: 5663652.37	Making water: no
		Elev.: 5068.072	Elev.: 68.07	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	5.77	11.88	C	<input checked="" type="checkbox"/>	
15.00	4.60	11.60	Devish ot	<input checked="" type="checkbox"/>	
50.00	3.33	10.67	Devish ot	<input checked="" type="checkbox"/>	
100.00	3.10	8.10	Devish ot	<input checked="" type="checkbox"/>	
119.00	3.10	8.00	Devish ot	<input checked="" type="checkbox"/>	



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Hole Number **305-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
0.00	2.00	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E1A Basalt</p> <p>QLF: GS1</p> <p>Basalt; med green; VFG; foliated 40 TCA; LCT gradational into E0T</p>									
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input type="checkbox"/> 0 0</p>									
2.00	34.80	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SHD</p> <p>E0T; Lt-Med Grey; creamy-grey talcose stringers; VFG; locally sheared/faulted 20 TCA; LCT with E1H 60 TCA</p>	PED36312	31.30	32.05	0.75	0.01	0.006	-	-	6.00
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input type="checkbox"/> 0 0</p>	PED36313	32.05	32.70	0.65	0.01	0.011	-	-	11.00
		<p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 20px;">TLC 3 PRV</p>	PED36314	32.70	33.00	0.30	0.11	0.112	-	-	112.00
		<p>Structure:</p> <p>21.80 - 24.70 Alpha: 20 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">SHD 3 15 20</p> <p style="margin-left: 20px;">FLT 2 15 20</p>	PED36315	33.00	33.55	0.55	0.00	<0.005	-	-	5.00
34.80	39.85	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E1A Basalt</p> <p>QLF: GS1 FOL</p>									
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input type="checkbox"/> 0 0</p>	PED36316	39.00	39.85	0.85	0.01	0.010	-	-	10.00



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Hole Number **305-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Basalt; med green; VFG; foliated 40 TCA; LCT with Vein 40/90TCA									
		Alteration : Type/Intensity/Texture BIO 1 PRV									
39.85	40.15	Feature 1	PED36317	39.85	40.15	0.30	0.01	0.007	-	-	7.00
		Type Dyke % Thickness Colour Vein V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 0 0 QLF: BRK Qtz Actinolite vein; creamy vein; minor actinolite-altered fragments; barren; LCT 25/90 Alteration : Type/Intensity/Texture SIL 3 PRV Structure: 39.85 - 40.15 Alpha: 30 Beta: 90 Type/GEN/Intensity CA1: CA2: V2A 3 25 40									
40.15	43.00	Feature 1	PED36318	40.15	40.60	0.45	0.67	0.672	-	-	672.00
		Type Dyke % Thickness Colour Vein E1H High_titanium_basalt <input type="checkbox"/> 60 0 QLF: BRK FRA SCH Brecciated mix of Hi Ti and BK; Med-Dark Green/Brown; VFG: sheared/brx texture throughout; Minor silicification; trace sulphides; LCT Smokey Qtz vein 45 TCA Alteration : Type/Intensity/Texture	PED36319	40.60	41.60	1.00	0.83	0.828	-	-	828.00
			PED36320	41.60	42.00	0.40	0.54	0.542	-	-	542.00
			PED36321	42.00	43.00	1.00	0.31	0.305	-	-	305.00



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Hole Number **305-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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BIO 2 PRV

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	40	0		
QLF: BRK FRA SCH					

43.00	44.25	Feature 1		PED36322	43.00	43.90	0.90	0.27	0.273	-	-	273.00
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Type	Dyke	%	Thickness	Colour	Vein
V2A <i>Quartz_carb_actinolite_vein</i>	<input type="checkbox"/>	0	0		
QLF: BRX					

Brx Qtz vein; smokey grey; actinolite-altered fragments/contacts; probable extension vein; barren; LCT 25
TCA

Alteration : *Type/Intensity/Texture*

AC 2 PRV
SIL 4 PRV

Structure:

43.00 - 43.95 Alpha: 50 Beta: 0
Type/GEN/Intensity CA1: CA2:
V2A 3 45 25



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Hole Number **305-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
44.25	49.40	Feature 1	PED36325	44.25	44.95	0.70	0.02	0.015	-	-	15.00
		Type	PED36326	44.95	45.75	0.80	1.40	1.400	-	-	1400.00
		E1H High_titanium_basalt	PED36327	45.75	46.75	1.00	0.44	0.437	-	-	437.00
		QLF: GS1 FOL	PED36328	46.75	47.75	1.00	0.06	0.064	-	-	64.00
		Basalt; med green; VFG; foliated 50 TCA; LCT with E0T 45 TCA	PED36329	47.75	48.60	0.85	0.06	0.055	-	-	55.00
			PED36330	48.60	49.40	0.80	0.11	0.106	-	-	106.00
		Alteration : Type/Intensity/Texture									
		BIO 1 PRV									
49.40	54.00	Feature 1	PED36331	49.40	50.00	0.60	0.03	0.026	-	-	26.00
		Type	PED36332	50.00	51.00	1.00	0.06	0.058	-	-	58.00
		E0T Talc_rich_unit	PED36333	51.00	52.00	1.00	0.03	0.030	-	-	30.00
		QLF: FOL SCH	PED36334	52.00	52.85	0.85	0.01	0.011	-	-	11.00
		Talc-Altered Basalt; Light-med grey; creamy/grey talcose stringers; Foliated 20 TCA; LCT is 3 cm V2A sub-// TCA	PED36335	52.85	53.35	0.50	0.01	0.007	-	-	7.00
			PED36336	53.35	54.00	0.65	0.57	0.567	-	-	567.00
		Alteration : Type/Intensity/Texture									
		TLC 2 PRV									
		Structure:									
		53.35 - 54.00	Alpha: 10	Beta: 0							
			Type/GEN/Intensity	CA1:	CA2:						
			V2A 3	5	15						
54.00	54.85	Feature 1	PED36337	54.00	54.85	0.85	1.31	1.310	-	-	1310.00
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>			<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
54.85 - 55.60		MT	GS1	2.5									
54.85 - 55.60		PY	GS1	2 DIS									
54.85 - 55.60		PO	GS1	3 DIS									
Feature 2:													
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>						
E1H		<i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0								
<i>QLF:</i>													
56.10	58.60	Feature 1			PED36342	56.10	56.85	0.75	2.92	2.920	-	-	2920.00
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>						
E1H		<i>High_titanium_basalt</i>	<input type="checkbox"/>	0	97				0.73	0.731	-	-	731.00
<i>QLF:</i> BRX GS1 FOL													
Hi Ti Basalt; Dark Green/Black; Aphanitic-VFG; brx texture throughout w/ 3% Actinolite-lined fractures chaotic/35 TCA; part of larger veined E1H interval; LCT with vein 20 TCA													
Alteration :													
		<i>Type/Intensity/Texture</i>											
		BIO 2 PRV											
Mineralization Maj. :													
		<i>Type/GSZ%/HABIT</i>											
55.60 - 58.60		PY	GS1	0.5 DIS									
55.60 - 58.60		PO	GS1	1 DIS									
Comment													
Dism Sulphides in E1H assoc w/ mod brx veining													
Dism Sulphides in E1H assoc w/ mod brx veining													
Feature 2:													



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
		Type V2A Quartz_carb_actinolite_vein QLF: BRX GS1 FOL									
58.60	60.00	Feature 1	PED36346	58.60	59.25	0.65	0.40	0.396	-	-	396.00
		Type V2_BX Quartz_Vein_with_Fragments QLF: FRG BRX VND Brecciated Qtz Actinolite vein in Hi Ti basalt; creamy qtz vein with very angular host rock frags in silicious matrix; Actinolite alteration of brx fractures and host rock frags; 3% Po/Py mineralization predominantly in E1H adjacent to vein contacts; LCT 25 TCA	PED36348	59.25	60.00	0.75	1.48	1.480	-	-	1476.00
		Alteration : Type/Intensity/Texture AC 2 LOC SIL 4 PRV									
		Structure: 58.60 - 60.00 Alpha: 20 Beta: 0 Type/GEN/Intensity V2_BX 3 CA1: 20 CA2: 25									
		Mineralization Maj. : Type/GSZ%/HABIT 58.60 - 60.00 PY GS1 2 DIS 58.60 - 60.00 PO GS1 3 DIS									
		Comment Breccia-Fault vein; Sulphides predominantly in adjacent host rock Breccia-Fault vein; Sulphides predominantly in adjacent host rock									
		Feature 2: Type E1H High_titanium_basalt									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 30 0									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		QLF: FRG BRX VND									
60.00	60.85	Feature 1	PED36349	60.00	60.85	0.85	1.83	1.830	-	-	1826.00
		<p style="margin-left: 20px;">Type</p> <p>E1H High_titanium_basalt</p> <p style="margin-left: 20px;">Dyke <input type="checkbox"/> % 0 Thickness 0 Colour C Vein</p> <p>QLF: GS1 FOL BRK</p> <p>Hi Ti Basalt; Dark Green/Black; Aphanitic-VFG; brx texture throughout w/ 3% Po-mineralized hairline fractures chaotic/35 TCA; part of larger veined E1H interval; LCT with vein 30 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 1 PRV</p> <p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>60.00 - 60.85 PY GS1 1 DIS Hairline fractures in E1H lined/infilled with Po</p> <p>60.00 - 60.85 PO GS1 5 DIS Hairline fractures in E1H lined/infilled with Po</p>									
60.85	61.25	Feature 1	PED36350	60.85	61.25	0.40	0.71	0.708	-	-	708.00
		<p style="margin-left: 20px;">Type</p> <p>V2_BX Quartz_Vein_with_Fragments</p> <p style="margin-left: 20px;">Dyke <input type="checkbox"/> % 60 Thickness 0 Colour C Vein</p> <p>QLF: BRX FRA FOL</p> <p>Brecciated Qtz Actinolite vein in Hi Ti basalt; smokey qtz vein with angular host rock frags in silicious matrix; Actinolite alteration of brx fractures and host rock frags; 3% Po/Py mineralization predominantly in E1H adjacent to vein contacts; LCT 40 TCA</p> <p>Alteration : Type/Intensity/Texture AMP AC 2 LOC</p>									



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Hole Number **305-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV									
		Structure:									
	60.85 - 61.25	Alpha: 40 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: CA2: 35 40									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
	E1H	High_titanium_basalt	☐	40	0						
		QLF: BRX FRA FOL									
61.25	62.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	E1H	High_titanium_basalt	☐	0	0						
		QLF: GS1 FOL									
		Hi Ti Basalt; Dark Green/Black; Aphanitic-VFG; brx texture throughout w/ 5-7% Po-mineralized hairline fractures chaotic/35 TCA; part of larger veined E1H interval; LCT with vein 45 TCA									
		Alteration :									
		Type/Intensity/Texture BIO 1 PRV									
		Mineralization Maj. :									
	60.85 - 62.00	Type/GSZ%/HABIT PY GS1 1 DIS									
	60.85 - 62.00	PO GS1 10 DIS									
		Comment									
		Po assoc with Breccia fault veining; and downhole adjacent rock									
		Po assoc with Breccia fault veining; and downhole adjacent rock									



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
62.00	62.30	Feature 1	PED36352	62.00	62.30	0.30	0.08	0.084	-	-	84.00
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 85</p> <p>QLF: ALT BRX SCH</p> <p>Sheared/Altered BK; mixed green/grey/brown; strong shearing fabric 50 TCA w/ silica flooding throughout; LCT with V2_Bx 50 discordant to fabric</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 2 LOC</p> <p style="margin-left: 40px;">AC 3 PRV</p>									
		<p>Feature 2:</p> <p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt <input type="checkbox"/> 0 15</p> <p>QLF: ALT BRX SCH</p>									
62.30	62.70	Feature 1	PED36353	62.30	62.70	0.40	0.10	0.101	-	-	101.00
		<p style="text-align: center;">Type</p> <p>V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 0 0</p> <p>QLF: BRX ALT</p> <p>Brecciated Qtz Actinolite vein in Altered E0B; creamy qtz vein with semi-angular host rock frags in silicious matrix; Actinolite alteration of brx fractures and host rock frags; trace sulphides LCT 65 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">AC 2 PRV</p> <p>Structure:</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	62.30 - 62.70	Alpha: 60 Type/GEN/Intensity V2_BX 3 Beta: 0 CA1: 55 CA2: 65									
62.70	64.10	Feature 1	PED36354	62.70	63.35	0.65	0.30	0.304	-	-	304.00
		Type E0B Komatiitic_basalt QLF: ALT BRX SCH Sheared/Altered BK; mixed green/grey/brown; strong shearing fabric 50 TCA w/ silica flooding throughout; LCT with E1H 35 TCA	PED36355	63.35	64.10	0.75	0.55	0.546	-	-	546.00
		Dyke % Thickness Colour Vein □ 0 0									
		Alteration : Type/Intensity/Texture BIO 1 LOC AC 3 PRV									
64.10	72.75	Feature 1	PED36356	64.10	64.85	0.75	0.41	0.410	-	-	410.00
		Type E1H High_titanium_basalt QLF: GS1 FOL Hi Ti Basalt; Dark Green/Black; Aphanitic-VFG; brx texture throughout w/ 3% Po-mineralized hairline fractures chaotic/ 35 TCA; part of larger veined E1H interval; LCT with vein 30 TCA	PED36357	64.85	65.60	0.75	0.38	0.384	-	-	384.00
		Dyke % Thickness Colour Vein □ 0 0	PED36358	65.60	66.15	0.55	1.26	1.260	-	-	1256.00
		Alteration : Type/Intensity/Texture BIO 2 PRV	PED36359	66.15	66.75	0.60	0.13	0.129	-	-	129.00
		Mineralization Maj. : Type/GSZ%/HABIT Comment	PED36360	66.75	67.50	0.75	0.07	0.065	-	-	65.00
			PED36361	67.50	68.10	0.60	0.59	0.593	-	-	593.00
			PED36362	68.10	68.65	0.55	0.04	0.036	-	-	36.00
			PED36363	68.65	69.20	0.55	0.07	0.068	-	-	68.00
			PED36364	69.20	70.00	0.80	0.13	0.125	-	-	125.00
			PED36366	70.00	71.00	1.00	0.05	0.045	-	-	45.00



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)		
	64.10 - 72.25	PY	GS1	1	DIS	Dism Sulphides in E1h	PED36367	71.00	71.70	0.70	0.12	0.123	-	-	123.00	
	64.10 - 72.25	PO	GS1	2.5	DIS	Dism Sulphides in E1h	PED36368	71.70	72.75	1.05	0.75	0.748	-	-	748.00	
72.75	80.90	Feature 1					PED36369	72.75	73.35	0.60	0.02	0.015	-	-	15.00	
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>								
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0										
		QLF: SHD GS1														
		Talc Zone; Med-Green; Creamy talcose stringers; moderate sheared fabric throughout 40/225 TCA;														
		Alteration : Type/Intensity/Texture														
		TLC 3 PRV														
80.90	81.55	Feature 1														
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>								
		I0E	Lamprophyre	<input type="checkbox"/>	0	0										
		QLF:														
		Lamp Dyke; Dark Grey; FG; Foliated 45/170 TCA; low-mod carb content; low magnetism; LCT with E0T 45/130 TCA														
		Alteration : Type/Intensity/Texture														
		AMP														
		SIL														
		BIO														
81.55	88.60	Feature 1					PED36370	87.70	88.60	0.90	0.01	0.007	-	-	7.00	



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SHD GS1</p> <p>Talc Zone; Med-Green; Creamy talcose stringers; moderate sheared fabric throughout 55/210 TCA; Faulted LCT 25/65 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 3 PRV</p>									
88.60	90.20	Feature 1	PED36371	88.60	89.60	1.00	0.05	0.045	-	-	45.00
		<p>Type</p> <p>V1 Carbonate_vein</p> <p>QLF: COL GS1 BRX</p> <p>Colloform Carb vein; Creamy white-med grain; whisps of actinolite; whisps of tourmaline assoc w/ brx texture; barren of sulphides; LCT with V2A 50/140 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>CB 3 PRV</p> <p>Structure:</p> <p>88.60 - 90.20 Alpha: 25 Beta: 65</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>V1 2 25 50</p>	PED36372	89.60	90.20	0.60	0.01	0.008	-	-	8.00
90.20	91.80	Feature 1	PED36373	90.20	91.05	0.85	0.46	0.458	-	-	458.00
		<p>Type</p> <p>V2_BX Quartz_Vein_with_Fragments</p> <p>QLF: V2A 50/140 TCA</p>	PED36374	91.05	91.80	0.75	2.06	2.060	-	-	2056.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)													
		<p>QLF: BRX FRA</p> <p>Brecciated Qtz Actinolite Vein; Smokey Grey; strong fractured texture throughout; fractures commonly lined with actinolite; pods of Po/Py Min assoc w/ brecciation; minor V1 Carb veining; LCT with R5 45/355 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">AC 2 PRV</p> <p style="margin-left: 40px;">SIL 4 PRV</p> <p>Structure:</p> <p>90.20 - 91.80 Alpha: 50 Beta: 140</p> <p style="margin-left: 40px;">Type/GEN/Intensity</p> <p style="margin-left: 80px;">V2_BX 3 CA1: CA2:</p> <p style="margin-left: 120px;">50 45</p> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <p>90.20 - 91.80 PY GS1 1 DIS Comment</p> <p style="margin-left: 20px;">Brecciated Qtz Actinolite vein; pods of Po/Py in silicific breccia mix</p> <p>90.20 - 91.80 PO GS1 2.5 DIS Brecciated Qtz Actinolite vein; pods of Po/Py in silicific breccia mix</p> <p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V1 Carbonate_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">10</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: BRX FRA</p>	Type	Dyke	%	Thickness	Colour	Vein	V1 Carbonate_vein	<input type="checkbox"/>	10	0												
Type	Dyke	%	Thickness	Colour	Vein																			
V1 Carbonate_vein	<input type="checkbox"/>	10	0																					
91.80	92.65	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>R5 Sulphides</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: SHD PLA MIN</p> <p>R5; Po Sulphide replacement; Med Brown/Green; brassy; Sheared downhole contact of V2A/V1 vein interval</p>	Type	Dyke	%	Thickness	Colour	Vein	R5 Sulphides	<input type="checkbox"/>	0	0			PED36375	91.80	92.25	0.45	2.39	2.390	-	-	2395.00	
Type	Dyke	%	Thickness	Colour	Vein																			
R5 Sulphides	<input type="checkbox"/>	0	0																					
			PED36377	92.25	92.65	0.40	1.98	1.980	-	-	1985.00													



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		with 40% Po // to shearing 30/135									
		Structure:									
	91.80 - 92.65	Alpha: 30 Beta: 135 Type/GEN/Intensity R5 4									
		CA1: CA2: 45 60									
		Mineralization Maj. : Type/GSZ%/HABIT									
	91.80 - 92.65	PO GS1 40 DIS									
		Comment									
		Sheared R5 at downhole contact of Carb/qtz vein									
92.65	94.10	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		Dyke <input type="checkbox"/>									
		% 60									
		Thickness 0									
		Colour									
		Vein									
		QLF: DEF PLA									
		Intermixed E1H and E0B; lt-med green to dark brown; brecciated material forming interbanded Hi Ti and UM; planar foliation with minor shearing 60/140; LCT irregular with V2A									
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 PRV									
		BIO 2 PRV									
		Feature 2:									
		Type									
		E1H High_titanium_basalt									
		Dyke <input type="checkbox"/>									
		% 40									
		Thickness 0									
		Colour									
		Vein									
		QLF: DEF PLA									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
94.10	94.45	Feature 1	PED36382	94.10	94.45	0.35	0.04	0.041	-	-	41.00
		<p>Type</p> <p>V2A Quartz_carb_actinolite_vein</p> <p>QLF: BRK PLA</p> <p>Qtz Actinolite Vein; Smokey grey with green actinolite flecks; mod brx texture; barren; LCT 45/160 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">AMP</p> <p style="padding-left: 40px;">AC 2 LOC</p> <p style="padding-left: 40px;">SIL 3 PRV</p> <p>Structure:</p> <p>94.10 - 94.45 Alpha: 45 Beta: 160</p> <p style="padding-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">V2A 2</p>									
94.45	94.95	Feature 1	PED36383	94.45	94.95	0.50	0.51	0.512	-	-	512.00
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: DEF PLA</p> <p>Intermixed E1H and E0B; It-med green to dark brown; brecciated material forming interbanded Hi Ti and UM; planar foliation with minor shearing 45/210; LCT 50/190 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 2 PRV</p>									
		Feature 2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: DEF PLA</p>									
		<p>Dyke <input type="checkbox"/> % 40 Thickness 0 Colour Vein</p>									
94.95	98.95	Feature 1	PED36384	94.95	95.85	0.90	0.13	0.131	-	-	131.00
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SHD PLA GS1</p> <p>Talc Zone; Med-Green; Creamy talcose stringers; moderate sheared fabric throughout 55/170 TCA; LCT irregular with V2A</p>	PED36385	95.85	96.85	1.00	0.02	0.020	-	-	20.00
		<p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p>	PED36386	96.85	97.95	1.10	0.04	0.040	-	-	40.00
		<p>Alteration : Type/Intensity/Texture</p> <p>TLC 3 PRV</p>	PED36387	97.95	98.95	1.00	0.02	0.016	-	-	16.00
98.95	99.50	Feature 1	PED36388	98.95	99.50	0.55	15.45	>10.00	15.45	-	0000.0
		<p>Type</p> <p>V2A Quartz_carb_actinolite_vein</p> <p>QLF: BRK IRG</p> <p>Qtz Actinolite Vein; Smokey grey with green actinolite flecks; mod brx texture; barren; LCT 25/235 TCA</p>									
		<p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p>									
		<p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>AC 2 LOC</p> <p>SIL 3 PRV</p>									
		Structure:									



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	98.95 - 99.50	Alpha: 25 Type/GEN/Intensity V2A 2									
		Beta: 235 CA1: CA2: 25 35									
99.50	101.50	Feature 1	PED36389	99.50	100.95	1.45	0.08	0.080	-	-	80.00
		Type	PED36390	100.95	101.50	0.55	0.15	0.148	-	-	148.00
		E0T Talc_rich_unit									
		QLF: SCH FOL									
		Altered Talc Zone; Med-Green; Creamy talcose stringers; moderate sheared fabric throughout 50/185 TCA; minor pervasive silicification; LCT 50/130 TCA									
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		TLC 3 PRV									
101.50	103.30	Feature 1	PED36391	101.50	102.50	1.00	0.09	0.088	-	-	88.00
		Type	PED36392	102.50	103.30	0.80	0.00	<0.005	-	-	5.00
		E0B Komatiitic_basalt									
		QLF: SHD ALT									
		Sheared BK; med green; strong sheared fabric 50/170 TCA throughout BK unit; Barren; LCT 30/235 TCA									
		Structure:									
	101.50 - 103.30	Alpha: 50 Type/GEN/Intensity SHD 2									
		Beta: 170 CA1: CA2: 50 30									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
103.30	104.35	Feature 1	PED36393	103.30	104.35	1.05	0.00	<0.005	-	-	5.00
		<p style="text-align: center;"><i>Type</i></p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: SHD GS1</p> <p>Altered Talc Zone; Med-Green; Creamy talcose stringers; moderate sheared fabric throughout 50/200 TCA; minor pervasive silicification; LCT 30/105 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;"><i>Type/Intensity/Texture</i></p> <p style="padding-left: 20px;">AMP</p> <p style="padding-left: 20px;">SIL 2 PRV</p> <p style="padding-left: 20px;">TLC 2 PRV</p>									
104.35	108.95	Feature 1	PED36394	104.35	104.85	0.50	0.04	0.041	-	-	41.00
		<p style="text-align: center;"><i>Type</i></p> <p>E1H <i>High_titanium_basalt</i></p> <p>QLF: GS1 FOL MIN</p> <p>Hi Ti Basalt; Dark Green/Black; Aphanitic-VFG; mod-strong foliation 60/180 throughout; background v2/v2a veining increases towards contacts with major vein units; Strong FLT1 faulting from 105.9-106.63 m 55/200 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;"><i>Type/Intensity/Texture</i></p> <p style="padding-left: 20px;">SIL 1 VND</p> <p style="padding-left: 20px;">BIO 2 PRV</p> <p>Structure:</p> <p>105.90 - 106.63 Alpha: 55 Beta: 200</p>	PED36395	104.85	105.75	0.90	0.02	0.019	-	-	19.00
			PED36396	105.75	106.75	1.00	0.02	0.019	-	-	19.00
			PED36397	106.75	107.10	0.35	0.04	0.040	-	-	40.00
			PED36399	107.10	107.65	0.55	0.09	0.093	-	-	93.00
			PED36400	107.65	108.20	0.55	0.58	0.577	-	-	577.00
			PED36401	108.20	108.95	0.75	0.37	0.368	-	-	368.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity FLT1 2									
		CA1: CA2: 50 55									
		Mineralization Maj. : Type/GSZ%/HABIT									
	104.85 - 108.20	PO GS1 2 DIS									
		Comment Dism sulphides in E1H									
	108.20 - 108.95	PY GS1 2 DIS									
		Comment Sulphides increasing towards Breccia Fault Vein									
	108.20 - 108.95	PO GS1 5 DIS									
		Comment Sulphides increasing towards Breccia Fault Vein									
108.95	110.10	Feature 1	PED36402	108.95	109.65	0.70	1.59	1.590	-	-	1594.00
		Type	PED36403	109.65	110.10	0.45	3.44	3.440	-	-	3442.00
		V2_BX Quartz_Vein_with_Fragments									
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein									
		QLF: BRK FRG FOL									
		Brecciated Qtz Vein; Smokey Grey; angular fragments of E1H within Silicious groundmass; mineralization concentrated in angular fragments and adjacent host rock; strong foliation/imbrication ~50/190TCA; LCT 45/150									
		Alteration :									
		Type/Intensity/Texture AMP SIL BIO									
		Structure:									
	108.95 - 110.10	Alpha: 45									
		Beta: 150									
		Type/GEN/Intensity V2_BX 3									
		CA1: CA2: 20 45									
		Mineralization Maj. : Type/GSZ%/HABIT									
	108.95 - 110.10	PO GS1 0 DIS									
		Comment Breccia-Fault veining with strong Po mineralization in adjacent host rock									



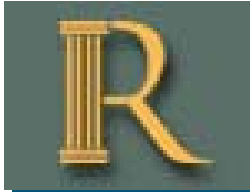
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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
110.10	119.30	Feature 1	PED36405	110.10	110.85	0.75	1.41	1.410	-	-	1407.00
		Type	PED36406	110.85	111.25	0.40	0.04	0.044	-	-	44.00
		E1H High_titanium_basalt	PED36407	111.25	111.55	0.30	0.18	0.179	-	-	179.00
		QLF: GS1 FOL	PED36408	111.55	112.60	1.05	0.09	0.089	-	-	89.00
		Hi Ti Basalt; Dark Brown/Black; Aphanitic-VFG; mod-strong foliation 60/180 throughout; 2% mm-scaled Qtz/Qtz carb veinlets offed -60/180 TCA; increase in Alteration/Mineralization/veining from 118.65-119.3 m EOH	PED36409	112.60	112.90	0.30	0.13	0.125	-	-	125.00
			PED36410	112.90	113.75	0.85	0.15	0.151	-	-	151.00
			PED36411	113.75	114.35	0.60	0.29	0.289	-	-	289.00
		Alteration :	PED36412	114.35	114.65	0.30	1.44	1.440	-	-	1438.00
		Type/Intensity/Texture	PED36414	114.65	115.20	0.55	0.23	0.227	-	-	227.00
		BIO 2 PRV	PED36415	115.20	115.75	0.55	0.09	0.093	-	-	93.00
		Mineralization Maj. :	PED36416	115.75	116.35	0.60	0.06	0.059	-	-	59.00
		Type/GSZ%/HABIT	PED36417	116.35	117.00	0.65	0.31	0.311	-	-	311.00
		110.10 - PY GS1 1 DIS	PED36418	117.00	117.85	0.85	0.10	0.103	-	-	103.00
		114.65 Sulphides in Host E1H adjacent to background veins	PED36419	117.85	118.65	0.80	0.17	0.173	-	-	173.00
		110.10 - PO GS1 4 DIS	PED36420	118.65	119.10	0.45	1.54	1.540	-	-	1538.00
		114.65 - PO GS1 1 DIS	PED36421	119.10	119.30	0.20	5.04	5.040	-	-	5045.00
		118.65 Minor Sulphides in E1H									



DRILL HOLE REPORT

Hole Number **305-17-13**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 24.73	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -58.94	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 216	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 08-Apr-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 08-Apr-17				Surveyed: yes
Logged: 01-May-17				Surveyed by: Mark Cottrell

Comment: Collar burried in mud, elevation estimated based on 305-17-07 (-45 hole) at same line
3 samples at EOH were omitted by the logger. Added in Feb 2019, when omission was discovered. - DS

Coordinate - Gemcom	Coordinate - UTM
East: 10423.049	East: 448455.12
North: 49983.195	North: 5663651.83
Elev.: 5065.741	Elev.: 65.74
	Zone: 15N NAD: NAD83

Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	24.73	-58.94	C	<input checked="" type="checkbox"/>	
0.10	24.70	-58.94	Gyro	<input checked="" type="checkbox"/>	
5.10	24.42	-58.93	Gyro	<input checked="" type="checkbox"/>	
10.10	24.32	-58.93	Gyro	<input checked="" type="checkbox"/>	
15.00	20.84	-59.22	DeviShot	<input type="checkbox"/>	Replaced by gyro
15.10	24.13	-58.90	Gyro	<input checked="" type="checkbox"/>	
20.10	23.99	-58.98	Gyro	<input checked="" type="checkbox"/>	
25.10	23.94	-59.01	Gyro	<input checked="" type="checkbox"/>	
30.10	23.94	-58.98	Gyro	<input checked="" type="checkbox"/>	
35.10	23.89	-59.04	Gyro	<input checked="" type="checkbox"/>	
40.10	23.81	-59.12	Gyro	<input checked="" type="checkbox"/>	
45.10	23.68	-59.11	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
50.10	23.69	-59.10	Gyro	<input checked="" type="checkbox"/>	
51.00	22.42	-59.10	DeviShot	<input type="checkbox"/>	Replaced by gyro
55.10	23.56	-59.18	Gyro	<input checked="" type="checkbox"/>	
60.10	23.64	-59.16	Gyro	<input checked="" type="checkbox"/>	
65.10	23.73	-59.19	Gyro	<input checked="" type="checkbox"/>	
70.10	23.55	-59.21	Gyro	<input checked="" type="checkbox"/>	
75.10	23.70	-59.25	Gyro	<input checked="" type="checkbox"/>	
80.10	23.66	-59.24	Gyro	<input checked="" type="checkbox"/>	
85.10	23.53	-59.33	Gyro	<input checked="" type="checkbox"/>	
90.10	23.56	-59.34	Gyro	<input checked="" type="checkbox"/>	
95.10	23.51	-59.37	Gyro	<input checked="" type="checkbox"/>	
100.10	23.44	-59.46	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-13

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
102.00	22.70	-59.90	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
105.10	23.52	-59.43	Gyro	<input checked="" type="checkbox"/>	
110.10	23.10	-59.38	Gyro	<input checked="" type="checkbox"/>	
115.10	22.70	-59.37	Gyro	<input checked="" type="checkbox"/>	
120.10	22.43	-59.30	Gyro	<input checked="" type="checkbox"/>	
125.10	22.32	-59.38	Gyro	<input checked="" type="checkbox"/>	
130.10	21.80	-59.36	Gyro	<input checked="" type="checkbox"/>	
135.10	21.56	-59.29	Gyro	<input checked="" type="checkbox"/>	
140.10	21.42	-59.39	Gyro	<input checked="" type="checkbox"/>	
145.10	21.35	-59.30	Gyro	<input checked="" type="checkbox"/>	
150.00	20.54	-59.30	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
150.10	21.39	-59.41	Gyro	<input checked="" type="checkbox"/>	
155.10	21.40	-59.48	Gyro	<input checked="" type="checkbox"/>	
160.10	21.29	-59.45	Gyro	<input checked="" type="checkbox"/>	
165.10	21.17	-59.28	Gyro	<input checked="" type="checkbox"/>	
170.10	21.03	-59.01	Gyro	<input checked="" type="checkbox"/>	
175.10	20.88	-58.81	Gyro	<input checked="" type="checkbox"/>	
180.10	20.73	-58.67	Gyro	<input checked="" type="checkbox"/>	
185.10	20.54	-58.65	Gyro	<input checked="" type="checkbox"/>	
190.10	20.49	-58.71	Gyro	<input checked="" type="checkbox"/>	
195.10	20.61	-58.63	Gyro	<input checked="" type="checkbox"/>	
200.10	20.74	-58.63	Gyro	<input checked="" type="checkbox"/>	
201.00	17.40	-58.90	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
205.10	20.96	-58.58	Gyro	<input checked="" type="checkbox"/>	
210.10	20.91	-58.58	Gyro	<input checked="" type="checkbox"/>	
216.00	31.40	-58.80	DeviSh ot	<input type="checkbox"/>	No good; Replaced by gyro



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
0.00	5.60	Feature 1									
		<p>Type</p> <p>E1A Basalt Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: GS1 FOL</p> <p>Basalt; Dark Green; aphanitic - VFG; wk foliation 50 TCA; barren; LCT with E0T</p>									
5.60	46.10	Feature 1									
		<p>Type</p> <p>E0T Talc_rich_unit Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: FOL SCH GS1</p> <p>Talc Zone; Med-Dk Green with creamy white talcose stringers 25-40TCA; VFG; LCT defined by shear zone 20/245 TCA (Confidence level: 4)</p>	PED33592	44.25	45.00	0.75	0.05	0.046	-	-	46.00
			PED33593	45.00	45.45	0.45	0.04	0.041	-	-	41.00
			PED33594	45.45	46.10	0.65	0.21	0.206	-	-	206.00
		<p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PRV</p>									
		<p>Structure:</p> <p>21.40 - 22.30 Alpha: 10 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">V1 2 10 30</p>									
		<p>45.00 - 46.00 Alpha: 20 Beta: 245</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FLT 3 10 20</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
46.10	102.05	Feature 1	PED33595	46.10	46.70	0.60	1.95	1.950	-	-	1948.00
		Type	PED33596	46.70	47.20	0.50	8.12	8.120	-	-	3116.00
		E0T Talc_rich_unit	PED33597	47.20	48.20	1.00	0.13	0.134	-	-	134.00
		QLF: ALT BRK FOL	PED33598	48.20	49.20	1.00	0.12	0.119	-	-	119.00
		Talc Unit; Biotite-altered; mod brecciated/deformed texture present throughout unit; sporadic qtz veining/silica flooding	PED33599	49.20	49.60	0.40	0.08	0.081	-	-	81.00
			PED33600	49.60	50.20	0.60	0.02	0.018	-	-	18.00
			PED33601	50.20	51.20	1.00	0.02	0.023	-	-	23.00
			PED33602	51.20	52.00	0.80	0.07	0.073	-	-	73.00
			PED33603	52.00	53.00	1.00	0.02	0.024	-	-	24.00
			PED33604	53.00	54.00	1.00	0.03	0.025	-	-	25.00
			PED33605	54.00	55.00	1.00	0.07	0.072	-	-	72.00
			PED33606	55.00	55.60	0.60	0.02	0.023	-	-	23.00
			PED33607	55.60	56.10	0.50	0.08	0.084	-	-	84.00
			PED33608	56.10	56.95	0.85	8.06	8.060	-	-	3059.00
			PED33609	56.95	57.50	0.55	0.04	0.040	-	-	40.00
			PED33610	57.50	58.50	1.00	0.01	0.010	-	-	10.00
			PED33611	67.10	68.10	1.00	0.01	0.006	-	-	6.00
			PED33612	68.10	69.10	1.00	0.06	0.058	-	-	58.00
			PED33613	69.10	69.70	0.60	0.09	0.094	-	-	94.00
			PED33614	69.70	70.70	1.00	2.86	2.860	-	-	2861.00
			PED33615	70.70	71.70	1.00	0.01	0.011	-	-	11.00
			PED33617	71.70	72.70	1.00	0.04	0.037	-	-	37.00
			PED33618	97.00	98.00	1.00	0.01	0.007	-	-	7.00
			PED33619	98.00	99.00	1.00	0.00	<0.005	-	-	5.00
			PED33620	99.00	100.10	1.10	0.00	<0.005	-	-	5.00
			PED33621	100.10	101.10	1.00	0.00	<0.005	-	-	5.00
			PED33622	101.10	102.05	0.95	0.01	0.011	-	-	11.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
102.05	107.70	Feature 1	PED33623	102.05	102.75	0.70	0.21	0.210	-	-	210.00
		<i>Type</i>	PED33625	102.75	103.65	0.90	0.15	0.153	-	-	153.00
		V2A Quartz_carb_actinolite_vein	PED33626	103.65	104.20	0.55	0.06	0.060	-	-	60.00
		QLF:	PED33627	104.20	105.00	0.80	0.03	0.028	-	-	28.00
		Smokey grey Qtz Actinolite veining and Silica flooding in E0T unit; Talc alteration mostly destroyed; Veining 45 TCA with splays into host E0T as flooding; barren to trace sulphides	PED33628	105.00	105.50	0.50	0.02	0.022	-	-	22.00
			PED33629	105.50	106.50	1.00	0.01	0.006	-	-	6.00
			PED33630	106.50	107.10	0.60	0.04	0.044	-	-	44.00
			PED33631	107.10	107.70	0.60	0.01	0.010	-	-	10.00
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		AMP									
		SIL									
		BIO									
		Structure:									
		102.05 - 107.70									
		Alpha: 40									
		Beta: 0									
		<i>Type/GEN/Intensity</i>									
		V2 3									
		CA1: 35									
		CA2: 50									
107.70	200.70	Feature 1	PED33632	107.70	108.50	0.80	0.00	<0.005	-	-	5.00
		<i>Type</i>	PED33633	130.00	130.55	0.55	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit	PED33634	130.55	131.50	0.95	0.00	<0.005	-	-	5.00
		QLF: SCH PLA	PED33635	131.50	132.50	1.00	0.00	<0.005	-	-	5.00
		Talc; Med-Dark Grey with white-creamy talcose stringers; locally sheared/brecciated; mod foliation throughout; see oriented data for measurements; LCT with LAMP 60 TCA	PED33636	132.50	133.25	0.75	0.01	0.007	-	-	7.00
			PED33637	133.25	134.10	0.85	0.01	0.006	-	-	6.00
			PED33638	134.10	135.00	0.90	0.00	<0.005	-	-	5.00
			PED33639	135.00	136.00	1.00	0.01	0.009	-	-	9.00
			PED33640	136.00	137.00	1.00	0.00	<0.005	-	-	5.00
			PED33641	137.00	138.00	1.00	0.00	<0.005	-	-	5.00
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		TLC 3 PRV									
		Structure:									
		130.55 - 134.10									
		Alpha: 30									
		Beta: 300									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Type/GEN/Intensity	CA1:	CA2:	PED33642	138.00	138.80	0.80	0.00	<0.005	-	-	5.00
		FLT2 2	30	35	PED33643	146.75	147.65	0.90	0.00	<0.005	-	-	5.00
		SHD 2	30	35	PED33644	147.65	148.35	0.70	0.01	0.010	-	-	10.00
149.15 - 152.00		Alpha: 40	Beta: 300		PED33645	148.35	149.15	0.80	0.02	0.018	-	-	18.00
		Type/GEN/Intensity	CA1:	CA2:	PED33646	149.15	150.00	0.85	0.00	<0.005	-	-	5.00
		FLT2 2	40	25	PED33647	150.00	151.00	1.00	0.00	<0.005	-	-	5.00
		SHD 2	40	25	PED33648	151.00	152.00	1.00	0.00	<0.005	-	-	5.00
165.30 - 166.15		Alpha: 40	Beta: 0		PED33650	152.00	153.00	1.00	0.00	<0.005	-	-	5.00
		Type/GEN/Intensity	CA1:	CA2:	PED36113	161.40	162.10	0.70	0.01	0.008	-	-	8.00
		SHD 2	35	45	PED36114	162.10	162.75	0.65	0.03	0.025	-	-	25.00
		V2 2	35	45	PED36115	162.75	163.20	0.45	0.02	0.017	-	-	17.00
166.15 - 182.70		Alpha: 45	Beta: 0		PED36116	163.20	164.20	1.00	0.00	<0.005	-	-	5.00
		Type/GEN/Intensity	CA1:	CA2:	PED36117	164.20	165.30	1.10	0.02	0.019	-	-	19.00
		SHD 2	35	50	PED36118	165.30	166.15	0.85	0.01	0.007	-	-	7.00
182.70 - 185.30		Alpha: 35	Beta: 0		PED36120	166.15	167.00	0.85	0.01	0.012	-	-	12.00
		Type/GEN/Intensity	CA1:	CA2:	PED36121	167.00	167.70	0.70	0.00	<0.005	-	-	5.00
		SHD 3	30	40	PED36122	167.70	168.40	0.70	0.00	<0.005	-	-	5.00
					PED36123	180.00	181.00	1.00	0.00	<0.005	-	-	5.00
					PED36124	181.00	182.00	1.00	0.00	<0.005	-	-	5.00
					PED36125	182.00	182.70	0.70	0.01	0.013	-	-	13.00
					PED36126	182.70	183.40	0.70	0.01	0.006	-	-	6.00
					PED36127	183.40	184.00	0.60	0.02	0.018	-	-	18.00
					PED36129	184.00	184.70	0.70	0.01	0.008	-	-	
					PED36130	184.70	185.30	0.60	0.00	<0.005	-	-	
					PED36131	185.30	186.30	1.00	0.00	<0.005	-	-	
200.70	205.95	Feature 1											
		Type	Dyke	%	Thickness	Colour	Vein						



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		I0E Lamprophyre QLF: GS0 MAG LAMP; black; aphanitic-VFG: massive; Low Carb content and magnetism; LCT 70 TCA																			
205.95	210.40	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS0 FOL BK; med grey; Aphanitic-VFG; wk foliation 60 TCA; minor Talc-alteration throughout; LCT with LAMP 20 TCA Alteration : Type/Intensity/Texture TLC 1 PRV	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																		
210.40	211.65	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS0 MAS LAMP; black; aphanitic-VFG: massive; Low Carb content and magnetism; LCT 50 TCA	Type	Dyke	%	Thickness	Colour	Vein	I0E Lamprophyre	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
I0E Lamprophyre	<input type="checkbox"/>	0	0																		
211.65	216.00	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein													
Type	Dyke	%	Thickness	Colour	Vein																



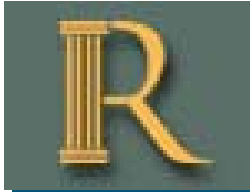
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-13

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		E0B <i>Komatiitic_basalt</i>									
		<i>QLF:</i> GS1 FOL									
		BK; med grey; Aphanitic-VFG; wk foliation 60 TCA; minor Talc-alteration throughout; LCT in EOH									
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>									
		TLC 1 PRV									



DRILL HOLE REPORT

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 104.48	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -26.94	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 303	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 18-May-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 22-May-17				Surveyed: yes
Logged: 07-Jun-17				Surveyed by: Mark Cottrell

Comment: Hole intersected historic DDH from 156-156.25 m ~15 to 20 TCA

Coordinate - Gemcom	Coordinate - UTM
East: 10221.886	East: 448366.54
North: 50059.093	North: 5663847.73
Elev.: 5067.023	Elev.: 67.02
	Zone: 15N NAD: NAD83

Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	104.48	-26.94	C	<input checked="" type="checkbox"/>	
0.10	104.47	-26.94	Gyro	<input checked="" type="checkbox"/>	
10.10	104.62	-26.84	Gyro	<input checked="" type="checkbox"/>	
15.00	106.43	-26.62	DeviShot	<input type="checkbox"/>	Replaced by gyro
20.10	104.65	-26.86	Gyro	<input checked="" type="checkbox"/>	
30.10	104.46	-26.81	Gyro	<input checked="" type="checkbox"/>	
40.10	104.29	-26.93	Gyro	<input checked="" type="checkbox"/>	
50.10	104.19	-27.17	Gyro	<input checked="" type="checkbox"/>	
51.00	107.74	-26.96	DeviShot	<input type="checkbox"/>	Replaced by gyro
60.10	104.25	-27.34	Gyro	<input checked="" type="checkbox"/>	
70.10	104.25	-27.45	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
102.00	106.50	-27.60	DeviShot	<input checked="" type="checkbox"/>	
150.00	106.10	-28.40	DeviShot	<input checked="" type="checkbox"/>	
201.00	105.29	-28.44	DeviShot	<input checked="" type="checkbox"/>	
252.00	107.00	-28.90	DeviShot	<input checked="" type="checkbox"/>	
303.00	109.40	-29.00	DeviShot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	6.05	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SCH FRA ALT</p> <p>Talc Zone; Dark Green/Blue/Grey; aphanitic to VFG;strongly sheared 40 TCA; locally faulted; LCT 45 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>4.50 - 4.80 Alpha: 60 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">FLT 4 45 65</p>									
6.05	8.20	Feature 1									
		<p style="text-align: center;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: GS1 FRA</p> <p>Lamp Dyke; Dark Green/Black; aphanitic; Fractures/Blackline faults 45 TCA; mod carb content; wk magnetism; LCT defined by 3 cm Carb vein 40 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">CB 2 PRV</p>									
8.20	9.00	Feature 1									
		<p style="text-align: center;">Type</p> <p style="text-align: center;">Dyke % Thickness Colour Vein</p>									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 QLF: SCH Talc Zone; Dark Green/Blue/Grey; aphanitic to VFG;strongly sheared 35 TCA; LCT 45 TCA Alteration : Type/Intensity/Texture TLC 2 PRV																			
9.00	10.95	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS1 FRA Lamp Dyke; Dark Green/Black; aphanitic; Fractures/Blackline faults 45 TCA; mod carb content; wk magnetism; 1% Py throughout; LCT defined by 3 cm Carb vein 40 TCA Alteration : Type/Intensity/Texture CB 2 PRV	Type	Dyke	%	Thickness	Colour	Vein	I0E Lamprophyre	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
I0E Lamprophyre	<input type="checkbox"/>	0	0																		
10.95	14.90	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: Talc Zone; Dark Green/Blue/Grey; aphanitic to VFG;strongly sheared 35 TCA; LCT 45 TCA Alteration : Type/Intensity/Texture AMP SIL	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																		



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO									
		Structure:									
	10.95 - 14.90	Alpha: 45 Type/GEN/Intensity FLT 3									
		Beta: 0 CA1: CA2: 40 50									
14.90	15.75	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I0E Lamprophyre	<input type="checkbox"/>	0	0						
		QLF:									
		Lamp Dyke; Dark Green/Black; aphanitic; Fractures/Blackline faults 45 TCA; mod carb content; wk magnetism; LCT Faulted 20TCA									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
15.75	75.80	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0						
		QLF: FOL SCH									
		Talc Zone; Med Green/Grey with creamy talcose stringers; VFG; Foliated to locally sheared/faulted 30 to 50 TCA; LCT 30 TCA									
		Alteration :									
		Type/Intensity/Texture									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture TLC 3 PRV									
		Structure:									
	15.75 - 18.00	Alpha: 50 Type/GEN/Intensity FLT 4									
		Beta: 0 CA1: 45 CA2: 55									
	23.35 - 23.50	Alpha: 40 Type/GEN/Intensity FLT 2									
		Beta: 0 CA1: 35 CA2: 45									
	26.00 - 26.65	Alpha: 30 Type/GEN/Intensity FLT 2									
		Beta: 0 CA1: 25 CA2: 35									
	48.95 - 53.50	Alpha: 25 Type/GEN/Intensity FLT 1 SHD 2									
		Beta: 0 CA1: 25 CA2: 30 CA1: 25 CA2: 30									
	69.80 - 75.80	Alpha: 45 Type/GEN/Intensity FLT 2									
		Beta: 0 CA1: 40 CA2: 50									
75.80	78.60	Feature 1	PED36922	77.15	78.05	0.90	0.00	<0.005	-	-	5.00
		Type Dyke % Thickness Colour Vein	PED36923	78.05	78.60	0.55	0.00	<0.005	-	-	5.00
		IOE Lamprophyre <input type="checkbox"/> 0 0									
		QLF: FLT BRX Lamp Dyke; Dark Brown/Black; Strong Brx Texture 25 TCA;; heavily faulted LCT 78.2-78.6 m 20 TCA									
		Alteration : Type/Intensity/Texture CB 2 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Structure:											
	78.20 - 78.60	Alpha: 20 Beta: 0 Type/GEN/Intensity FLT3 4									
		CA1: 20 CA2: 20									
78.60	84.85	Feature 1	PED36925	78.60	79.60	1.00	0.00	<0.005	-	-	5.00
		Type	PED36926	79.60	80.50	0.90	0.01	0.010	-	-	10.00
		E0T Talc_rich_unit	PED36927	80.50	81.00	0.50	0.04	0.042	-	-	42.00
		QLF: SCH FLT ALT	PED36928	81.00	82.05	1.05	0.01	0.007	-	-	7.00
		E0T; Med Green/Grey; creamy talcose stringers; Strongly sheared/faulted throughout 25 TCA; Faulted downhole contact with I0E 25 TCA	PED36929	82.05	83.15	1.10	0.02	0.017	-	-	17.00
			PED36930	83.15	83.85	0.70	0.00	<0.005	-	-	5.00
			PED36931	83.85	84.85	1.00	0.00	<0.005	-	-	5.00
		Alteration :									
		Type/Intensity/Texture TLC 3 BAN									
Structure:											
	78.60 - 81.00	Alpha: 30 Beta: 0 Type/GEN/Intensity FLT 3									
		CA1: 15 CA2: 35									
84.85	88.20	Feature 1	PED36932	84.85	85.85	1.00	0.01	0.008	-	-	8.00
		Type	PED36933	85.85	87.00	1.15	0.01	0.011	-	-	11.00
		I0E Lamprophyre	PED36934	87.00	88.20	1.20	0.01	0.008	-	-	8.00
		QLF: GS1 FOL SHD									
		Lamp Dyke; Aphanitic-FG; Black; Foliated/Sheared 35 TCA; minor brx texture // to fol; LCT 45 TCA									
		Alteration :									
		Type/Intensity/Texture									



LITHOLOGY REPORT

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Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CB 2 PRV									
88.20	89.15	Feature 1	PED36935	88.20	89.15	0.95	0.01	0.005	-	-	5.00
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: FOL SHD</p> <p>Talc Zone; Med Green/Grey with creamy talcose stringers; VFG; Foliated to locally sheared/faulted 30 to 50 TCA; LCT 30 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO</p> <p>Structure:</p> <p>88.20 - 89.15 Alpha: 50 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">FLT 3 CA1: 35 CA2: 55</p>									
89.15	89.50	Feature 1	PED36936	89.15	89.50	0.35	0.00	<0.005	-	-	5.00
		<p style="margin-left: 20px;">Type</p> <p>I0E <i>Lamprophyre</i></p> <p>QLF: BRX ALT</p> <p>Lamp Dyke; Aphanitic-FG; Black; Foliated/Sheared 35 TCA; mod-strong brx texture // to fol; LCT 65 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 3 PRV</p>									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
89.50	91.00	Feature 1	PED36937	89.50	90.00	0.50	0.03	0.028	-	-	28.00
		<i>Type</i>	PED36938	90.00	91.00	1.00	0.06	0.056	-	-	56.00
		<i>Dyke</i> <input type="checkbox"/> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>									
		E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0									
		<i>QLF:</i> SHD FLT									
		Talc Zone; Med Green/Grey with creamy talcose stringers; VFG; Foliated to locally sheared/faulted sub-// TCA to 30 TCA;									
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>									
		TLC 3 PRV									
		<i>Structure:</i>									
		89.50 - 91.00 Alpha: 15 Beta: 0									
		<i>Type/GEN/Intensity</i> <i>CA1:</i> <i>CA2:</i>									
		FLT 3 15 30									
91.00	93.00	Feature 1									
		<i>Type</i>									
		ZGC <i>Ground_core</i> <input type="checkbox"/> 0 0									
		<i>QLF:</i>									
		2 m ground core; could be faulted (poor ground up-hole from Lost core)									
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>									
		AMP									
		SIL									
		BIO									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
93.00	109.85	Feature 1	PED36939	101.45	102.45	1.00	0.00	<0.005	-	-	5.00
		Type	PED36940	102.45	102.80	0.35	0.00	<0.005	-	-	5.00
		Dyke % Thickness Colour Vein	PED36941	102.80	103.65	0.85	0.00	<0.005	-	-	5.00
		E0A Peridotitic_komatiite <input type="checkbox"/> 0 0									
		QLF: GS1 DEF RCX									
		Talc Unit; multiple flows of altered Basaltic Komatiite (Could be Perioditic Komatiite)									
		Alteration : Type/Intensity/Texture									
		TLC 3 PRV									
		Structure:									
		102.45 - 102.80 Alpha: 45 Beta:									
		Type/GEN/Intensity CA1: CA2:									
		V1 2 45 45									
109.85	117.35	Feature 1	PED36942	116.35	117.35	1.00	0.05	0.047	-	-	47.00
		Type									
		Dyke % Thickness Colour Vein									
		E0T Talc_rich_unit <input type="checkbox"/> 0 0									
		QLF: SCH GS1									
		Talc zone; Dark Green/Blue; creamy talcose stringers; strong fol/shear fabric @ 40 TCA; common fractures // to fol; LCT 30 TCA									
		Alteration : Type/Intensity/Texture									
		TLC 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA																			
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)																			
117.35	119.40	Feature 1	PED36943	117.35	118.40	1.05	0.04	0.041	-	-	41.00																		
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: FOL GS1 MIN Hi Ti; Dark Green/Grey; VFG; strong foliation @ 30 TCA; 2-3% mm-scale Qtz carb stringers // to fol; 2-3% Po flecks increasing in intensity downhole towards V2_BX contact; LCT @ 30 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 2 PRV</p> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <table border="0"> <tr> <td>118.40 - 119.40</td> <td>PY GS1 1 DIS</td> <td>Dism sulphides in E1H increasing in intensity downhole towards V2_BX contact</td> </tr> <tr> <td>118.40 - 119.40</td> <td>PO GS1 2 DIS</td> <td>Dism sulphides in E1H increasing in intensity downhole towards V2_BX contact</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	0	0			118.40 - 119.40	PY GS1 1 DIS	Dism sulphides in E1H increasing in intensity downhole towards V2_BX contact	118.40 - 119.40	PO GS1 2 DIS	Dism sulphides in E1H increasing in intensity downhole towards V2_BX contact	PED36944	118.40	119.40	1.00	21.55	>10.000	21.55	-	0000.0
Type	Dyke	%	Thickness	Colour	Vein																								
E1H High_titanium_basalt	☐	0	0																										
118.40 - 119.40	PY GS1 1 DIS	Dism sulphides in E1H increasing in intensity downhole towards V2_BX contact																											
118.40 - 119.40	PO GS1 2 DIS	Dism sulphides in E1H increasing in intensity downhole towards V2_BX contact																											
119.40	121.25	Feature 1	PED36945	119.40	119.90	0.50	19.30	>10.000	19.30	-	0000.0																		
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">75</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: MIN BRX STK Brecciated Qtz vein with angular Hi-Ti Fragments; VF-FG; Dark/Smokey Grey to Dark Brown; Strong Brx texture throughout; up to 10% AsPy with 2-4% Po/Py/Cpy; mineralization assoc w/ strongest brecciation; LCT 55 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 2 LOC SIL 3 VND</p> <p>Structure: 119.40 - 121.25 Alpha: 40 Beta: 0</p>	Type	Dyke	%	Thickness	Colour	Vein	V2_BX Quartz_Vein_with_Fragments	☐	75	0			PED36947	119.90	120.30	0.40	24.07	>10.000	24.07	-	0000.0						
Type	Dyke	%	Thickness	Colour	Vein																								
V2_BX Quartz_Vein_with_Fragments	☐	75	0																										
			PED36948	120.30	120.60	0.30	29.60	>10.000	29.60	-	0000.0																		
			PED36949	120.60	121.25	0.65	21.16	>10.000	21.16	-	0000.0																		



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																		
122.95	136.55	Feature 1	PED36954	122.95	123.30	0.35	2.70	2.700	-	-	2700.00																		
		Type I3 Felsic_intrusive QLF: GS1 FOL VND Felsic Dyke; light-dark grey; becoming brown with localized bio alteration; 3-5% mm-cm Scale 30 TCA with 5 cm V2A 135-135.3 m @ 15 TCA; xenolithic downhole contact @ 50 TCA Alteration : <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td><td></td></tr> <tr><td>SIL 2 VND</td><td></td></tr> <tr><td>BIO 2 PRV</td><td></td></tr> </table> Structure: 122.95 - 123.30 Alpha: 35 Beta: 0 <table style="margin-left: 20px;"> <tr><td>Type/GEN/Intensity</td><td>CA1:</td><td>CA2:</td></tr> <tr><td>FLT 4</td><td>30</td><td>40</td></tr> </table> Mineralization Maj. : <table style="margin-left: 20px;"> <tr><td>Type/GSZ%/HABIT</td><td>Comment</td></tr> <tr><td>123.00 - 123.30 PO GS1 5 DIS</td><td>*VG* 15+ PinPricks of VG in interstitial gouge material within faulted E1H/I3 Contact</td></tr> <tr><td>123.00 - 123.30 VG GS1 1 SPK</td><td>*VG* 15+ PinPricks of VG in interstitial gouge material within faulted E1H/I3 Contact</td></tr> </table>	Type/Intensity/Texture		SIL 2 VND		BIO 2 PRV		Type/GEN/Intensity	CA1:	CA2:	FLT 4	30	40	Type/GSZ%/HABIT	Comment	123.00 - 123.30 PO GS1 5 DIS	*VG* 15+ PinPricks of VG in interstitial gouge material within faulted E1H/I3 Contact	123.00 - 123.30 VG GS1 1 SPK	*VG* 15+ PinPricks of VG in interstitial gouge material within faulted E1H/I3 Contact	PED36956	123.30	124.00	0.70	0.13	0.130	-	-	130.00
Type/Intensity/Texture																													
SIL 2 VND																													
BIO 2 PRV																													
Type/GEN/Intensity	CA1:	CA2:																											
FLT 4	30	40																											
Type/GSZ%/HABIT	Comment																												
123.00 - 123.30 PO GS1 5 DIS	*VG* 15+ PinPricks of VG in interstitial gouge material within faulted E1H/I3 Contact																												
123.00 - 123.30 VG GS1 1 SPK	*VG* 15+ PinPricks of VG in interstitial gouge material within faulted E1H/I3 Contact																												
			PED36957	124.00	125.00	1.00	0.20	0.204	-	-	204.00																		
			PED36958	125.00	126.00	1.00	0.41	0.406	-	-	406.00																		
			PED36959	126.00	127.00	1.00	0.19	0.190	-	-	190.00																		
			PED36960	127.00	128.00	1.00	1.04	1.040	-	-	1043.00																		
			PED36961	128.00	129.00	1.00	0.17	0.173	-	-	173.00																		
			PED36962	129.00	130.00	1.00	1.62	1.620	-	-	1622.00																		
			PED36963	130.00	131.00	1.00	0.10	0.095	-	-	95.00																		
			PED36964	131.00	132.00	1.00	0.13	0.126	-	-	126.00																		
			PED36965	132.00	133.00	1.00	0.17	0.166	-	-	166.00																		
			PED36966	133.00	133.70	0.70	0.13	0.126	-	-	126.00																		
			PED36967	133.70	134.60	0.90	0.16	0.164	-	-	164.00																		
			PED36968	134.60	135.00	0.40	0.35	0.348	-	-	348.00																		
			PED36969	135.00	135.30	0.30	0.27	0.270	-	-	270.00																		
			PED36971	135.30	135.70	0.40	0.06	0.060	-	-	60.00																		
			PED36972	135.70	136.15	0.45	0.14	0.137	-	-	137.00																		
			PED36973	136.15	136.55	0.40	0.80	0.796	-	-	796.00																		
136.55	156.25	Feature 1	PED36974	136.55	137.45	0.90	1.14	1.140	-	-	1139.00																		
		Type E0T Talc_rich_unit QLF: SCH GS1 Talc zone; light-med green; creamy talcose stringers; mod fol/shear fabric @ 40 TCA; common fractures // to fol; LCT 55 TCA Alteration : <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td><td></td></tr> <tr><td>TLC 3 PRV</td><td></td></tr> </table>	Type/Intensity/Texture		TLC 3 PRV		PED36975	154.40	155.35	0.95	0.11	0.105	-	-	105.00														
Type/Intensity/Texture																													
TLC 3 PRV																													
			PED36976	155.35	156.23	0.88	0.13	0.125	-	-	125.00																		



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA													
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)													
156.25	158.60	Feature 1	PED36977	156.23	157.50	1.27	0.96	0.955	-	-	955.00												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein		<input type="checkbox"/>	0	0			PED36978	157.50	158.60	1.10	0.39	0.391	-	-	391.00
Type	Dyke	%	Thickness	Colour	Vein																		
	<input type="checkbox"/>	0	0																				
		<p>I3 Felsic_intrusive</p> <p>QLF: ALT FOL</p> <p>Felsic Dyke; light-dark grey; becoming brown with localized bio alteration; 2% mm-cm Scale 30 to 50 TCA; mod foliation @ 55 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 2 LOC</p>																					
158.60	166.65	Feature 1	PED36979	158.60	159.55	0.95	0.49	0.491	-	-	491.00												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein		<input type="checkbox"/>	0	0			PED36980	165.80	166.65	0.85	0.08	0.078	-	-	78.00
Type	Dyke	%	Thickness	Colour	Vein																		
	<input type="checkbox"/>	0	0																				
		<p>E0T Talc_rich_unit</p> <p>QLF: SCH</p> <p>Talc zone; light-med green; creamy talcose stringers; mod fol/shear fabric @ 40 TCA; common fractures // to fol 55/285 TCA; LCT 55 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p>																					



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
166.65	176.30	Feature 1	PED36981	166.65	167.60	0.95	0.02	0.023	-	-	23.00
		Type	PED36982	167.60	168.30	0.70	0.05	0.053	-	-	53.00
		E1H High_titanium_basalt	PED36983	168.30	169.30	1.00	0.04	0.037	-	-	37.00
		QLF: GS0 FOL	PED36984	169.30	170.15	0.85	0.12	0.117	-	-	117.00
		Hi Ti Basalt; Dark Green/Brown to Black; Aphanitic to VFG; Mod-Strong Fol @ 40 TCA; 2% Po dism throughough with intensity increasing proxmial V2_BX from 172.15-172.6 m; LCT 65 TCA	PED36985	170.15	171.10	0.95	0.13	0.125	-	-	125.00
			PED36986	171.10	172.15	1.05	0.10	0.103	-	-	103.00
			PED36987	172.15	172.60	0.45	1.20	1.200	-	-	1204.00
		Alteration : Type/Intensity/Texture	PED36989	172.60	173.30	0.70	0.15	0.150	-	-	150.00
		BIO 2 PRV	PED36990	173.30	174.30	1.00	0.04	0.037	-	-	37.00
		Mineralization Maj. : Type/GSZ%/HABIT	PED36991	174.30	175.20	0.90	0.04	0.039	-	-	39.00
		168.30 - PO GS1 2 DIS	PED36992	175.20	176.30	1.10	0.11	0.112	-	-	112.00
		172.15									
		Comment									
		Dism Sulphides in Hi Ti									
176.30	182.50	Feature 1	PED36993	176.30	177.30	1.00	0.04	0.037	-	-	37.00
		Type	PED36994	177.30	178.30	1.00	0.02	0.018	-	-	18.00
		E0T Talc_rich_unit	PED36995	178.30	179.30	1.00	0.01	0.010	-	-	10.00
		QLF: GS1 FOL	PED36996	179.30	180.30	1.00	0.00	<0.005	-	-	5.00
		Talc-Altered BK; Med Green; moderate talc alteration; mod foliation @ 50 TCA; trace qtz stringers @ 25 TCA; LCT 15 TCA	PED36997	180.30	181.30	1.00	0.00	<0.005	-	-	5.00
			PED36998	181.30	182.25	0.95	0.00	<0.005	-	-	5.00
		Alteration : Type/Intensity/Texture									
		TLC 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
182.50	196.45	Feature 1	PED36999	182.25	183.00	0.75	0.21	0.207	-	-	207.00
		Type	PED37000	183.00	183.80	0.80	0.17	0.168	-	-	168.00
		I3 Felsic_intrusive	PED37001	183.80	184.75	0.95	0.25	0.253	-	-	253.00
		QLF: VND GS1 ALT	PED37002	184.75	185.70	0.95	0.22	0.217	-	-	217.00
		Felsic Dyke; Med Grey to Dark Grey/Brown; VFG; mod bio alteration throughout assoc w/ 3-5% mm-1 cm Qtz veinlets @ 25 to 50 TCA; LCT 20 TCA	PED37003	185.70	186.70	1.00	0.99	0.992	-	-	992.00
			PED37004	186.70	187.70	1.00	0.45	0.447	-	-	447.00
			PED37005	187.70	188.80	1.10	2.12	2.120	-	-	2123.00
			PED37006	188.80	189.85	1.05	0.31	0.308	-	-	308.00
			PED37007	189.85	190.95	1.10	0.37	0.366	-	-	366.00
			PED37008	190.95	191.55	0.60	0.12	0.123	-	-	123.00
		Feature 2:	PED37010	191.55	192.30	0.75	0.70	0.695	-	-	695.00
		Type	PED37011	192.30	193.20	0.90	0.18	0.178	-	-	178.00
		V2 Quartz_vein	PED37012	193.20	193.70	0.50	0.46	0.456	-	-	456.00
		QLF: VND GS1 ALT	PED37013	193.70	194.50	0.80	0.58	0.579	-	-	579.00
			PED37014	194.50	195.25	0.75	1.25	1.250	-	-	1253.00
			PED37015	195.25	196.45	1.20	0.53	0.530	-	-	530.00
196.45	213.55	Feature 1	PED37016	196.45	197.40	0.95	0.96	0.962	-	-	962.00
		Type	PED37017	212.50	213.55	1.05	0.77	0.771	-	-	771.00
		E0B Komatiitic_basalt									
		QLF: GS1 FOL									
		E0B; Med-Dark Green; Aphanitic-VFG; mod fol @ 35 TCA; minor fractures // to fol; LCT 40 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 1 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
213.55	218.60	Feature 1	PED37018	213.55	214.15	0.60	0.51	0.505	-	-	505.00
		Type	PED37019	214.15	214.95	0.80	0.73	0.726	-	-	726.00
		I3 Felsic_intrusive	PED37020	214.95	216.00	1.05	1.29	1.290	-	-	1292.00
		QLF: GS1 VND FOL	PED37021	216.00	216.70	0.70	1.05	1.050	-	-	1050.00
		Felsic Dyke; Med Grey to Dark Grey/Brown; VFG; mod bio alteration throughout assoc w/ 5-7% mm-1 cm Qtz veinlets @ 25 to 50 TCA; LCT 55 TCA	PED37022	216.70	217.55	0.85	0.79	0.792	-	-	792.00
			PED37023	217.55	218.60	1.05	0.50	0.497	-	-	497.00
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL 2 VND									
		BIO 1 PRV									
		Feature 2:									
		Type									
		V2 Quartz_vein									
		QLF: GS1 VND FOL									
218.60	226.55	Feature 1	PED37024	218.60	219.60	1.00	1.94	1.940	-	-	1937.00
		Type	PED37025	225.55	226.55	1.00	0.04	0.040	-	-	40.00
		E0T Talc_rich_unit									
		QLF: SCH ALT PLA									
		Talc-Altered BK; Med Green; mod-strong talc alteration; mod foliation; locally schistose @ 40 TCA; LCT 35 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
226.55	236.85	Feature 1	PED37026	226.55	227.50	0.95	0.76	0.759	-	-	759.00
		Type	PED37027	227.50	228.20	0.70	0.60	0.597	-	-	597.00
		Dyke % Thickness Colour Vein	PED37028	228.20	229.05	0.85	0.88	0.884	-	-	884.00
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED37029	229.05	229.65	0.60	0.88	0.875	-	-	875.00
		QLF:	PED37030	229.65	230.45	0.80	0.56	0.555	-	-	555.00
		Felsic Dyke; Med Grey to Dark Grey/Brown; VFG; mod bio alteration throughout assoc w/ 5-7% mm-1 cm qtz veinlets @ 25 to 50 TCA; strong fol/schistose from 232.45-239.9 m LCT 55 TCA	PED37032	230.45	231.30	0.85	0.70	0.704	-	-	704.00
		Alteration :	PED37033	231.30	232.45	1.15	0.48	0.479	-	-	479.00
		Type/Intensity/Texture	PED37034	232.45	233.10	0.65	0.55	0.547	-	-	547.00
		AMP	PED37035	233.10	233.90	0.80	0.68	0.681	-	-	681.00
		SIL	PED37036	233.90	234.80	0.90	0.81	0.811	-	-	811.00
		BIO	PED37037	234.80	235.80	1.00	0.58	0.577	-	-	577.00
		Structure:	PED37038	235.80	236.40	0.60	0.53	0.528	-	-	528.00
		232.45 - 239.90 Alpha: 55 Beta: 0	PED37039	236.40	236.85	0.45	0.32	0.323	-	-	323.00
236.85	238.75	Feature 1	PED37040	236.85	237.85	1.00	3.90	3.900	-	-	3902.00
		Type	PED37041	237.85	238.35	0.50	2.04	2.040	-	-	2045.00
		Dyke % Thickness Colour Vein	PED37042	238.35	238.75	0.40	8.47	8.470	-	-	3466.00
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0									
		QLF: FOL GS1									
		E0B; Med-Dark Green; Aphanitic-VFG; strong fol @ 40 TCA; minor fractures // to fol; LCT 40 TCA									
		Alteration :									
		Type/Intensity/Texture									
		AMP									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
238.75	289.45	Feature 1	PED37043	238.75	239.20	0.45	1.61	1.610	-	-	1614.00
		Type	PED37044	239.20	240.25	1.05	0.59	0.589	-	-	589.00
		I3 Felsic_intrusive	PED37045	240.25	240.90	0.65	0.57	0.570	-	-	570.00
		QLF: GS1 VND FOL	PED37047	240.90	241.50	0.60	0.43	0.428	-	-	428.00
		Felsic Dyke; Med Grey to Dark Grey/Brown; VFG; mod bio alteration throughout assoc w/ 5-7% mm-1 cm Qtz veinlets @ 25 to 50 TCA; strong fol/schistose from 240.25-240.9 m; LCT 55 TCA	PED37048	241.50	242.15	0.65	0.74	0.739	-	-	739.00
			PED37049	242.15	242.55	0.40	0.60	0.599	-	-	599.00
			PED37050	242.55	243.75	1.20	0.91	0.909	-	-	909.00
			PED37051	243.75	244.15	0.40	0.57	0.571	-	-	571.00
			PED37052	244.15	245.00	0.85	0.44	0.439	-	-	439.00
			PED37053	245.00	246.00	1.00	0.42	0.416	-	-	416.00
			PED37054	246.00	247.00	1.00	0.56	0.562	-	-	562.00
			PED37055	247.00	248.00	1.00	0.49	0.493	-	-	493.00
			PED37056	248.00	249.20	1.20	0.75	0.747	-	-	747.00
			PED37057	249.20	249.75	0.55	0.54	0.538	-	-	538.00
			PED37058	249.75	250.80	1.05	0.54	0.543	-	-	543.00
			PED37059	250.80	251.35	0.55	2.74	2.740	-	-	2742.00
			PED37060	251.35	251.85	0.50	0.52	0.519	-	-	519.00
			PED37061	251.85	252.90	1.05	0.80	0.798	-	-	798.00
			PED37062	252.90	253.55	0.65	0.33	0.328	-	-	328.00
			PED37063	253.55	254.20	0.65	0.51	0.509	-	-	509.00
			PED37064	254.20	255.00	0.80	0.29	0.293	-	-	293.00
			PED37065	255.00	255.85	0.85	0.46	0.464	-	-	464.00
			PED37066	255.85	256.25	0.40	0.35	0.350	-	-	350.00
			PED37067	256.25	256.80	0.55	0.50	0.495	-	-	495.00
			PED37069	256.80	257.90	1.10	0.54	0.535	-	-	535.00
			PED37070	257.90	258.75	0.85	0.50	0.503	-	-	503.00
			PED37071	258.75	259.75	1.00	0.42	0.423	-	-	423.00



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED37072	259.75	260.50	0.75	0.31	0.309	-	-	309.00
			PED37073	260.50	261.25	0.75	0.37	0.374	-	-	374.00
			PED37074	261.25	262.10	0.85	0.73	0.733	-	-	733.00
			PED37075	262.10	262.90	0.80	0.61	0.609	-	-	609.00
			PED37076	262.90	264.00	1.10	4.31	4.310	-	-	4315.00
			PED37077	264.00	265.00	1.00	0.78	0.784	-	-	784.00
			PED37078	265.00	265.75	0.75	0.72	0.717	-	-	717.00
			PED37079	265.75	266.45	0.70	0.58	0.577	-	-	577.00
			PED37081	266.45	266.85	0.40	1.63	1.630	-	-	1633.00
			PED37082	266.85	267.30	0.45	0.69	0.691	-	-	691.00
			PED37083	267.30	268.00	0.70	2.45	2.450	-	-	2445.00
			PED37084	268.00	268.70	0.70	1.42	1.420	-	-	1415.00
			PED37085	268.70	269.45	0.75	0.31	0.314	-	-	314.00
			PED37086	269.45	269.80	0.35	0.40	0.400	-	-	400.00
			PED37087	269.80	270.80	1.00	1.91	1.910	-	-	1907.00
			PED37088	270.80	271.80	1.00	0.85	0.851	-	-	851.00
			PED37089	271.80	272.75	0.95	0.21	0.205	-	-	205.00
			PED37090	272.75	273.60	0.85	0.23	0.230	-	-	230.00
			PED37091	273.60	274.60	1.00	0.29	0.287	-	-	287.00
			PED37092	274.60	275.40	0.80	0.27	0.265	-	-	265.00
			PED37093	275.40	276.40	1.00	0.27	0.268	-	-	268.00
			PED37094	276.40	277.40	1.00	0.37	0.366	-	-	366.00
			PED37095	277.40	278.40	1.00	0.19	0.192	-	-	192.00
			PED37096	278.40	279.50	1.10	0.57	0.574	-	-	574.00
			PED37097	279.50	280.00	0.50	0.33	0.325	-	-	325.00
			PED37099	280.00	280.95	0.95	0.47	0.468	-	-	468.00
			PED37100	280.95	282.05	1.10	1.04	1.040	-	-	1043.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED37101	282.05	283.05	1.00	0.58	0.575	-	-	575.00
			PED37102	283.05	284.05	1.00	0.52	0.523	-	-	523.00
			PED37103	284.05	284.75	0.70	18.61	>10.00	18.61	-	0000.0
			PED37104	284.75	285.30	0.55	0.77	0.765	-	-	765.00
			PED37105	285.30	286.00	0.70	11.92	>10.00	11.92	-	0000.0
			PED37106	286.00	286.70	0.70	0.46	0.458	-	-	458.00
			PED37107	286.70	287.30	0.60	0.41	0.406	-	-	406.00
			PED37108	287.30	287.85	0.55	0.65	0.654	-	-	654.00
			PED37109	287.85	288.45	0.60	0.56	0.559	-	-	559.00
			PED37110	288.45	289.45	1.00	0.84	0.837	-	-	837.00
289.45	289.95	Feature 1	PED37111	289.45	289.95	0.50	0.10	0.102	-	-	102.00
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: GS1 FOL</p> <p>BK; Med-Dark Green; VFG; foliated 40 TCA; LCT 20 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>CHL 2 PRV</p>	<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;"><input type="checkbox"/> 0 0</p>								
289.95	291.00	Feature 1	PED37112	289.95	290.55	0.60	0.13	0.128	-	-	128.00
		<p style="text-align: center;">Type</p> <p>V2_BX Quartz_Vein_with_Fragments</p> <p>QLF: BRX FRG PLA</p> <p>Brecciated Qtz Actinolite vein; actinolite-altered fragments of host rock within creamy qtz vein; becoming banded downhole; barren of sulphides; gradational downhole contact @ 40 TCA</p> <p>Alteration : Type/Intensity/Texture</p>	<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;"><input type="checkbox"/> 0 0</p>								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		AMP SIL 3 PRV AC 2 BAN									
		Structure: 289.95 - 291.00 Alpha: 40 Beta: 0 Type/GEN/Intensity CA1: CA2: V2_BX 3 40 40									
		Feature 2: Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0 QLF: BRX FRG PLA									
291.00	292.05	Feature 1	PED37115	291.00	292.00	1.00	0.02	0.019	-	-	19.00
		Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0 QLF: GS1 FOL BK; Med-Dark Green; VFG; foliated 40 TCA; LCT 40 TCA									
		Alteration : Type/Intensity/Texture CHL 2 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
292.05	295.80	Feature 1	PED37116	292.00	292.40	0.40	0.01	0.012	-	-	12.00
		<i>Type</i>	PED37117	292.40	293.00	0.60	0.01	0.008	-	-	8.00
		V2_BX Quartz_Vein_with_Fragments	PED37118	293.00	293.95	0.95	0.23	0.230	-	-	230.00
		QLF: BRX FRG VND	PED37119	293.95	294.40	0.45	1.40	1.400	-	-	1403.00
		Brecciated Qtz Actinolite vein; actinolite-altered fragments of host rock within creamy qtz vein; Fragments appear to be mix of E1H/E0B; minor bio alteration in interstitial brx groundmass; becoming banded downhole; trace to 1 % Sulphides assoc w/ brx groundmass; sheared LCT @ 35 TCA	PED37121	294.40	294.60	0.20	2.80	2.800	-	-	2798.00
			PED37122	294.60	295.10	0.50	0.38	0.381	-	-	381.00
			PED37123	295.10	295.80	0.70	0.06	0.057	-	-	57.00
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		SIL 4 PRV									
		AC 2 PRV									
		Mineralization Maj. :									
		<i>Type/GSZ%/HABIT</i>									
		292.05 - PY GS1 0.5 DIS									
		292.05 - PO GS1 0.5 DIS									
		295.80									
		295.80									
		Trace sulphides at fragment boundaries in V2_Bx									
		Trace sulphides at fragment boundaries in V2_Bx									
		Feature 2:									
		<i>Type</i>									
		E1H High_titanium_basalt									
		QLF: BRX FRG VND									
		<i>Dyke</i>									
		%									
		<i>Thickness</i>									
		<i>Colour</i>									
		<i>Vein</i>									
295.80	296.60	Feature 1	PED37124	295.80	296.80	1.00	0.02	0.016	-	-	16.00
		<i>Type</i>									
		E0B Komatiitic_basalt									
		QLF: GS1 FOL									
		BK; Med-Dark Green; VFG; foliated 40 TCA; LCT gradational @ 35 TCA									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :		Type/Intensity/Texture							
				CHL 2 PRV							
296.60	300.00	Feature 1	PED37125	296.80	297.90	1.10	0.28	0.284	-	-	284.00
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0					
		QLF:		Talc-alterd BK; Med-Dark Green w/ creamy white stringers; strong talc alteration; foliated to locally schistose @ 45 TCA; LCT defined by 5 cm V2_BX @ 40 TCA							
		Alteration :		Type/Intensity/Texture							
				AMP SIL BIO							
300.00	300.30	Feature 1	PED37128	300.00	300.30	0.30	1.04	1.040	-	-	1039.00
		Type	Dyke	%	Thickness	Colour	Vein				
		V2_BX	Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0					
		QLF:		PLA BRX VND 5 cm Brecciated Qtz-Actinolite Vein with Fragments; no visible sulphides; vein defines contact @ 35 TCA between E0T and E1H/E0B Mix							
		Alteration :		Type/Intensity/Texture							
				AC 2 PRV							
		Structure:									



LITHOLOGY REPORT

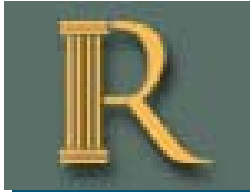
- Detailed -

Hole Number **305-17-14**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	300.00 - 300.30	Alpha: 35 Beta: 35 Type/GEN/Intensity V2_BX 3 CA1: CA2: 30 40									
300.30	303.00	Feature 1									
		Type									
		E1H High_titanium_basalt									
		QLF: BRX FRA FOL									
		Intermixed E1H/E0B; dark green/brown; VFG; brx texture throughout; foliated @ 50 TCA; 5% banded V2A veins from 1-6 cm; LCT is EOH									
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 BAN									
		CHL 2 PRV									
		BIO 2 PRV									
		Feature 2:									
		Type									
		E0B Komatiitic_basalt									
		QLF: BRX FRA FOL									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									



DRILL HOLE REPORT

Hole Number **305-17-15**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 105.66	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -33.96	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 324	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 22-May-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 25-May-17				Surveyed: yes
Logged: 10-Jun-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10221.908	East: 448366.56
			North: 50059.088	North: 5663847.72
			Elev.: 5066.898	Elev.: 66.9
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	105.66	-33.96	C	<input checked="" type="checkbox"/>	
0.10	105.33	-33.96	Gyro	<input checked="" type="checkbox"/>	
10.10	105.26	-33.80	Gyro	<input checked="" type="checkbox"/>	
15.00	106.72	-33.57	DeviShot	<input type="checkbox"/>	Replaced by gyro
20.10	105.07	-33.85	Gyro	<input checked="" type="checkbox"/>	
30.10	104.93	-33.90	Gyro	<input checked="" type="checkbox"/>	
40.10	104.92	-33.82	Gyro	<input checked="" type="checkbox"/>	
50.10	104.94	-33.86	Gyro	<input checked="" type="checkbox"/>	
51.00	108.47	-33.67	DeviShot	<input type="checkbox"/>	Replaced by gyro
60.10	105.02	-34.16	Gyro	<input checked="" type="checkbox"/>	
70.10	104.99	-34.19	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	105.08	-34.23	Gyro	<input checked="" type="checkbox"/>	
90.10	105.20	-34.19	Gyro	<input checked="" type="checkbox"/>	
100.10	105.12	-34.30	Gyro	<input checked="" type="checkbox"/>	
102.00	107.80	-34.00	DeviShot	<input type="checkbox"/>	Replaced by gyro
110.10	105.20	-34.38	Gyro	<input checked="" type="checkbox"/>	
120.10	105.06	-34.53	Gyro	<input checked="" type="checkbox"/>	
130.10	104.89	-34.77	Gyro	<input checked="" type="checkbox"/>	
140.10	105.07	-34.83	Gyro	<input checked="" type="checkbox"/>	
150.00	104.65	-34.61	DeviShot	<input type="checkbox"/>	Replaced by gyro
150.10	105.16	-34.86	Gyro	<input checked="" type="checkbox"/>	
160.10	104.81	-34.73	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-15

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	104.95	-34.77	Gyro	<input checked="" type="checkbox"/>	
180.10	105.11	-34.76	Gyro	<input checked="" type="checkbox"/>	
190.10	105.31	-34.86	Gyro	<input checked="" type="checkbox"/>	
200.10	105.59	-34.94	Gyro	<input checked="" type="checkbox"/>	
201.00	106.02	-34.55	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	105.81	-35.01	Gyro	<input checked="" type="checkbox"/>	
220.10	106.17	-35.07	Gyro	<input checked="" type="checkbox"/>	
230.10	106.25	-35.12	Gyro	<input checked="" type="checkbox"/>	
240.10	106.16	-35.23	Gyro	<input checked="" type="checkbox"/>	
250.10	106.14	-35.23	Gyro	<input checked="" type="checkbox"/>	
252.00	106.00	-33.90	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	106.11	-35.23	Gyro	<input checked="" type="checkbox"/>	
300.00	105.80	-35.00	DeviSh ot	<input checked="" type="checkbox"/>	
324.00	106.30	-34.80	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	9.20	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SCH PLA ALT</p> <p>Talc-Altered BK; Med-Dark Green; Mod-strong talc alteration; very strongly foliated to locally faulted @ sub-// to 25 TCA; LCT @ 45 TCA</p>									
		<p style="margin-left: 20px;">Dyke <input type="checkbox"/></p>	%	Thickness	Colour	Vein					
			0	0							
		<p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 2 PRV</p>									
		<p style="margin-left: 20px;">Structure:</p>									
		<p style="margin-left: 20px;">2.95 - 5.65</p> <p style="margin-left: 40px;">Alpha: 15</p> <p style="margin-left: 40px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">FLT 2</p>	Beta: 0	CA1:	CA2:						
				2	25						
		<p style="margin-left: 20px;">6.60 - 7.90</p> <p style="margin-left: 40px;">Alpha: 5</p> <p style="margin-left: 40px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">FLT 1</p>	Beta: 0	CA1:	CA2:						
				2	10						
		<p style="margin-left: 20px;">7.90 - 8.00</p> <p style="margin-left: 40px;">Alpha: 60</p> <p style="margin-left: 40px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">FLT 4</p>	Beta: 0	CA1:	CA2:						
				50	60						
		<p style="margin-left: 20px;">8.70 - 9.00</p> <p style="margin-left: 40px;">Alpha: 55</p> <p style="margin-left: 40px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">FLT 4</p>	Beta: 0	CA1:	CA2:						
				55	65						
9.20	11.40	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: GS1 FOL</p>									
		<p style="margin-left: 20px;">Dyke <input type="checkbox"/></p>	%	Thickness	Colour	Vein					
			0	0							



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-15**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
		Lamp dyke; dark green/black; VFG; mod foliation with 3% carb veins featuring big flecks of bio @ 40 TCA; mod carb content; wk magnetism; LCT sheared @ 15 TCA									
		Alteration : Type/Intensity/Texture									
		CB 1 PRV									
		BIO 2 PRV									
11.40	14.75	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0						
		QLF: SCH FOL ALT									
		Talc-Altered BK; Med-Dark Green; Mod-strong talc alteration; strong foliation to locally schistose @ 40 TCA; LCT @ 50 TCA									
		Alteration : Type/Intensity/Texture									
		TLC 2 PRV									
14.75	17.95	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0	0						
		QLF:									
		Lamp dyke; dark green/black; VFG; mod foliation with 3% carb veinlets featuring big flecks of bio @ 40 TCA; mod carb content; mod magnetism; LCT sheared @ 15 TCA									
		Alteration : Type/Intensity/Texture									
		AMP									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-15**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		SIL BIO								
17.95	48.60	Feature 1								
		Type								
		E0T Talc_rich_unit	Dyke	%	Thickness	Colour	Vein			
		QLF: SCH FOL GS1	<input type="checkbox"/>	0	0					
		Talc-Altered BK; Med-Dark Green; creamy talcose stringers Mod-strong talc alteration; strong foliation to locally schistose @ 45 TCA; LCT @ 50 TCA								
		Alteration :	Type/Intensity/Texture							
			TLC 3 PRV							
		Structure:								
		18.85 - 32.40	Alpha: 25	Beta: 0						
			Type/GEN/Intensity	CA1:	CA2:					
			SCH 3	15	30					
			FLT 3	15	30					
48.60	84.20	Feature 1								
		Type								
		E0B Komatiitic_basalt	Dyke	%	Thickness	Colour	Vein			
		QLF: BAN FOL GS1	<input type="checkbox"/>	60	0					
		Talc-Altered BK; Dark green; VFG; strongly foliated @ 45 TCA; local banded wk-mod talc alteration; 2-3% carb veinlets // to fol; LCT sheared @ 50 TCA								
		Alteration :	Type/Intensity/Texture							



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		<p><i>Alteration :</i></p> <p style="margin-left: 20px;">TLC 2 BAN</p>																			
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">40</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: BAN FOL GS1</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	40	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	40	0																		
84.20	87.95	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>FLT <i>Fault_zone</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: FLT SCH GS1</p> <p>Talc Zone; Med-Dark Blue/Grey; aphanitic-VFG; Strong faulting/schistosity 10 to 25 TCA; very poor rock strength; LCT @ 40 TCA</p>	Type	Dyke	%	Thickness	Colour	Vein	FLT <i>Fault_zone</i>	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
FLT <i>Fault_zone</i>	<input type="checkbox"/>	0	0																		
		<p><i>Alteration :</i></p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">TLC 3</p>																			
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: FLT SCH GS1</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0																		



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
87.95	88.05	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: GS1</p> <p>Lamp Dyke; Black; aphanitic-VFG; chilled contacts; rich in bio; foliated @ 40 TCA; low-mod carb content and magnetism; LCT @ 40 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO</p>								
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 0 0</p>								
88.05	100.45	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>FLT Fault_zone</p> <p>QLF: SCH PLA</p> <p>Talc Zone; Med-Dark Blue/Grey; aphanitic-VFG; Strong faulting/schistosity 10 to 25 TCA; very poor rock strength; LCT @ 40 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>84.20 - 100.45 Alpha: 15 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FLT 4 10 20</p>								
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 0 0</p>								



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0						
		QLF: SCH PLA									
100.45	131.30	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0						
		QLF: ALT GS1 SCH									
		Talc Zone; med-dark grey/blue; chaotic talcose stringers throughou predominantly @ 55 TCA; VFG; locally schistose; LCT gradational @ 70 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
		Structure:									
	118.30 - 118.60	Alpha: 30	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		V1 2	25	60							



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
131.30	141.10	Feature 1	PED37139	131.30	131.80	0.50	1.63	1.630	-	-	1626.00
		Type	PED37140	131.80	132.45	0.65	1.21	1.210	-	-	1209.00
		E1H High_titanium_basalt	PED37141	132.45	133.40	0.95	0.16	0.161	-	-	161.00
		QLF: GS1 BRX MIN	PED37142	133.40	133.95	0.55	6.19	6.190	-	-	3194.00
		Hi Ti Basalt; Dark Brown/Green; Aphanitic-VFG; deformation/brecciation/mineralization increases downhole from 138.5-141.1 m; well healed fault from 140.3-141.1 defines LCT @ 35 TCA	PED37143	133.95	134.65	0.70	0.72	0.715	-	-	715.00
			PED37144	134.65	135.40	0.75	0.10	0.102	-	-	102.00
			PED37145	135.40	136.40	1.00	0.10	0.095	-	-	95.00
			PED37146	136.40	136.95	0.55	0.06	0.062	-	-	62.00
			PED37147	136.95	137.50	0.55	0.31	0.307	-	-	307.00
			PED37148	137.50	138.50	1.00	5.78	5.780	-	-	5775.00
			PED37149	138.50	139.25	0.75	7.02	7.020	-	-	7015.00
			PED37150	139.25	140.30	1.05	3.43	3.430	-	-	3435.00
			PED37151	140.30	141.10	0.80	49.41	>10.000	49.41	-	0000.0
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		Structure:									
	140.30 - 141.10	Alpha: 20	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		R5 3	15	25							
		FLT 3	15	25							
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	138.50 - 139.50	PY GS1 3 DEF		Hi Ti Basalt; mineralization intensity increasing downhole							
	138.50 - 139.50	PO GS1 5 DIS		Hi Ti Basalt; mineralization intensity increasing downhole							
	139.50 - 140.30	PY GS1 5 DIS		Hi Ti Basalt; mineralization intensity increasing downhole; mineralization assoc w/ increase qtz veinlets							
	139.50 - 140.30	CP GS1 1 DIS		Hi Ti Basalt; mineralization intensity increasing downhole; mineralization assoc w/ increase qtz veinlets							
	139.50 - 140.30	PO GS1 10 DIS		Hi Ti Basalt; mineralization intensity increasing downhole; mineralization assoc w/ increase qtz veinlets							
	140.30 - 141.10	CP GS1 2		Hi Ti Basalt; Well healed fault at E1H/I3 Contact; strong mineralization/replacement of Faulted groundmass; trace AsPY							



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)		
	140.30 - 141.10	PY	GS1	3	DIS	Hi Ti Basalt; Well healed fault at E1H/I3 Contact; strong mineralization/replacement of Faulted groundmass; trace AsPY											
	140.30 - 141.10	PO	GS1	12	DIS	Hi Ti Basalt; Well healed fault at E1H/I3 Contact; strong mineralization/replacement of Faulted groundmass; trace AsPY											
141.10	151.55	Feature 1					PED37153	141.10	142.00	0.90	0.63	0.631	-	-	631.00		
		Type		Dyke	%	Thickness	Colour	Vein									
		I3 Felsic_intrusive		<input type="checkbox"/>	0	0			PED37154	142.00	143.00	1.00	4.16	4.160	-	-	4157.00
		QLF: GS1 BRK ALT							PED37155	143.00	144.00	1.00	1.39	1.390	-	-	1389.00
		Felsic Dyke; Med-Dark Grey; banded mod bio alteration throughout; wk-mod brx texture throughout; fractures commonly at 45 TCA and 15 TCA; LCT @ 55 TCA							PED37156	144.00	144.95	0.95	0.24	0.242	-	-	242.00
		Alteration :	Type/Intensity/Texture						PED37157	144.95	145.30	0.35	0.43	0.429	-	-	429.00
			BIO 2 BAN						PED37158	145.30	146.30	1.00	0.47	0.471	-	-	471.00
									PED37159	146.30	147.30	1.00	0.81	0.812	-	-	812.00
									PED37160	147.30	148.45	1.15	0.49	0.491	-	-	491.00
									PED37161	148.45	149.60	1.15	0.62	0.621	-	-	621.00
									PED37162	149.60	150.65	1.05	0.50	0.499	-	-	499.00
									PED37163	150.65	151.55	0.90	0.24	0.240	-	-	240.00
151.55	158.50	Feature 1					PED37164	151.55	152.50	0.95	0.02	0.024	-	-	24.00		
		Type		Dyke	%	Thickness	Colour	Vein	PED37165	152.50	153.50	1.00	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit		<input type="checkbox"/>	0	0			PED37166	153.50	154.50	1.00	0.00	<0.005	-	-	5.00
		QLF: SHD GS1							PED37167	154.50	155.50	1.00	0.00	<0.005	-	-	5.00
		Talc Zone; Med-Dark Green; Creamy talcose stringers; VFG; strong shear fabric @ 40 TCA; LCT sheared @ 50 TCA							PED37168	155.50	156.50	1.00	0.00	<0.005	-	-	5.00
		Alteration :	Type/Intensity/Texture						PED37169	156.50	157.50	1.00	0.00	<0.005	-	-	5.00
			TLC 3 PRV						PED37170	157.50	158.50	1.00	0.61	0.608	-	-	608.00



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From (m)	To (m)	Geology	Sample #	From	To	Length					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
158.50	177.50	Feature 1	PED37171	158.50	159.50	1.00	0.39	0.387	-	-	387.00
		Type	PED37172	159.50	160.50	1.00	0.52	0.523	-	-	523.00
		Dyke % Thickness Colour Vein	PED37173	160.50	161.40	0.90	0.28	0.279	-	-	279.00
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED37174	161.40	161.80	0.40	0.26	0.259	-	-	259.00
		QLF: GS1 FOL	PED37176	161.80	162.80	1.00	0.48	0.482	-	-	482.00
		Felsic Dyke; Med-Dark Grey; banded mod bio alteration throughout; wk-mod brx texture throughout; fractures commonly at 45 TCA and 15 TCA; LCT @ 65 TCA	PED37177	162.80	163.75	0.95	0.36	0.359	-	-	359.00
		Alteration : Type/Intensity/Texture	PED37178	163.75	164.70	0.95	0.39	0.387	-	-	387.00
		BIO 2 LOC	PED37179	164.70	165.55	0.85	0.34	0.339	-	-	339.00
			PED37180	165.55	166.40	0.85	0.29	0.292	-	-	292.00
			PED37181	166.40	167.40	1.00	0.48	0.480	-	-	480.00
			PED37182	167.40	168.40	1.00	0.83	0.831	-	-	831.00
			PED37183	168.40	169.40	1.00	0.73	0.730	-	-	730.00
			PED37184	169.40	170.40	1.00	0.55	0.550	-	-	550.00
			PED37185	170.40	171.40	1.00	0.58	0.580	-	-	580.00
			PED37186	171.40	172.50	1.10	0.71	0.706	-	-	706.00
			PED37187	172.50	173.50	1.00	0.59	0.593	-	-	593.00
			PED37188	173.50	174.50	1.00	0.52	0.523	-	-	523.00
			PED37189	174.50	175.50	1.00	0.49	0.486	-	-	486.00
			PED37190	175.50	176.50	1.00	3.73	3.730	-	-	3732.00
			PED37191	176.50	177.50	1.00	0.59	0.593	-	-	593.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
177.50	184.15	Feature 1	PED37192	177.50	178.50	1.00	0.31	0.312	-	-	312.00
		Type	PED37193	178.50	179.50	1.00	4.60	4.600	-	-	4597.00
		E1A Basalt	PED37194	179.50	180.50	1.00	0.03	0.030	-	-	30.00
		QLF: GS0 MAS	PED37195	180.50	181.50	1.00	0.03	0.034	-	-	34.00
		Basalt; Aphanitic-VFG; massive; LCT grading to E1H	PED37196	181.50	182.70	1.20	0.62	0.618	-	-	618.00
			PED37197	182.70	183.80	1.10	0.12	0.115	-	-	115.00
			PED37198	183.80	184.15	0.35	0.05	0.045	-	-	45.00
184.15	192.70	Feature 1	PED37200	184.15	185.10	0.95	0.42	0.415	-	-	415.00
		Type	PED37201	185.10	185.80	0.70	2.58	2.580	-	-	2579.00
		E1H High_titanium_basalt	PED37202	185.80	186.70	0.90	0.07	0.068	-	-	68.00
		QLF: GS1 MIN FOL	PED37203	186.70	187.75	1.05	0.13	0.128	-	-	128.00
		Hi Ti Basalt; Dark Green to Black; aphanitic to VFG; 2% mm-scale V2A Veinlets; 5-7% Dism Po/Py throughout most proximal to centre of interval; LCT sharp @ 35 TCA	PED37204	187.75	188.75	1.00	0.09	0.093	-	-	93.00
			PED37205	188.75	189.80	1.05	0.20	0.197	-	-	197.00
			PED37206	189.80	190.70	0.90	0.18	0.184	-	-	184.00
			PED37207	190.70	191.70	1.00	0.26	0.260	-	-	260.00
			PED37209	191.70	192.70	1.00	0.07	0.066	-	-	66.00
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		187.50 - 188.75 PY GS1 1 DIS									
		187.50 - 188.75 PO GS1 3 DIS									
		188.75 - 191.70 PY GS1 1 DIS									
		188.75 - 191.70 PO GS1 6 DIS									
		191.70 - 192.70 PY GS1 1 DIS									
			Comment								
			Dism Sulphides in foliated E1H								
			Dism Sulphides in foliated E1H								
			Dism Sulphides in foliated E1H								
			Dism Sulphides in foliated E1H								
			Dism Sulphides in foliated E1H								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	191.70 - 192.70	PO GS1 2 DIS Dism Sulphides in foliated E1H									
192.70	201.40	Feature 1	PED37210	192.70	193.70	1.00	0.03	0.025	-	-	25.00
		Type	PED37211	193.70	194.70	1.00	0.02	0.022	-	-	22.00
		E1A Basalt	PED37212	194.70	195.70	1.00	0.15	0.147	-	-	147.00
		QLF: GS0 MAS	PED37213	195.70	196.70	1.00	0.03	0.032	-	-	32.00
		Basalt; Aphanitic-VFG; massive; locally rubbled due to fractures sub-// TCA; LCT sharp @ 50 TCA	PED37214	196.70	197.70	1.00	0.03	0.029	-	-	29.00
			PED37215	197.70	198.70	1.00	0.02	0.021	-	-	21.00
			PED37216	198.70	199.70	1.00	0.07	0.072	-	-	72.00
			PED37217	199.70	200.45	0.75	0.05	0.050	-	-	50.00
			PED37218	200.45	201.40	0.95	1.01	1.010	-	-	1006.00
201.40	223.10	Feature 1	PED37219	201.40	202.00	0.60	0.34	0.344	-	-	344.00
		Type	PED37220	202.00	203.00	1.00	0.93	0.926	-	-	926.00
		I3 Felsic_intrusive	PED37221	203.00	204.00	1.00	0.57	0.566	-	-	566.00
		QLF: GS1 FOL ALT	PED37222	204.00	205.00	1.00	0.27	0.272	-	-	272.00
		Felsic Dyke; Med-Dark Grey; banded mod bio alteration throughout; wk-mod brx texture throughout; fractures commonly at 45 TCA and 15 TCA; LCT @ 45 TCA	PED37223	205.00	206.00	1.00	0.58	0.576	-	-	576.00
			PED37224	206.00	206.95	0.95	0.41	0.408	-	-	408.00
			PED37225	206.95	208.00	1.05	0.79	0.788	-	-	788.00
		Alteration :	PED37226	208.00	209.00	1.00	0.35	0.352	-	-	352.00
		Type/Intensity/Texture	PED37228	209.00	210.00	1.00	0.58	0.580	-	-	580.00
		BIO 2 BAN	PED37229	210.00	210.65	0.65	1.03	1.030	-	-	1028.00
			PED37230	210.65	211.00	0.35	24.84	>10.000	24.84	-	0000.0
			PED37231	211.00	212.00	1.00	0.20	0.204	-	-	204.00
			PED37232	212.00	213.00	1.00	0.36	0.357	-	-	357.00
			PED37233	213.00	214.00	1.00	0.75	0.745	-	-	745.00
			PED37234	214.00	214.95	0.95	0.31	0.307	-	-	307.00



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED37235	214.95	216.00	1.05	0.30	0.300	-	-	300.00
			PED37236	216.00	217.00	1.00	0.29	0.288	-	-	288.00
			PED37237	217.00	218.00	1.00	0.30	0.295	-	-	295.00
			PED37238	218.00	219.00	1.00	0.39	0.391	-	-	391.00
			PED37239	219.00	220.00	1.00	0.17	0.174	-	-	174.00
			PED37240	220.00	221.00	1.00	0.58	0.576	-	-	576.00
			PED37241	221.00	222.00	1.00	0.32	0.316	-	-	316.00
			PED37243	222.00	223.10	1.10	0.36	0.362	-	-	362.00
223.10	283.75	Feature 1	PED37244	223.10	224.10	1.00	0.27	0.274	-	-	274.00
			PED37245	282.75	283.75	1.00	0.06	0.057	-	-	57.00
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: GS1 FOL</p> <p>BK; Med-Dark Green; Aphanitic-VFG; minor talc alteration; locally grading to E0T; irregular foliation; LCT @ 40 TCA</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>TLC 1 PRV</p>	<p>Dyke <input type="checkbox"/></p> <p>% 80</p> <p>Thickness 0</p> <p>Colour</p> <p>Vein</p>								
		Feature 2:									
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: GS1 FOL</p>	<p>Dyke <input type="checkbox"/></p> <p>% 20</p> <p>Thickness 0</p> <p>Colour</p> <p>Vein</p>								
283.75	284.05	Feature 1	PED37246	283.75	284.05	0.30	0.31	0.306	-	-	306.00
		<p>Type</p>									
		<p>Dyke</p> <p>%</p> <p>Thickness</p> <p>Colour</p> <p>Vein</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
285.65	324.00	Feature 1	PED37249	285.65	286.50	0.85	1.82	1.820	-	-	1820.00
		Type	PED37250	286.50	287.50	1.00	0.74	0.741	-	-	741.00
		I3 Felsic_intrusive	PED37251	287.50	288.50	1.00	0.72	0.722	-	-	722.00
		QLF: GS1 FOL	PED37252	288.50	289.10	0.60	0.71	0.708	-	-	708.00
		Felsic Dyke; Lt-Med Grey; FG; fractured at multiple orientations; 4-5% mm-cm scaled smokey qtz veinlets; LCT is EOH	PED37253	289.10	289.90	0.80	0.67	0.671	-	-	671.00
		Alteration :	PED37254	289.90	290.90	1.00	0.44	0.438	-	-	438.00
		Type/Intensity/Texture	PED37255	290.90	292.00	1.10	0.26	0.261	-	-	261.00
		BIO 2 PRV	PED37256	292.00	292.80	0.80	0.38	0.381	-	-	381.00
			PED37257	292.80	294.00	1.20	0.41	0.411	-	-	411.00
			PED37258	294.00	295.00	1.00	0.56	0.560	-	-	560.00
			PED37259	295.00	295.90	0.90	0.30	0.295	-	-	295.00
			PED37260	295.90	297.00	1.10	0.28	0.283	-	-	283.00
			PED37262	297.00	298.00	1.00	0.66	0.661	-	-	661.00
			PED37263	298.00	299.10	1.10	0.48	0.483	-	-	483.00
			PED37264	299.10	299.65	0.55	0.28	0.275	-	-	275.00
			PED37265	299.65	300.50	0.85	0.60	0.603	-	-	603.00
			PED37266	300.50	301.45	0.95	0.35	0.351	-	-	351.00
			PED37267	301.45	302.15	0.70	0.14	0.141	-	-	141.00
			PED37268	302.15	303.00	0.85	0.23	0.228	-	-	228.00
			PED37269	303.00	303.95	0.95	0.42	0.423	-	-	423.00
			PED37270	303.95	304.45	0.50	0.34	0.343	-	-	343.00
			PED37271	304.45	305.00	0.55	0.17	0.174	-	-	174.00
			PED37272	305.00	306.00	1.00	0.61	0.605	-	-	605.00
			PED37273	306.00	307.00	1.00	0.55	0.551	-	-	551.00
			PED37274	307.00	307.45	0.45	0.59	0.588	-	-	588.00
			PED37275	307.45	308.25	0.80	0.48	0.484	-	-	484.00
			PED37276	308.25	309.00	0.75	0.34	0.343	-	-	343.00



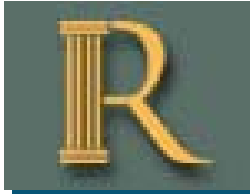
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-15

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED37277	309.00	310.00	1.00	0.57	0.570	-	-	570.00
			PED37278	310.00	311.00	1.00	0.51	0.509	-	-	509.00
			PED37280	311.00	312.00	1.00	0.51	0.511	-	-	511.00
			PED37281	312.00	313.00	1.00	0.42	0.420	-	-	420.00
			PED37282	313.00	314.00	1.00	0.51	0.512	-	-	512.00
			PED37283	314.00	315.00	1.00	0.52	0.523	-	-	523.00
			PED37284	315.00	316.00	1.00	0.44	0.439	-	-	439.00
			PED37285	316.00	316.85	0.85	0.34	0.343	-	-	343.00
			PED37286	316.85	317.75	0.90	0.24	0.241	-	-	241.00
			PED37287	317.75	318.40	0.65	0.56	0.557	-	-	557.00
			PED37288	318.40	319.40	1.00	1.55	1.550	-	-	1546.00
			PED37289	319.40	320.40	1.00	0.39	0.393	-	-	393.00
			PED37290	320.40	321.30	0.90	0.57	0.568	-	-	568.00
			PED37291	321.30	322.30	1.00	0.78	0.783	-	-	783.00
			PED37292	322.30	323.00	0.70	0.42	0.420	-	-	420.00
			PED37293	323.00	323.60	0.60	0.41	0.411	-	-	411.00
			PED37294	323.60	324.00	0.40	4.04	4.040	-	-	4037.00



DRILL HOLE REPORT

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 104.24	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -40.15	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 360	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 26-May-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 31-May-17				Surveyed: yes
Logged: 12-Jun-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10221.916	East: 448366.56
			North: 50059.081	North: 5663847.7
			Elev.: 5066.53	Elev.: 66.53
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	104.24	-40.15	C	<input checked="" type="checkbox"/>	
0.10	104.23	-40.15	Gyro	<input checked="" type="checkbox"/>	
10.10	104.43	-40.24	Gyro	<input checked="" type="checkbox"/>	
15.00	105.10	-40.30	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
20.10	104.94	-40.05	Gyro	<input checked="" type="checkbox"/>	
30.10	104.88	-39.95	Gyro	<input checked="" type="checkbox"/>	
40.10	104.77	-40.08	Gyro	<input checked="" type="checkbox"/>	
50.10	104.60	-40.38	Gyro	<input checked="" type="checkbox"/>	
51.00	107.00	-40.40	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
60.10	104.74	-40.33	Gyro	<input checked="" type="checkbox"/>	
70.10	104.77	-40.37	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	104.89	-40.43	Gyro	<input checked="" type="checkbox"/>	
90.10	105.12	-40.44	Gyro	<input checked="" type="checkbox"/>	
100.10	105.01	-40.62	Gyro	<input checked="" type="checkbox"/>	
102.00	107.87	-40.53	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
110.10	105.11	-40.66	Gyro	<input checked="" type="checkbox"/>	
120.10	104.89	-40.73	Gyro	<input checked="" type="checkbox"/>	
130.10	105.17	-41.02	Gyro	<input checked="" type="checkbox"/>	
140.10	105.00	-41.18	Gyro	<input checked="" type="checkbox"/>	
150.10	104.97	-41.27	Gyro	<input checked="" type="checkbox"/>	
153.00	106.21	-41.20	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
160.10	105.12	-41.21	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-16

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	105.31	-41.36	Gyro	<input checked="" type="checkbox"/>	
180.10	105.30	-41.54	Gyro	<input checked="" type="checkbox"/>	
190.10	105.30	-41.61	Gyro	<input checked="" type="checkbox"/>	
200.10	105.00	-41.49	Gyro	<input checked="" type="checkbox"/>	
201.00	106.60	-41.80	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	104.89	-41.55	Gyro	<input checked="" type="checkbox"/>	
220.10	105.11	-41.57	Gyro	<input checked="" type="checkbox"/>	
230.10	105.18	-41.71	Gyro	<input checked="" type="checkbox"/>	
240.10	105.39	-41.78	Gyro	<input checked="" type="checkbox"/>	
250.10	105.13	-41.89	Gyro	<input checked="" type="checkbox"/>	
252.00	107.44	-41.86	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	104.75	-41.96	Gyro	<input checked="" type="checkbox"/>	
270.10	104.54	-42.13	Gyro	<input checked="" type="checkbox"/>	
280.10	104.24	-42.20	Gyro	<input checked="" type="checkbox"/>	
290.10	103.95	-42.46	Gyro	<input checked="" type="checkbox"/>	
300.00	104.51	-42.64	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
300.10	103.49	-42.79	Gyro	<input checked="" type="checkbox"/>	
310.10	103.45	-42.92	Gyro	<input checked="" type="checkbox"/>	
320.10	103.32	-43.03	Gyro	<input checked="" type="checkbox"/>	
330.10	103.25	-43.17	Gyro	<input checked="" type="checkbox"/>	
340.10	103.60	-43.00	Gyro	<input checked="" type="checkbox"/>	
350.10	103.40	-42.92	Gyro	<input checked="" type="checkbox"/>	
351.00	103.80	-42.90	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
360.00	103.00	-43.00	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



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- Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
0.00	13.50	Feature 1	PED37296	3.45	3.90	0.45	0.01	0.011	-	-	11.00
		Type	PED37297	3.90	4.20	0.30	0.00	<0.005	-	-	5.00
		E0T Talc_rich_unit	PED37298	4.20	4.60	0.40	0.02	0.017	-	-	17.00
		QLF: FLT SCH BAN									
		Talc Zone; Med-Dark Green; Heavily Faulted @ Sub-// to 20 TCA; very poor ground conditions; LCT gradational									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
13.50	14.45	Feature 1									
		Type									
		I0E Lamprophyre									
		QLF: BRX IRG									
		Chaotic/irregular patches of Bio-rich brx carb material within E0B; possible LAMP; possible bio-rich carb brx; LCT @ 60 TCA									
		Alteration :									
		Type/Intensity/Texture									
		BIO 3 FF									
		Feature 2:									
		Type									
		E0B Komatiitic_basalt									
		QLF: BRX IRG									



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- Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA		
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
14.45	19.00	Feature 1										
		<p style="text-align: center;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: SCH GS1</p> <p>Talc Zone; Med-Dark Grey; Creamy talcose stringers; strong foliation/schistose fabric @ 25 TCA; LCT @ 30 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 3 PRV</p>	<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">☐ 0 0</p>									
19.00	19.45	Feature 1										
		<p style="text-align: center;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: BRX IRG ALT</p> <p>Lamp Dyke; Black; VFG: Large flecks of Bio in carb-rich groundmass; foliated // to contacts @ 30 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 3 PCH</p>	<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">☐ 0 0</p>									
19.45	31.65	Feature 1										
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: FOL SCH</p> <p>Talc Zone; Med-Dark Grey; Creamy talcose stringers; strong foliation/schistose fabric @ 60 TCA; LCT @ 30 TCA</p>	<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">☐ 0 0</p>	PED37299	27.00	27.55	0.55	0.00	<0.005	-	-	5.00
				PED37300	27.55	27.90	0.35	0.05	0.050	-	-	50.00
				PED37301	27.90	28.50	0.60	0.00	<0.005	-	-	5.00



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- Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									
	21.00 - 27.55	Alpha: 50									
		Type/GEN/Intensity	CA1:	CA2:							
		FLT 3	55	65							
	27.55 - 27.90	Alpha: 30									
		Type/GEN/Intensity	CA1:	CA2:							
		V2A 3	30	60							
	27.90 - 30.20	Alpha: 45									
		Type/GEN/Intensity	CA1:	CA2:							
		FLT 3	40	50							
31.65	38.85	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	60	0						
		QLF: GS1 FOL ALT									
		BK; Dark green; Aphanitic-VFG; minor talc alteration; mod fol @ 45 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				



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- Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		E0T <i>Talc_rich_unit</i> QLF: GS1 FOL ALT				40				
38.85	47.40	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0					
		QLF:								
		Faulted Talc; Dark Green/Blue; VFG; Heavily faulted/schistose talc @ 30 TCA; very poor ground								
		Alteration :	Type/Intensity/Texture							
			AMP							
			SIL							
			BIO							
47.40	48.00	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		ZGC <i>Ground_core</i>	<input type="checkbox"/>	0	0					
		QLF:								
		Ground core in Heavily faulted Talc Zone								
		Alteration :	Type/Intensity/Texture							
			AMP							
			SIL							
			BIO							



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Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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48.00 57.10 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0		

QLF: FLT GS1
 Faulted Talc; Dark Green/Blue; VFG; Strongly faulted/schistose talc @ 30 TCA; faulting dissipating downhole; gradational LCT

Alteration : *Type/Intensity/Texture*
 TLC 3 PRV

Structure:
 47.40 - 57.10 Alpha: 30 Beta: 0

Type/GEN/Intensity	CA1:	CA2:
FLT 4	25	35

57.10 125.70 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0		

QLF: SCH GS1
 Talc Zone; Dark Green/Blue; VFG; creamy talcose stringers; V-strong foliation to locally schistose @ ~40 TCA; faulted from 87-90 m and 99.5-102.9 m; LCT Sharp @ 35 TCA

Alteration : *Type/Intensity/Texture*
 TLC 3 PRV

Structure:



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Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	87.00 - 90.00	Alpha: 40 Type/GEN/Intensity FLT 3								
		Beta: 0 CA1: CA2: 30 50								
	99.50 - 102.90	Alpha: 10 Type/GEN/Intensity FLT 4								
		Beta: 0 CA1: CA2: 0 15								
	110.60 - 114.80	Alpha: 50 Type/GEN/Intensity FLT 3								
		Beta: 0 CA1: CA2: 45 55								
125.70	128.90	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		E0B Komatiitic_basalt	<input type="checkbox"/>	80	0					
		QLF: GS1 FOL								
		E0B; Med Green; VF-FG; Mod Talc Alt; mod-fol @ 25 TCA								
		Alteration :								
		Type/Intensity/Texture								
		TLC 2 PRV								
		Feature 2:								
		Type	Dyke	%	Thickness	Colour	Vein			
		E0T Talc_rich_unit	<input type="checkbox"/>	20	0					
		QLF: GS1 FOL								



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Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
128.90	143.35	Feature 1	PED37302	136.50	137.50	1.00	0.02	0.017	-	-	17.00
		Type E0T Talc_rich_unit QLF: SCH GS1 FOL Talc Zone; Dark Green; VFG; creamy talcose stringers; V-strong foliation to locally schistose @ ~35 TCA; LCT Sharp @ 35 TCA Alteration : Type/Intensity/Texture TLC 3 PRV	PED37303	137.50	138.60	1.10	2.30	2.300	-	-	2304.00
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0	PED37304	138.60	139.60	1.00	0.01	0.012	-	-	12.00
			PED37305	139.60	140.60	1.00	0.02	0.019	-	-	19.00
			PED37306	140.60	141.60	1.00	0.98	0.979	-	-	979.00
			PED37307	141.60	142.60	1.00	8.52	8.520	-	-	3518.00
			PED37308	142.60	143.35	0.75	2.05	2.050	-	-	2046.00
143.35	150.55	Feature 1	PED37309	143.35	144.40	1.05	0.75	0.746	-	-	746.00
		Type FLT Fault_zone QLF: FLT DEFS ALT Faulted E0B/E1H Contact; Tourmaline-lined Faulting Sub-// TCA; mix of E0B/E1H across diameter of core; moderately silicified; mod carb content; trace sulphides; LCT sub-// TCA Alteration : Type/Intensity/Texture SIL 2 PRV Structure: 143.35 - 150.55 Alpha: 2 Beta: 0 Type/GEN/Intensity CA1: CA2: FLT 3 0 5	PED37310	144.40	145.25	0.85	0.69	0.694	-	-	694.00
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0	PED37311	145.25	146.20	0.95	0.90	0.899	-	-	899.00
			PED37312	146.20	147.00	0.80	1.22	1.220	-	-	1219.00
			PED37313	147.00	148.00	1.00	2.68	2.680	-	-	2676.00
			PED37314	148.00	149.05	1.05	9.06	9.060	-	-	9065.00
			PED37316	149.05	150.00	0.95	3.03	3.030	-	-	3034.00
			PED37317	150.00	150.55	0.55	1.06	1.060	-	-	1064.00
		Feature 2:									
		Type E0B Komatiitic_basalt									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0									



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Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
QLF: FLT DEFS ALT											
150.55	164.75	Feature 1	PED37318	150.55	151.50	0.95	2.85	2.850	-	-	2846.00
		Type	PED37319	151.50	151.80	0.30	4.13	4.130	-	-	4127.00
		Dyke % Thickness Colour Vein	PED37320	151.80	152.50	0.70	37.54	>10.000	37.54	-	0000.0
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED37321	152.50	153.25	0.75	1.53	1.530	-	-	1527.00
		QLF: GS1 FOL VND	PED37322	153.25	154.10	0.85	1.62	1.620	-	-	
		APPARENT THICKNESS: Hi-Ti Basalt; Dark Brown/Green; VF-FG; Foliated @ ~15-20 TCA (Sub-// TCA); 3-4% V2A Veinlets; sulphide mineralization assoc w/ veinlets; LCT gradational @ 30 TCA; *Note* Such Low/Poor Core Angles should be taken into account when considering thickness of zone; true thickness will be MUCH thinner than measured course length of interval	PED37323	154.10	154.55	0.45	2.63	2.630	-	-	
			PED37324	154.55	155.05	0.50	1.00	1.000	-	-	
			PED37325	155.05	155.90	0.85	1.17	1.170	-	-	
		Alteration : Type/Intensity/Texture	PED37326	155.90	156.65	0.75	1.45	1.450	-	-	
		BIO 2 PRV	PED37328	156.65	157.70	1.05	7.50	7.500	-	-	
		Structure:	PED37329	157.70	158.65	0.95	3.56	3.560	-	-	
	156.65 - 157.70	Alpha: 20 Beta: 0	PED37330	158.65	159.65	1.00	0.20	0.202	-	-	
		Type/GEN/Intensity CA1: CA2:	PED37331	159.65	160.25	0.60	0.29	0.289	-	-	
		V2_BX 2 20 20	PED37332	160.25	161.15	0.90	0.74	0.739	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT Comment	PED37333	161.15	162.00	0.85	0.49	0.485	-	-	
	150.00 - 151.80	PY GS1 1 DIS	PED37334	162.00	162.70	0.70	0.71	0.714	-	-	
	150.00 - 151.80	PO GS1 3 DIS	PED37335	162.70	163.70	1.00	2.48	2.480	-	-	
	151.80 - 155.90	PO GS1 0.5 DIS	PED37336	163.70	164.75	1.05	0.04	0.040	-	-	
	151.80 - 155.90	PY GS1 0.5 DIS									
	155.90 - 156.65	PY GS1 2 DIS									
		Sulphides assoc w increase in veinlets in E1H									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)						<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	155.90 - 156.65	PO	GS1	8	DIS	Sulphides assoc w increase in veinlets in E1H											
	156.65 - 157.70	PY	GS1	3	DIS	Qtz Brx Veining @ 20 TCA;											
	156.65 - 157.70	PO	GS1	12	DIS	Qtz Brx Veining @ 20 TCA;											
	157.70 - 158.65	PY	GS1	1	DIS	Dism sulphides in E1H											
	157.70 - 158.65	PO	GS1	2	DIS	Dism sulphides in E1H											
	158.65 - 162.70	PY	GS1	0.5	DIS	Dism Sulphides in E1H											
	158.65 - 162.70	PO	GS1	1	DIS	Dism Sulphides in E1H											
	162.70 - 163.70	PO	GS1	3	DIS	Min assoc w/ increase in background veining in E1H											
	162.70 - 163.70	PY	GS1	2	DIS	Min assoc w/ increase in background veining in E1H											
	163.70 - 164.75	PY	GS1	0.5	DIS	Dism Sulphides in E1H											
	163.70 - 164.75	PO	GS1	1	DIS	Dism Sulphides in E1H											
164.75	177.45	Feature 1						PED37337	164.75	165.80	1.05	0.10	0.100	-	-		
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>									
		E0T Talc_rich_unit		<input type="checkbox"/>	0	0			PED37338	165.80	166.80	1.00	0.03	0.028	-	-	
		QLF: SCH GS1															
		Talc Zone; Med-Dark Green; creamy talcose stringers; VFG; mod schistose texture throughout @ 20 TCA															
		Alteration :															
		<i>Type/Intensity/Texture</i>															
		TLC 3 PRV															



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
177.45	208.70	Feature 1	PED37339	207.40	208.40	1.00	0.08	0.077	-	-	
		Type	PED37340	208.40	208.70	0.30	0.07	0.068	-	-	
		E0B Komatiitic_basalt									
		QLF: GS1 FOL									
		Med-Dark Green; Aphanitic-VFG; Foliated @ 40 TCA; fractured // to Fol; LCT defined by .25 m Qtz Carb vein @ 20 TCA									
		Structure:									
		186.00 - 189.00 Alpha: 50 Beta: 0									
		Type/GEN/Intensity									
		FLT 2 CA1: 50 CA2: 50									
208.70	221.00	Feature 1	PED37341	208.70	209.70	1.00	0.05	0.046	-	-	
		Type	PED37342	209.70	210.70	1.00	0.21	0.205	-	-	
		E1H High_titanium_basalt	PED37343	210.70	211.80	1.10	0.05	0.049	-	-	
		QLF: GS0 FOL MIN	PED37344	211.80	212.90	1.10	0.07	0.068	-	-	
		Hi Ti Basalt; Dark Brown/Black; Aphanitic-VFG; 2-3% Carb vein/fracture infilling predominantly @ low angle Sub-// TCA; 3-5% dism Po/Py throughout interval; mostly massive; LCT minor Faulting @ 50 TCA	PED37345	212.90	214.00	1.10	0.05	0.051	-	-	
			PED37346	214.00	215.00	1.00	0.07	0.071	-	-	
			PED37347	215.00	216.00	1.00	0.08	0.083	-	-	
		Alteration :	PED37349	216.00	217.00	1.00	0.06	0.061	-	-	
		Type/Intensity/Texture	PED37350	217.00	218.00	1.00	0.04	0.036	-	-	
		BIO 2 PRV	PED37351	218.00	219.00	1.00	0.03	0.028	-	-	
			PED37352	219.00	220.00	1.00	0.02	0.018	-	-	
			PED37353	220.00	221.00	1.00	0.03	0.034	-	-	



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
221.00	230.70	Feature 1	PED37354	221.00	222.00	1.00	0.00	<0.005	-	-	-
		Type	PED37355	222.00	223.00	1.00	0.00	<0.005	-	-	-
		E0B Komatiitic_basalt	PED37356	223.00	224.00	1.00	0.19	0.185	-	-	-
		QLF: GS1 FOL SPN	PED37357	224.00	225.00	1.00	0.04	0.038	-	-	-
		BK; Med-Dark Green; Aphanitic-VFG; Wkly foilated @ 55 TCA; localized Spinifex texture; trace crb veining sub-// TCA; LCT @ 35 TCA	PED37358	225.00	226.00	1.00	0.06	0.058	-	-	-
			PED37359	226.00	227.00	1.00	0.03	0.033	-	-	-
		Alteration : Type/Intensity/Texture	PED37360	227.00	228.00	1.00	0.01	0.012	-	-	-
		TLC 1 PRV	PED37361	228.00	229.00	1.00	0.00	<0.005	-	-	-
			PED37362	229.00	230.00	1.00	0.03	0.025	-	-	-
			PED37363	230.00	230.70	0.70	0.01	0.007	-	-	-
230.70	240.40	Feature 1	PED37364	230.70	231.70	1.00	0.20	0.196	-	-	-
		Type	PED37366	231.70	232.70	1.00	0.24	0.235	-	-	-
		I3 Felsic_intrusive	PED37367	232.70	233.70	1.00	0.27	0.274	-	-	-
		QLF:	PED37368	233.70	234.70	1.00	0.18	0.176	-	-	-
		Felsic Dyke; Med-Dark Grey/Pinkish; VFG-FG; Mod Brx texture with Bio alteration; re-silicification assoc w/ brx; 2% cm-scale smokey qtz veinlets in irregular orientaion; LCT low Angle Vein contact for V2_BX	PED37369	234.70	235.45	0.75	0.74	0.742	-	-	-
			PED37370	235.45	236.40	0.95	0.34	0.340	-	-	-
			PED37371	236.40	237.40	1.00	0.93	0.929	-	-	-
		Alteration : Type/Intensity/Texture	PED37372	237.40	238.20	0.80	0.24	0.244	-	-	-
		AMP	PED37373	238.20	239.00	0.80	0.16	0.162	-	-	-
		SIL	PED37374	239.00	239.80	0.80	0.12	0.116	-	-	-
		BIO	PED37375	239.80	240.40	0.60	0.19	0.188	-	-	-



LITHOLOGY REPORT

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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
240.40	243.00	Feature 1	PED37376	240.40	241.30	0.90	1.20	1.200	-	-		
		Type	PED37378	241.30	242.00	0.70	0.82	0.819	-	-		
		V2_BX Quartz_Vein_with_Fragments	PED37379	242.00	242.45	0.45	0.30	0.304	-	-		
		QLF:	PED37380	242.45	243.00	0.55	0.33	0.328	-	-		
		Brecciated Qtz vein; Smokey Grey Quartz vein within Felsic Dyke; angular Fragments of I3 within silicious fluids; 5-7% Po/Py mineralization assoc w boundaries of Fragments within Quartz; strongly fractured // to brx imbrication @ ~25 TCA; LCT sharp @ 45 TCA										
		Alteration :										
		Type/Intensity/Texture										
		AMP										
		SIL										
		BIO										
		Structure:										
		240.40 - 243.00	Alpha: 20									Beta: 0
		Type/GEN/Intensity	CA1:								CA2:	
		V2_BX 4	20								45	
		Mineralization Maj. :										
		Type/GSZ%/HABIT										Comment
		240.40 - 242.50 PY GS1 1 DIS										Dism Sulphides assoc w/ Fragments in V2_BX
		240.40 - 242.50 PO GS1 2 DIS										Dism Sulphides assoc w/ Fragments in V2_BX
		242.50 - 243.00 PY GS1 7 DIS										Dism Sulphides assoc w/ Fragments in V2_BX
		242.50 - 243.00 PO GS1 5 DIS										Dism Sulphides assoc w/ Fragments in V2_BX



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
243.00	338.20	Feature 1	PED37382	243.00	243.45	0.45	0.21	0.214	-	-	
		Type	PED37383	243.45	244.35	0.90	0.10	0.101	-	-	
		E0T Talc_rich_unit	PED37384	244.35	245.30	0.95	0.21	0.205	-	-	
		QLF: FOL SCH GS1	PED37385	253.05	253.85	0.80	0.00	<0.005	-	-	
		Talc Zone; Med-Dark Green; Taclose stringers // to S1 fabric @ 45 TCA throughout; LCT defined by Fault zone 335.85-338.2 m @ 25 TCA	PED37386	253.85	254.30	0.45	0.00	<0.005	-	-	
			PED37387	254.30	255.00	0.70	0.00	<0.005	-	-	
			PED37388	334.85	335.85	1.00	0.00	<0.005	-	-	
			PED37389	335.85	336.75	0.90	0.01	0.008	-	-	
			PED37390	336.75	337.75	1.00	0.00	<0.005	-	-	
			PED37391	337.75	338.20	0.45	0.01	0.014	-	-	
		Alteration : Type/Intensity/Texture									
		TLC 3 PRV									
		Structure:									
	253.85 - 254.30	Alpha: 45									
		Type/GEN/Intensity									
		V2T 2									
		Beta: 0									
		CA1: CA2:									
		45 55									
	335.85 - 338.20	Alpha: 20									
		Type/GEN/Intensity									
		FLT 2									
		Beta: 0									
		CA1: CA2:									
		20 25									
		Mineralization Maj. : Type/GSZ%/HABIT									
	243.00 - 244.35	PY GS1 0.5 DIS									
		Comment									
		Dism sulphides in I3 near I3/E0T contact									
	243.00 - 244.35	PO GS1 1 DIS									
		Comment									
		Dism sulphides in I3 near I3/E0T contact									
338.20	360.00	Feature 1	PED37392	338.20	339.40	1.20	0.00	<0.005	-	-	
		Type	PED37393	339.40	340.40	1.00	0.01	0.006	-	-	
		E0B Komatiitic_basalt	PED37394	355.60	356.45	0.85	0.04	0.042	-	-	
		QLF: ALT FOL BRX	PED37395	356.45	356.85	0.40	0.62	0.616	-	-	
		E0B; Med-Dark Green; Mod-Strong Talc; grading to E0T; Wk-Mod brx texture increasing in intensity downhole; strongest Brx adjacent to V2A from 356.45-356.85 m; LCT is E0H	PED37397	356.85	357.85	1.00	0.02	0.017	-	-	



LITHOLOGY REPORT

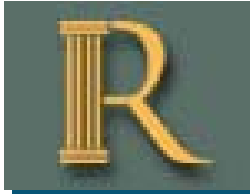
- Detailed -

Hole Number **305-17-16**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Alteration :	Type/Intensity/Texture								
			AMP								
			SIL								
			BIO								
		Structure:									
356.40 - 356.85		Alpha: 50	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		V2A 2	65	35							
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
E0T	Talc_rich_unit		☐	40	0						
QLF:		ALT FOL BRX									



DRILL HOLE REPORT

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 91.51	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -28.88	Pulled:	Storage: Mine Site	Claim No.: KRL18375	Relog by:
Length: 324	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 01-Jun-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 04-Jun-17				Surveyed: yes
Logged: 22-Jun-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10222.147	East: 448366.89
			North: 50059.319	North: 5663847.71
			Elev.: 5066.683	Elev.: 66.68
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	91.51	-28.88	C	<input checked="" type="checkbox"/>	
0.10	91.50	-28.88	Gyro	<input checked="" type="checkbox"/>	
10.10	91.45	-29.28	Gyro	<input checked="" type="checkbox"/>	
15.00	94.40	-29.10	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
20.10	91.45	-29.26	Gyro	<input checked="" type="checkbox"/>	
30.10	91.03	-29.29	Gyro	<input checked="" type="checkbox"/>	
40.10	91.10	-29.43	Gyro	<input checked="" type="checkbox"/>	
50.10	91.14	-29.41	Gyro	<input checked="" type="checkbox"/>	
51.00	96.60	-29.40	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
60.10	91.50	-29.23	Gyro	<input checked="" type="checkbox"/>	
70.10	91.78	-29.18	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	91.76	-29.38	Gyro	<input checked="" type="checkbox"/>	
90.10	91.89	-29.31	Gyro	<input checked="" type="checkbox"/>	
100.10	91.84	-29.62	Gyro	<input checked="" type="checkbox"/>	
102.00	96.20	-29.60	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
110.10	92.09	-29.78	Gyro	<input checked="" type="checkbox"/>	
120.10	91.93	-29.96	Gyro	<input checked="" type="checkbox"/>	
130.10	91.67	-30.37	Gyro	<input checked="" type="checkbox"/>	
140.10	91.38	-30.70	Gyro	<input checked="" type="checkbox"/>	
150.10	91.44	-31.00	Gyro	<input checked="" type="checkbox"/>	
153.00	95.89	-30.88	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
160.10	91.59	-31.03	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-17

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	91.59	-31.27	Gyro	<input checked="" type="checkbox"/>	
180.10	91.74	-31.55	Gyro	<input checked="" type="checkbox"/>	
190.10	91.66	-31.89	Gyro	<input checked="" type="checkbox"/>	
200.10	91.87	-32.03	Gyro	<input checked="" type="checkbox"/>	
201.00	94.80	-32.10	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	92.12	-32.19	Gyro	<input checked="" type="checkbox"/>	
220.10	92.06	-32.46	Gyro	<input checked="" type="checkbox"/>	
230.10	92.00	-32.75	Gyro	<input checked="" type="checkbox"/>	
240.10	92.31	-32.85	Gyro	<input checked="" type="checkbox"/>	
250.10	92.66	-32.78	Gyro	<input checked="" type="checkbox"/>	
252.00	96.29	-32.63	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	92.99	-32.67	Gyro	<input checked="" type="checkbox"/>	
270.10	92.70	-32.82	Gyro	<input checked="" type="checkbox"/>	
280.10	92.69	-32.87	Gyro	<input checked="" type="checkbox"/>	
290.10	92.82	-32.72	Gyro	<input checked="" type="checkbox"/>	
303.00	96.49	-32.71	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
324.00	95.60	-32.90	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	7.65	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: FLT SHD DEFS</p> <p>Talc Zone; Med-Dark Green; Creamy talcose alteration; Very poor ground conditions; Faulting // to S1 Fabric @ 45 TCA; core diskings and gouged; LCT with LAMP @ 15 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>0.00 - 5.40 Alpha: 40 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FLT 3 35 45</p>									
7.65	8.10	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>I0E <i>Lamprophyre</i></p> <p>QLF:</p> <p>Lamp Dyke; Dark Grey/Black; Aphanitic to VFG; 3-5% Carb veining throughout // to Contacts; wk-mod carb content (+carb veining); mod magnetism; LCT sheared & veined @ 15 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
8.10	9.85	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: FLT SHD GS1</p> <p>Talc Zone; Med-Dark Green; Creamy talcose alteration; Very poor ground conditions; Faulting // to S1 Fabric sub-// TCA; core diskling and gouged; LCT with LAMP @ 40 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PRV</p>								
9.85	11.00	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>I0E <i>Lamprophyre</i></p> <p>QLF: GS1 ALT DEF</p> <p>Lamp Dyke; Dark Grey/Black; Aphanitic to VFG; 3-5% irregular Carb veining throughout assoc w/ large flecks of bio alt; wk-mod carb content (+carb veining); mod magnetism; LCT sheared & veined @ 50 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 2 PRV</p> <p style="margin-left: 40px;">BIO 2 PRV</p>								
11.00	16.65	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: BRX SHD ALT</p>								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Talc Zone; Med-Dark Green; Creamy talcose stringers in brx groundmass; Brx imbricated // to S1 Fabric @ 20 TCA; core diskling and gouged; LCT with LAMP @ 25 TCA										
		Alteration : Type/Intensity/Texture TLC 4 PRV										
16.65	18.25	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I0E Lamprophyre	☐	0	0							
		QLF: BRX GS1 FOL										
		Lamp Dyke; Dark Grey/Black; Aphanitic to VFG; 3-5% irregular Carb veining throughout predominatly // to contacts; wk-mod carb content (+carb veining); mod magnetism; LCT sheared & veined @ 50 TCA										
		Alteration : Type/Intensity/Texture CB 2 PRV										
18.25	68.65	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	☐	0	0			PED37398	57.00	57.85	0.85	0.00 <0.005 - -
		QLF: SCH FLT DEFS										
		Talc Zone; Med-Dark Green; Creamy talcose alteration; Very poor ground conditions; Local Faulting/Gouge // to S1 Fabric @ 45 TCA; LCT with E0B @ 50 TCA										
								PED37399	57.85	58.05	0.20	0.01 0.008 - -
								PED37400	58.05	58.65	0.60	0.00 <0.005 - -
								PED37401	58.65	59.15	0.50	0.02 0.017 - -
								PED37402	59.15	60.25	1.10	0.00 <0.005 - -
		Alteration : Type/Intensity/Texture TLC 4 PRV										
		Structure:										



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	18.25 - 31.30	Alpha: 30 Type/GEN/Intensity FLT 3									
		Beta: 0 CA1: CA2: 25 35									
	39.00 - 42.00	Alpha: 40 Type/GEN/Intensity FLT 3									
		Beta: 0 CA1: CA2: 35 45									
	58.65 - 59.15	Alpha: 50 Type/GEN/Intensity V1 2									
		Beta: 0 CA1: CA2: 50 50									
	65.00 - 65.50	Alpha: 50 Type/GEN/Intensity FLT 3									
		Beta: 0 CA1: CA2: 45 55									
	Mineralization Maj. :	Type/GSZ%/HABIT									
	57.75 - 58.05	PO GS1 1 FLA									
			Comment								
			Minor sulphides in 1 cm Carb stringer								
68.65	70.05	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	70	0						
		QLF: GS1 FOL									
		BK; Mod talc alteration (could be considered E0T); Med Grey; mod talc; VFG; S1 Foliation @ 45 TCA; LCT faulted @ 60 TCA									
		Alteration :	Type/Intensity/Texture								
			TLC 2 PRV								
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	30	0						



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		QLF: GS1 FOL									
70.05	100.30	Feature 1	PED37403	99.30	100.30	1.00	0.30	0.299	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0T Talc_rich_unit</p> <p style="margin-left: 20px;">QLF: SCH FLT GS1</p> <p style="margin-left: 20px;">Talc Zone; Med-Dark Green; Creamy talcose alteration; Very poor ground conditions; Local Faulting/Gouge // to S1 Fabric @ 45 TCA; LCT with E1H @ 40 TCA</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 4 PRV</p> <p style="margin-left: 20px;">Structure:</p> <p style="margin-left: 20px;">70.05 - 75.10 Alpha: 55 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FLT 4 50 60</p> <p style="margin-left: 20px;">81.00 - 87.00 Alpha: 10 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FLT 4 0 15</p>									
100.30	104.25	Feature 1	PED37404	100.30	101.20	0.90	11.23	>10.000	11.23	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E1H High_titanium_basalt</p> <p style="margin-left: 20px;">QLF: GS1</p> <p style="margin-left: 20px;">E1H; Dark Brown/Green; Aphanitic-VFG; Low angle V2S from 100.3-101.2 m w/ 15% Sulphides within vein; mod fol @ 25 TCA; Faulted LCT @ 35 TCA</p>	PED37406	101.20	102.00	0.80	0.24	0.243	-	-	
			PED37407	102.00	102.80	0.80	0.05	0.045	-	-	
			PED37408	102.80	103.85	1.05	0.04	0.035	-	-	
			PED37409	103.85	104.25	0.40	3.10	3.096	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Alteration :	Type/Intensity/Texture									
			AMP									
			SIL									
			BIO									
		Structure:										
100.30 - 101.20		Alpha: 15		Beta: 0								
		Type/GEN/Intensity		CA1:	CA2:							
		V2S 3		10	20							
103.85 - 104.25		Alpha: 35		Beta: 0								
		Type/GEN/Intensity		CA1:	CA2:							
		FLT3		35	35							
		FLT 2		35	35							
		Mineralization Maj. :	Type/GSZ%/HABIT		Comment							
100.30 - 101.20		PY GS1 3 DIS	Sulphides in low-angle vein material near E0B/E1H contact									
100.30 - 101.20		PO GS1 12 DIS	Sulphides in low-angle vein material near E0B/E1H contact									
104.25	105.10	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	☐	0	0							
		QLF: GS1 FOL										
		BK; Med-Dark Green; Aphanitic-VFG; 2% qtz stringers // to Fol @ 35 TCA										
		Alteration :	Type/Intensity/Texture									
			AMP									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
105.10	116.25	Feature 1	PED37411	105.10	106.00	0.90	0.09	0.092	-	-
		Type	PED37412	106.00	107.00	1.00	0.06	0.056	-	-
		I3 Felsic_intrusive	PED37413	107.00	108.15	1.15	0.09	0.087	-	-
		QLF: GS1 BRX	PED37414	108.15	109.00	0.85	0.12	0.123	-	-
		Felsic Dyke; Lt-Dark Grey; Pinkish; VFG with FG Bio flecks assoc w/ brx texture and silicification; LCT @ 45 TCA	PED37415	109.00	110.00	1.00	0.35	0.350	-	-
		Alteration :	PED37416	110.00	111.00	1.00	0.16	0.155	-	-
		Type/Intensity/Texture	PED37417	111.00	111.70	0.70	0.07	0.074	-	-
		AMP	PED37418	111.70	112.55	0.85	0.23	0.231	-	-
		SIL	PED37419	112.55	113.40	0.85	0.25	0.247	-	-
		BIO 2 PRV	PED37420	113.40	114.60	1.20	0.50	0.495	-	-
			PED37421	114.60	115.55	0.95	0.18	0.183	-	-
			PED37422	115.55	116.25	0.70	0.11	0.108	-	-
116.25	151.20	Feature 1	PED37424	116.25	117.25	1.00	0.06	0.056	-	-
		Type	PED37425	150.30	151.20	0.90	0.02	0.016	-	-
		E0T Talc_rich_unit								
		QLF: SCH GS1								
		Talc; Dark Green/Blue; chaotic creamy talcose stringers; fractured // to S1 @ 35 TCA								
		Alteration :								
		Type/Intensity/Texture								
		TLC 3 PRV								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
151.20	160.10	Feature 1	PED37426	151.20	151.90	0.70	0.04	0.039	-	-
		Type	PED37427	151.90	152.90	1.00	0.02	0.019	-	-
		E1H High_titanium_basalt	PED37428	152.90	154.05	1.15	0.01	0.014	-	-
		QLF: GS1	PED37429	154.05	154.45	0.40	0.01	0.008	-	-
		Hi Ti Basalt; Dark Brown; Aphanitic-VFG; 2% Carb veining @ 15 TCA; Wk-Mod Fol @ 45 TCA; LCT @ 50 TCA	PED37430	154.45	155.25	0.80	0.02	0.018	-	-
			PED37431	155.25	156.00	0.75	0.03	0.029	-	-
			PED37432	156.00	156.85	0.85	0.03	0.026	-	-
			PED37433	156.85	157.75	0.90	0.09	0.085	-	-
			PED37434	157.75	158.30	0.55	2.81	2.813	-	-
			PED37436	158.30	159.15	0.85	0.03	0.030	-	-
			PED37437	159.15	160.10	0.95	0.01	0.012	-	-
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		SIL								
		BIO								
		Structure:								
	154.05 - 154.45	Alpha: 15	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V2 2	15 15							
	157.75 - 158.30	Alpha: 15	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V2_BX 2	50 50							
		V2_E 3	10 10							
		Mineralization Maj. :	Comment							
	157.75 - 158.30	PY GS1 1 DIS	2 Generations Veining; Feeder vein @ 50 TCA with Extensional Vein @ 15 TCA; 4-5% Sulphides predominantly with Extensional Vein							
	157.75 - 158.30	PO GS1 4 DIS	2 Generations Veining; Feeder vein @ 50 TCA with Extensional Vein @ 15 TCA; 4-5% Sulphides predominantly with Extensional Vein							



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
160.10	169.25	Feature 1	PED37438	160.10	161.00	0.90	0.03	0.025	-	-	
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: GS1 SCH</p> <p>Talc; Dark Green; Talcose Stringers // to S1 @ 60/345 TCA; LCT @ 55/265 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">TLC 3 PRV</p>	PED37439	168.25	169.25	1.00	0.11	0.105	-	-	
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="padding-left: 20px;"><input type="checkbox"/> 0 0</p>									
169.25	175.80	Feature 1	PED37440	169.25	170.00	0.75	0.15	0.145	-	-	
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: GS1 FOL</p> <p>Felsic Dyke; Med-Dark Grey/Pinkish; VFG; mod brx texture with chl alt; 2-3% Smokey qtz veins typically sub-// TCA; LCT sharp @ 40/045 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 2 LOC</p>	PED37441	170.00	170.85	0.85	0.51	0.509	-	-	
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="padding-left: 20px;"><input type="checkbox"/> 0 0</p>	PED37442	170.85	171.75	0.90	0.28	0.276	-	-	
			PED37443	171.75	172.45	0.70	0.34	0.335	-	-	
			PED37444	172.45	173.05	0.60	0.26	0.264	-	-	
			PED37445	173.05	173.85	0.80	0.32	0.315	-	-	
			PED37446	173.85	174.70	0.85	0.33	0.332	-	-	
			PED37447	174.70	175.80	1.10	0.29	0.290	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
175.80	246.20	Feature 1	PED37448	175.80	176.80	1.00	0.01	0.013	-	-	
		Type	PED37449	216.30	217.10	0.80	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED37450	217.10	217.45	0.35	0.02	0.015	-	-	
		QLF: GS1 SHD	PED37701	217.45	218.00	0.55	0.00	<0.005	-	-	
		Talc; Dark Green; Talcose Stringers // to S1 @ 60/345 TCA; Varying talc alt locally grading to E0B; LCT faulted @ 55/305 TCA	PED37702	224.15	225.10	0.95	0.00	<0.005	-	-	
			PED37703	225.10	225.50	0.40	0.00	<0.005	-	-	
			PED37704	225.50	226.00	0.50	0.01	0.009	-	-	
			PED37705	236.95	237.90	0.95	0.00	<0.005	-	-	
			PED37706	237.90	238.70	0.80	0.01	0.006	-	-	
			PED37707	238.70	239.45	0.75	0.00	<0.005	-	-	
			PED37708	239.45	240.00	0.55	0.01	0.006	-	-	
			PED37709	240.00	240.90	0.90	0.01	0.008	-	-	
			PED37710	240.90	242.00	1.10	0.01	0.009	-	-	
			PED37711	242.00	243.00	1.00	0.02	0.018	-	-	
			PED37713	243.00	243.70	0.70	0.02	0.020	-	-	
			PED37714	243.70	244.70	1.00	0.02	0.016	-	-	
			PED37715	244.70	245.70	1.00	0.02	0.017	-	-	
			PED37716	245.70	246.20	0.50	0.02	0.017	-	-	
246.20	249.25	Feature 1	PED37717	246.20	246.95	0.75	0.10	0.097	-	-	
		Type	PED37718	246.95	247.30	0.35	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	PED37719	247.30	248.15	0.85	0.04	0.035	-	-	
		QLF: BRX FLT GS1	PED37720	248.15	248.75	0.60	0.03	0.032	-	-	
		Brecciated E0B; Med-Dark Green; VFG; Wk-Mod talc alteration assoc w/ brecciation; 2-3% cm-scale V2A veining with mod silicification throughout ranging from 45/330 TCA to sub-// TCA; barren to trace sulphides; LCT @ 35/295 TCA with discordant veining at contact	PED37721	248.75	249.25	0.50	0.03	0.034	-	-	
		Alteration :									
		Type/Intensity/Texture									
		AMP									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 2 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT 246.95 - PO GS1 1 DIS 249.25									
		Comment Trace dism sulphides throughout brx/flt E0B									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	3	0						
		QLF: BRX FLT GS1									
249.25	250.30	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I0E Lamprophyre	<input type="checkbox"/>	0	0						
		QLF: GS1 FOL Lamp Dyke; Dark Grey/Black; VFG; Mod Fol @ 45 TCA; Low carb content; mod magnetism; LCT @ 25/305 TCA									
		Alteration :									
		Type/Intensity/Texture BIO 2 PRV									
250.30	251.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0						
		QLF: BRK SHD FLA Brecciated E0B; Med-Dark Green; VFG; Wk-Mod talc alteration assoc w/ brecciation; mod silicification									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		throughout; barren to trace sulphides; LCT @ 30/350 TCA									
		Alteration : Type/Intensity/Texture TLC 2 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT Comment 250.30 - PO GS1 0 251.00									
251.00	252.05	Feature 1	PED37725	251.00	251.30	0.30	0.37	0.369	-	-	
		Type Dyke % Thickness Colour Vein	PED37726	251.30	252.15	0.85	0.15	0.148	-	-	
		V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 0 0									
		QLF: FRG BRX VND Brecciated Qtz Actinolite Vein with Fragmeents; Smokey/Creamy qtz vein with fragments of host rock concentrated near contacts; 1-2% Po/Py predominantly assoc w/ boundaries of fragments within qtz; LCT @ 30/015 TCA									
		Alteration : Type/Intensity/Texture SIL 4 PRV AC 2 LOC									
		Structure: 251.00 - 252.15 Alpha: 30 Beta: 350 Type/GEN/Intensity CA1: CA2: V2_BX 3 30 30									
		Mineralization Maj. : Type/GSZ%/HABIT Comment 251.00 - PY GS1 0.5 Trace-Minor sulphides commonly assoc w/ 252.15 vein contacts and boundaries of fragments 251.00 - PO GS1 1 DIS Trace-Minor sulphides commonly assoc w/ 252.15 vein contacts and boundaries of fragments									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
252.05	254.05	Feature 1	PED37727	252.15	252.85	0.70	1.45	1.450	-	-	
		Type	PED37728	252.85	253.15	0.30	3.04	3.040	-	-	
		E1H High titanium basalt	PED37729	253.15	253.45	0.30	2.70	2.700	-	-	
		QLF: SHD BRK VND	PED37731	253.45	254.05	0.60	1.20	1.200	-	-	
		Hi Ti Basalt; Dark Brown; Sheared throughout @ 15/030 TCA; shearing assoc w/ silicification; see oriented data for point measurements; 2-3% Po mineralization predominantly assoc w/ Bkground veining; LCT with vein @ 35/160 TCA									
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 VND									
		BIO 2 PRV									
		Structure:									
		252.15 - 252.85	Alpha: 15	Beta: 30							
		Type/GEN/Intensity	CA1:	CA2:							
		SHD 3	15	15							
		V2_BX 4	15	15							
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		252.15 - 252.85	PY GS1 1 DIS								
		252.15 - 252.85	PO GS1 2 DIS								
		252.85 - 253.45	PY GS1 1 DIS								
		252.85 - 253.45	PO GS1 3 DIS								
		253.45 - 254.05	PO GS1 1 DIS								
		253.45 - 254.05	PY GS1 2 DIS								
		Comment									
		Minor dism sulphides in silicified Brx/Shd E1H between vein intervals									
		Minor dism sulphides in silicified Brx/Shd E1H between vein intervals									
		Dism sulphides assoc w/ cluster of 5-10 mm qtz veins									
		Dism sulphides assoc w/ cluster of 5-10 mm qtz veins									
		Feature 2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		<p>Type</p> <p>V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 4 0</p> <p>QLF: SHD BRK VND</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 2 VND</p> <p>AC 2 VND</p>									
254.05	254.40	Feature 1	PED37732	254.05	254.40	0.35	0.99	0.992	-	-	
		<p>Type</p> <p>V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 0 0</p> <p>QLF: FRG BRK VAR</p> <p>Brecciated Qtz Actinolite Vein with Fragments; Smokey/Creamy qtz vein with fragments of host rock concentrated near contacts; 1-2% Po/Py predominantly assoc w/ boundaries of fragments within qtz; LCT @ 40/130 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 4 VND</p> <p>Structure:</p> <p>254.05 - 254.40 Alpha: 40 Beta: 140</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>V2_BX 3 35 40</p> <p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>254.05 - 254.40 PY GS1 0.5 Dism sulphides in host rock directly adjacent to V2_BX contacts</p> <p>254.05 - 254.40 PO GS1 2 DIS Dism sulphides in host rock directly adjacent to V2_BX contacts</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
254.40	257.15	Feature 1	PED37733	254.40	255.20	0.80	0.33	0.329	-	-
		Type	PED37734	255.20	255.75	0.55	0.30	0.301	-	-
		E1H High_titanium_basalt	PED37735	255.75	256.20	0.45	0.57	0.567	-	-
		QLF: GS1 VND MIN	PED37736	256.20	257.15	0.95	0.97	0.972	-	-
		Hi Ti Basalt; Dark Brown; VFG; see oriented data for point measurements; 2-3% Po mineralization predominantly assoc w/ 3-5% Bkground veining; LCT with vein @ 45/090 TCA								
		Alteration : Type/Intensity/Texture BIO 2 PRV								
		Mineralization Maj. : Type/GSZ%/HABIT Comment								
		254.40 - 257.15	PY GS1 1 DIS	Dism sulphides in E1H adjacent to background mm-cm scale veins						
		254.40 - 257.15	PO GS1 3 DIS	Dism sulphides in E1H adjacent to background mm-cm scale veins						
257.15	257.50	Feature 1	PED37737	257.15	257.50	0.35	0.41	0.412	-	-
		Type								
		V2A Quartz_carb_actinolite_vein								
		QLF: BRK FRG								
		Brecciated Qtz Actinolite Vein with Fragments; Smokey/Creamy qtz vein with fragments of host rock concentrated near contacts; trace Po/Py predominantly assoc w/ boundaries of fragments within qtz; LCT @ 40/130 TCA								
		Alteration : Type/Intensity/Texture AMP SIL 4 VND AC 2 LOC								
		Structure:								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	257.15 - 257.50	Alpha: 40 Beta: 90 Type/GEN/Intensity V2_BX 3									
		CA1: 35 CA2: 40									
		Mineralization Maj. : Type/GSZ%/HABIT									
	257.15 - 257.50	PY GS1 0.2 DIS									
		Comment Trace dism sulphides in V2_BX									
	257.15 - 257.50	PO GS1 0.3 DIS									
		Comment Trace dism sulphides in V2_BX									
257.50	261.80	Feature 1									
		Type									
		E1H High_titanium_basalt									
		Dyke <input type="checkbox"/> % 50 Thickness 0 Colour Vein									
		QLF: BAN GS1 MIN									
		Intermixed Hi Ti and E0B; mottled brown/green texture; aphanitic-VFG;									
		Alteration :									
		Type/Intensity/Texture BIO 2 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
	257.50 - 258.00	PY GS1 2 DIS									
		Comment Dism Sulphides in E1H downhole from V2_BX; mineralization dissipates away from V2_BX contact									
	257.50 - 258.00	PO GS1 5 DIS									
		Comment Dism Sulphides in E1H downhole from V2_BX; mineralization dissipates away from V2_BX contact									
	258.00 - 258.40	PY GS1 0.5 DIS									
		Comment Dism sulphides dissipating away from overlying V2_BX									
	258.00 - 258.40	PO GS1 1 DIS									
		Comment Dism sulphides dissipating away from overlying V2_BX									
	258.40 - 259.40	PO GS1 0.5									
		Comment Trace Po in interbanded E1H/E0B mix									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	259.40 - 261.80	PY	GS1	1	DIS	Dism sulphides assoc w/ silicification in E1H									
	259.40 - 261.80	PO	GS1	3	DIS	Dism sulphides assoc w/ silicification in E1H									
Feature 2:															
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>								
		E0B	Komatiitic_basalt	<input type="checkbox"/>	50	0									
		<i>QLF:</i> BAN GS1 MIN													
261.80	266.85	Feature 1					PED37746	261.80	262.75	0.95	0.28	0.281	-	-	
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED37747	262.75	263.95	1.20	0.08	0.080	-	-
		FLT	Fault_zone	<input type="checkbox"/>	60	0		PED37748	263.95	264.40	0.45	0.35	0.345	-	-
		<i>QLF:</i> FLT SHD													
		Faulted Talc; Med-Lt Green; banded talcose stringers; Shearing @ 50/335 TCA dissipating downhole away from E1H/E0T contact; LCT Gradational													
								PED37749	264.40	265.05	0.65	0.61	0.605	-	-
								PED37750	265.05	265.95	0.90	0.00	<0.005	-	-
								PED37751	265.95	266.85	0.90	0.01	0.009	-	-
Alteration :															
		<i>Type/Intensity/Texture</i>													
		AMP													
		SIL													
		BIO													
Structure:															
	261.80 - 266.85	Alpha: 50		Beta: 350											
		<i>Type/GEN/Intensity</i>		<i>CA1:</i>	<i>CA2:</i>										
		SHD	2	35	55										
Feature 2:															
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>								



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E0T <i>Talc_rich_unit</i> QLF: FLT SHD									
266.85	308.35	Feature 1	PED37752	266.85	267.80	0.95	0.00	<0.005	-	-	
		<i>Type</i>	PED37753	267.80	268.80	1.00	0.01	0.006	-	-	
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED37754	268.85	269.80	0.95	0.00	<0.005	-	-	
		E0T <i>Talc_rich_unit</i> QLF: FOL SCH	PED37755	307.00	307.80	0.80	0.00	<0.005	-	-	
		Talc Zone; Dark Green; Talcose Stringers // to S1 @ 50/290 TCA; LCT sheared Veining @ 350/280 TCA	PED37756	307.80	308.35	0.55	0.00	<0.005	-	-	
		Alteration : <i>Type/Intensity/Texture</i> TLC 2 PRV									
308.35	314.65	Feature 1	PED37757	308.35	309.10	0.75	0.01	0.008	-	-	
		<i>Type</i>	PED37759	309.10	309.60	0.50	0.01	0.006	-	-	
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED37760	309.60	310.30	0.70	0.01	0.008	-	-	
		E1H <i>High_titanium_basalt</i> QLF: GS1 MAS	PED37761	310.30	311.00	0.70	0.01	0.007	-	-	
		Hi Ti; Dark Grey/Brown; Aphanitic-VFG; 1% rcx mm-scale qtz carb veinlets @ 25 TCA; wk bio alteration throughout; massive; barren-trace Po/Py; LCT Sharp @ 15 TCA	PED37762	311.00	312.00	1.00	0.00	<0.005	-	-	
		Alteration : <i>Type/Intensity/Texture</i> BIO 2 PRV	PED37763	312.00	313.00	1.00	0.00	<0.005	-	-	
			PED37764	313.00	313.75	0.75	0.00	<0.005	-	-	
			PED37765	313.75	314.65	0.90	0.00	<0.005	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-17**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)												
314.65	316.75	Feature 1	PED37766	314.65	315.65	1.00	0.01	0.012	-	-													
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: GS1 FOL BK; Med green; VFG: wk talc alteration throughout; wk-mod fol @ 20 TCA; LCT sharp @ 20 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 1 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED37767	315.65	316.75	1.10	0.00	<0.005	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																				
316.75	318.50	Feature 1	PED37768	316.75	317.40	0.65	0.01	0.006	-	-													
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: GS1 ALT Hi Ti; Dark Grey/Brown; Aphanitic-VFG; 1% rcx mm-scale qtz carb veinlets @ 25 TCA; mod bio alteration throughout assoc w/ wk irregular nrx texture; massive; barren-trace Po/Py; LCT Sheared @ 65 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 2 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	0	0			PED37769	317.40	318.35	0.95	0.02	0.018	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E1H High_titanium_basalt	<input type="checkbox"/>	0	0																				
			PED37770	318.35	318.65	0.30	0.00	<0.005	-	-													
318.50	324.00	Feature 1	PED37771	318.65	319.20	0.55	0.00	<0.005	-	-													
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: SPN GS2 E0B; Dark Green to Black; FG-MG; spinifex texture present throughout; locally sheared 322.35-323.2 m @ 30 TCA; Barren; EOH @ 324 m</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0			PED37772	319.20	320.30	1.10	0.00	<0.005	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																				
			PED37773	320.30	321.30	1.00	0.00	<0.005	-	-													
			PED37774	321.30	322.35	1.05	0.00	<0.005	-	-													
			PED37775	322.35	323.20	0.85	0.01	0.008	-	-													
			PED37777	323.20	324.00	0.80	0.00	<0.005	-	-													



LITHOLOGY REPORT

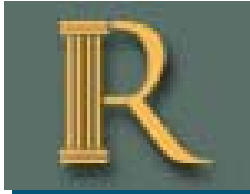
- Detailed -

Hole Number 305-17-17

Project: PHOENIX

Project Number: 2

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> <i>(ppm)</i>	<i>FAG</i> <i>Au</i> <i>(ppm)</i>	<i>MS</i> <i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppb)</i>
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		BIO 2 PRV								
		Structure:								
	322.35 - 323.20	Alpha: 30								
		Type/GEN/Intensity								
		SHD 3								
		Beta: 0								
		CA1: CA2:								
		30 30								



DRILL HOLE REPORT

Hole Number **305-17-18**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 92.24	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -39.13	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 350	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 04-Jun-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 04-Jun-17				Surveyed: yes
Logged: 28-Jun-17				Surveyed by: Mark Cottrell
Comment: Nice Looking Ore zone from 265.45-292.95 m; with deformation and mineralization increasing downhole; 291.7-292.95 has laminated texture consistent with Iron Formation separating Basalt from Ultramafic				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10222.033	East: 448366.81
			North: 50059.321	North: 5663847.8
			Elev.: 5066.462	Elev.: 66.46
			Zone: 15N	NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	92.24	-39.13	C	<input checked="" type="checkbox"/>	
0.10	92.23	-39.13	Gyro	<input checked="" type="checkbox"/>	
10.10	91.97	-39.27	Gyro	<input checked="" type="checkbox"/>	
15.00	94.60	-39.00	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
20.10	92.26	-39.15	Gyro	<input checked="" type="checkbox"/>	
30.10	92.53	-39.01	Gyro	<input checked="" type="checkbox"/>	
40.10	92.57	-39.00	Gyro	<input checked="" type="checkbox"/>	
50.10	92.81	-38.92	Gyro	<input checked="" type="checkbox"/>	
51.00	97.49	-38.62	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
60.10	93.01	-39.10	Gyro	<input checked="" type="checkbox"/>	
70.10	93.23	-39.33	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	93.45	-39.38	Gyro	<input checked="" type="checkbox"/>	
90.10	93.50	-39.54	Gyro	<input checked="" type="checkbox"/>	
100.10	93.64	-39.64	Gyro	<input checked="" type="checkbox"/>	
102.00	99.00	-39.40	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
110.10	93.56	-39.82	Gyro	<input checked="" type="checkbox"/>	
120.10	93.74	-39.92	Gyro	<input checked="" type="checkbox"/>	
130.10	94.03	-39.98	Gyro	<input checked="" type="checkbox"/>	
140.10	93.87	-40.05	Gyro	<input checked="" type="checkbox"/>	
150.10	93.72	-40.31	Gyro	<input checked="" type="checkbox"/>	
153.00	101.02	-39.90	DeviSh ot	<input type="checkbox"/>	Suspect; Replaced by gyro
160.10	93.76	-40.47	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-18

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	94.00	-40.43	Gyro	<input checked="" type="checkbox"/>	
180.10	94.17	-40.39	Gyro	<input checked="" type="checkbox"/>	
190.10	94.28	-40.51	Gyro	<input checked="" type="checkbox"/>	
200.10	94.55	-40.52	Gyro	<input checked="" type="checkbox"/>	
204.00	98.35	-40.12	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	94.57	-40.70	Gyro	<input checked="" type="checkbox"/>	
220.10	94.71	-40.87	Gyro	<input checked="" type="checkbox"/>	
230.10	94.90	-41.05	Gyro	<input checked="" type="checkbox"/>	
240.10	95.02	-41.16	Gyro	<input checked="" type="checkbox"/>	
250.10	95.76	-41.21	Gyro	<input checked="" type="checkbox"/>	
255.00	100.12	-40.99	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	95.91	-41.36	Gyro	<input checked="" type="checkbox"/>	
270.10	96.18	-41.52	Gyro	<input checked="" type="checkbox"/>	
280.10	96.42	-41.54	Gyro	<input checked="" type="checkbox"/>	
290.10	96.76	-41.66	Gyro	<input checked="" type="checkbox"/>	
300.10	96.67	-41.71	Gyro	<input checked="" type="checkbox"/>	
306.00	100.08	-41.44	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
310.10	96.63	-41.90	Gyro	<input checked="" type="checkbox"/>	
350.00	100.16	-42.09	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
0.00	13.80	Feature 1	PED37778	13.05	13.80	0.75	0.00	<0.005	-	-	-
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: FLT SHD</p> <p>Talc Zone; Dark Green/Blue; Very poor ground conditions; Faulting and gouge @ sub-// TCA to 20 TCA; LCT @ 75 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p> TLC 3 PRV</p>									
13.80	17.75	Feature 1	PED37779	13.80	14.55	0.75	0.01	0.013	-	-	-
		<p>Type</p> <p>I0E <i>Lamprophyre</i></p> <p>QLF: ALT</p> <p>Lamp Dyke; Black; large flecks of bio @ uphole contact within carb fluids; 3% Carb irregular carb veining locally sub-// TCA' high carb content; low magnetism; LCT @ 75 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p> CB 3 PRV</p>	PED37780	14.55	15.50	0.95	0.07	0.073	-	-	-
			PED37781	15.50	16.00	0.50	0.06	0.058	-	-	-
			PED37782	16.00	17.00	1.00	0.02	0.024	-	-	-
			PED37783	17.00	17.75	0.75	0.10	0.101	-	-	-
17.75	20.00	Feature 1	PED37785	17.75	18.80	1.05	0.00	<0.005	-	-	-
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF:</p> <p>E0T; Med Green/Blue; VFG; Strong Talc alteration; strong S1 Fabric @ 30 TCA;</p>	PED37786	18.80	19.25	0.45	0.27	0.269	-	-	-
			PED37787	19.25	20.00	0.75	0.00	<0.005	-	-	-



LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-18

Project: PHOENIX

Project Number: 2

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																				
		Alteration : Type/Intensity/Texture AMP SIL BIO																																													
20.00	22.80	Feature 1	PED37788	20.00	21.00	1.00	0.01	0.012	-	-																																					
		<table border="0"> <tr> <td></td> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>I0E</td> <td>Lamprophyre</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td></td> <td></td> <td>PED37789</td> <td>21.00</td> <td>22.00</td> <td>1.00</td> <td>0.06 0.058 - -</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PED37790</td> <td>22.00</td> <td>22.85</td> <td>0.85</td> <td>0.02 0.024 - -</td> </tr> </table>		Type	Dyke	%	Thickness	Colour	Vein						I0E	Lamprophyre	<input type="checkbox"/>	0	0			PED37789	21.00	22.00	1.00	0.06 0.058 - -								PED37790	22.00	22.85	0.85	0.02 0.024 - -									
	Type	Dyke	%	Thickness	Colour	Vein																																									
I0E	Lamprophyre	<input type="checkbox"/>	0	0			PED37789	21.00	22.00	1.00	0.06 0.058 - -																																				
							PED37790	22.00	22.85	0.85	0.02 0.024 - -																																				
		<p>QLF: ALT</p> <p>Lamp Dyke; Black; large flecks of bio @ uphole contact within carb fluids; 3% Carb irregular carb veining locally sub-// TCA high carb content; low magnetism; LCT @ 75 TCA</p>																																													
		Alteration : Type/Intensity/Texture CB 2 FF BIO 2 PRV																																													



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
22.80	111.35	Feature 1	PED37791	22.85	23.80	0.95	0.00	<0.005	-	-	-
		Type	PED37792	23.80	24.60	0.80	0.00	<0.005	-	-	-
		E0T Talc_rich_unit	PED37794	67.00	68.00	1.00	0.00	<0.005	-	-	-
		QLF: SHD FOL GS1	PED37795	68.00	68.80	0.80	0.00	<0.005	-	-	-
		Talc Zone; Med-Dark Green/Blue; strong Talc alteration; locally faulted // to S1 Fabric @ 30 TCA	PED37796	68.80	69.60	0.80	0.00	<0.005	-	-	-
			PED37797	69.60	70.10	0.50	0.00	<0.005	-	-	-
		Alteration :	PED37799	70.10	71.00	0.90	0.00	<0.005	-	-	-
		Type/Intensity/Texture	PED37800	71.00	72.00	1.00	0.01	0.005	-	-	-
		TLC 3 PRV	PED37801	72.00	73.00	1.00	0.00	<0.005	-	-	-
			PED37802	73.00	74.00	1.00	0.00	<0.005	-	-	-
			PED37803	74.00	75.00	1.00	0.00	<0.005	-	-	-
			PED37804	75.00	75.75	0.75	0.00	<0.005	-	-	-
			PED37805	75.75	76.55	0.80	0.00	<0.005	-	-	-
			PED37806	76.55	77.15	0.60	0.00	<0.005	-	-	-
			PED37808	77.15	78.00	0.85	0.00	<0.005	-	-	-
			PED37809	107.00	108.00	1.00	0.00	<0.005	-	-	-
			PED37810	108.00	108.85	0.85	0.00	<0.005	-	-	-
			PED37811	108.85	109.85	1.00	0.02	0.022	-	-	-
			PED37812	109.85	110.65	0.80	0.02	0.017	-	-	-
			PED37813	110.65	111.35	0.70	2.32	2.320	-	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
111.35	118.65	Feature 1	PED37814	111.35	111.80	0.45	0.06	0.062	-	-
		Type	PED37815	111.80	112.40	0.60	0.06	0.063	-	-
		E1H High_titanium_basalt	PED37816	112.40	113.20	0.80	7.02	7.020	-	-
		QLF: GS1 FOL	PED37818	113.20	113.90	0.70	0.21	0.210	-	-
		Hi Ti Basalt; Dark Grey/Brown; Aphanitic to VFG; 2-3% mm-scale Qtz carb veinlets at many orientations; 3-5% Po/Py in E1H assoc w/ concentrations in veinlets; Wk-Mod Fol @ 50 TCA; LCT @ 50 TCA	PED37819	113.90	114.45	0.55	0.04	0.039	-	-
		Alteration :	PED37820	114.45	115.15	0.70	0.03	0.028	-	-
		Type/Intensity/Texture	PED37821	115.15	115.70	0.55	0.14	0.143	-	-
		BIO 2 PRV	PED37823	115.70	116.80	1.10	0.07	0.072	-	-
		Mineralization Maj. :	PED37824	116.80	117.60	0.80	0.16	0.162	-	-
		Type/GSZ%/HABIT	PED37825	117.60	118.65	1.05	0.03	0.026	-	-
		111.35 - PY GS1 1.5 DIS								
		118.65								
		111.35 - PO GS1 3.5 DIS								
		118.65								
		Comment								
		Dism Sulphides in E1H assoc w/ mm-scale qtz carb veinlets @ several orientations								
		Dism Sulphides in E1H assoc w/ mm-scale qtz carb veinlets @ several orientations								
118.65	119.75	Feature 1	PED37826	118.65	119.75	1.10	0.23	0.227	-	-
		Type								
		E0B Komatiitic_basalt								
		QLF: GS1 FOL								
		BK; Med-Dark Green; VFG; 1-2% Qtz carb stingers // to fol @ 45 TCA								
		Alteration :								
		Type/Intensity/Texture								
		CHL 2 PRV								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
119.75	133.50	Feature 1	PED37827	119.75	120.75	1.00	0.17	0.174	-	-
		Type	PED37828	120.75	121.75	1.00	0.28	0.276	-	-
		I3 Felsic_intrusive	PED37829	121.75	122.70	0.95	0.76	0.764	-	-
		QLF: GS1 ALT	PED37830	122.70	123.70	1.00	0.03	0.033	-	-
		Felsic Dyke; Med-Dark Grey; Aphanitic-VFG; Banded Dark brown bio alteration; commonly fractured @ 50 TCA; LCT @ 45 TCA	PED37831	123.70	124.70	1.00	0.13	0.129	-	-
		Alteration :	PED37832	124.70	125.70	1.00	0.37	0.368	-	-
		Type/Intensity/Texture	PED37834	125.70	126.70	1.00	0.94	0.940	-	-
		AMP	PED37835	126.70	127.70	1.00	0.05	0.045	-	-
		SIL	PED37836	127.70	128.65	0.95	0.03	0.030	-	-
		BIO	PED37837	128.65	129.65	1.00	0.19	0.192	-	-
			PED37838	129.65	130.60	0.95	0.13	0.130	-	-
			PED37839	130.60	131.75	1.15	0.17	0.168	-	-
			PED37840	131.75	132.70	0.95	0.19	0.189	-	-
			PED37842	132.70	133.00	0.30	0.03	0.032	-	-
			PED37843	133.00	133.50	0.50	0.04	0.040	-	-
133.50	164.20	Feature 1	PED37844	133.50	134.00	0.50	0.07	0.070	-	-
		Type	PED37846	134.00	135.00	1.00	0.00	<0.005	-	-
		E0T Talc_rich_unit	PED37847	135.00	136.00	1.00	0.00	<0.005	-	-
		QLF:	PED37848	136.00	137.00	1.00	0.00	<0.005	-	-
		Talc Zone; Med-Dark Green/Blue; strong Talc alteration; locally faulted // to S1 Fabric @ 30 TCA	PED37849	137.00	138.00	1.00	0.00	<0.005	-	-
		Alteration :	PED37850	161.20	162.20	1.00	0.00	<0.005	-	-
		Type/Intensity/Texture	PED37851	162.20	163.20	1.00	0.00	<0.005	-	-
		AMP	PED37852	163.20	164.20	1.00	0.00	<0.005	-	-
		SIL								
		BIO								



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							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
164.20	170.80	Feature 1	PED37853	164.20	164.65	0.45	0.00	<0.005	-	-		
		Type	PED37855	164.65	165.65	1.00	0.00	<0.005	-	-		
		E0B Komatiitic_basalt	PED37856	165.65	166.60	0.95	0.00	<0.005	-	-		
		QLF: FOL GS1 SHD	PED37857	166.60	167.60	1.00	0.00	<0.005	-	-		
		BK; Med Green; VFG; minor talc alteration grading towards E0T; sheared uphole contact @ 55 TCA from 164.2-164.65 m; minor shearing at downhole contact; LCT @ 35 TCA	PED37858	167.60	168.60	1.00	0.00	<0.005	-	-		
			PED37859	168.60	169.35	0.75	0.00	<0.005	-	-		
			PED37860	169.35	170.15	0.80	0.00	<0.005	-	-		
			PED37861	170.15	170.80	0.65	0.02	0.019	-	-		
		Alteration :										
		Type/Intensity/Texture										
		TLC 2 PRV										
		Structure:										
		164.20 - 164.65										
		Alpha: 55										
		Beta: 0										
		Type/GEN/Intensity										
		V2 2										
		SHD 2										
		CA1: CA2:										
		50 60										
		50 60										
170.80	182.85	Feature 1	PED37862	170.80	171.80	1.00	0.03	0.034	-	-		
		Type	PED37863	171.80	172.75	0.95	0.01	0.012	-	-		
		E1H High_titanium_basalt	PED37864	172.75	173.65	0.90	0.00	<0.005	-	-		
		QLF: GS1 MAS ALT	PED37865	173.65	174.30	0.65	0.10	0.095	-	-		
		Hi Ti; Dark Brown/Black; Aphanitic to VFG; 2% cm qtz and qtz carb stringers from sub-// TCA to 50 TCA; banded Bio alteration assoc w/ veining; trace sulphides throughout; LCT @ 45 TCA	PED37866	174.30	175.30	1.00	0.02	0.018	-	-		
			PED37868	175.30	176.15	0.85	0.04	0.036	-	-		
			PED37869	176.15	177.00	0.85	0.61	0.610	-	-		
			PED37870	177.00	177.55	0.55	0.01	0.009	-	-		
			PED37871	177.55	178.40	0.85	0.08	0.082	-	-		
			PED37872	178.40	178.80	0.40	0.98	0.979	-	-		
			PED37874	178.80	179.80	1.00	0.08	0.076	-	-		
		Alteration :										
		Type/Intensity/Texture										
		BIO 2 BAN										
		Structure:										
		176.15 - 177.55										
		Alpha: 15										
		Beta: 0										
		Type/GEN/Intensity										
		V2 2										
		SHD 2										
		CA1: CA2:										
		50 60										
		50 60										



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		1U 2U	PED37875	179.80	180.75	0.95	0.04	0.039	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT	PED37876	180.75	181.75	1.00	0.11	0.111	-	-	
		176.15 - PO GS1 1 DIS	PED37877	181.75	182.50	0.75	0.04	0.035	-	-	
182.85	191.20	Feature 1	PED37878	182.50	183.85	1.35	0.03	0.028	-	-	
		Type	PED37880	183.85	184.75	0.90	0.03	0.032	-	-	
		E0T Talc_rich_unit	PED37881	184.75	185.70	0.95	0.17	0.166	-	-	
		QLF: SHD GS1 ALT	PED37882	185.70	186.65	0.95	0.02	0.016	-	-	
		Talc-Altered Basalt; Med green; VF-FG; Mod-Strong S1 fabric @ 50 TCA; LCT @ 40 TCA	PED37883	186.65	187.85	1.20	0.01	0.006	-	-	
			PED37884	187.85	188.75	0.90	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture	PED37885	188.75	189.50	0.75	0.00	<0.005	-	-	
		TLC 3 PRV	PED37886	189.50	190.20	0.70	0.00	<0.005	-	-	
			PED37887	190.20	191.20	1.00	0.70	0.697	-	-	
191.20	200.45	Feature 1	PED37888	191.20	192.20	1.00	0.21	0.211	-	-	
		Type	PED37890	192.20	192.95	0.75	0.06	0.057	-	-	
		I3 Felsic_intrusive	PED37891	192.95	193.90	0.95	0.04	0.042	-	-	
		QLF: BRX GS0 FRA	PED37892	193.90	194.35	0.45	0.10	0.100	-	-	
		Felsic Dyke; Med-Dark Grey; Aphanitic-VFG; Mod-Strong Brx throughout w/ actinolite-lined fractures @ multiple orientations; trace sulphides; LCT @ 35 TCA	PED37893	194.35	195.15	0.80	0.45	0.452	-	-	
			PED37895	195.15	196.15	1.00	0.10	0.096	-	-	
			PED37896	196.15	196.90	0.75	0.15	0.146	-	-	
		Alteration : Type/Intensity/Texture	PED37897	196.90	197.65	0.75	0.24	0.238	-	-	
		AC 2 FF	PED37898	197.65	198.75	1.10	0.16	0.164	-	-	
			PED37899	198.75	199.40	0.65	0.19	0.187	-	-	
			PED37900	199.40	200.45	1.05	0.05	0.054	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
200.45	265.45	Feature 1	PED37901	200.45	201.20	0.75	0.05	0.052	-	-		
		Type	PED37902	201.20	202.20	1.00	0.01	0.008	-	-		
		E0T Talc_rich_unit	PED37903	202.20	203.40	1.20	0.00	<0.005	-	-		
		QLF: GS1 ALT SCH	PED37904	203.40	204.40	1.00	0.00	<0.005	-	-		
		Talc Zone; Med-Dark Green/Blue; strong Talc alteration; erratic fabric/brx texture throughout; LCT @ 40 TCA	PED37905	204.40	205.40	1.00	0.00	<0.005	-	-		
			PED37906	205.40	206.15	0.75	0.01	0.008	-	-		
		Alteration : Type/Intensity/Texture	PED37907	206.15	206.85	0.70	0.00	<0.005	-	-		
		TLC 3 PRV	PED37908	206.85	207.75	0.90	0.00	<0.005	-	-		
		Structure:	PED37909	207.75	208.30	0.55	0.00	<0.005	-	-		
		207.75 - 208.30 Alpha: 50 Beta: 0	PED37910	208.30	209.20	0.90	0.00	<0.005	-	-		
		Type/GEN/Intensity CA1: CA2:	PED37911	261.30	262.30	1.00	0.00	<0.005	-	-		
		V1S 2 50	PED37912	262.30	263.30	1.00	0.01	0.009	-	-		
			PED37913	263.30	264.20	0.90	0.05	0.045	-	-		
			PED37914	264.20	264.55	0.35	0.32	0.324	-	-		
			PED37915	264.55	265.45	0.90	0.15	0.154	-	-		
265.45	284.75	Feature 1	PED37916	265.45	266.00	0.55	9.04	9.040	-	-		
		Type	PED37918	266.00	267.00	1.00	0.44	0.442	-	-		
		E1H High_titanium_basalt	PED37919	267.00	268.00	1.00	0.35	0.352	-	-		
		QLF: GS1 FOL VND	PED37920	268.00	268.40	0.40	1.06	1.060	-	-		
		Hi Ti; Dark Brown; VFG-FG; 2-3% mm scale V2A veinlets at multiple discordant orientations @ 40 to 70 TCA;	PED37922	268.40	269.20	0.80	0.25	0.248	-	-		
		3% cm- scale creamy extensional qtz veining sub-// TCA (suggesting flat or E/W orientation); VF bio alteration	PED37923	269.20	270.15	0.95	0.14	0.135	-	-		
		and host rock sulphide mineralization assoc w/ extensional veining within E1H; LCT into def E1H @ 35 TCA	PED37924	270.15	270.80	0.65	0.79	0.792	-	-		
			PED37926	270.80	271.40	0.60	0.60	0.601	-	-		
		Alteration : Type/Intensity/Texture	PED37927	271.40	272.15	0.75	0.73	0.729	-	-		
		BIO 3 HAL	PED37928	272.15	272.55	0.40	2.17	2.170	-	-		
		Structure:	PED37929	272.55	273.15	0.60	4.29	4.290	-	-		
		268.00 - 268.40 Alpha: 30 Beta: 0	PED37930	273.15	273.65	0.50	2.29	2.290	-	-		
		Type/GEN/Intensity CA1: CA2:										
		V1S 2 50										



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		30	30	PED37931	273.65	274.30	0.65	1.20	1.200	-	-	
	270.15 - 272.55	Alpha: 10 Type/GEN/Intensity V2_BX V2_E 2	Beta: 0 CA1: CA2: 50 50 3 15	PED37933	274.30	274.70	0.40	0.78	0.779	-	-	
				PED37934	274.70	275.60	0.90	0.41	0.414	-	-	
				PED37935	275.60	276.25	0.65	0.20	0.201	-	-	
				PED37936	276.25	277.00	0.75	0.34	0.339	-	-	
	279.85 - 280.75	Alpha: 3 Type/GEN/Intensity V2_E 2	Beta: 0 CA1: CA2: 0 5	PED37937	277.00	277.30	0.30	1.23	1.230	-	-	
				PED37938	277.30	277.85	0.55	0.43	0.434	-	-	
	281.75 - 284.75	Alpha: 7 Type/GEN/Intensity V2_E 3	Beta: 0 CA1: CA2: 0 10	PED37939	277.85	278.80	0.95	0.03	0.025	-	-	
				PED37940	278.80	279.45	0.65	0.01	0.005	-	-	
				PED37941	279.45	279.85	0.40	0.04	0.038	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT	Comment	PED37942	279.85	280.75	0.90	0.88	0.883	-	-	
	265.45 - 270.15	PY GS1 0.5 DIS	Dism sulphides throughout E1H	PED37944	280.75	281.75	1.00	0.05	0.047	-	-	
	265.45 - 270.15	PO GS1 0.5	Dism sulphides throughout E1H	PED37945	281.75	282.55	0.80	4.59	4.590	-	-	
	270.15 - 272.55	PY GS1 1 DIS	Dism sulphides in cm-scale halo proximal to Extensional Qtz veining contacts	PED37946	282.55	283.00	0.45	7.14	7.140	-	-	
	270.15 - 272.55	PO GS1 2 DIS	Dism sulphides in cm-scale halo proximal to Extensional Qtz veining contacts	PED37947	283.00	283.45	0.45	6.72	6.720	-	-	
				PED37948	283.45	283.95	0.50	1.81	1.810	-	-	
				PED37950	283.95	284.75	0.80	3.03	3.030	-	-	
284.75	291.70	Feature 1		PED37951	284.75	285.45	0.70	8.46	8.460	-	-	
		Type	Dyke % Thickness Colour Vein	PED37952	285.45	286.30	0.85	4.61	4.610	-	-	
		E1H High titanium basalt	<input type="checkbox"/> 70 0	PED37954	286.30	286.95	0.65	5.38	5.380	-	-	
		QLF: DEFS SHD MIN		PED37955	286.95	287.75	0.80	2.70	2.700	-	-	
		Deformed Hi Ti; Dark Grey/Brown; Sheared throughout @ 40 to 50 TCA; banded R5 replacement assoc w/ cm-scale Qtz vein // to shearing; LCT @ 75 TCA		PED37956	287.75	288.15	0.40	1.28	1.280	-	-	
				PED37957	288.15	288.50	0.35	1.11	1.110	-	-	
				PED37958	288.50	288.85	0.35	0.92	0.915	-	-	
		Alteration :	Type/Intensity/Texture	PED37959	288.85	289.55	0.70	27.50	>10.000	27.50	-	
			BIO 3 PRV	PED37961	289.55	290.10	0.55	4.02	4.020	-	-	
		Structure:		PED37962	290.10	290.80	0.70	1.45	1.450	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
	284.75 - 288.15	Alpha: 50 Type/GEN/Intensity V2 3 R5 3	Beta: 0 CA1: CA2: 40 50 40 50	PED37963	290.80	291.70	0.90	2.80	2.800	-	-
	288.15 - 288.50	Alpha: 35 Type/GEN/Intensity V2_BX 3	Beta: 0 CA1: CA2: 30 40								
	288.50 - 291.70	Alpha: 40 Type/GEN/Intensity V2 3 R5 3	Beta: 0 CA1: CA2: 40 50 40 50								
		Mineralization Maj. : Type/GSZ%/HABIT	Comment								
	284.75 - 285.45	PY GS1 2 DIS	Mineralization increasing downhole as deformation increases								
	284.75 - 285.45	PO GS1 5 DIS	Mineralization increasing downhole as deformation increases								
	285.45 - 286.30	PO GS1 10 DIS	30% sulphide mineralization // to shearing and cm-scale smokey qtz veinlets								
	285.45 - 286.30	PY GS1 20 DIS	30% sulphide mineralization // to shearing and cm-scale smokey qtz veinlets								
	286.30 - 288.50	AS GS1 1 DIS	Bands of dism sulphides // to shearing fabric assoc w/ silicification								
	286.30 - 288.50	PY GS1 2 DIS	Bands of dism sulphides // to shearing fabric assoc w/ silicification								
	286.30 - 288.50	PO GS1 4 BAN	Bands of dism sulphides // to shearing fabric assoc w/ silicification								
	288.50 - 289.55	PO GS1 10	Banded dism sulphides // to shearing and boudinaged qtz veining; R5 replacement of host rock through deformation								
	288.50 - 289.55	PY GS2 25 DIS	Banded dism sulphides // to shearing and boudinaged qtz veining; R5 replacement of host rock through deformation								
	289.55 - 291.70	PO GS1 1.5 DIS	Banded dism sulphides // to shearing in E1H; assoc w mm-scale qtz veining // to shearing								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	289.55 - 291.70	PY GS1 3.5 DIS Banded dism sulphides // to shearing in E1H; assoc w mm-scale qtz veining // to shearing									
		Feature 2:									
		Type									
		R5 Sulphides	□	30		0					
		QLF: DEFS SHD MIN									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 VND									
291.70	292.95	Feature 1		PED37964	291.70	292.50	0.80	12.09	>10.00	12.09	-
		Type		PED37965	292.50	292.95	0.45	1.07	1.070	-	-
		C2 Iron_formation	□								
		QLF: LAM BED DEF									
		BIF; Dark Brown/Med Green; sheared @ 35 TCA; Laminated and bedded textures increasing downhole as deformation dissipates; Po/Py mineralization assoc w/ qtz and qtz carb veining // to laminae and shearing; LCT @ 55 TCA									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 VND									
		BIO 2 BAN									
		Structure:									
	291.70 - 292.95	Alpha: 45	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		SHD 3	40 50								
		Mineralization Maj. :									
		Type/GSZ%/HABIT	Comment								
	291.70 - 292.50	PY GS1 1 DIS	Banded Dism Sulphides assoc w/ silicification and qtz veining of Deformed Iron Formation; dissipating in intensity down hole								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)				
	291.70 - 292.50	PO	GS1	2.5	DIS	Banded Dism Sulphides assoc w/ silicification and qtz veining of Deformed Iron Formation; dissipating in intensity down hole													
292.95	307.00	Feature 1					PED37967	292.95	293.45	0.50	1.09	1.090	-	-					
		Type		Dyke	%	Thickness	Colour	Vein		PED37968	293.45	294.10	0.65	1.06	1.060	-	-		
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0				PED37969	294.10	294.40	0.30	0.27	0.272	-	-		
		QLF: ALT SCH GS1									PED37970	294.40	294.90	0.50	0.01	0.010	-	-	
		Talc-rich UM; Med-Dark Green/Creamy grey chaotic talc veining; wk-mod silicification; S1 Fabric present @ 35 TCA									PED37971	294.90	295.80	0.90	0.00	<0.005	-	-	
		Alteration :	Type/Intensity/Texture								PED37972	295.80	296.80	1.00	0.00	<0.005	-	-	
			TLC	3	PRV					PED37973	296.80	297.55	0.75	0.00	<0.005	-	-		
										PED37974	297.55	297.85	0.30	0.00	<0.005	-	-		
										PED37975	297.85	298.75	0.90	0.00	<0.005	-	-		
										PED37976	298.75	299.75	1.00	0.01	0.008	-	-		
										PED37977	299.75	300.40	0.65	0.00	<0.005	-	-		
										PED37978	300.40	301.15	0.75	0.00	<0.005	-	-		
										PED37979	301.15	302.05	0.90	0.01	0.006	-	-		
										PED37980	302.05	302.60	0.55	0.00	<0.005	-	-		
										PED37982	302.60	303.20	0.60	0.00	<0.005	-	-		
										PED37983	303.20	303.90	0.70	0.00	<0.005	-	-		
										PED37984	303.90	304.90	1.00	0.00	<0.005	-	-		
										PED37985	304.90	305.45	0.55	0.01	0.006	-	-		
										PED37986	305.45	306.16	0.71	0.00	<0.005	-	-		
										PED37987	306.16	306.65	0.49	0.00	<0.005	-	-		
										PED37988	306.65	307.00	0.35	0.00	<0.005	-	-		



LITHOLOGY REPORT

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Hole Number **305-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
307.00	321.45	Feature 1	PED37990	307.00	308.00	1.00	0.00	<0.005	-	-	-
		Type	PED37991	317.40	318.45	1.05	0.00	<0.005	-	-	-
		E0B Komatiitic_basalt	PED37992	318.45	319.45	1.00	0.00	<0.005	-	-	-
		QLF: GS1 FOL	PED37993	319.45	320.45	1.00	0.00	<0.005	-	-	-
		BK; Med Green; VFG; Wk-Mod Talc content; Mod S1 Fabric @ 50 TCA; LCT Sheared @ 40 TCA	PED37994	320.45	321.45	1.00	0.00	<0.005	-	-	-
		Alteration : Type/Intensity/Texture									
		TLC 2 PRV									
321.45	331.05	Feature 1	PED37995	321.45	322.00	0.55	0.03	0.033	-	-	-
		Type	PED37997	322.00	322.90	0.90	0.00	<0.005	-	-	-
		E0T Talc_rich_unit	PED37998	322.90	323.40	0.50	0.00	<0.005	-	-	-
		QLF: SCH SHD GS1	PED37999	323.40	324.40	1.00	0.00	<0.005	-	-	-
		Talc-rich UM; Med-Dark Green/Creamy grey chaotic talc veining; Upper contact defined by shear zone 321.45-322.9 m @ 45 TCA; wk-mod silicification; S1 Fabric present @ 40 TCA; LCT @ 35 TCA	PED38000	324.40	325.40	1.00	0.01	0.010	-	-	-
		Alteration : Type/Intensity/Texture	PED53751	325.40	325.80	0.40	0.00	<0.005	-	-	-
		TLC 3 PRV	PED53752	325.80	326.80	1.00	0.00	<0.005	-	-	-
		Structure:	PED53753	326.80	327.40	0.60	0.00	<0.005	-	-	-
		321.45 - 323.40 Alpha: 50 Beta: 0	PED53754	327.40	328.30	0.90	0.00	<0.005	-	-	-
		Type/GEN/Intensity	PED53756	328.30	329.30	1.00	0.01	0.005	-	-	-
		V1 2 CA1: CA2:	PED53757	329.30	330.20	0.90	0.01	0.008	-	-	-
		SHD 2 50 50	PED53758	330.20	331.05	0.85	0.00	<0.005	-	-	-
331.05	335.95	Feature 1									



LITHOLOGY REPORT

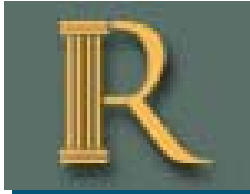
- Detailed -

Hole Number **305-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0										
		QLF: GS1 FOL													
		Mafic Dyke; Dark Grey/Green; VF-FG; mod fol @ 40 TCA; trace qtz stringers; barren; LCT @ 50 TCA													
		Alteration : Type/Intensity/Texture													
		BIO 2 PRV													
335.95	350.00	Feature 1													
		Type	Dyke	%	Thickness	Colour	Vein								
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0										
		QLF:													
		Talc-rich UM; Med-Dark Green/Creamy grey chaotic talc veining; wk-mod silicification; S1 Fabric present @ 25 TCA; EOH @ 350 m													
		Alteration : Type/Intensity/Texture													
		AMP													
		SIL													
		BIO													



DRILL HOLE REPORT

Hole Number **305-17-19**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 82.63	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -33.67	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 360	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 09-Jun-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 09-Jun-17				Surveyed: yes
Logged: 08-Jul-17				Surveyed by: Mark Cottrell
Comment: Very Nice zone of E1H from 213.6-235.95; However strong foliation and vein contacts sub-// TCA suggest hole was drilled down-strike; making for poor true-thickness calculations, just saying I.M.Dick; Chaotic Brecciated Qtz vein with strong adjacent mineralization throughout; 3 flecks VG noted within qtz vein ~225.8 m				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10222.261	East: 448367.18
			North: 50059.619	North: 5663847.85
			Elev.: 5066.673	Elev.: 66.67
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	82.63	-33.67	C	<input checked="" type="checkbox"/>	
0.10	82.62	-33.67	Gyro	<input checked="" type="checkbox"/>	
10.10	82.64	-33.66	Gyro	<input checked="" type="checkbox"/>	
15.00	84.40	-33.47	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
20.10	82.72	-33.65	Gyro	<input checked="" type="checkbox"/>	
30.10	82.79	-33.62	Gyro	<input checked="" type="checkbox"/>	
40.10	82.83	-33.69	Gyro	<input checked="" type="checkbox"/>	
50.10	82.97	-33.59	Gyro	<input checked="" type="checkbox"/>	
51.00	86.44	-33.36	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
60.10	83.17	-33.72	Gyro	<input checked="" type="checkbox"/>	
70.10	83.56	-33.80	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	83.82	-33.75	Gyro	<input checked="" type="checkbox"/>	
90.10	83.89	-33.83	Gyro	<input checked="" type="checkbox"/>	
100.10	83.74	-33.89	Gyro	<input checked="" type="checkbox"/>	
102.00	86.66	-33.65	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
110.10	83.81	-33.78	Gyro	<input checked="" type="checkbox"/>	
120.10	84.03	-33.74	Gyro	<input checked="" type="checkbox"/>	
130.10	84.02	-33.96	Gyro	<input checked="" type="checkbox"/>	
140.10	84.10	-34.21	Gyro	<input checked="" type="checkbox"/>	
150.10	84.40	-34.29	Gyro	<input checked="" type="checkbox"/>	
153.00	87.09	-34.12	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
160.10	84.47	-34.16	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-19

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	84.40	-34.20	Gyro	<input checked="" type="checkbox"/>	
180.10	84.49	-34.14	Gyro	<input checked="" type="checkbox"/>	
190.10	84.41	-34.25	Gyro	<input checked="" type="checkbox"/>	
200.10	84.41	-34.36	Gyro	<input checked="" type="checkbox"/>	
204.00	92.51	-34.15	DeviSh ot	<input type="checkbox"/>	Suspect; Replaced by gyro
210.10	84.40	-34.59	Gyro	<input checked="" type="checkbox"/>	
220.10	84.64	-34.48	Gyro	<input checked="" type="checkbox"/>	
230.10	84.81	-34.45	Gyro	<input checked="" type="checkbox"/>	
240.10	85.10	-34.56	Gyro	<input checked="" type="checkbox"/>	
250.10	84.87	-34.54	Gyro	<input checked="" type="checkbox"/>	
255.00	85.29	-33.61	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	84.73	-34.54	Gyro	<input checked="" type="checkbox"/>	
270.10	84.80	-34.46	Gyro	<input checked="" type="checkbox"/>	
280.10	85.04	-34.41	Gyro	<input checked="" type="checkbox"/>	
290.10	85.17	-34.36	Gyro	<input checked="" type="checkbox"/>	
300.10	85.51	-34.49	Gyro	<input checked="" type="checkbox"/>	
306.00	89.20	-34.31	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
310.10	85.88	-34.55	Gyro	<input checked="" type="checkbox"/>	
360.00	91.54	-34.84	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



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Hole Number **305-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	12.40	Feature 1									
		Type									
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0		0					
		QLF: FLT SHD GS1									
		Talc Zone; Med-Dark Green; VFG; highly sheared/faulted @ 15 to 20 TCA; locally completely faulted; very poor ground; LCT @ 50 TCA									
		Alteration : Type/Intensity/Texture									
		TLC 3 PRV									
12.40	22.30	Feature 1									
		Type									
		I0E <i>Lamprophyre</i>	<input checked="" type="checkbox"/>	75		0					
		QLF: DEF BAN FRA									
		Lamp Dyke; Dark Green/Black; Aphanitic-VFG; Localized fragments of E0B with contacts sub-// TCA; large flecks of bio alt localized w/ carb brx groundmass; LCT @ 40 TCA									
		Alteration : Type/Intensity/Texture									
		BIO 3 PRV									
		Structure:									
		12.40 - 22.30 Alpha:				Beta: 0					
		Type/GEN/Intensity				CA1: CA2:					
		SHD 2				10 10					
		Feature 2:									
		Type									
		E0B <i>Komatiitic_basalt</i>	<input checked="" type="checkbox"/>	25		0					



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		QLF: DEF BAN FRA																		
22.30	48.15	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0																	
		QLF: FLT SHD FTB																		
		Talc Zone; Med-Dark Green; VFG; highly sheared/faulted @ 10 to 20 TCA; locally completely faulted; flow top texture throughout; very poor ground; LCT @ 50 TCA																		
		Alteration : <i>Type/Intensity/Texture</i>																		
		TLC 3 PRV																		
48.15	49.20	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 <i>Mafic_intrusive</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 <i>Mafic_intrusive</i>	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
I1 <i>Mafic_intrusive</i>	<input type="checkbox"/>	0	0																	
		QLF: RCX SHD BQE																		
		Mafic Dyke? Dark Green/Blue to Dark Brown/Black; VFG; strong recrystallization texture resulting in boudinaged blue quartz eyes; mod-strong bio alteration defining foliation @ 35 TCA																		
		Alteration : <i>Type/Intensity/Texture</i>																		
		SIL 2 SPT																		
		BIO 2																		



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Hole Number **305-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
49.20	53.55	Feature 1	PED53759	52.80	53.55	0.75	0.00	<0.005	-	-	-
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SHD FLT</p> <p>Talc Zone; Med-Dark Green; VFG; highly sheared/faulted @ 20 to 40 TCA; locally completely faulted; flow top texture throughout; very poor ground; LCT @ 50 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 2 PRV</p>									
		<p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p>									
53.55	65.05	Feature 1	PED53760	53.55	54.25	0.70	0.00	<0.005	-	-	-
		<p>Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: RCX SHD BQE</p> <p>Mafic Dyke? Dark Green/Blue to Dark Brown/Black; VFG; strong recrystallization texture resulting in boudinaged blue quartz eyes; mod-strong bio alteration defining foliation @ 35 TCA; LCT @ 40 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>BIO 3 PRV</p>									
		<p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p>									
			PED53761	54.25	55.35	1.10	0.00	<0.005	-	-	-
			PED53762	55.35	55.90	0.55	1.51	1.510	-	-	-
			PED53764	55.90	56.80	0.90	0.01	0.007	-	-	-
			PED53765	56.80	57.80	1.00	0.00	<0.005	-	-	-
			PED53766	57.80	58.80	1.00	0.00	<0.005	-	-	-
			PED53767	58.80	59.80	1.00	0.00	<0.005	-	-	-
			PED53768	59.80	60.80	1.00	0.00	<0.005	-	-	-
			PED53769	60.80	61.80	1.00	0.01	0.008	-	-	-
			PED53770	61.80	62.80	1.00	0.00	<0.005	-	-	-
			PED53771	62.80	63.35	0.55	0.00	<0.005	-	-	-
			PED53773	63.35	64.10	0.75	0.01	0.011	-	-	-
			PED53774	64.10	65.05	0.95	0.00	<0.005	-	-	-



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Hole Number **305-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
65.05	103.75	Feature 1	PED53775	65.05	66.00	0.95	0.13	0.129	-	-	
		Type	PED53776	66.00	66.50	0.50	0.01	0.007	-	-	
		E0T Talc_rich_unit	PED53777	66.50	66.90	0.40	0.02	0.023	-	-	
		QLF: SHD FLT GS1	PED53779	66.90	67.90	1.00	0.01	0.011	-	-	
		Talc Zone; Med-Dark Green; VFG; highly sheared/faulted @ 15 to 40 TCA; locally completely faulted; flow top texture throughout; very poor ground; LCT @ 55 TCA	PED53780	67.90	68.90	1.00	0.01	0.005	-	-	
		Alteration :	PED53781	68.90	69.85	0.95	0.01	0.006	-	-	
		Type/Intensity/Texture	PED53782	69.85	70.95	1.10	0.01	0.006	-	-	
		TLC 3 PRV	PED53783	70.95	72.00	1.05	0.00	<0.005	-	-	
			PED53784	72.00	73.00	1.00	0.01	0.005	-	-	
			PED53785	73.00	73.75	0.75	0.01	0.006	-	-	
			PED53786	73.75	74.75	1.00	0.00	<0.005	-	-	
			PED53787	74.75	75.75	1.00	0.00	<0.005	-	-	
			PED53788	75.75	76.90	1.15	0.00	<0.005	-	-	
			PED53789	76.90	77.90	1.00	0.00	<0.005	-	-	
			PED53790	77.90	78.90	1.00	0.00	<0.005	-	-	
			PED53792	78.90	80.00	1.10	0.00	<0.005	-	-	
			PED53793	80.00	81.00	1.00	0.00	<0.005	-	-	
			PED53794	81.00	82.00	1.00	0.01	0.006	-	-	
			PED53795	82.00	83.00	1.00	0.00	<0.005	-	-	
			PED53796	83.00	84.00	1.00	0.00	<0.005	-	-	
			PED53797	84.00	85.00	1.00	0.00	<0.005	-	-	
			PED53799	85.00	86.00	1.00	0.00	<0.005	-	-	
			PED53800	86.00	86.50	0.50	0.03	0.029	-	-	
			PED53801	86.50	87.00	0.50	0.02	0.022	-	-	
			PED53802	87.00	88.00	1.00	0.00	<0.005	-	-	
			PED53803	88.00	88.95	0.95	0.00	<0.005	-	-	
			PED53804	88.95	89.80	0.85	0.00	<0.005	-	-	



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Hole Number **305-17-19**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED53805	89.80	90.80	1.00	0.04	0.038	-	-	
			PED53806	90.80	92.00	1.20	0.00	<0.005	-	-	
			PED53807	92.00	93.00	1.00	0.00	<0.005	-	-	
			PED53809	93.00	93.85	0.85	0.00	<0.005	-	-	
			PED53810	93.85	94.80	0.95	0.02	0.019	-	-	
			PED53811	94.80	95.70	0.90	0.00	<0.005	-	-	
			PED53812	95.70	96.40	0.70	0.00	<0.005	-	-	
			PED53813	96.40	97.05	0.65	0.01	0.009	-	-	
			PED53814	97.05	97.75	0.70	2.02	2.020	-	-	
			PED53816	97.75	98.50	0.75	0.02	0.019	-	-	
			PED53817	98.50	99.25	0.75	0.03	0.028	-	-	
			PED53818	99.25	100.35	1.10	0.09	0.092	-	-	
			PED53819	100.35	100.65	0.30	0.07	0.072	-	-	
			PED53820	100.65	101.65	1.00	0.08	0.083	-	-	
			PED53821	101.65	102.75	1.10	0.03	0.026	-	-	
			PED53822	102.75	103.75	1.00	0.03	0.030	-	-	
103.75	110.65	Feature 1	PED53823	103.75	104.70	0.95	0.09	0.094	-	-	
		Type									
		E1H High_titanium_basalt	Dyke	%	Thickness	Colour	Vein				
			<input type="checkbox"/>	0	0						
		QLF: MIN GS1 FOL									
		Hi Ti Basalt; Dark Brown/Black; Aphanitic-VFG; mod fol @ 50 TCA; 3-5% Po throughout; locally up to 10%; 2-3 % mm-cm scale qtz veining @ 45 TCA; LCT gradational into E0B @ 55 TCA									
		Alteration :	Type/Intensity/Texture								
			BIO 2 PRV								
		Mineralization Maj. :	Type/GSZ%/HABIT								
		103.75 -	PY GS1 1 DIS								
			Comment								
			Dism sulphides within E1H								
			PED53825	104.70	105.65	0.95	0.14	0.141	-	-	
			PED53826	105.65	106.30	0.65	0.49	0.491	-	-	
			PED53827	106.30	106.80	0.50	0.14	0.139	-	-	
			PED53828	106.80	107.40	0.60	0.14	0.140	-	-	
			PED53829	107.40	108.15	0.75	0.38	0.375	-	-	
			PED53830	108.15	108.90	0.75	0.15	0.150	-	-	
			PED53831	108.90	109.45	0.55	0.17	0.168	-	-	
			PED53833	109.45	109.90	0.45	0.60	0.601	-	-	
			PED53834	109.90	110.65	0.75	0.30	0.298	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	104.70										
	103.75 - 104.70	PO GS1 2 DIS Dism sulphides within E1H									
	104.70 - 109.90	PY GS1 1 DIS Mod-strong dism Po mineralization within E1H; trace Py									
	104.70 - 109.90	PO GS1 5 DIS Mod-strong dism Po mineralization within E1H; trace Py									
110.65	111.20	Feature 1	PED53835	110.65	111.20	0.55	0.60	0.604	-	-	
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: GS1 FOL</p> <p>BK; Med Green; VFG; fol @ 55 TCA; 5-7% mm scale qtz carb veining // to fol increasing in intensity towards LCT with I3; LCT @ 55 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p>CB 2 VND</p>									
111.20	124.65	Feature 1	PED53836	111.20	112.20	1.00	0.15	0.154	-	-	
		<p>Type</p> <p>I3 <i>Felsic_intrusive</i> <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: GS1</p> <p>Felsic Dyke; Med Grey/Pink; Aphanitic; Heavily Fractured @ multiple orientations; LCT @ 65 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p>BIO 2 PRV</p>	PED53837	112.20	113.20	1.00	0.08	0.080	-	-	
			PED53838	113.20	114.00	0.80	0.11	0.108	-	-	
			PED53839	114.00	115.00	1.00	0.20	0.198	-	-	
			PED53840	115.00	116.00	1.00	0.09	0.087	-	-	
			PED53841	116.00	117.00	1.00	0.14	0.136	-	-	
			PED53843	117.00	118.00	1.00	0.32	0.321	-	-	
			PED53844	118.00	119.00	1.00	1.47	1.470	-	-	
			PED53845	119.00	120.00	1.00	0.54	0.537	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED53846	120.00	121.00	1.00	0.16	0.155	-	-	
			PED53848	121.00	122.00	1.00	0.23	0.231	-	-	
			PED53849	122.00	123.00	1.00	0.38	0.380	-	-	
			PED53850	123.00	123.80	0.80	0.45	0.448	-	-	
			PED53851	123.80	124.65	0.85	0.34	0.337	-	-	
124.65	149.15	Feature 1	PED53852	124.65	125.65	1.00	0.28	0.283	-	-	
		Type	PED53853	125.65	126.65	1.00	0.01	0.007	-	-	
		EOT <i>Talc_rich_unit</i>	PED53854	126.65	127.70	1.05	0.00	<0.005	-	-	
		QLF: ALT SCH	PED53855	127.70	128.70	1.00	0.00	<0.005	-	-	
		Talc Zone; Med-Dark Green; creamy talcose stringers; S1 fabric @ 35 TCA; LCT sheared @ 50 TCA	PED53856	128.70	129.70	1.00	0.01	0.007	-	-	
			PED53858	129.70	130.70	1.00	0.00	<0.005	-	-	
		Alteration : <i>Type/Intensity/Texture</i>	PED53859	130.70	131.70	1.00	0.00	<0.005	-	-	
		TLC 3 PRV	PED53860	131.70	132.70	1.00	0.00	<0.005	-	-	
		Structure:	PED53861	132.70	133.70	1.00	0.00	<0.005	-	-	
		147.80 - 149.15 Alpha: 50 Beta: 0	PED53862	133.70	134.70	1.00	0.01	0.008	-	-	
		<i>Type/GEN/Intensity</i> CA1: CA2:	PED53863	134.70	135.70	1.00	0.01	0.006	-	-	
		SHD 2 50 50	PED53864	135.70	136.70	1.00	0.00	<0.005	-	-	
			PED53866	136.70	137.70	1.00	0.00	<0.005	-	-	
			PED53867	137.70	138.70	1.00	0.00	<0.005	-	-	
			PED53868	138.70	139.70	1.00	0.00	<0.005	-	-	
			PED53869	139.70	140.70	1.00	0.01	0.005	-	-	
			PED53870	140.70	141.70	1.00	0.01	0.006	-	-	
			PED53871	141.70	142.60	0.90	0.01	0.007	-	-	
			PED53872	142.60	143.20	0.60	0.00	<0.005	-	-	
			PED53874	143.20	144.00	0.80	0.01	0.013	-	-	
			PED53875	144.00	144.80	0.80	0.01	0.013	-	-	
			PED53876	144.80	145.65	0.85	0.00	<0.005	-	-	



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			PED53877	145.65	146.80	1.15	0.00	<0.005	-	-	
			PED53878	146.80	147.80	1.00	0.00	<0.005	-	-	
			PED53879	147.80	148.30	0.50	0.00	<0.005	-	-	
			PED53880	148.30	148.70	0.40	0.30	0.300	-	-	
			PED53882	148.70	149.15	0.45	0.03	0.030	-	-	
149.15	160.90	Feature 1	PED53883	149.15	150.15	1.00	0.01	0.014	-	-	
		Type	PED53884	150.15	150.85	0.70	0.26	0.257	-	-	
		Dyke % Thickness Colour Vein	PED53885	150.85	151.75	0.90	0.03	0.030	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED53886	151.75	152.05	0.30	0.40	0.400	-	-	
		QLF: GS1 FOL	PED53888	152.05	153.00	0.95	0.03	0.032	-	-	
		Hi Ti Basalt; Dark Brown; VF-FG; Mod fol @ 65 TCA; 3% mm-scale carb veining discordant at multiple orientations; LCT @ 50 TCA	PED53889	153.00	154.00	1.00	0.02	0.015	-	-	
		Alteration : Type/Intensity/Texture	PED53890	154.00	154.80	0.80	0.04	0.043	-	-	
		BIO 2 PRV	PED53891	154.80	155.20	0.40	0.10	0.104	-	-	
			PED53893	155.20	156.20	1.00	0.02	0.023	-	-	
			PED53894	156.20	157.00	0.80	0.01	0.013	-	-	
			PED53895	157.00	158.00	1.00	0.00	<0.005	-	-	
			PED53896	158.00	159.00	1.00	0.02	0.023	-	-	
			PED53897	159.00	160.00	1.00	0.08	0.078	-	-	
			PED53898	160.00	160.90	0.90	0.02	0.024	-	-	
160.90	168.55	Feature 1	PED53899	160.90	161.55	0.65	0.01	0.012	-	-	
		Type	PED53900	161.55	162.50	0.95	0.01	0.006	-	-	
		Dyke % Thickness Colour Vein	PED53901	162.50	163.50	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED53902	163.50	164.50	1.00	0.01	0.006	-	-	
		QLF: SCH GS1	PED53903	164.50	165.50	1.00	0.00	<0.005	-	-	
		Talc Zone; Med/Dark Green; Aphanitic; Strong S1 fabric grading to schistosity @ 50 TCA	PED53904	165.50	166.55	1.05	0.01	0.008	-	-	
		Alteration : Type/Intensity/Texture	PED53905	166.55	167.55	1.00	0.00	<0.005	-	-	
		TLC 3 PRV	PED53906	167.55	168.55	1.00	0.00	<0.005	-	-	



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							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
168.55	179.75	Feature 1	PED53907	168.55	169.55	1.00	0.16	0.160	-	-
		Type	PED53908	169.55	170.45	0.90	0.11	0.110	-	-
		Dyke % Thickness Colour Vein	PED53909	170.45	171.50	1.05	0.08	0.078	-	-
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED53910	171.50	172.50	1.00	0.23	0.226	-	-
		QLF:	PED53911	172.50	173.50	1.00	0.26	0.262	-	-
		Felsic Dyke; Lt-Med grey/pink; heavily fractured @ multiple orientations with actinolite-lined fractured; LCT @ 10/055 TCA	PED53913	173.50	174.00	0.50	0.19	0.193	-	-
		Alteration : Type/Intensity/Texture	PED53914	174.00	174.85	0.85	0.55	0.546	-	-
		AMP	PED53915	174.85	175.40	0.55	0.18	0.175	-	-
		SIL	PED53916	175.40	176.00	0.60	0.78	0.778	-	-
		BIO	PED53917	176.00	177.00	1.00	0.33	0.333	-	-
			PED53918	177.00	178.00	1.00	0.08	0.080	-	-
			PED53920	178.00	178.75	0.75	0.15	0.152	-	-
			PED53921	178.75	179.55	0.80	0.33	0.329	-	-
179.75	213.60	Feature 1	PED53922	179.55	180.00	0.45	0.20	0.197	-	-
		Type	PED53924	180.00	181.00	1.00	0.00	<0.005	-	-
		Dyke % Thickness Colour Vein	PED53925	181.00	182.00	1.00	0.00	<0.005	-	-
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED53926	182.00	183.00	1.00	0.00	<0.005	-	-
		QLF: GS1 SCH	PED53927	208.20	209.20	1.00	0.01	0.014	-	-
		Talc Zone; Med-Dark Green/Blue; creamy talcose stringers; S1 fabric @ 60TCA; LCT Fragmental/Sheared @ 40/000 TCA	PED53928	209.20	210.20	1.00	0.01	0.013	-	-
		Alteration : Type/Intensity/Texture	PED53929	210.20	211.20	1.00	0.01	0.013	-	-
		TLC 3 PRV	PED53930	211.20	212.25	1.05	0.01	0.014	-	-
			PED53931	212.25	212.85	0.60	0.01	0.011	-	-
			PED53932	212.85	213.60	0.75	0.09	0.092	-	-



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							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
213.60	219.90	Feature 1	PED53933	213.60	214.35	0.75	3.46	3.460	-	-
		Type	PED53934	214.35	215.35	1.00	2.61	2.610	-	-
		E1H High_titanium_basalt	PED53936	215.35	215.75	0.40	3.58	3.580	-	-
		QLF: MIN VND BRX	PED53937	215.75	216.30	0.55	9.63	9.630	-	-
		Hi Ti; Dark Brown; VFG; ~10% Chaotic Brx and Extentsional 1-10 cm Qtz veins with fragments predominantly ~010/030 TCA including silica flooding and veining sub-// TCA; strong foliation sub-// TCA; mineralization proximal to Qtz-Actinolite veining locally up to 25% Py/Po; LCT defined by increase in veining @ 35/065 TCA	PED53938	216.30	216.70	0.40	6.93	6.930	-	-
			PED53940	216.70	217.40	0.70	10.94	>10.000	10.94	-
			PED53941	217.40	218.15	0.75	2.51	2.510	-	-
		Alteration :	PED53942	218.15	218.75	0.60	4.67	4.670	-	-
		Type/Intensity/Texture	PED53943	218.75	219.25	0.50	15.83	>10.000	15.83	-
		AC 2 VND	PED53944	219.25	219.90	0.65	7.92	7.920	-	-
		BIO 3 PRV								
		Structure:								
	214.35 - 215.75	Alpha: 15								
		Type/GEN/Intensity								
		V2_BX 3								
		Beta: 235								
		CA1: CA2:								
		15 40								
	217.40 - 219.25	Alpha: 10								
		Type/GEN/Intensity								
		V2A 3								
		Beta: 75								
		CA1: CA2:								
		5 30								
		R5 2								
		5 25								
		Mineralization Maj. :								
	214.35 - 215.75	Type/GSZ%/HABIT								
		PY GS1 5 DIS								
	214.35 - 215.75	PO GS1 10 DIS								
	215.75 - 216.30	PY GS1 1 DIS								
	215.75 - 216.30	PO GS1 1 DIS								
	216.30 - 217.40	PY GS1 4 DIS								
		Comment								
		Dism sulphides in interstitial E1H and host rock fragments between concentrated band of discordant Brx V2A veining								
		Dism sulphides in interstitial E1H and host rock fragments between concentrated band of discordant Brx V2A veining								
		Minor dism sulphides in E1H								
		Minor dism sulphides in E1H								
		Increasingly common sulphides assoc w/ increase in V2_Bx veining								



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	216.30 - 217.40	PO	GS1	8	DIS											
	217.40 - 219.90	PO	GS1	3	DIS											
	217.40 - 219.90	PY	GS1	12	DIS											
	Feature 2:															
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>								
		V2A	Quartz_carb_actinolite_vein	<input type="checkbox"/>	10	0										
		QLF: MIN VND BRX														
219.90	221.40	Feature 1							PED53946	219.90	220.45	0.55	5.64	5.640	-	-
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED53947	220.45	221.40	0.95	2.02	2.020	-	-
		V2_BX	Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0										
		QLF: FRG BRX VND														
		Brecciated Qtz-Actinolite Vein; strong fragmental texture with Actinolite-altered fragments of E1H host rock within silicious groundmass; 2-3% Po/Py mineralization predominantly assoc w/ boundaries of fragments; LCT defined by vein contact @ 35/045 TCA														
		Alteration :														
		<i>Type/Intensity/Texture</i>														
		AC 2 LOC														
		SIL 5 VND														
		Structure:														
	219.25 - 221.40	Alpha: 35			Beta: 60											
		<i>Type/GEN/Intensity</i>		<i>CA1:</i>	<i>CA2:</i>											
		V2_BX	4	15	40											



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		Mineralization Maj. : Type/GSZ%/HABIT									
	219.90 - 221.40	PY GS1 1 DIS									
	219.90 - 221.40	PO GS1 2.5 DIS									
		Comment									
		Trace-Minor sulphides within V2_Bx material; strongest mineralization adjacent to vein contacts									
		Trace-Minor sulphides within V2_Bx material; strongest mineralization adjacent to vein contacts									
221.40	223.85	Feature 1	PED53948	221.40	222.10	0.70	2.48	2.480	-	-	
		Type	PED53949	222.10	222.40	0.30	1.23	1.230	-	-	
		E1H High_titanium_basalt	PED53950	222.40	223.00	0.60	1.17	1.170	-	-	
		QLF: VND BRX MIN	PED53951	223.00	223.85	0.85	1.04	1.040	-	-	
		Hi Ti; Dark Brown; VFG; ~10% Chaotic Brx and Extentsional 1-10 cm Qtz veins with fragments predominantly ~010/030 TCA including silica flooding and veining sub-// TCA; strong foliation sub-// TCA; mineralization proximal to Qtz-Actinolite veining locally up to 15% Py/Po; LCT defined by shear zone contact @ 60/275 TCA									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 LOC									
		SIL 2 VND									
		BIO 3 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
	221.40 - 223.85	PY GS1 2 DIS									
	221.40 - 223.85	PO GS1 3 DIS									
		Comment									
		Dism sulphides assoc w/ mm-cm scale qtz veining in E1H									
		Dism sulphides assoc w/ mm-cm scale qtz veining in E1H									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: VND BRX MIN									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
223.85	224.55	Feature 1	PED53952	223.85	224.50	0.65	5.73	5.730	-	-	
		<p style="margin-left: 40px;">Type</p> <p>SHD <i>Shear_zone</i> <input type="checkbox"/> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p>QLF: LAM SHD VND</p> <p>Shear Zone; Possible Iron Formation?; Laminated bedding @ ~60/300 TCA; discordant V2A veining within @ 20/115 TCA; 10-15% Py/Po throughout predominately assoc w/ discordant veining; LCT @ 55/345 TCA adjacent to discordant V2_BX upper contact @ 60/085 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="margin-left: 40px;">AC 2 LOC</p> <p style="margin-left: 40px;">SIL 2 VND</p> <p>Structure:</p> <p>223.85 - 224.55 Alpha: 60 Beta: 275</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">V2A 20</p> <p style="margin-left: 40px;">SHD 3 60</p> <p>Mineralization Maj. : <i>Type/GSZ%/HABIT</i> Comment</p> <p>223.85 - PY GS1 3 DIS Banded Sulphides in laminated Shear zone/Iron Formation</p> <p>224.55</p> <p>223.85 - PY GS1 12 BAN Banded Sulphides in laminated Shear zone/Iron Formation</p> <p>224.55</p>									
224.55	226.50	Feature 1	PED53954	224.50	225.40	0.90	1.92	1.920	-	-	
		<p style="margin-left: 40px;">Type</p> <p>V2_BX <i>Quartz_Vein_with_Fragments</i> <input type="checkbox"/> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p>QLF: FRG BRX</p>	PED53955	225.40	226.00	0.60	2.76	2.760	-	-	
			PED53957	226.00	226.50	0.50	0.72	0.716	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Brecciated Qtz-Actinolite Vein; strong fragmental texture with Actinolite-altered fragments of E1H host rock within silicious groundmass; 7-10% Po/Py mineralization predominantly assoc w/ boundaries of fragments; 2 Flecks VG @ 225.75 m hosted within qtz; LCT defined by vein contact @ 45/000 TCA									
		Visible Gold : <i>SampleID/Grainsize/Style</i> PED53955 1-2mm Fleck									
		Alteration : <i>Type/Intensity/Texture</i> AMP SIL BIO									
		Structure: 224.55 - 226.50 Alpha: 45 Beta: 10 <i>Type/GEN/Intensity</i> CA1: CA2: V2_E 3 40 60									
		Mineralization Maj. : <i>Type/GSZ%/HABIT</i> Comment 224.55 - PY GS1 2 DIS Strong mineralization/replacement of E1H 226.50 frags/adjacent host rock in V2_BX interval 224.55 - PO GS1 5 DIS Strong mineralization/replacement of E1H 226.50 frags/adjacent host rock in V2_BX interval									
226.50	228.20	Feature 1	PED53958	226.50	227.20	0.70	3.43	3.430	-	-	
		<i>Type</i> <i>Dyke</i> <i>%</i> <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED53959	227.20	227.85	0.65	3.52	3.520	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED53960	227.85	228.20	0.35	2.25	2.250	-	-	
		QLF: MIN VND BRK Hi Ti; Dark Brown; VFG; ~10% Chaotic Brx and Extentsional 1-10 cm Qtz veins with fragments predominantly ~030/280 TCA including silica flooding and veining sub-// TCA; mod foliation ~30/210 TCA; mineralization proximal to Qtz-Actinolite veining locally up to 15% Py/Po; LCT defined by shear zone contact @ 60/275 TCA									
		Alteration : <i>Type/Intensity/Texture</i> AC 2 LOC									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		SIL 2 VND BIO 3 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
		226.50 - 228.20 PO GS1 3 DIS									
		226.50 - 228.20 PY GS1 10 DIS									
		Comment									
		Dism sulphides in E1H assoc w/ strong presence of mm-cm scale qtz veining									
		Dism sulphides in E1H assoc w/ strong presence of mm-cm scale qtz veining									
228.20	230.90	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		Dyke <input type="checkbox"/>									
		% 60									
		Thickness 0									
		Colour									
		Vein									
		QLF: BRK ALT VND									
		Intermixed E0B/E1H; Dark Green and Black; strong brx texture and ~40% V2A veining/silica flooding @ 30/045; LCT defined by .2 m R5 replacement zone @ 15/110 TCA									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		AC 2 PRV									
		Structure:									
		229.90 - 230.30 Alpha: 30 Beta: 40									
		Type/GEN/Intensity									
		V2_BX 2									
		CA1: CA2:									
		30									
		Mineralization Maj. : Type/GSZ%/HABIT									
		228.20 - 229.45 PO GS1 1 DIS									
		228.20 - 229.45 PY GS1 2 DIS									
		Comment									
		Banded dism sulphides in Intermixed E0B/E1H proximal to small scale veining									
		Banded dism sulphides in Intermixed E0B/E1H proximal to small scale veining									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	229.45 - 230.90	PY	GS1	0.5	DIS	Rare sulphides in Intermixed E0B/E1H									
	229.45 - 230.90	PO	GS1	0.5	DIS	Rare sulphides in Intermixed E0B/E1H									
Feature 2:															
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>								
		E1H	High_titanium_basalt	□	40		0								
		<i>QLF:</i> BRK ALT VND													
230.90	235.95	Feature 1					PED53967	230.90	231.60	0.70	3.15	3.150	-	-	
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED53968	231.60	232.50	0.90	5.70	5.700	-	-
		E1H	High_titanium_basalt	□	0		0	PED53969	232.50	232.85	0.35	9.55	9.550	-	-
		<i>QLF:</i> MIN VND BRX													
		Hi Ti; Dark Brown; VFG; 5-7% Chaotic Brx and Extentsional 1-10 cm Qtz veins with fragments predominantly ~40/130 TCA including silica flooding and veining sub-// TCA; strong foliation sub-// TCA; mineralization proximal to Qtz-Actinolite veining locally up to 15% Py/Po; LCT defined by shear zone contact @ 60/275 TCA													
		<i>Alteration :</i>	<i>Type/Intensity/Texture</i>												
			AC	1	LOC										
			SIL	2	LOC										
			BIO	2	PRV										
		Structure:													
	230.90 - 232.85	Alpha: 20				Beta: 115									
		<i>Type/GEN/Intensity</i>		<i>CA1:</i>	<i>CA2:</i>										
		R5	3	20	40										



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)			
	235.50 - 235.95	Alpha: 45 Type/GEN/Intensity R5 3	Beta: 285 CA1: CA2: 45 45												
	Mineralization Maj. : Type/GSZ%/HABIT		Comment												
	230.90 - 232.85	PO GS1 5 DIS	Sulphide replacement dissipating downhole away from E0B/E1H Mix and E1H contact; VF-FG Py/Po in E1H adjacent to contact and mm-scale V2A veining												
	230.90 - 232.85	PY GS1 20 DIS	Sulphide replacement dissipating downhole away from E0B/E1H Mix and E1H contact; VF-FG Py/Po in E1H adjacent to contact and mm-scale V2A veining												
	232.85 - 235.50	PO GS2 2 DIS	Mineralization continues to dissipate downhole												
	232.85 - 235.50	PY GS1 4 DIS	Mineralization continues to dissipate downhole												
	235.50 - 235.95	PY GS1 7 DIS	Concentrated Sulphide mineralization directly overlying E1H/E0B contact												
	235.50 - 235.95	PO GS1 8 DIS	Concentrated Sulphide mineralization directly overlying E1H/E0B contact												
235.95	255.00	Feature 1		PED53975	235.95	236.50	0.55	1.45	1.450	-	-				
		Type	Dyke	%	Thickness	Colour	Vein	PED53976	236.50	237.25	0.75	1.95	1.950	-	-
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED53977	237.25	238.20	0.95	0.13	0.130	-	-
		QLF: SHD PLA						PED53978	238.20	239.20	1.00	0.10	0.103	-	-
		Sheared E0B; Lt-Dk green; VFG; shearing @ 30 TCA dissipating downhole; minor silicification // to Fol; LCT gradational into Talc zone						PED53980	239.20	240.20	1.00	0.01	0.011	-	-
								PED53981	240.20	241.20	1.00	0.02	0.022	-	-
		Alteration :						PED53982	241.20	242.20	1.00	0.13	0.131	-	-
		Type/Intensity/Texture						PED53983	242.20	243.20	1.00	0.00	<0.005	-	-
		TLC 2 PRV						PED53984	243.20	244.35	1.15	0.00	<0.005	-	-
		Structure:						PED53985	244.35	244.90	0.55	0.00	<0.005	-	-



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	244.35 - 244.90	Alpha: 25	Beta: 0	PED53987	244.90	245.70	0.80	0.00	<0.005	-	-	
		Type/GEN/Intensity	CA1: CA2:	PED53988	245.70	246.70	1.00	0.00	<0.005	-	-	
		SHD 2	25 30	PED53989	246.70	247.70	1.00	0.00	<0.005	-	-	
		V1 2	25 30	PED53990	247.70	248.70	1.00	0.00	<0.005	-	-	
				PED53991	248.70	249.70	1.00	0.00	<0.005	-	-	
				PED53992	249.70	250.70	1.00	0.00	<0.005	-	-	
				PED53993	250.70	251.80	1.10	0.00	<0.005	-	-	
				PED53994	251.80	252.95	1.15	0.00	<0.005	-	-	
				PED53995	252.95	254.00	1.05	0.00	<0.005	-	-	
				PED53997	254.00	255.00	1.00	0.00	<0.005	-	-	
255.00	298.30	Feature 1		PED53998	261.60	262.50	0.90	0.00	<0.005	-	-	
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0			PED53999	262.50	263.45	0.95	0.00 <0.005 - -
		QLF: ALT SHD						PED54000	263.45	264.20	0.75	0.00 <0.005 - -
		Talc Zone; Med Grey/Green/Blue; VFG; chaotic talcose stringers throughout; locally sheared; LCT @ 60 TCA						PED66001	264.20	265.10	0.90	0.00 <0.005 - -
								PED66002	265.10	266.10	1.00	0.00 <0.005 - -
								PED66003	266.10	267.00	0.90	0.00 <0.005 - -
		Alteration :	Type/Intensity/Texture					PED66004	267.00	268.00	1.00	0.01 0.010 - -
			TLC 3 PRV					PED66005	268.00	269.00	1.00	0.01 0.008 - -
		Structure:						PED66006	269.00	269.85	0.85	0.00 <0.005 - -
	266.10 - 272.35	Alpha: 50	Beta: 0	PED66008	269.85	270.40	0.55	0.00	<0.005	-	-	
		Type/GEN/Intensity	CA1: CA2:	PED66009	270.40	271.35	0.95	0.00	<0.005	-	-	
		SHD 2	45 55	PED66010	271.35	272.35	1.00	0.00	<0.005	-	-	
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment				PED66011	272.35	273.20	0.85	0.00 <0.005 - -
	266.10 - 272.35	PY GS1 1 BLB		3 blebs Py in	PED66012	273.20	273.95	0.75	0.01	0.006	-	-
					PED66013	273.95	274.95	1.00	0.01	0.009	-	-
298.30	301.45	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		I2 Intermediate_intrusive <input type="checkbox"/> 0 0 QLF: Intermediate Dyke; Dark Green; Aphanitic-VFG; mostly massive mafic groundmass with VFG fsp phenos within; non-mineralized; chilled margins; LCT @ 30 TCA Alteration : Type/Intensity/Texture AMP SIL BIO																				
301.45	313.50	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: ALT GS1 Talc Zone; Perioditic Komatiite (PK); Dark Blue/Green Aphanitic-VFG; wk S1 Fabric @ 45 TCA; LCT @ 55 TCA Alteration : Type/Intensity/Texture TLC 3 PRV	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0										
Type	Dyke	%	Thickness	Colour	Vein																	
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																			
313.50	322.25	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: FTB GS1 BRK Talc Zone; Perioditic Komatiite (PK); Flot Top Breccia throughout; Dark Blue/Green Aphanitic-VFG; minor silicification; LCT @ 55 TCA	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0			PED66014 PED66015 PED66017 PED66018	316.20 316.75 317.15 317.90	316.75 317.15 317.90 318.80	0.55 0.40 0.75 0.90	0.00 0.00 0.00 0.00	<0.005 <0.005 <0.005 <0.005	- - - -	- - - -
Type	Dyke	%	Thickness	Colour	Vein																	
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																			



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture TLC 3 PRV									
		Structure: 316.75 - 317.15 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: V1S 2 55 55									
322.25	345.50	Feature 1	PED66019	339.80	340.80	1.00	0.00	<0.005	-	-	
		Type	PED66020	340.80	341.75	0.95	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED66021	341.75	342.60	0.85	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED66023	342.60	343.60	1.00	0.01	0.006	-	-	
		QLF: ALT GS0	PED66024	343.60	344.40	0.80	0.00	<0.005	-	-	
		Talc Zone; Perioditic Komatiite (PK); Dark Blue/Green Aphanitic-VFG; wk S1 Fabric @ 45 TCA; Sheared/Silicified near down hole Ultramafic contact; LCT gradational @ 55 TCA	PED66025	344.40	345.35	0.95	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture TLC 3 PRV									
345.50	351.80	Feature 1	PED66026	345.35	346.35	1.00	0.01	0.009	-	-	
		Type	PED66027	346.35	347.35	1.00	0.01	0.005	-	-	
		Dyke % Thickness Colour Vein	PED66028	347.35	348.00	0.65	0.01	0.006	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0	PED66029	348.00	349.00	1.00	0.00	<0.005	-	-	
		QLF: ALT GS1 FOL	PED66030	349.00	350.00	1.00	0.00	<0.005	-	-	
		Ultramafic??: Could be basalt; Med-Dark Green; Aphanitic-FG; mod black amphibole alteration; irregular fractures lined with amphibole; minor silicious content in groundmass; mod foliation @ 40 TCA; LCT @ 35 TCA	PED66031	350.00	350.80	0.80	0.00	<0.005	-	-	
			PED66032	350.80	351.80	1.00	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 1 PRV AMP 3 PRV									
351.80	352.75	Feature 1	PED66033	351.80	352.75	0.95	0.00	<0.005	-	-	
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: GSO APH</p> <p>Mafic Dyke; Black; aphanitic; massive; no veninig; LCT @ 35 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p>									
		<p>Dyke % Thickness Colour Vein</p> <p>□ 0 0</p>									
352.75	359.30	Feature 1	PED66034	352.75	353.75	1.00	0.00	<0.005	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT GS1 FOL</p> <p>Ultramafic??; Could be basalt; Med-Dark Green; Aphanitic-FG; mod black amphibole alteration; irregular fractures lined with amphibole; minor silicious content in groundmass; mod foliation @ 40 TCA; LCT @ 70 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 1 PRV AMP 2 PRV</p>	PED66035	353.75	354.75	1.00	0.00	<0.005	-	-	
		<p>Dyke % Thickness Colour Vein</p> <p>□ 0 0</p>	PED66036	354.75	355.75	1.00	0.00	<0.005	-	-	
			PED66037	355.75	356.75	1.00	0.01	0.006	-	-	
			PED66038	356.75	357.75	1.00	0.01	0.005	-	-	
			PED66039	357.75	358.60	0.85	0.00	<0.005	-	-	
			PED66040	358.60	359.30	0.70	0.00	<0.005	-	-	



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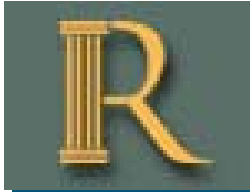
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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
359.30	359.65	Feature 1	PED66042	359.30	359.65	0.35	0.00	<0.005	-	-	
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: GS1 BQE MAS</p> <p>Mafic Dyke; Black; aphanitic; massive; 2-3% Qtz phenos; LCT @ 55 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">AMP</p>									
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="padding-left: 20px;">□ 0 0</p>									
359.65	360.00	Feature 1	PED66043	359.65	360.00	0.35	0.00	<0.005	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT GS1 FOL</p> <p>Ultramafic??; Could be basalt; Med-Dark Green; Aphanitic-FG; mod black amphibole alteration; irregular fractures lined with amphibole; minor silicious content in groundmass; mod foliation @ 40 TCA; EOH @ 360 m</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">SIL 1 LOC</p> <p style="padding-left: 40px;">AMP 2 PRV</p>									
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="padding-left: 20px;">□ 0 0</p>									



DRILL HOLE REPORT

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 83.82	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -48.05	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 350	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 13-Jun-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 17-Jun-17				Surveyed: yes
Logged: 13-Jul-17				Surveyed by: Mark Cottrell

Comment: Big hit of anomalous gold from 156.15-156.45 m immediately downhole from I3/E1H contact; Gold is centered around fragment of I3 in E1H and should NOT be considered to be a continuous structure.

Coordinate - Gemcom	Coordinate - UTM
East: 10222.081	East: 448367.05
North: 50059.605	North: 5663847.97
Elev.: 5066.441	Elev.: 66.44
	Zone: 15N NAD: NAD83

Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	83.82	-48.05	C	<input checked="" type="checkbox"/>	
0.10	83.80	-48.05	Gyro	<input checked="" type="checkbox"/>	
10.10	83.89	-47.99	Gyro	<input checked="" type="checkbox"/>	
15.00	85.29	-47.83	DeviShot	<input type="checkbox"/>	Replaced by gyro
20.10	84.10	-48.35	Gyro	<input checked="" type="checkbox"/>	
30.10	83.99	-48.50	Gyro	<input checked="" type="checkbox"/>	
40.10	83.98	-48.39	Gyro	<input checked="" type="checkbox"/>	
50.10	83.87	-48.37	Gyro	<input checked="" type="checkbox"/>	
51.00	84.87	-48.27	DeviShot	<input type="checkbox"/>	Replaced by gyro
60.10	83.60	-48.36	Gyro	<input checked="" type="checkbox"/>	
70.10	83.85	-48.36	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	84.04	-48.53	Gyro	<input checked="" type="checkbox"/>	
90.10	84.34	-48.50	Gyro	<input checked="" type="checkbox"/>	
100.10	84.28	-48.53	Gyro	<input checked="" type="checkbox"/>	
102.00	86.28	-48.61	DeviShot	<input type="checkbox"/>	Replaced by gyro
110.10	84.25	-48.60	Gyro	<input checked="" type="checkbox"/>	
120.10	84.22	-48.60	Gyro	<input checked="" type="checkbox"/>	
130.10	84.24	-48.83	Gyro	<input checked="" type="checkbox"/>	
140.10	84.42	-48.92	Gyro	<input checked="" type="checkbox"/>	
150.10	84.61	-48.91	Gyro	<input checked="" type="checkbox"/>	
153.00	91.73	-48.75	DeviShot	<input type="checkbox"/>	Suspect; Replaced by gyro
160.10	84.80	-48.80	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-20

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	84.81	-48.58	Gyro	<input checked="" type="checkbox"/>	
180.10	84.94	-48.61	Gyro	<input checked="" type="checkbox"/>	
190.10	84.75	-48.71	Gyro	<input checked="" type="checkbox"/>	
200.10	84.91	-48.76	Gyro	<input checked="" type="checkbox"/>	
204.00	86.68	-48.70	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	85.18	-48.69	Gyro	<input checked="" type="checkbox"/>	
220.10	85.55	-48.73	Gyro	<input checked="" type="checkbox"/>	
230.10	85.72	-48.91	Gyro	<input checked="" type="checkbox"/>	
240.10	85.95	-48.98	Gyro	<input checked="" type="checkbox"/>	
250.10	86.23	-48.87	Gyro	<input checked="" type="checkbox"/>	
255.00	88.02	-48.87	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	86.12	-48.94	Gyro	<input checked="" type="checkbox"/>	
270.10	86.15	-49.01	Gyro	<input checked="" type="checkbox"/>	
280.10	85.98	-49.00	Gyro	<input checked="" type="checkbox"/>	
290.10	85.96	-49.00	Gyro	<input checked="" type="checkbox"/>	
300.10	85.51	-49.01	Gyro	<input checked="" type="checkbox"/>	
306.00	88.10	-49.10	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
310.10	85.27	-49.06	Gyro	<input checked="" type="checkbox"/>	
320.10	85.16	-48.81	Gyro	<input checked="" type="checkbox"/>	
330.10	85.11	-48.73	Gyro	<input checked="" type="checkbox"/>	
340.10	84.96	-48.74	Gyro	<input checked="" type="checkbox"/>	
350.00	88.30	-48.89	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
0.00	1.15	Feature 1								
		Type								
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0		0				
		QLF:								
		Talc Zone; Med-Dark Green; Aphanitic-VFG; Talcose stringers // to S1 Fabric @ sub-// to 50 TCA; poor ground conditions; locally sheared/fresh gouge // to S1; LCT @ 45 TCA								
		Alteration :								
		Type/Intensity/Texture								
		TLC 3 PRV								
1.15	3.10	Feature 1								
		Type								
		I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0		0				
		QLF:								
		GS1								
		Lamp Dyke; Dark Grey/Black; VFG; rich in VFG bio; massive; LCT @ 35 TCA								
		Alteration :								
		Type/Intensity/Texture								
		BIO 3 PRV								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
3.10	73.75	Feature 1	PED66044	20.20	20.90	0.70	0.02	0.017	-	-	
		Type	PED66045	20.90	21.75	0.85	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED66047	21.75	22.75	1.00	0.01	0.006	-	-	
		QLF: FLT SCH ALT	PED66048	22.75	23.40	0.65	0.00	<0.005	-	-	
		Talc Zone; Med-Dark Green; Aphanitic-VFG; Talcose stringers // to S1 Fabric @ sub-// to 50 TCA; poor ground conditions; locally sheared/fresh gouge // to S1; LCT @ 45 TCA	PED66050	23.40	24.40	1.00	0.00	<0.005	-	-	
			PED66051	24.40	25.40	1.00	0.00	<0.005	-	-	
			PED66052	25.40	26.15	0.75	0.00	<0.005	-	-	
		Alteration :	PED66053	26.15	27.05	0.90	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED66054	27.05	28.05	1.00	0.00	<0.005	-	-	
		TLC 3 PRV	PED66055	28.05	29.05	1.00	0.00	<0.005	-	-	
		Structure:	PED66057	29.05	30.00	0.95	0.00	<0.005	-	-	
	20.20 - 37.50	Alpha: 25 Type/GEN/Intensity FLT 3	Beta: 45 CA1: CA2: 10 45	PED66058	30.00	31.00	1.00	0.01	0.006	-	-
	37.50 - 37.80	Alpha: 50 Type/GEN/Intensity V2 2	Beta: 0 CA1: CA2: 50 60	PED66059	31.00	32.00	1.00	0.01	0.011	-	-
	37.80 - 38.80	Alpha: 20 Type/GEN/Intensity FLT 2	Beta: 0 CA1: CA2: 20	PED66060	32.00	33.00	1.00	0.01	0.010	-	-
	37.80 - 38.80	Alpha: 20 Type/GEN/Intensity FLT 2	Beta: 0 CA1: CA2: 20	PED66061	33.00	34.00	1.00	0.00	<0.005	-	-
	37.80 - 38.80	Alpha: 20 Type/GEN/Intensity FLT 2	Beta: 0 CA1: CA2: 20	PED66062	34.00	35.00	1.00	0.01	0.010	-	-
	37.80 - 38.80	Alpha: 20 Type/GEN/Intensity FLT 2	Beta: 0 CA1: CA2: 20	PED66063	35.00	36.00	1.00	0.00	<0.005	-	-
	38.80 - 39.10	Alpha: 60 Type/GEN/Intensity V2 2	Beta: 0 CA1: CA2: 60 65	PED66064	36.00	36.50	0.50	0.00	<0.005	-	-
	38.80 - 39.10	Alpha: 60 Type/GEN/Intensity V2 2	Beta: 0 CA1: CA2: 60 65	PED66065	36.50	37.50	1.00	0.00	<0.005	-	-
	38.80 - 39.10	Alpha: 60 Type/GEN/Intensity V2 2	Beta: 0 CA1: CA2: 60 65	PED66066	37.50	37.80	0.30	0.00	<0.005	-	-
	49.65 - 71.60	Alpha: 35 Type/GEN/Intensity FLT 4	Beta: 0 CA1: CA2: 20 40	PED66068	37.80	38.80	1.00	0.00	<0.005	-	-
	49.65 - 71.60	Alpha: 35 Type/GEN/Intensity FLT 4	Beta: 0 CA1: CA2: 20 40	PED66069	38.80	39.10	0.30	0.00	<0.005	-	-
	49.65 - 71.60	Alpha: 35 Type/GEN/Intensity FLT 4	Beta: 0 CA1: CA2: 20 40	PED66070	39.10	39.40	0.30	0.00	<0.005	-	-
	71.60 - 73.75	Alpha: 60 Type/GEN/Intensity V1 2	Beta: 0 CA1: CA2: 60 60	PED66071	39.40	39.75	0.35	0.00	<0.005	-	-
	71.60 - 73.75	Alpha: 60 Type/GEN/Intensity V1 2	Beta: 0 CA1: CA2: 60 60	PED66072	39.75	40.65	0.90	0.00	<0.005	-	-
	71.60 - 73.75	Alpha: 60 Type/GEN/Intensity V1 2	Beta: 0 CA1: CA2: 60 60	PED66073	40.65	41.55	0.90	0.02	0.016	-	-
	71.60 - 73.75	Alpha: 60 Type/GEN/Intensity SHD 3	Beta: 0 CA1: CA2: 60 60	PED66075	41.55	42.55	1.00	0.00	<0.005	-	-



LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-20

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED66076	49.65	50.60	0.95	0.03	0.027	-	-	
			PED66077	50.60	51.40	0.80	0.00	<0.005	-	-	
			PED66078	51.40	52.55	1.15	0.07	0.073	-	-	
			PED66080	52.55	53.15	0.60	0.04	0.040	-	-	
			PED66081	53.15	54.00	0.85	0.02	0.020	-	-	
			PED66082	54.00	54.80	0.80	0.03	0.026	-	-	
			PED66083	54.80	55.70	0.90	0.02	0.023	-	-	
			PED66084	55.70	56.60	0.90	0.01	0.006	-	-	
			PED66085	56.60	57.55	0.95	0.01	0.007	-	-	
			PED66086	57.55	58.20	0.65	0.01	0.008	-	-	
			PED66088	58.20	58.90	0.70	0.00	<0.005	-	-	
			PED66089	58.90	60.15	1.25	0.00	<0.005	-	-	
			PED66090	60.15	61.00	0.85	0.00	<0.005	-	-	
			PED66091	61.00	61.85	0.85	0.00	<0.005	-	-	
			PED66092	61.85	62.85	1.00	0.00	<0.005	-	-	
			PED66094	62.85	63.60	0.75	0.00	<0.005	-	-	
			PED66095	63.60	64.50	0.90	0.01	0.008	-	-	
			PED66096	64.50	65.40	0.90	0.00	<0.005	-	-	
			PED66097	65.40	66.15	0.75	0.03	0.032	-	-	
			PED66098	66.15	67.00	0.85	0.00	<0.005	-	-	
			PED66099	67.00	68.00	1.00	0.00	<0.005	-	-	
			PED66100	68.00	69.00	1.00	0.00	<0.005	-	-	
			PED66101	69.00	69.70	0.70	0.00	<0.005	-	-	
			PED66102	69.70	70.55	0.85	0.00	<0.005	-	-	
			PED66103	70.55	71.60	1.05	0.00	<0.005	-	-	
			PED66104	71.60	72.50	0.90	0.01	0.006	-	-	
			PED66106	72.50	73.35	0.85	0.00	<0.005	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED66107	73.35	73.75	0.40	0.01	0.007	-	-	
73.75	110.15	Feature 1	PED66108	73.75	74.40	0.65	0.01	0.014	-	-	
		Type	PED66109	74.40	75.00	0.60	0.02	0.022	-	-	
		Dyke % Thickness Colour Vein	PED66110	75.00	76.00	1.00	0.01	0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED66111	93.00	93.75	0.75	0.01	0.009	-	-	
		QLF: SHD GS1 FTB	PED66112	93.75	94.30	0.55	0.00	<0.005	-	-	
		Talc-Altered Ultramafic; Dark green/Blue; Aphanitic - VFG; mod-strong talcose stringers and fractures // to S1 @ 15 to 40 TCA; mod flow top texture throughout; LCT @ 25 TCA	PED66113	94.30	95.15	0.85	0.01	0.006	-	-	
		Alteration : Type/Intensity/Texture	PED66115	95.15	96.00	0.85	0.00	<0.005	-	-	
		TLC 3 PRV	PED66116	96.00	97.15	1.15	0.00	<0.005	-	-	
		Structure:	PED66117	97.15	98.30	1.15	0.00	<0.005	-	-	
		93.75 - 95.15 Alpha: 20 Beta: 0	PED66118	98.30	99.30	1.00	0.00	<0.005	-	-	
		Type/GEN/Intensity CA1: CA2:	PED66119	99.30	99.90	0.60	0.00	<0.005	-	-	
		SHD 3 15 35	PED66120	99.90	100.75	0.85	0.00	<0.005	-	-	
		FLT 3 15 25	PED66122	100.75	101.65	0.90	0.00	<0.005	-	-	
		99.90 - 101.60 Alpha: 20 Beta: 0	PED66123	101.65	102.10	0.45	0.01	0.008	-	-	
		Type/GEN/Intensity CA1: CA2:	PED66124	102.10	102.65	0.55	0.01	0.006	-	-	
		SHD 3 15 25	PED66125	102.65	103.75	1.10	0.00	<0.005	-	-	
		FLT 3 15 25	PED66126	103.75	104.85	1.10	0.00	<0.005	-	-	
			PED66127	104.85	105.25	0.40	0.00	<0.005	-	-	
			PED66128	105.25	106.15	0.90	0.00	<0.005	-	-	
			PED66129	106.15	107.05	0.90	0.00	<0.005	-	-	
			PED66130	107.05	107.90	0.85	0.00	<0.005	-	-	
			PED66131	107.90	109.10	1.20	0.00	<0.005	-	-	
			PED66133	109.10	110.15	1.05	0.00	<0.005	-	-	
110.15	110.65	Feature 1	PED66134	110.15	110.65	0.50	0.01	0.012	-	-	
		Type									
		I1 Mafic_intrusive <input type="checkbox"/> 0 0									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: GS1 FOL</p> <p>Mafic Dyke?; Possible altered UM; Dark Green/Black; VFG; Foliated/Sheared @ 30 TCA; wk carb content; barren; wk-mod silica; LCT // to fol @ 30 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO</p>									
110.65	132.15	<p>Feature 1</p> <p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0T Talc_rich_unit</p> <p>QLF: SHD FLT GS1</p> <p>Talc Zone; Dark Green/Blue; Creamy talcose stringers; Strongly sheared from 110.65 to 117.5 m @ 20 TCA; shearing dissipating downhole; strong S1 fabric throughout @ 30 TCA; LCT @ 50 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SIL 1 LOC</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>110.65 - 117.50 Alpha: 10 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">SHD 3 CA1: 10 CA2: 25</p> <p style="margin-left: 40px;">FLT 3 CA1: 10 CA2: 25</p>									
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 40px;">□ 0 0</p>									
			PED66135	110.65	111.65	1.00	0.00	<0.005	-	-	
			PED66136	111.65	112.65	1.00	0.00	<0.005	-	-	
			PED66137	112.65	113.65	1.00	0.00	<0.005	-	-	
			PED66138	113.65	114.35	0.70	0.00	<0.005	-	-	
			PED66139	114.35	115.35	1.00	0.00	<0.005	-	-	
			PED66140	115.35	116.35	1.00	0.00	<0.005	-	-	
			PED66141	116.35	117.50	1.15	0.00	<0.005	-	-	
			PED66142	117.50	118.00	0.50	0.00	<0.005	-	-	
			PED66144	118.00	119.00	1.00	0.00	<0.005	-	-	
			PED66145	119.00	119.50	0.50	0.01	0.006	-	-	
			PED66146	119.50	120.35	0.85	0.00	<0.005	-	-	
			PED66147	120.35	121.35	1.00	0.00	<0.005	-	-	
			PED66149	121.35	122.35	1.00	0.00	<0.005	-	-	
			PED66150	122.35	123.35	1.00	0.00	<0.005	-	-	
			PED66151	123.35	124.30	0.95	0.00	<0.005	-	-	
			PED66152	124.30	125.35	1.05	0.00	<0.005	-	-	
			PED66153	125.35	126.15	0.80	0.01	0.007	-	-	



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED66154	126.15	127.05	0.90	0.01	0.008	-	-	
			PED66156	127.05	128.00	0.95	0.00	<0.005	-	-	
			PED66157	128.00	129.00	1.00	0.00	<0.005	-	-	
			PED66158	129.00	130.00	1.00	0.00	<0.005	-	-	
			PED66159	130.00	131.15	1.15	0.00	<0.005	-	-	
			PED66160	131.15	132.15	1.00	0.00	<0.005	-	-	
132.15	134.60	Feature 1	PED66161	132.15	132.70	0.55	0.06	0.058	-	-	
		Type	PED66162	132.70	133.50	0.80	0.01	0.005	-	-	
		E0B Komatiitic_basalt	PED66163	133.50	134.10	0.60	0.02	0.018	-	-	
		QLF: CHM ALT SHD	PED66164	134.10	134.60	0.50	0.45	0.445	-	-	
		Basaltic Komatiite; mod Talc alteration grading to E0T; chilled margin downhole towards E1H contact; S1 Fabric @ 55 TCA; LCT @ 30 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									
134.60	137.10	Feature 1	PED66165	134.60	135.50	0.90	0.18	0.180	-	-	
		Type	PED66166	135.50	136.45	0.95	0.16	0.164	-	-	
		E1H High_titanium_basalt	PED66167	136.45	137.10	0.65	0.25	0.248	-	-	
		QLF: MIN GS1									
		Hi Ti; Dark Green/Brown; VF-FG; strong bio alteration throughout; massive-wkly fol @ 40 TCA; 5-7% Po dism throughout; LCT @ 65/005 TCA									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		134.60 PO GS1 5 DIS									
		Comment									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		137.10									
137.10	141.05	Feature 1									
		Type									
		I3 Felsic_intrusive									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
		QLF:									
		Felsic Dyke; med-dark grey; green/pinkish; actinolite alteration of bio throughout; 2% Po dism throughout; LCT @ 50/195 TCA									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		137.10 - PY GS1 1 DIS									
		141.05									
		137.10 - PO GS1 1 DIS									
		141.05									
		Comment									
		Minor dism sulphides in Felsic Dyke									
		Minor dism sulphides in Felsic Dyke									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
141.05	145.80	Feature 1	PED66175	141.05	141.50	0.45	1.04	1.040	-	-
		Type	PED66176	141.50	141.95	0.45	3.47	3.470	-	-
		E1H High_titanium_basalt	PED66177	141.95	142.50	0.55	10.09	>10.000	10.09	-
		QLF:	PED66178	142.50	143.15	0.65	7.82	7.820	-	-
		Hi Ti Basalt; Dark Brown/Grey; Aphanitic-VFG; strong v2a veining and pervasive silica flooding from 141.95-143.15 m leading to 20-30% R5 replacement Po/Py mineralization of adjacent host rock within interval; see point data for structural measurements; LCT defined by 20 cm V2A @ within 40 cm Shear zone	PED66180	143.15	143.85	0.70	1.74	1.740	-	-
			PED66181	143.85	144.45	0.60	0.82	0.815	-	-
			PED66182	144.45	144.80	0.35	0.55	0.553	-	-
			PED66183	144.80	145.35	0.55	1.05	1.050	-	-
			PED66184	145.35	145.80	0.45	1.80	1.800	-	-
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		SIL								
		BIO								
		Structure:								
	141.95 - 143.15	Alpha: 45	Beta: 205							
		Type/GEN/Intensity	CA1: CA2:							
		V2	20 50							
		R5 3	20 50							
	143.15 - 143.85	Alpha: 2	Beta: 235							
		Type/GEN/Intensity	CA1: CA2:							
		V2A 2	1 7							
	145.35 - 145.80	Alpha: 30	Beta: 320							
		Type/GEN/Intensity	CA1: CA2:							
		SHD 2	50							
		V2A 2	30 35							
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment						
	141.05 - 141.50	PY GS1 0.5 DIS		Dism sulphides in Silicified E1H near uphole I3 contact						
	141.05 - 141.50	PO GS1 2 DIS		Dism sulphides in Silicified E1H near uphole I3 contact						



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Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	141.50 - 141.95	PY	GS1	2	DIS	Dism sulphides throughout E1H										
	141.50 - 141.95	PO	GS1	2	DIS	Dism sulphides throughout E1H										
	141.95 - 143.15	PY	GS1	3		Strongly silicified and veined E1H; Mineralization predominantly in E1H host rock adjacent to veining/alteration; see structural point data for measurements										
	141.95 - 143.15	PO	GS1	17	DIS	Strongly silicified and veined E1H; Mineralization predominantly in E1H host rock adjacent to veining/alteration; see structural point data for measurements										
	143.15 - 145.35	PY	GS1	1	DIS	Trace/Minor sulphides in E1H										
	143.15 - 145.35	PO	GS1	1	DIS	Trace/Minor sulphides in E1H										
	145.35 - 145.80	PY	GS1	0.5	DIS	Trace sulphides in 20 cm V2A hosted @ E1H/I3 contact within 40 cm shear zone										
	145.35 - 145.80	PO	GS1	0.5	DIS	Trace sulphides in 20 cm V2A hosted @ E1H/I3 contact within 40 cm shear zone										
145.80	155.70	Feature 1														
		Type		Dyke	%	Thickness	Colour	Vein								
		I3 Felsic_intrusive		<input type="checkbox"/>	0	0			PED66186	145.80	146.80	1.00	0.18	0.181	-	-
		QLF: GS1 FOL VND							PED66187	146.80	147.80	1.00	0.41	0.406	-	-
		Felsic Dyke; light-med grey; minor actinolite/bio throughout; locally resiliicified; foliated @ 35 TCA; 3-5% mm-cm scale V2A and various orientations increasing downhole towards E1H contact; LCT defined by 1.05 m brecciated V2A with strong leucoxene alteration and Po/Py mineralization							PED66188	147.80	148.70	0.90	0.20	0.196	-	-
									PED66189	148.70	149.70	1.00	0.08	0.082	-	-
									PED66190	149.70	150.55	0.85	0.05	0.047	-	-
									PED66191	150.55	151.05	0.50	0.58	0.579	-	-
									PED66192	151.05	151.85	0.80	0.05	0.054	-	-
									PED66193	151.85	152.30	0.45	0.04	0.042	-	-
									PED66195	152.30	153.10	0.80	0.36	0.360	-	-
									PED66196	153.10	154.00	0.90	0.10	0.104	-	-
									PED66197	154.00	154.65	0.65	0.04	0.043	-	-
		Alteration :														
			Type/Intensity/Texture													
			AMP													
			BIO 1 PRV													
			AC 2 PRV													



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Hole Number 305-17-20

Project: PHOENIX

Project Number: 2

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED66198	154.65	155.25	0.60	1.07	1.070	-	-	
			PED66199	155.25	155.70	0.45	4.49	4.490	-	-	
155.70	162.55	Feature 1	PED66200	155.70	156.15	0.45	18.94	>10.000	18.94	-	
		Type	PED66201	156.15	156.45	0.30	177.70	>10.000	177.70	-	
		Dyke % Thickness Colour Vein	PED66203	156.45	156.75	0.30	7.28	7.280	-	-	
		E1H High titanium basalt	PED66204	156.75	157.05	0.30	2.61	2.610	-	-	
		QLF: MIN VND BRK	PED66205	157.05	157.80	0.75	11.76	>10.000	11.76	-	
		VG; Hi Ti Basalt; Dark Brown/Grey; Aphanitic-VFG; 20+ flecks of VG proximal to 15 cm fragment of I3 from 156.15-156.3 m ~45 cm downhole from I3/E1H contact; strong v2a veining and pervasive silica flooding from 156.15-160.45 m leading to 15-20% R5 replacement Po/Py mineralization of adjacent host rock within interval; see point data for structural measurements; strong pervasive carb alteration throughout; LCTsharp @ 30/345 TCA.	PED66206	157.80	158.30	0.50	12.82	>10.000	12.82	-	
		Visible Gold : SampleID/Grainsize/Style	PED66207	158.30	158.65	0.35	14.36	>10.000	14.36	-	
		PED66201	PED66208	158.65	159.05	0.40	9.63	9.630	-	-	
		Alteration : Type/Intensity/Texture	PED66209	159.05	159.90	0.85	10.73	>10.000	10.73	-	
		CB 3 PRV	PED66211	159.90	160.45	0.55	3.18	3.180	-	-	
		BIO 3 PRV	PED66212	160.45	161.00	0.55	0.48	0.480	-	-	
		Structure:	PED66213	161.00	161.60	0.60	0.06	0.062	-	-	
		156.15 - 156.45 Alpha: 50 Beta: 0	PED66214	161.60	162.00	0.40	1.61	1.610	-	-	
		Type/GEN/Intensity CA1: CA2:	PED66215	162.00	162.55	0.55	0.03	0.029	-	-	
		R5 SHD 3 50									
		156.45 - 160.45 Alpha: Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		V2A 3 15 30									
		R5 3 15 50									
		161.60 - 162.00 Alpha: 20 Beta: 295									
		Type/GEN/Intensity CA1: CA2:									
		V2A 2 20 20									
		Mineralization Maj. : Type/GSZ%/HABIT Comment									



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Hole Number **305-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)			
	156.45	15 cm fragment of I3 hosted within E1H; sheared contacts tangential to Fragment; Gold mineralization absolutely assoc w/ presence of I3 fragment; becoming R5 replacement downhole from fragment contact																
	156.45 - 160.45	PY	GS1	5	DIS	Strong V2A veining and pervasive silica flooding leading to 15-20% R5 replacement Po/Py mineralization of adjacent host rock within interval; see point data for structural measurements												
	156.45 - 160.45	PO	GS1	15	BLB	Strong V2A veining and pervasive silica flooding leading to 15-20% R5 replacement Po/Py mineralization of adjacent host rock within interval; see point data for structural measurements												
	161.60 - 162.00	PO	GS1	7	BLB	3 cm V2A with chilled actionolite altered contacts; 7% Po blebs in adjacent host rock												
162.55	193.90	Feature 1					PED66216	162.55	163.00	0.45	0.01	0.011	-	-				
		Type		Dyke	%	Thickness	Colour	Vein		PED66217	163.00	164.00	1.00	0.03	0.030	-	-	
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0				PED66218	164.00	165.00	1.00	0.00	<0.005	-	-	
		QLF: GS1 ALT SCH									PED66219	165.00	166.00	1.00	0.00	<0.005	-	-
		Talc Zone; Dark Green/Blue; Creamy talcose stringers; strong S1 fabric throughout @ 40 TCA; 2% wkly silicified stringers predominantly // to S1; LCT @ 50 TCA									PED66221	166.00	167.00	1.00	0.00	<0.005	-	-
		Visible Gold :	SampleID/Grainsize/Style								PED66222	167.00	168.00	1.00	0.00	<0.005	-	-
			PED66255	2-5mm	Fleck					PED66223	168.00	169.00	1.00	0.02	0.019	-	-	
		Alteration :	Type/Intensity/Texture								PED66224	169.00	169.95	0.95	0.04	0.037	-	-
			TLC	2	PRV					PED66225	169.95	170.25	0.30	0.02	0.020	-	-	
										PED66226	170.25	171.25	1.00	0.01	0.005	-	-	
										PED66227	171.25	172.00	0.75	0.00	<0.005	-	-	
										PED66229	172.00	173.00	1.00	0.01	0.008	-	-	
										PED66230	173.00	174.00	1.00	0.00	<0.005	-	-	



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED66231	174.00	175.00	1.00	0.00	<0.005	-	-	-
			PED66232	175.00	175.65	0.65	0.01	0.011	-	-	-
			PED66233	175.65	176.60	0.95	0.00	<0.005	-	-	-
			PED66234	176.60	177.40	0.80	0.00	<0.005	-	-	-
			PED66235	177.40	178.30	0.90	0.02	0.023	-	-	-
			PED66236	178.30	179.00	0.70	0.00	<0.005	-	-	-
			PED66237	179.00	180.00	1.00	0.00	<0.005	-	-	-
			PED66238	180.00	181.00	1.00	0.00	<0.005	-	-	-
			PED66239	181.00	182.00	1.00	0.02	0.021	-	-	-
			PED66240	182.00	183.00	1.00	0.00	<0.005	-	-	-
			PED66241	183.00	183.70	0.70	0.01	0.008	-	-	-
			PED66242	183.70	184.40	0.70	0.01	0.010	-	-	-
			PED66244	184.40	185.20	0.80	0.00	<0.005	-	-	-
			PED66245	185.20	186.20	1.00	0.07	0.070	-	-	-
			PED66247	186.20	187.15	0.95	0.00	<0.005	-	-	-
			PED66248	187.15	187.90	0.75	0.00	<0.005	-	-	-
			PED66249	187.90	188.20	0.30	0.00	<0.005	-	-	-
			PED66250	188.20	189.25	1.05	0.00	<0.005	-	-	-
			PED66251	189.25	190.25	1.00	0.00	<0.005	-	-	-
			PED66252	190.25	191.20	0.95	0.00	<0.005	-	-	-
			PED66253	191.20	192.00	0.80	0.07	0.071	-	-	-
			PED66254	192.00	192.95	0.95	0.07	0.068	-	-	-
			PED66255	192.95	193.90	0.95	10.89	>10.000	10.89	-	-



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Geochemical Data				
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
193.90	197.55	Feature 1	PED66256	193.90	194.80	0.90	0.04	0.035	-	-	
		Type	PED66257	194.80	195.30	0.50	0.06	0.056	-	-	
		E1H High_titanium_basalt	PED66258	195.30	195.60	0.30	0.64	0.644	-	-	
		QLF: GSO MIN	PED66260	195.60	196.15	0.55	0.09	0.092	-	-	
		Hi Ti Basalt; Dark Brown/Green; Aphanitic-VFG; wkly foliated @ 45 TCA; 3-4% dism Po throughout; 1% mm-scale Qtz carb stringers and multiple orientations; 4 cm smokey qtz vein from 195.3-195.6 m @ 20 TCA; LCT @ 35 TCA	PED66261	196.15	196.75	0.60	0.14	0.143	-	-	
			PED66262	196.75	197.55	0.80	0.74	0.738	-	-	
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									
		195.30 - 195.60									
		Alpha: 20									
		Beta: 0									
		Type/GEN/Intensity									
		V2 3									
		CA1: 18									
		CA2: 22									
197.55	208.20	Feature 1	PED66263	197.55	198.15	0.60	0.12	0.118	-	-	
		Type	PED66264	198.15	199.00	0.85	0.02	0.024	-	-	
		I3 Felsic_intrusive	PED66266	199.00	200.00	1.00	0.03	0.031	-	-	
		QLF: FRA FOL GS1	PED66267	200.00	201.00	1.00	0.02	0.016	-	-	
		Felsic Dyke; light-med grey; moderate - strong actinolite/bio throughout; locally resilicified; foliated @ 35 TCA with chlorite-lined slips; 1-2% mm-cm scale V2A at various orientations; LCT @ 35 TCA	PED66268	201.00	202.00	1.00	0.02	0.016	-	-	
			PED66269	202.00	203.00	1.00	0.01	0.012	-	-	
			PED66270	203.00	204.00	1.00	0.12	0.123	-	-	
		Alteration :	PED66271	204.00	204.90	0.90	0.18	0.183	-	-	
		Type/Intensity/Texture	PED66272	204.90	205.30	0.40	0.12	0.118	-	-	
		CHL 1 LOC	PED66274	205.30	206.10	0.80	0.17	0.166	-	-	
		AC 2 PRV									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED66275	206.10	207.00	0.90	0.00	<0.005	-	-	
			PED66276	207.00	207.40	0.40	0.47	0.470	-	-	
			PED66277	207.40	208.20	0.80	0.39	0.388	-	-	
208.20	211.55	Feature 1	PED66278	208.20	209.00	0.80	1.94	1.940	-	-	
		Type	PED66279	209.00	210.00	1.00	1.01	1.010	-	-	
		Dyke % Thickness Colour Vein	PED66280	210.00	210.80	0.80	0.06	0.059	-	-	
		I1 Mafic_intrusive <input type="checkbox"/> 0 0	PED66281	210.80	211.55	0.75	0.04	0.040	-	-	
		QLF: GS1 FOL									
		Mafic Dyke; Dark Green; Aphanitic-VFG; foliated & fractured @ 50 TCA; barren; LCT @ 45 TCA									
211.55	212.00	Feature 1	PED66282	211.55	212.20	0.65	0.45	0.451	-	-	
		Type									
		Dyke % Thickness Colour Vein									
		I3 Felsic_intrusive <input type="checkbox"/> 0 0									
		QLF: GS1									
		Felsic Dyke; Med Grey and Green; Aphanitic to VFG; bio altered to Actinolite; fractured // to uphole contact @ 45 TCA; LCT discordant from UCT @ 50 TCA									
		Alteration : Type/Intensity/Texture									
		AC 2 LOC									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
212.00	243.70	Feature 1	PED66284	212.20	213.00	0.80	0.04	0.036	-	-	
		Type	PED66285	213.00	213.95	0.95	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED66286	213.95	215.00	1.05	0.00	<0.005	-	-	
		QLF: GS1 FOL VND	PED66287	215.00	216.00	1.00	0.00	<0.005	-	-	
		Talc Zone; Med-Dark Green; aphanitic; 2-3% erratic creamy qtz stringers; Foliated @ 50 TCA; LCT @ 45/295 TCA	PED66288	216.00	217.00	1.00	0.00	<0.005	-	-	
			PED66289	217.00	218.00	1.00	0.00	<0.005	-	-	
		Alteration :	PED66290	218.00	219.00	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED66291	219.00	219.65	0.65	0.00	<0.005	-	-	
		TLC 2 PRV	PED66292	219.65	220.35	0.70	0.00	<0.005	-	-	
			PED66294	220.35	221.30	0.95	0.00	<0.005	-	-	
			PED66295	221.30	222.30	1.00	0.00	<0.005	-	-	
			PED66296	222.30	223.25	0.95	0.00	<0.005	-	-	
			PED66297	223.25	224.30	1.05	0.00	<0.005	-	-	
			PED66298	224.30	225.30	1.00	0.00	<0.005	-	-	
			PED66300	225.30	226.30	1.00	0.00	<0.005	-	-	
			PED66301	226.30	227.00	0.70	0.00	<0.005	-	-	
			PED66302	227.00	228.00	1.00	0.00	<0.005	-	-	
			PED66303	228.00	229.00	1.00	0.00	<0.005	-	-	
			PED66304	229.00	230.00	1.00	0.00	<0.005	-	-	
			PED66305	230.00	230.50	0.50	0.00	<0.005	-	-	
			PED66306	230.50	231.50	1.00	0.00	<0.005	-	-	
			PED66307	231.50	232.20	0.70	0.00	<0.005	-	-	
			PED66308	232.20	233.20	1.00	0.00	<0.005	-	-	
			PED66310	233.20	234.10	0.90	0.00	<0.005	-	-	
			PED66311	234.10	235.00	0.90	0.00	<0.005	-	-	
			PED66312	235.00	236.00	1.00	0.00	<0.005	-	-	
			PED66313	236.00	237.00	1.00	0.00	<0.005	-	-	



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED66314	237.00	237.50	0.50	0.00	<0.005	-	-	
			PED66315	237.50	238.20	0.70	0.00	<0.005	-	-	
			PED66316	238.20	238.75	0.55	0.00	<0.005	-	-	
			PED66317	238.75	239.60	0.85	0.00	<0.005	-	-	
			PED66318	239.60	240.50	0.90	0.00	<0.005	-	-	
			PED66319	240.50	241.55	1.05	0.00	<0.005	-	-	
			PED66320	241.55	242.40	0.85	0.00	<0.005	-	-	
			PED66321	242.40	243.00	0.60	0.01	0.006	-	-	
			PED66323	243.00	243.70	0.70	0.10	0.097	-	-	
243.70	262.75	Feature 1	PED66324	243.70	244.10	0.40	1.22	1.220	-	-	
		Type	PED66326	244.10	244.50	0.40	3.53	3.530	-	-	
		Dyke	PED66327	244.50	245.10	0.60	0.68	0.680	-	-	
		%	PED66329	245.10	246.00	0.90	0.18	0.183	-	-	
		Thickness	PED66330	246.00	246.85	0.85	0.11	0.105	-	-	
		Colour	PED66331	246.85	247.40	0.55	0.04	0.036	-	-	
		Vein	PED66332	247.40	248.00	0.60	0.00	<0.005	-	-	
		E1H High_titanium_basalt	PED66333	248.00	248.60	0.60	0.28	0.279	-	-	
		QLF: GS1 DEF MIN	PED66335	248.60	249.55	0.95	0.06	0.064	-	-	
		Hi Ti; Dark Brown/Green; Aphanitic-VFG; FG-MG bio alteration from 249.55-251.15 m and 254.55-259.3 m assoc w/ Brecciated Qtz veining; Carb breccia overlying I3 contact LCT @ 30 TCA	PED66336	249.55	250.20	0.65	0.96	0.963	-	-	
		Alteration :	PED66337	250.20	251.15	0.95	2.15	2.150	-	-	
		Type/Intensity/Texture	PED66338	251.15	252.15	1.00	0.06	0.056	-	-	
		AMP	PED66339	252.15	253.00	0.85	0.39	0.388	-	-	
		SIL	PED66340	253.00	253.95	0.95	0.33	0.334	-	-	
		BIO	PED66341	253.95	254.55	0.60	0.34	0.341	-	-	
		Structure:	PED66342	254.55	255.15	0.60	1.08	1.080	-	-	
		243.70 - 244.10 Alpha: 45 Beta: 295	PED66343	255.15	256.15	1.00	5.14	5.140	-	-	
		Type/GEN/Intensity	PED66345	256.15	257.00	0.85	2.09	2.090	-	-	
		V2 CA1: CA2:									
		SHD 2 45 55									



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	244.10 - 244.50	Alpha: 40 Type/GEN/Intensity FLT 2 R5 3	Beta: 325 CA1: CA2: 40 40 40	PED66346	257.00	258.00	1.00	0.57	0.573	-	-
				PED66347	258.00	258.55	0.55	0.88	0.876	-	-
				PED66348	258.55	259.30	0.75	1.81	1.810	-	-
				PED66349	259.30	259.95	0.65	1.70	1.700	-	-
	244.50 - 245.10	Alpha: 25 Type/GEN/Intensity SHD 2	Beta: 345 CA1: CA2: 25 25	PED66350	259.95	260.35	0.40	0.73	0.732	-	-
				PED66351	260.35	260.75	0.40	0.12	0.124	-	-
				PED66352	260.75	261.30	0.55	2.18	2.180	-	-
	254.55 - 256.15	Alpha: Type/GEN/Intensity SHD V2_BX 3	Beta: 0 CA1: CA2: 20 15 45	PED66353	261.30	262.00	0.70	1.02	1.020	-	-
				PED66354	262.00	262.75	0.75	1.13	1.130	-	-
	259.95 - 260.35	Alpha: 55 Type/GEN/Intensity SHD 3	Beta: 0 CA1: CA2: 50 60								
	260.35 - 262.75	Alpha: 20 Type/GEN/Intensity FLT3 2	Beta: 0 CA1: CA2: 2 30								
		Mineralization Maj. : Type/GSZ%/HABIT	Comment								
	244.10 - 244.50	PO GS1 25 BAN	Banded/Laminated in Po in E1H; Possible Iron Formation?; Massive bands of Mineralization								
	249.55 - 254.55	PY GS1 0.5 DIS	Dism sulphides in bio-altered E1H; mineralization adjacent to background to V2A veinlets								
	249.55 - 254.55	PO GS1 2 DIS	Dism sulphides in bio-altered E1H; mineralization adjacent to background to V2A veinlets								
	254.55 - 259.30	PY GS1 2 DIS	Dism sulphides in MG bio altered E1H; mineralization in host rock adjacent to chaotic background veining								
	254.55 - 259.30	PO GS1 3 DIS	Dism sulphides in MG bio altered E1H; mineralization in host rock adjacent to chaotic background veining								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	259.30 - 259.95	GR	GS1	2		Intermixed Po/Py with Garnets in silicified E1H									
	259.30 - 259.95	PY	GS1	3	DIS	Intermixed Po/Py with Garnets in silicified E1H									
	259.30 - 259.95	PO	GS1	6	DIS	Intermixed Po/Py with Garnets in silicified E1H									
	259.95 - 261.30	PY	GS1	1	DIS	Dism Sulphides adjacent to Brx V2A veining									
	259.95 - 261.30	PO	GS1	5	DIS	Dism Sulphides adjacent to Brx V2A veining									
	261.30 - 262.75	PO	GS1	0		Dism Sulphides adjacent to Brx V2A veining									
262.75	264.15	Feature 1					PED66356	262.75	263.55	0.80	0.01	0.014	-	-	
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED66357	263.55	264.35	0.80	0.09	0.087	-	-
		I1	Mafic_intrusive		0	0									
		QLF: MAS PHE													
		Mafic Dye; Black/Dark Grey; Aphanitic-FG; minor 1-3 mm angular fsp phenos; Massive; LCT @ 20 TCA													
264.15	268.30	Feature 1					PED66358	264.35	264.80	0.45	1.47	1.470	-	-	
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED66359	264.80	265.35	0.55	0.27	0.269	-	-
		E1H	High_titanium_basalt		0	0		PED66360	265.35	265.80	0.45	1.09	1.090	-	-
		QLF: BRX DEFS													
		Hi Ti; Dark Brown/Med-Dark Green; Strong chaotic brx texture throughout with carbonate and actinolite-rich brx groundmass locally imbricated @ 40 TCA; 35 cm R5 zone denotes LCT @ 50 TCA													
		Alteration :	Type/Intensity/Texture												
			AC	2	VND										



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CB 3 VND									
		Structure:									
	264.15 - 267.95	Alpha: 40 Type/GEN/Intensity FLT3 2									
		Beta: 0 CA1: CA2: 10 60									
	267.95 - 268.30	Alpha: 50 Type/GEN/Intensity FLT3 R5 3									
		Beta: 0 CA1: CA2: 50 50									
		Mineralization Maj. : Type/GSZ%/HABIT									
	264.15 - 267.95	PY GS1 0.5									
	264.15 - 267.95	PO GS1 1.5 DIS									
	267.95 - 268.30	PO GS1 30 BAN									
		Comment									
		Trace dism sulphides in strongly brecciated E1H									
		Trace dism sulphides in strongly brecciated E1H									
		Banded R5 at downhole contact of Actinolite-altered Brx zone									
268.30	271.95	Feature 1									
		Type									
		E1H High_titanium_basalt									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
		QLF:									
		Hi Ti; Dark Brown/Green; Aphanitic-VFG; 3-4% erratic V2 veinlets; 3% Po dism adjacent to mm-scale									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	270.10 - 270.40	Alpha: 45 Type/GEN/Intensity V2S 2									
		Beta: 0 CA1: CA2: 45 45									
		Mineralization Maj. : Type/GSZ%/HABIT									
	268.30 - 270.10	PY GS1 0.5 DIS									
	268.30 - 270.10	PO GS1 1 DIS									
	270.10 - 270.40	PY GS1 2 DIS									
	270.10 - 270.40	PO GS1 4 DIS									
	270.40 - 271.05	PO GS1 2 DIS									
	270.40 - 271.05	GR GS2 2 DIS									
	271.05 - 271.95	GR GS2 5 DIS									
		Comment									
		Dism Sulphides adjacent to Brx V2A veining									
		Dism Sulphides adjacent to Brx V2A veining									
		3 cm V2S with veining in adjacent host rock									
		3 cm V2S with veining in adjacent host rock									
		Minor dism sulphides assoc w/ background veining; MG garnets dism throughout E1H									
		Minor dism sulphides assoc w/ background veining; MG garnets dism throughout E1H									
		MG garnets increasing intensity downhole towards E1H/E0T contact									
271.95	275.00	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		QLF: SHD GS1 FOL									
		Intermixed E0B/E1H; light-med green; med-dark brown; strongly sheared @ 50 TCA; moderately silicified; trace sulphides; LCT @ 10 TCA									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 BAN									
		BIO 2 BAN									
		TLC 2 BAN									
		Structure:									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	271.95 - 275.00	Alpha: 45 Beta: 0 Type/GEN/Intensity SHD 3 CA1: CA2: 30 55									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	50	0						
		QLF: SHD GS1 FOL									
		Alteration : Type/Intensity/Texture									
		CHL 2 BAN									
275.00	299.30	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0						
		QLF: GS1 SCH FOL									
		Talc Unit; Sheared Upper contact; shearing/veining dissipating downhole; strong S1 fabric @ 45 TCA									
		Alteration : Type/Intensity/Texture									
		TLC 3 PRV									
		Structure:									
	275.00 - 277.65	Alpha: 40 Beta: 0 Type/GEN/Intensity V2A 2 SHD 3 CA1: CA2: 45 45									
			PED66378	275.00	275.55	0.55	0.30	0.295	-	-	
			PED66379	275.55	276.20	0.65	0.51	0.510	-	-	
			PED66380	276.20	276.80	0.60	0.10	0.098	-	-	
			PED66381	276.80	277.35	0.55	0.00	<0.005	-	-	
			PED66383	277.35	277.65	0.30	0.00	<0.005	-	-	
			PED66384	277.65	278.40	0.75	0.03	0.027	-	-	
			PED66385	278.40	279.20	0.80	0.00	<0.005	-	-	
			PED66386	279.20	280.00	0.80	0.00	<0.005	-	-	
			PED66387	280.00	281.00	1.00	0.01	0.005	-	-	
			PED66388	281.00	281.80	0.80	0.01	0.006	-	-	
			PED66390	281.80	282.50	0.70	0.00	<0.005	-	-	
			PED66391	282.50	283.15	0.65	0.01	0.006	-	-	
			PED66392	283.15	284.00	0.85	0.00	<0.005	-	-	
			PED66393	284.00	285.00	1.00	0.00	<0.005	-	-	
			PED66394	285.00	285.65	0.65	0.00	<0.005	-	-	
			PED66395	285.65	286.40	0.75	0.00	<0.005	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>				<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	277.65 - 299.30	Alpha: 20	Beta: 0			PED66396	286.40	287.00	0.60	0.00	<0.005	-	-		
		Type/GEN/Intensity	CA1:	CA2:		PED66398	287.00	287.55	0.55	0.00	<0.005	-	-		
		FOL 2	5	40		PED66399	287.55	288.50	0.95	0.00	<0.005	-	-		
		SHD 2	5	45		PED66400	288.50	289.60	1.10	0.00	<0.005	-	-		
						PED66401	289.60	290.65	1.05	0.00	<0.005	-	-		
						PED66402	290.65	291.65	1.00	0.00	<0.005	-	-		
						PED66403	291.65	292.35	0.70	0.00	<0.005	-	-		
						PED66404	292.35	293.40	1.05	0.00	<0.005	-	-		
						PED66406	293.40	294.40	1.00	0.00	<0.005	-	-		
						PED66407	294.40	295.40	1.00	0.00	<0.005	-	-		
						PED66408	295.40	296.35	0.95	0.00	<0.005	-	-		
						PED66409	296.35	297.35	1.00	0.01	0.006	-	-		
						PED66410	297.35	298.25	0.90	0.00	<0.005	-	-		
						PED66411	298.25	299.30	1.05	0.01	0.007	-	-		
299.30	302.40	Feature 1				PED66412	299.30	300.35	1.05	0.02	0.021	-	-		
		Type	Dyke	%	Thickness	Colour	Vein								
		I1	Mafic_intrusive	<input type="checkbox"/>	0	0		PED66413	300.35	301.35	1.00	0.01	0.009	-	-
		QLF: GS1 FOL				PED66414	301.35	302.40	1.05	0.02	0.022	-	-		
		Mafic Dyke; Dark Green; VFG; mod bio alt; fractures // to fol @ 45 TCA													
		Alteration :	Type/Intensity/Texture												
			BIO 2 PRV												



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
302.40	350.00	Feature 1	PED66415	302.40	303.00	0.60	0.04	0.037	-	-	
		Type	PED66416	303.00	303.75	0.75	0.01	0.011	-	-	
		E0T Talc_rich_unit	PED66417	303.75	304.50	0.75	0.03	0.026	-	-	
		QLF: GS1 SCH SHD	PED66419	304.50	305.75	1.25	0.01	0.009	-	-	
		Talc Zone; Dark Green/Blue; creamy talcose and locally silicified stringers; locally faulted // to S1 @ 40 TCA; E0H @ 350 m	PED66420	305.75	306.60	0.85	0.01	0.008	-	-	
		Alteration :	PED66421	306.60	307.45	0.85	0.01	0.009	-	-	
		Type/Intensity/Texture	PED66422	307.45	308.50	1.05	0.01	0.011	-	-	
		TLC 3 PRV	PED66423	308.50	309.15	0.65	0.01	0.006	-	-	
			PED66424	309.15	310.10	0.95	0.01	0.010	-	-	
			PED66426	310.10	310.70	0.60	0.01	0.010	-	-	
			PED66427	310.70	311.60	0.90	0.00	<0.005	-	-	
			PED66428	311.60	312.30	0.70	0.00	<0.005	-	-	
			PED66429	312.30	312.95	0.65	0.01	0.008	-	-	
			PED66430	312.95	313.95	1.00	0.01	0.006	-	-	
			PED66432	313.95	315.00	1.05	0.01	0.010	-	-	
			PED66433	315.00	315.75	0.75	0.00	<0.005	-	-	
			PED66434	315.75	316.15	0.40	0.00	<0.005	-	-	
			PED66435	316.15	317.40	1.25	0.01	0.008	-	-	
			PED66436	317.40	318.30	0.90	0.00	<0.005	-	-	
			PED66437	318.30	319.40	1.10	0.00	<0.005	-	-	
			PED66438	319.40	320.40	1.00	0.00	<0.005	-	-	
			PED66439	320.40	321.25	0.85	0.03	0.027	-	-	
			PED66440	321.25	322.00	0.75	0.01	0.006	-	-	
			PED66441	322.00	323.00	1.00	0.00	<0.005	-	-	
			PED66442	323.00	324.00	1.00	0.01	0.012	-	-	
			PED66444	324.00	325.00	1.00	0.01	0.008	-	-	
			PED66445	325.00	326.00	1.00	0.01	0.009	-	-	



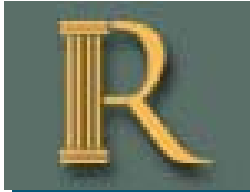
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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED66446	326.00	327.00	1.00	0.00	<0.005	-	-	
			PED66447	327.00	328.05	1.05	0.00	<0.005	-	-	
			PED66448	328.05	328.90	0.85	0.01	0.005	-	-	
			PED66449	328.90	329.70	0.80	0.00	<0.005	-	-	
			PED66450	329.70	330.10	0.40	0.00	<0.005	-	-	
			PED66451	330.10	331.00	0.90	0.00	<0.005	-	-	
			PED66452	331.00	332.00	1.00	0.00	<0.005	-	-	
			PED66453	332.00	333.00	1.00	0.00	<0.005	-	-	
			PED66454	333.00	334.00	1.00	0.01	0.012	-	-	
			PED66455	334.00	334.80	0.80	0.00	<0.005	-	-	
			PED66456	334.80	336.00	1.20	0.01	0.007	-	-	
			PED66457	336.00	337.00	1.00	0.00	<0.005	-	-	
			PED66459	337.00	338.00	1.00	0.00	<0.005	-	-	
			PED66460	338.00	339.00	1.00	0.01	0.007	-	-	
			PED66461	339.00	340.00	1.00	0.01	0.011	-	-	
			PED66462	340.00	341.00	1.00	0.00	<0.005	-	-	
			PED66463	341.00	342.00	1.00	0.01	0.007	-	-	
			PED66464	342.00	343.00	1.00	0.01	0.005	-	-	
			PED66466	343.00	344.00	1.00	0.01	0.006	-	-	
			PED66467	344.00	345.00	1.00	0.00	<0.005	-	-	
			PED66468	345.00	346.00	1.00	0.00	<0.005	-	-	
			PED66469	346.00	347.00	1.00	0.00	<0.005	-	-	
			PED66470	347.00	348.00	1.00	0.00	<0.005	-	-	
			PED66472	348.00	349.00	1.00	0.00	<0.005	-	-	
			PED66473	349.00	350.00	1.00	0.00	<0.005	-	-	



DRILL HOLE REPORT

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 129.94	Length: 0	Dimension: NQ	Township: Bateman	Logged by: C. St. Louis
Dip: -23.3	Pulled:	Storage: Core Farm	Claim No.: KRL18375, K	Relog by:
Length: 475	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 17-Jun-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 24-Jun-17				Surveyed: yes
Logged: 25-Jul-17				Surveyed by: Mark Cottrell
Comment: Line4				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10221.635	East: 448366.07
			North: 50058.672	North: 5663847.61
			Elev.: 5067.173	Elev.: 67.17
			Zone: 15N	NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	129.94	-23.30	C	<input checked="" type="checkbox"/>	
15.00	132.07	-22.29	DeviSh ot	<input type="checkbox"/>	Suspect?
51.00	130.50	-21.98	DeviSh ot	<input checked="" type="checkbox"/>	
102.00	130.84	-22.44	DeviSh ot	<input checked="" type="checkbox"/>	
153.00	131.13	-22.88	DeviSh ot	<input checked="" type="checkbox"/>	
204.00	130.78	-23.14	DeviSh ot	<input checked="" type="checkbox"/>	
255.00	130.13	-23.13	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
300.00	130.29	-23.36	DeviSh ot	<input checked="" type="checkbox"/>	
351.00	128.50	-23.70	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	128.40	-23.20	DeviSh ot	<input checked="" type="checkbox"/>	
475.00	128.78	-23.36	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> <i>(ppm)</i>	<i>FAG</i> <i>Au</i> <i>(ppm)</i>	<i>MS</i> <i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppb)</i>
0.00	5.26	Feature 1								
		<p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> % 0 <i>Thickness</i> 0 <i>Colour</i> <i>Vein</i></p> <p>QLF: dark green soft; talcose zone; blocky ground breaking up along fabric at 25dtca; 1-2% calcite threads;</p> <p>Alteration : <i>Type/Intensity/Texture</i> TLC 2 PRV</p> <p>Structure: 2.00 - 2.01 Alpha: Beta: 0 <i>Type/GEN/Intensity</i> CA1: CA2: FOL 25</p>								
5.26	6.05	Feature 1								
		<p style="text-align: center;">Type</p> <p>I0E <i>Lamprophyre</i> <input type="checkbox"/> % 0 <i>Thickness</i> 0 <i>Colour</i> <i>Vein</i></p> <p>QLF: dark green; chloritic w calcite threads; lower contact fabric parallel at 30 dtca</p> <p>Alteration : <i>Type/Intensity/Texture</i> CHL 2 PRV</p>								
6.05	7.30	Feature 1								
		<p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> % 0 <i>Thickness</i> 0 <i>Colour</i> <i>Vein</i></p>								



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		<p>QLF: same; blocky; ground lower contact;</p> <p>Alteration : Type/Intensity/Texture SIL TLC 3 PRV AMP</p> <p>Structure: 6.05 - 6.06 Alpha: Beta: 0 Type/GEN/Intensity CA1: CA2: CS</p>										
7.30	11.51	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I0E Lamprophyre	□	0	0							
		<p>QLF: fg; dark green; wk magnetic; seams/vlts of coarser greenish black amphs (up to 2mm) and calcite w adj bleaching; ground lower contact</p> <p>Alteration : Type/Intensity/Texture CBC 1 VND AMP 1 VND</p>										
11.51	16.30	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					



LITHOLOGY REPORT

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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		<p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: talcose um w narrow bands (<.30cm) of chloritic IOE as above with ground contacts</p> <p>Alteration : <i>Type/Intensity/Texture</i> TLC 2 PRV</p>									
16.30	17.80	<p>Feature 1</p> <p style="text-align: center;"><i>Type</i> <i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p>IOE <i>Lamprophyre</i> <input type="checkbox"/> 0 0</p> <p>QLF: fg green; more massive than above; 40deg lower contact</p> <p>Alteration : <i>Type/Intensity/Texture</i> CHL 1 PRV</p> <p>Structure: 16.30 - 16.31 Alpha: Beta: 0 <i>Type/GEN/Intensity</i> CA1: CA2: CS</p>									
17.80	45.00	<p>Feature 1</p> <p style="text-align: center;"><i>Type</i> <i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: talcose but much weaker fabric at 25dtca; 1-2% fabric planar carb str; mod magnetic; fg to mg</p>									



LITHOLOGY REPORT

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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									
		Structure:									
	17.80 - 17.81	Alpha:									
		Type/GEN/Intensity	Beta: 0								
		CS	CA1: CA2:								
			40								
	43.00 - 43.01	Alpha:									
		Type/GEN/Intensity	Beta: 0								
		FOL	CA1: CA2:								
			35								
45.00	60.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0						
		QLF: SPN									
		coarser w magnetite graines; mod to strongly magnetic; patches of spinifex at 59m									
		Alteration :									
		Type/Intensity/Texture									
		AC 1 PRV									
		TLC 2 PRV									
		Structure:									
	53.00 - 53.01	Alpha:									
		Type/GEN/Intensity	Beta: 0								
		FOL	CA1: CA2:								
			35								
60.00	70.80	Feature 1									



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: SHD BOU</p> <p>um w increased serpentine altrn; up to 5% sheared/boudinaged strsvlts along fabric; mod to strong fabric/shrz</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">SRP 2 FF</p> <p style="padding-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>60.00 - 61.00 Alpha: Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">SHD 2 15 15</p> <p>61.00 - 69.00 Alpha: Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">SHD 2 42 55</p> <p>69.00 - 70.80 Alpha: Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">SHD 3 25 10</p>									
70.80	76.20	Feature 1	PED65501	75.60	76.20	0.60	0.00	<0.005	-	-	
		<p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF:</p> <p>stiff soft; slightly more massive; mod magnetic</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">TLC 2 PRV</p>									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
76.20	78.45	Feature 1	PED65502	76.20	76.70	0.50	0.00	<0.005	-	-	
		Type	PED65503	76.70	77.26	0.56	0.01	0.011	-	-	
		E1A Basalt	PED65504	77.26	77.75	0.49	0.01	0.007	-	-	
		QLF:	PED65505	77.75	78.45	0.70	0.01	0.006	-	-	
		much greener with chlr/act/<bio altrn; harder although still a bit soft; non-magnetic; wk fabric at 40dtca; poss fine aspy dissem									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 PRV									
		CHL 2 PRV									
		BIO 1 SPT									
		Structure:									
		76.50 - 76.51	Alpha:	Beta: 0							
		Type/GEN/Intensity	CA1:	CA2:							
		FOL	40								
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		77.75 - 78.45	AS GS1 0.51 DIS								
				Comment							
				silvery dissem/threads; possible aspy??							
78.45	94.00	Feature 1	PED65506	78.45	79.05	0.60	0.19	0.187	-	-	
		Type									
		E0T Talc_rich_unit									
		QLF:									
		talcose but with more cumulate txt; grains up to 2mm in size; 1-2% planar carb str at 30-35dtca; wk to mod magnetic									
		Alteration :									
		Type/Intensity/Texture									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		TLC 2 PRV									
		Structure: 85.00 - 85.01 Alpha: Beta: 0 Type/GEN/Intensity CA1: CA2: FOL 30									
94.00	103.95	Feature 1	PED65507	103.31	103.95	0.64	0.03	0.026	-	-	
		Type Dyke % Thickness Colour Vein E0T Talc_rich_unit <input type="checkbox"/> 97 0									
		QLF: finer grained; becoming more foliated; boudinaged carb vlt									
		Alteration : Type/Intensity/Texture TLC 2 PRV									
		Structure: 98.50 - 102.70 Alpha: Beta: 0 Type/GEN/Intensity CA1: CA2: SHD 2 47 17									
		Feature 2:									
		Type Dyke % Thickness Colour Vein V1 Carbonate_vein <input type="checkbox"/> 3 0.02 P									
		QLF:									



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
103.95	119.06	Feature 1	PED65509	103.95	105.00	1.05	0.32	0.315	-	-
		Type	PED65510	105.00	106.00	1.00	0.44	0.443	-	-
		I3 Felsic_intrusive	PED65511	106.00	107.00	1.00	1.05	1.050	-	-
		QLF: FRA ALT	PED65512	107.00	107.78	0.78	0.91	0.906	-	-
		med brown to light grey where bleached/altrd; 2-5% smokey qtz 1mm-10mm grey qtz vlts at 40-60deg	PED65513	107.78	108.75	0.97	1.79	1.790	-	-
		xcutting and cut by 1-2mm white qtz/<carb strs at 30-55deg; no preferential orientation; tr po adj some of the grey str	PED65514	108.75	109.16	0.41	1.19	1.190	-	-
			PED65515	109.16	109.73	0.57	1.56	1.560	-	-
		Alteration :	PED65516	109.73	110.30	0.57	1.52	1.520	-	-
		Type/Intensity/Texture	PED65518	110.30	111.00	0.70	0.80	0.804	-	-
		SIL 1 LOC	PED65519	111.00	111.54	0.54	4.88	4.880	-	-
		BLE 2 LOC	PED65520	111.54	112.30	0.76	1.31	1.310	-	-
		BIO 1 SPT	PED65521	112.30	112.70	0.40	1.11	1.110	-	-
		Structure:	PED65522	112.70	113.00	0.30	1.03	1.030	-	-
		103.95 - 103.96 Alpha: Beta: 0	PED65523	113.00	113.60	0.60	1.85	1.850	-	-
		Type/GEN/Intensity	PED65524	113.60	114.00	0.40	1.00	0.997	-	-
		CS CA1: CA2:	PED65525	114.00	114.45	0.45	1.87	1.870	-	-
		56	PED65526	114.45	115.27	0.82	0.73	0.733	-	-
		Mineralization Maj. :	PED65528	115.27	116.33	1.06	2.21	2.210	-	-
		Type/GSZ%/HABIT	PED65529	116.33	117.10	0.77	0.58	0.580	-	-
		103.95 - 119.06 PO GS1 0.5 DIS	PED65530	117.10	117.70	0.60	1.05	1.050	-	-
		Comment	PED65531	117.70	118.50	0.80	0.55	0.554	-	-
		genreally in proximity of the grey str/vlts ; fine dissem <.5mm	PED65532	118.50	119.06	0.56	0.35	0.353	-	-
		Feature 2:	PED65533	119.06	120.00	0.94	0.28	0.283	-	-
		Type	PED65535	120.00	120.60	0.60	0.00	<0.005	-	-
		V2 Quartz_vein	PED65536	120.60	121.26	0.66	0.00	<0.005	-	-
		QLF: FRA ALT	PED65537	121.26	121.88	0.62	0.60	0.601	-	-
119.06	121.60	Feature 1								
		Type								
		E0T Talc_rich_unit								
		QLF:								
		green; chloritic/feltd act; patchy calcite; <1% med grey s'd patches; 1% q/c threads at 65 dtca								



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Alteration :	Type/Intensity/Texture									
			CHL 2 PRV									
			TLC 1 LOC									
			AC 2 PRV									
		Structure:										
119.06 - 119.07		Alpha:	Beta:		0							
		Type/GEN/Intensity	CA1:	CA2:								
		CS	40									
121.26 - 121.27		Alpha:	Beta:		0							
		Type/GEN/Intensity	CA1:	CA2:								
		CS	35									
121.60	124.52	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I3 Felsic_intrusive	☐	0	0							
		QLF:										
		med grey to brownish grey; s'd looking; wk bio; <1% smokey grey qtz vlts (<10mm) at 25dtca xcut by hairline q/c threads/fractures; tr fine po; poss rare speck of aspy										
		Alteration :	Type/Intensity/Texture									
			BIO 2 SPT									
			SIL 2 PRV									
		Mineralization Maj. :	Type/GSZ%/HABIT									
121.60 - 124.52			AS GS1 0.2 DIS									
		Comment										



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	121.60 - 124.52	PO GS1 0.5 DIS									
124.52	134.75	Feature 1	PED65543	124.52	125.27	0.75	0.01	0.007	-	-	
		Type	PED65544	125.27	126.00	0.73	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED65545	126.00	126.90	0.90	0.00	<0.005	-	-	
		QLF:	PED65546	126.90	127.80	0.90	0.00	<0.005	-	-	
		more talcose; wk fabric at 55dtca; patchy calcite	PED65547	127.80	128.80	1.00	0.00	<0.005	-	-	
		Alteration :	PED65548	128.80	129.80	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED65549	129.80	130.80	1.00	0.00	<0.005	-	-	
		CHL 2 PRV	PED65551	130.80	131.70	0.90	0.00	<0.005	-	-	
		TLC 2 PRV	PED65552	131.70	132.47	0.77	0.01	0.011	-	-	
		Structure:	PED65553	132.47	133.37	0.90	0.01	0.006	-	-	
	124.52 - 124.53	Alpha: Beta: 0	PED65554	133.37	134.30	0.93	0.06	0.061	-	-	
		Type/GEN/Intensity	PED65555	134.30	134.75	0.45	0.16	0.162	-	-	
		CS CA1: CA2: 47									
134.75	149.87	Feature 1	PED65556	134.75	135.17	0.42	0.16	0.160	-	-	
		Type	PED65558	135.17	135.64	0.47	0.08	0.082	-	-	
		I3 Felsic_intrusive	PED65559	135.64	136.14	0.50	0.03	0.029	-	-	
		QLF:	PED65561	136.14	136.74	0.60	0.15	0.150	-	-	
		lt grey to med brownish grey where biotitic; fg; s'd; minor po as blebs/threads adj to some of the smokey vlts at 25-35dtca and joints w poss conjugate set at 35-40dtca; often chlorite coated w py smears; bleaching adj to some of the qtz vlts also w coarse patches of bio;	PED65562	136.74	137.37	0.63	0.27	0.265	-	-	
		Alteration :	PED65563	137.37	138.00	0.63	0.45	0.448	-	-	
		Type/Intensity/Texture	PED65564	138.00	138.70	0.70	0.51	0.505	-	-	
		SIL	PED65565	138.70	139.75	1.05	0.44	0.441	-	-	
			PED65566	139.75	140.54	0.79	0.61	0.614	-	-	



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO	PED65567	140.54	141.40	0.86	0.85	0.853	-	-	
		AMP	PED65569	141.40	142.24	0.84	1.11	1.110	-	-	
		Structure:	PED65570	142.24	142.93	0.69	0.63	0.631	-	-	
	134.75 - 137.76	Alpha: 0 Type/GEN/Intensity CS	PED65571	142.93	143.77	0.84	0.51	0.514	-	-	
		Beta: 0 CA1: CA2:	PED65572	143.77	144.40	0.63	0.28	0.279	-	-	
		35	PED65573	144.40	145.00	0.60	1.19	1.190	-	-	
	134.76 - 136.14	Alpha: 0 Type/GEN/Intensity V2 2	PED65574	145.00	145.70	0.70	0.49	0.492	-	-	
		Beta: 0 CA1: CA2:	PED65575	145.70	146.35	0.65	0.78	0.775	-	-	
		25 35	PED65576	146.35	147.00	0.65	0.44	0.438	-	-	
	141.20 - 141.21	Alpha: 0 Type/GEN/Intensity V2	PED65578	147.00	147.52	0.52	0.33	0.328	-	-	
		Beta: 0 CA1: CA2:	PED65579	147.52	148.05	0.53	0.71	0.705	-	-	
		33	PED65580	148.05	148.70	0.65	0.54	0.536	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT	PED65581	148.70	149.30	0.60	0.39	0.389	-	-	
	134.76 -	PO GS1 3.5 BLB	PED65582	149.30	149.90	0.60	0.36	0.356	-	-	
149.87	154.17	Feature 1	PED65583	149.90	150.92	1.02	0.13	0.132	-	-	
		Type	PED65585	150.92	151.70	0.78	0.32	0.317	-	-	
		Dyke % Thickness Colour Vein	PED65586	151.70	152.73	1.03	0.27	0.274	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0	PED65587	152.73	153.40	0.67	0.07	0.071	-	-	
		QLF:	PED65588	153.40	154.17	0.77	0.16	0.159	-	-	
		med green; felty blades of chl/act w patches of wk talc; tr bio; minor calcite within 30cm of lower contact; 1-2% wispy carb strrs/threads; no									
		Alteration :									
		Type/Intensity/Texture									
		TLC 1 PCH									
		CHL 2 PRV									
		AC 1 PRV									
		Structure:									
	149.87 - 149.88	Alpha: 55 Type/GEN/Intensity									
		Beta: 0 CA1: CA2:									
		35									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
154.17	163.80	Feature 1	PED65589	154.17	154.83	0.66	4.57	4.570	-	-	
		Type	PED65590	154.83	155.80	0.97	0.75	0.752	-	-	
		Dyke % Thickness Colour Vein	PED65591	155.80	156.65	0.85	0.47	0.474	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED65592	156.65	157.15	0.50	0.94	0.944	-	-	
		QLF:	PED65593	157.15	157.55	0.40	8.05	8.050	-	-	
		same felsic unit; ; finer; more pervasive brown bio altrn 50cm at upper contact	PED65595	157.55	158.20	0.65	0.34	0.341	-	-	
		Alteration :	PED65596	158.20	158.80	0.60	0.43	0.432	-	-	
		Type/Intensity/Texture	PED65597	158.80	159.66	0.86	0.41	0.410	-	-	
		SIL 3 PRV	PED65598	159.66	160.40	0.74	0.41	0.408	-	-	
		BIO 2 SPT	PED65599	160.40	161.05	0.65	0.89	0.891	-	-	
		Structure:	PED65600	161.05	161.65	0.60	0.90	0.900	-	-	
		154.17 - 154.18 Alpha: 49 Beta: 0	PED65601	161.65	162.35	0.70	0.73	0.733	-	-	
		Type/GEN/Intensity CA1: CA2:	PED65602	162.35	163.10	0.75	0.32	0.323	-	-	
		CS	PED65603	163.10	163.80	0.70	0.12	0.115	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT Comment	PED65605	163.80	164.84	1.04	0.30	0.300	-	-	
163.80	169.40	Feature 1	PED65606	164.84	165.46	0.62	0.08	0.084	-	-	
		Type	PED65607	165.46	166.25	0.79	0.06	0.060	-	-	
		Dyke % Thickness Colour Vein	PED65608	166.25	167.00	0.75	0.28	0.281	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0	PED65609	167.00	167.73	0.73	0.99	0.994	-	-	
		QLF:	PED65610	167.73	168.30	0.57	0.54	0.541	-	-	
		med green w 1-2% wispy carb threads str; sections look like high T1 (166.25-167.73m); wk non pervasive fabric at 55dtca; irreg po blebs up to 5mm in finer more massive basaltic lkg sections; coarser 1mm py grains at lower contact	PED65612	168.30	168.85	0.55	0.24	0.240	-	-	
		Alteration :	PED65613	168.85	169.40	0.55	1.05	1.050	-	-	
		Type/Intensity/Texture									
		CBC									
		CHL 2 PRV									



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		AMP									
		Structure:									
	164.30 - 164.31	Alpha: 56 Type/GEN/Intensity FOL 2									
		Beta: 0 CA1: 55 CA2: 56									
		Mineralization Maj. : Type/GSZ%/HABIT									
	166.25 - 167.73	PO GS1 3 BLB									
		irreg blebs/threads of dissem po									
	167.73 - 168.85	PO GS1 1 BLB									
		increased fabric but less po									
	168.85 - 169.40	PO GS1 1 DIS									
		1-2mm irreg to sub hedral dissem py grains w some po shadows;									
	168.85 - 169.40	PY GS1 5 CRX									
		1-2mm irreg to sub hedral dissem py grains w some po shadows;									
169.40	184.06	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		Dyke % Thickness Colour Vein									
		□ 0 0									
		QLF:									
		slightly coarser; wispy and some boudinaged vlts; variable fabric 25-50 deg; avg about 40dtca;									
		Alteration : Type/Intensity/Texture									
		CB 1 VND									
		TLC 1 LOC									
		SRP 1 FF									
		Structure:									
	169.40 - 169.84	Alpha: Type/GEN/Intensity SHD 2									
		Beta: 0 CA1: 15 CA2: 15									
			PED65614	169.40	169.84	0.44	0.05	0.047	-	-	
			PED65615	169.84	170.70	0.86	0.00	<0.005	-	-	
			PED65616	170.70	171.30	0.60	0.01	0.005	-	-	
			PED65617	171.30	172.09	0.79	0.01	0.008	-	-	
			PED65618	172.09	173.00	0.91	0.00	<0.005	-	-	
			PED65619	173.00	174.00	1.00	0.00	<0.005	-	-	
			PED65620	174.00	175.00	1.00	0.00	<0.005	-	-	
			PED65621	175.00	176.00	1.00	0.00	<0.005	-	-	
			PED65622	176.00	177.00	1.00	0.00	<0.005	-	-	
			PED65623	177.00	178.00	1.00	0.08	0.083	-	-	
			PED65624	178.00	179.00	1.00	0.05	0.050	-	-	
			PED65626	179.00	180.00	1.00	0.01	0.010	-	-	
			PED65627	180.00	181.00	1.00	0.03	0.027	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)			
	174.25 - 174.26	Alpha: 35 Type/GEN/Intensity FOL	Beta: 0 CA1: CA2:	PED65628	181.00	182.00	1.00	0.01	0.008	-	-				
				PED65629	182.00	183.00	1.00	0.00	<0.005	-	-				
				PED65630	183.00	184.06	1.06	4.42	4.420	-	-				
	178.60 - 178.61	Alpha: 40 Type/GEN/Intensity FOL 1	Beta: 0 CA1: CA2:												
	183.20 - 183.21	Alpha: 37 Type/GEN/Intensity FOL	Beta: 0 CA1: CA2: 25 37												
184.06	200.20	Feature 1		PED65631	184.06	185.00	0.94	1.64	1.640	-	-				
		Type	Dyke	%	Thickness	Colour	Vein	PED65632	185.00	186.00	1.00	33.11	>10.000	33.11	-
		I3 Felsic_intrusive	<input type="checkbox"/>	95	0			PED65633	186.00	186.63	0.63	1.27	1.270	-	-
		QLF:						PED65634	186.63	187.50	0.87	0.33	0.326	-	-
		typical felsic dyke; locally nearly white with qtz flooding; spotted 1-2mm bio; wk po min (<1%); tr py coating along chloritic seams; up to 5% qtz str/vlts some (2-3%) smokey grey up to 10mm wide w cubic to subhedral py						PED65636	187.50	188.05	0.55	1.23	1.230	-	-
								PED65637	188.05	188.70	0.65	0.48	0.482	-	-
								PED65638	188.70	189.53	0.83	0.99	0.986	-	-
		Alteration :	Type/Intensity/Texture					PED65639	189.53	190.20	0.67	0.61	0.605	-	-
			BIO 2 SPT					PED65641	190.20	190.97	0.77	0.52	0.523	-	-
			SIL 2 LOC					PED65642	190.97	191.66	0.69	0.93	0.931	-	-
		Structure:						PED65643	191.66	192.46	0.80	0.50	0.496	-	-
	184.06 - 184.07	Alpha: 53 Type/GEN/Intensity CS	Beta: 0 CA1: CA2:	PED65644	192.46	193.14	0.68	0.35	0.352	-	-				
				PED65645	193.14	194.17	1.03	0.49	0.493	-	-				
				PED65646	194.17	195.10	0.93	0.73	0.731	-	-				
				PED65648	195.10	195.83	0.73	0.46	0.460	-	-				
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment				PED65649	195.83	196.57	0.74	0.31	0.310	-	-
	184.06 - 189.53	PY GS1 0.3 CTG		py minz assoc in proximity of increased veining	PED65650	196.57	197.10	0.53	1.93	1.930	-	-			



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	184.06 - 189.53	PO	GS1	1	DIS	py minz assoc in proximity of increased veining	PED65651	197.10	198.00	0.90	0.27	0.270	-	-	
	189.53 - 200.20	PY	GS1	0.5	CRX	crystalline to subhedral py grains adj to qtz strsvlts; po dissem throughout	PED65652	198.00	198.90	0.90	0.53	0.533	-	-	
							PED65653	198.90	199.74	0.84	0.79	0.793	-	-	
							PED65654	199.74	200.20	0.46	0.32	0.321	-	-	
200.20	207.00	Feature 1					PED65655	200.20	201.00	0.80	2.02	2.020	-	-	
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	PED65656	201.00	202.00	1.00	0.22	0.224	-	-
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED65658	202.00	203.00	1.00	0.01	0.006	-	-
		QLF:					PED65659	203.00	204.00	1.00	0.05	0.046	-	-	
		talcose BK unit; wk to mod fabric at 45-50 dtca; 1% wispy planar carb strsvlts;					PED65660	204.00	205.00	1.00	0.01	0.010	-	-	
		Alteration :					PED65661	205.00	206.00	1.00	0.06	0.055	-	-	
		Type/Intensity/Texture					PED65662	206.00	207.00	1.00	0.00	<0.005	-	-	
		TLC 2 PRV													
		Structure:													
	200.20 - 200.21	Alpha: 39	Beta: 0												
		Type/GEN/Intensity	CA1:		CA2:										
		CS													
	205.60 - 206.00	Alpha:	Beta: 0												
		Type/GEN/Intensity	CA1:		CA2:										
		SHD 2	42		37										
	206.10 - 206.11	Alpha: 50	Beta: 0												
		Type/GEN/Intensity	CA1:		CA2:										
		FOL													
		Mineralization Maj. :					Comment								
	205.60 - 206.00	PO	GS1	1	DIS	in proximity to qtz vlts in shrz									



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
207.00	213.75	Feature 1	PED65663	207.00	207.70	0.70	0.35	0.349	-	-
		Type	PED65664	207.70	208.50	0.80	0.55	0.550	-	-
		I3 Felsic_intrusive	PED65665	208.50	209.50	1.00	0.38	0.377	-	-
		QLF:	PED65666	209.50	210.16	0.66	0.56	0.562	-	-
		med brown w bio altrn and darker green w some chloritic altrn; fine po disse; tr cubic to subhedral py	PED65668	210.16	210.75	0.59	0.84	0.836	-	-
		Alteration :	PED65669	210.75	211.40	0.65	0.69	0.686	-	-
		Type/Intensity/Texture	PED65670	211.40	212.10	0.70	0.75	0.745	-	-
		SIL 2 PRV	PED65671	212.10	213.00	0.90	0.93	0.932	-	-
		BIO 2 PRV	PED65672	213.00	213.75	0.75	2.08	2.080	-	-
		AMP								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		207.00 - PY GS1 0.5 CRX								
		213.75								
		207.00 - PO GS1 2 DIS								
		213.75								
		Comment								
		py near qtz vlts								
		py near qtz vlts								
213.75	218.40	Feature 1	PED65673	213.75	214.25	0.50	0.02	0.019	-	-
		Type	PED65674	214.25	215.00	0.75	0.04	0.040	-	-
		E0B Komatiitic_basalt	PED65676	215.00	215.64	0.64	0.01	0.008	-	-
		QLF:	PED65677	215.64	216.00	0.36	0.00	<0.005	-	-
		med green; fg; 1-3% wispy carb strs +/-wk calcite; localized talc/chl slips at 65 dtca offsetting some of the str/vlts; mod soft w talc altrn	PED65678	216.00	217.00	1.00	0.01	0.009	-	-
		Alteration :	PED65679	217.00	218.00	1.00	0.03	0.026	-	-
		Type/Intensity/Texture	PED65680	218.00	218.40	0.40	0.10	0.098	-	-
		CHL 2 PRV								
		TLC 1 PRV								
		CB 1 VND								
		Structure:								



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	215.75 - 215.90	Alpha: Type/GEN/Intensity V2_BX 1									
		Beta: 0 CA1: CA2: 35 36									
218.40	229.80	Feature 1	PED65681	218.40	219.00	0.60	0.27	0.270	-	-	
		Type I3 Felsic_intrusive	PED65682	219.00	220.00	1.00	0.36	0.360	-	-	
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein	PED65684	220.00	220.36	0.36	0.32	0.322	-	-	
		QLF:	PED65685	220.36	221.30	0.94	0.28	0.282	-	-	
		same felsic unit;; It to med brown w whiter more siliceous patches; 1% grey qtz vlt (<10mm) at <15dtca offset by hairline chloritic slips; later white 2-5mm qtz strs at 20-40 dtca w offsets along qtz threads at 35 dtca; fine po dissem throughout	PED65686	221.30	222.00	0.70	0.42	0.417	-	-	
			PED65687	222.00	222.57	0.57	0.47	0.467	-	-	
			PED65688	222.57	223.28	0.71	0.18	0.182	-	-	
		Alteration :	PED65689	223.28	224.08	0.80	0.48	0.480	-	-	
		Type/Intensity/Texture SIL 2 PRV BIO 2 PRV CHL 1 LOC	PED65690	224.08	225.00	0.92	0.32	0.322	-	-	
		Structure:	PED65691	225.00	225.53	0.53	0.43	0.428	-	-	
	220.20 - 220.21	Alpha: 13 Type/GEN/Intensity V2	PED65692	225.53	226.38	0.85	0.00	<0.005	-	-	
		Beta: 0 CA1: CA2: 10 15	PED65694	226.38	227.05	0.67	0.31	0.310	-	-	
	223.40 - 223.41	Alpha: 30 Type/GEN/Intensity V2	PED65695	227.05	228.00	0.95	0.00	<0.005	-	-	
		Beta: 0 CA1: CA2: 20 40	PED65696	228.00	228.56	0.56	0.52	0.520	-	-	
	227.40 - 227.41	Alpha: 23 Type/GEN/Intensity V2	PED65697	228.56	229.48	0.92	0.78	0.776	-	-	
		Beta: 0 CA1: CA2: 20 40	PED65698	229.48	229.80	0.32	12.89	>10.000	12.89	-	
		Mineralization Maj. :									
	218.40 -	Type/GSZ%/HABIT PO GS1 2 DIS									
		Comment									
		fine dissem throughout									



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		229.80									
229.80	233.10	Feature 1	PED65699	229.80	230.00	0.20	15.73	>10.000	15.73	-	-
		Type	PED65701	230.00	230.57	0.57	4.79	4.790	-	-	-
		Dyke % Thickness Colour Vein	PED65702	230.57	231.35	0.78	1.49	1.490	-	-	-
		E1H High_titanium_basalt <input type="checkbox"/> 85 0	PED65703	231.35	231.95	0.60	15.87	>10.000	15.87	-	-
		QLF:	PED65705	231.95	232.56	0.61	17.20	>10.000	17.20	-	-
		mixed unit of high Ti (85%)bounded by BK unit (15%); High Ti dark green s'd w mod to heavy po min as irreg blebs up to 3mm w minor finer dissem adh ti carb threads; weakly magnetic; hairline flt along core 231-231.6m; wk patches of fuchsite altrn in s'd patches	PED65706	232.56	233.10	0.54	0.04	0.042	-	-	-
		Alteration :									
		Type/Intensity/Texture									
		FUC 1 LOC									
		SIL 3 PRV									
		Structure:									
		229.81 - 229.82 Alpha: 40 Beta: 0									
		Type/GEN/Intensity									
		CS CA1: CA2:									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		230.57 - 231.35 PO GS1 2 DIS									
		231.35 - 232.56 PY GS1 0.5 BLB									
		231.35 - 232.56 PO GS1 2 DIS									
		231.35 - 232.56 PO GS2 10 BLB									
		Comment									
		weaker; finer po min									
		fine dissem to coarse blebs of po; brassy blebs of py adj chlr thread									
		fine dissem to coarse blebs of po; brassy blebs of py adj chlr thread									
		fine dissem to coarse blebs of po; brassy blebs of py adj chlr thread									
		Feature 2:									
		Type									
		E0B Komatiitic_basalt <input type="checkbox"/> 15 1.27									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
QLF:											
233.10	243.16	Feature 1	PED65707	233.10	233.47	0.37	0.83	0.825	-	-	
		Type	PED65708	233.47	234.28	0.81	0.49	0.494	-	-	
		Dyke % Thickness Colour Vein	PED65709	234.28	235.32	1.04	0.44	0.444	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED65711	235.32	235.85	0.53	0.67	0.669	-	-	
		QLF:	PED65712	235.85	236.47	0.62	0.44	0.441	-	-	
		coarser texture (when dry); more sericite altrn; localized random chloritic seams/flts; wk po min as fine dissem in more biotitic zones; 1% grey qtz str/vlts gen <25 dtca; ; minor jointing developing	PED65713	236.47	237.18	0.71	6.16	6.160	-	-	
		Alteration :	PED65714	237.18	238.05	0.87	1.12	1.120	-	-	
		Type/Intensity/Texture	PED65715	238.05	238.80	0.75	1.01	1.010	-	-	
		SIL 2 PRV	PED65716	238.80	239.67	0.87	0.95	0.950	-	-	
		SER 2 LOC	PED65717	239.67	240.18	0.51	0.96	0.963	-	-	
		BIO 2 LOC	PED65718	240.18	241.00	0.82	0.59	0.594	-	-	
		Structure:	PED65720	241.00	242.00	1.00	0.41	0.409	-	-	
		233.10 - 233.11 Alpha: 15 Beta: 0	PED65721	242.00	242.67	0.67	0.42	0.418	-	-	
		Type/GEN/Intensity CA1: CA2:	PED65723	242.67	243.16	0.49	0.13	0.133	-	-	
		CS									
		235.50 - 235.51 Alpha: 8 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		FLT1									
		240.00 - 240.01 Alpha: 30 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		JNT									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		233.10 - PY GS1 0.3 DIS									
		243.16									
		Comment									
		minz more in biotitic zones; py near grey strsvlts									



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- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
	233.10 - 243.16	PO	GS1	1.5	DIS	minz more in biotitic zones; py near grey strsvlts										
243.16	262.90	Feature 1					PED65724	243.16	244.00	0.84	0.00	<0.005	-	-		
		Type	Dyke	%	Thickness	Colour	Vein									
		E0B	Komatiitic_basalt	<input type="checkbox"/>	97	0		PED65725	244.00	245.00	1.00	0.01	0.007	-	-	
		QLF:					PED65726	245.00	246.00	1.00	0.02	0.017	-	-		
		green to blue grey BK w pervasive to more localized talc altrn; mod fabric at 17 deg to 244.5m parallel felsic dyke contact;; wk local fabric defined by carb strsvlts at 45-55dca; 1-3% irreg to planar carb strsvlts/threads; weakly magnetic; 20cm calcite altrn at lower contact					PED65727	246.00	247.00	1.00	0.03	0.026	-	-		
		Alteration :					PED65728	247.00	248.00	1.00	0.00	<0.005	-	-		
			Type/Intensity/Texture					PED65729	248.00	249.00	1.00	0.00	<0.005	-	-	
			TLC	1	PRV			PED65730	249.00	250.00	1.00	0.00	<0.005	-	-	
		Structure:					PED65732	250.00	251.00	1.00	0.00	<0.005	-	-		
		243.16 - 243.17	Alpha: 17	Beta: 0				PED65733	251.00	252.00	1.00	0.00	<0.005	-	-	
			Type/GEN/Intensity	CA1:	CA2:			PED65734	252.00	253.00	1.00	0.00	<0.005	-	-	
			CS					PED65735	253.00	253.70	0.70	0.00	<0.005	-	-	
		243.20 - 244.50	Alpha: 17	Beta: 0				PED65736	253.70	254.45	0.75	0.00	<0.005	-	-	
			Type/GEN/Intensity	CA1:	CA2:			PED65737	254.45	255.00	0.55	0.00	<0.005	-	-	
			FOL	2	17	22		PED65738	255.00	256.00	1.00	0.00	<0.005	-	-	
		Feature 2:					PED65739	256.00	257.00	1.00	0.00	<0.005	-	-		
			Type	Dyke	%	Thickness	Colour	Vein	PED65740	257.00	258.00	1.00	0.02	0.018	-	-
		V1	Carbonate_vein	<input type="checkbox"/>	3	0.02		N	PED65741	258.00	259.00	1.00	0.01	0.005	-	-
		QLF:					PED65742	259.00	260.00	1.00	0.01	0.006	-	-		
									PED65743	260.00	261.00	1.00	0.00	<0.005	-	-
									PED65744	261.00	262.04	1.04	0.00	<0.005	-	-
									PED65745	262.04	262.90	0.86	0.05	0.053	-	-



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
262.90	270.20	Feature 1	PED65746	262.90	263.54	0.64	0.03	0.033	-	-
		Type	PED65747	263.54	264.51	0.97	1.16	1.160	-	-
		E1H High_titanium_basalt	PED65748	264.51	265.56	1.05	6.69	6.690	-	-
		QLF:	PED65749	265.56	266.26	0.70	0.01	0.011	-	-
		fg; dark green; non-magnetic; much harder; 1% planar calcite str; localized po minz; stronger po minz adj to felsic dyke at 268.83-268.25m (35/45deg contacts); 1% aspy grains in po min adj to small felsic dyke	PED65750	266.26	267.00	0.74	0.70	0.701	-	-
			PED65751	267.00	267.89	0.89	0.03	0.025	-	-
			PED65752	267.89	268.56	0.67	0.18	0.177	-	-
			PED65753	268.56	268.83	0.27	9.78	9.780	-	-
			PED65755	268.83	269.25	0.42	1.01	1.010	-	-
			PED65756	269.25	269.63	0.38	1.13	1.130	-	-
			PED65757	269.63	270.20	0.57	1.65	1.650	-	-
		Alteration :								
		Type/Intensity/Texture								
		SIL 1 PRV								
		BIO 1 PRV								
		CBC 0 VND								
		Structure:								
	262.90 - 262.91	Alpha: 67			Beta: 0					
		Type/GEN/Intensity			CA1: CA2:					
		CS								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
	262.90 - 268.56	PO GS1 2.5 DIS								
	268.56 - 268.83	PO GS1 10 DIS								
	268.56 - 268.83	AS GS1 0.5 SCT								
	268.83 - 269.25	PO GS1 1 DIS								
	269.25 - 269.63	PO GS1 10 DIS								
	269.25 - 269.63	AS GS1 2 SCT								



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
270.20	274.27	Feature 1	PED65758	270.20	271.00	0.80	0.27	0.267	-	-
		Type	PED65759	271.00	272.00	1.00	0.51	0.510	-	-
		I3 Felsic_intrusive	PED65761	272.00	273.00	1.00	1.20	1.200	-	-
		QLF:	PED65762	273.00	273.65	0.65	0.73	0.729	-	-
		lt to med brown w spotted bio altrn; silicified; minor white to grey qtz str (<3mm) at 15-20 dtca; tr 2% po min; sharp contacts 45/35 dtca;	PED65763	273.65	274.27	0.62	0.55	0.545	-	-
		Alteration :								
		Type/Intensity/Texture								
		SIL								
		BIO								
		AMP								
274.27	276.45	Feature 1	PED65764	274.27	274.70	0.43	0.02	0.021	-	-
		Type	PED65765	274.70	275.40	0.70	0.03	0.027	-	-
		E0B Komatiitic_basalt	PED65766	275.40	276.45	1.05	0.16	0.159	-	-
		QLF:								
		mod talc altrn and slightly coarse; 30cm mod fabric at dyke contact (35dtca)								
		Alteration :								
		Type/Intensity/Texture								
		CHL 3 LOC								
		TLC 2 LOC								



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
276.45	289.82	Feature 1	PED65767	276.45	277.06	0.61	0.11	0.112	-	-	
		Type	PED65768	277.06	277.96	0.90	0.09	0.091	-	-	
		I3 Felsic_intrusive	PED65769	277.96	279.00	1.04	0.12	0.117	-	-	
		QLF:	PED65770	279.00	279.54	0.54	0.02	0.015	-	-	
		lt grey to lt brown s'd/bio altrd felsic dyke; a bit blocky w 30 deg chlor/cal joints; 1-2% lt grey qtz vlts (<15mm) at 17-23dtca; coarse po along some qtz/bio/tour strs (<2mm); fine po dissem	PED65771	279.54	280.00	0.46	0.14	0.139	-	-	
			PED65773	280.00	280.43	0.43	0.18	0.176	-	-	
			PED65774	280.43	281.00	0.57	0.31	0.309	-	-	
			PED65775	281.00	282.00	1.00	0.12	0.117	-	-	
			PED65776	282.00	283.00	1.00	0.28	0.279	-	-	
			PED65777	283.00	284.00	1.00	0.86	0.863	-	-	
			PED65778	284.00	285.00	1.00	5.97	5.970	-	-	
			PED65779	285.00	286.00	1.00	0.57	0.569	-	-	
			PED65780	286.00	287.05	1.05	0.55	0.548	-	-	
			PED65781	287.05	288.00	0.95	0.30	0.299	-	-	
			PED65783	288.00	289.00	1.00	0.33	0.331	-	-	
			PED65784	289.00	289.82	0.82	0.30	0.300	-	-	
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 PRV									
		BIO 2 PRV									
		Structure:									
		279.70 - 280.00 Alpha: 22 Beta: 0									
		Type/GEN/Intensity									
		FOL 2									
		280.01 - 280.02 Alpha: 22 Beta: 0									
		Type/GEN/Intensity									
		CS									
		287.70 - 288.00 Alpha: 30 Beta: 0									
		Type/GEN/Intensity									
		JNT 1									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		280.00 - 289.82 PO GS2 0.3 SCT									
		280.00 - 289.82 PO GS1 1 DIS									
		Comment									
		coarser po in qtz/bio/tour strs; fine dissem throughout									
		coarser po in qtz/bio/tour strs; fine dissem throughout									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
289.82	349.60	Feature 1	PED65785	289.82	290.33	0.51	0.01	0.013	-	-	
		Type	PED65786	290.33	291.00	0.67	0.07	0.072	-	-	
		E0B Komatiitic_basalt	PED65787	291.00	292.00	1.00	0.00	<0.005	-	-	
		QLF:	PED65788	292.00	293.00	1.00	0.05	0.052	-	-	
		greener; harder; more chloritic; very blocky ground; 1-2% irreg wispy carb threads; 1m ground core 293-294m; some carb vlt w offsets by irreg hairline flts only recognized by the offsets of the str; wk to mod magnetic; calcite in last meter at contact w basalt	PED65789	294.00	294.69	0.69	0.01	0.006	-	-	
			PED65790	347.62	348.30	0.68	0.01	0.006	-	-	
			PED65791	348.30	349.00	0.70	0.02	0.019	-	-	
			PED65793	349.00	349.60	0.60	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PCH									
		CHL 2 PRV									
		CBC 2 LOC									
		Structure:									
	289.82 - 289.83	Alpha: 42	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		CS	42								
	333.00 - 335.00	Alpha: 12	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FOL 2	10 15								
	337.50 - 337.51	Alpha: 40	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FOL 1									
	346.90 - 346.91	Alpha: 55	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FOL 1									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V1 Carbonate_vein	<input type="checkbox"/>	9	0.02						



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
QLF:											
349.60	365.18	Feature 1	PED65794	349.60	350.53	0.93	0.25	0.249	-	-	
		Type	PED65795	350.53	351.36	0.83	0.93	0.930	-	-	
		Dyke % Thickness Colour Vein	PED65796	351.36	351.78	0.42	4.87	4.870	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 85 0	PED65797	351.78	352.53	0.75	0.95	0.953	-	-	
		QLF:	PED65798	352.53	353.35	0.82	1.68	1.680	-	-	
		fg green basalt w mottled bio altrd sections (350.53-353.35m) and locally w strongly s'd/bio altrd and min (359.29-363.1m); wispy chlr threads and qtz strrs at 10-25deg; some qtz vlts w adj flooding at 45-50dtca; ; patches of aspy; up to 10% po dissem in well minz; calcite throughout even as micro-fractures in strongly s'd zone	PED65800	353.35	354.00	0.65	0.59	0.591	-	-	
			PED65801	354.00	354.88	0.88	0.63	0.632	-	-	
			PED65802	354.88	355.43	0.55	0.84	0.838	-	-	
		Alteration :	PED65803	355.43	356.05	0.62	0.95	0.949	-	-	
		Type/Intensity/Texture	PED65804	356.05	356.60	0.55	0.26	0.262	-	-	
		SIL 3 LOC	PED65805	356.60	357.22	0.62	0.39	0.390	-	-	
		BIO 2 LOC	PED65806	357.22	357.80	0.58	0.60	0.596	-	-	
		CBC 1 LOC	PED65807	357.80	358.32	0.52	1.89	1.890	-	-	
		Structure:	PED65809	358.32	358.75	0.43	0.96	0.955	-	-	
		349.60 - 349.61 Alpha: 80 Beta: 0	PED65810	358.75	359.29	0.54	4.87	4.870	-	-	
		Type/GEN/Intensity CA1: CA2:	PED65811	359.29	359.76	0.47	1.39	1.390	-	-	
		CS	PED65812	359.76	360.52	0.76	2.85	2.850	-	-	
		350.90 - 350.91 Alpha: 13 Beta: 0	PED65814	360.52	361.28	0.76	2.29	2.290	-	-	
		Type/GEN/Intensity CA1: CA2:	PED65815	361.28	362.00	0.72	1.74	1.740	-	-	
		FLT	PED65816	362.00	362.75	0.75	1.41	1.410	-	-	
		351.36 - 351.37 Alpha: 52 Beta: 0	PED65817	362.75	363.10	0.35	0.92	0.923	-	-	
		Type/GEN/Intensity CA1: CA2:	PED65818	363.10	363.60	0.50	1.40	1.400	-	-	
		V2	PED65819	363.60	364.21	0.61	2.40	2.400	-	-	
		351.77 - 351.78 Alpha: 45 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		FLT1									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
	359.76 - 362.00	Alpha: Type/GEN/Intensity R5 2	Beta: 0 CA1: CA2: 23 50	PED65820	364.21	364.77	0.56	1.33	1.330	-	-	
				PED65822	364.77	365.18	0.41	0.03	0.032	-	-	
		Mineralization Maj. :	Type/GSZ%/HABIT									
	349.60 - 350.53	PO GS1 1 THD										
	350.53 - 353.35	PO GS1 7.5 DIS										
	350.53 - 353.35	AS GS1 0.3 SCT										
	353.35 - 359.29	PO GS1 3.5 DIS										
	359.29 - 362.00	CP GS1 0.1 BLB										
	359.29 - 362.00	AS GS1 0.3 SCT										
	359.29 - 362.00	PO GS1 15 DIS										
	362.00 - 363.10	PO GS1 10 DIS										
	363.10 - 364.77	PO GS1 10 DIS										
	364.77 - 365.18	PO GS1 2 DIS										
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		R5 Sulphides	<input type="checkbox"/>	15	2.25		N					
		QLF:										



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
365.18	394.40	Feature 1	PED65823	365.18	366.00	0.82	0.00	<0.005	-	-	-
		Type	PED65824	366.00	367.00	1.00	0.30	0.297	-	-	-
		E0B Komatiitic_basalt	PED65825	367.00	368.00	1.00	0.87	0.865	-	-	-
		QLF:	PED65826	368.00	369.00	1.00	0.16	0.163	-	-	-
		med grey green to green brown in bio patches; poss band of high Ti at 376.67-377.62m; pervasive calcite altrn and as wispy str/vlts; no pervasive fabric; non magnetic	PED65827	369.00	370.00	1.00	0.09	0.094	-	-	-
			PED65828	370.00	371.00	1.00	0.20	0.201	-	-	-
			PED65830	371.00	372.00	1.00	0.09	0.089	-	-	-
		Alteration :	PED65831	372.00	373.00	1.00	0.04	0.039	-	-	-
		Type/Intensity/Texture	PED65832	373.00	374.00	1.00	0.01	0.012	-	-	-
		CBC 2 LOC	PED65833	374.00	375.00	1.00	2.93	2.930	-	-	-
		AC 2 LOC	PED65834	375.00	376.00	1.00	0.32	0.321	-	-	-
		BIO 1 LOC	PED65835	376.00	376.67	0.67	0.12	0.123	-	-	-
		Structure:	PED65836	376.67	377.62	0.95	0.97	0.966	-	-	-
367.20 - 367.21		Alpha: 8	PED65838	377.62	378.08	0.46	0.42	0.422	-	-	-
		Type/GEN/Intensity	PED65839	378.08	379.00	0.92	0.07	0.074	-	-	-
		FLT	PED65840	379.00	380.00	1.00	0.22	0.224	-	-	-
368.50 - 368.51		Alpha: 40	PED65841	380.00	381.00	1.00	0.07	0.070	-	-	-
		Type/GEN/Intensity	PED65842	381.00	382.00	1.00	0.02	0.019	-	-	-
		FOL	PED65844	382.00	383.00	1.00	0.05	0.050	-	-	-
372.47 - 372.48		Alpha: 25	PED65845	383.00	384.00	1.00	0.02	0.021	-	-	-
		Type/GEN/Intensity	PED65846	384.00	385.00	1.00	0.05	0.053	-	-	-
		FLD	PED65847	385.00	386.00	1.00	0.01	0.009	-	-	-
373.71 - 374.00		Alpha: 20	PED65848	386.00	387.00	1.00	2.80	2.800	-	-	-
		Type/GEN/Intensity	PED65849	387.00	388.00	1.00	0.04	0.040	-	-	-
		SHD 2	PED65850	388.00	388.60	0.60	0.01	0.011	-	-	-
373.80 - 374.00		Alpha: 20	PED65851	388.60	389.15	0.55	0.01	0.007	-	-	-
		Type/GEN/Intensity	PED65852	389.15	389.68	0.53	0.01	0.014	-	-	-
		SHD 2									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)			
	377.62 - 378.10	Alpha: 25 Type/GEN/Intensity SHD 2	Beta: 0 CA1: CA2:	PED65853	389.68	390.17	0.49	0.01	0.012	-	-				
				PED65854	390.17	391.10	0.93	0.01	0.009	-	-				
				PED65856	391.10	391.90	0.80	0.01	0.013	-	-				
	377.65 - 377.66	Alpha: 25 Type/GEN/Intensity FOL 2	Beta: 0 CA1: CA2:	PED65857	391.90	392.60	0.70	0.11	0.107	-	-				
				PED65858	392.60	393.17	0.57	0.02	0.023	-	-				
				PED65859	393.17	393.80	0.63	0.10	0.095	-	-				
				PED65860	393.80	394.40	0.60	0.02	0.017	-	-				
394.40	401.30	Feature 1		PED65861	394.40	394.82	0.42	0.04	0.038	-	-				
		Type	Dyke	%	Thickness	Colour	Vein	PED65862	394.82	395.64	0.82	0.26	0.257	-	-
		E0B Komatiitic_basalt	<input type="checkbox"/>	70	0	A		PED65863	395.64	396.28	0.64	0.12	0.119	-	-
		QLF: VND						PED65864	396.28	396.85	0.57	0.33	0.325	-	-
		qtz flooded um w act/calcite/bio altrn; more distinct veins contain ragged host frags; some qtz vlt at 25-40 dtca <1/2" wide; wk fine po dissem and tr aspy grains in host frags/bands		PED65865	396.85	397.24	0.39	0.01	0.009	-	-				
				PED65867	397.24	397.67	0.43	0.04	0.040	-	-				
		Alteration :	Type/Intensity/Texture	PED65868	397.67	398.44	0.77	0.43	0.427	-	-				
			AC 3 PRV	PED65869	398.44	399.20	0.76	0.19	0.192	-	-				
			SIL 4 LOC	PED65870	399.20	399.66	0.46	0.36	0.357	-	-				
			BIO 1 LOC	PED65871	399.66	400.35	0.69	0.20	0.199	-	-				
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment	PED65872	400.35	400.70	0.35	0.21	0.209	-	-			
	394.40 - 401.30		AS GS1 0.1 SCT	fine po min/rare aspy in host frags/threads	PED65874	400.70	401.30	0.60	0.18	0.181	-	-			
	394.40 - 401.30		PO GS1 2 DIS	fine po min/rare aspy in host frags/threads											
		Feature 2:													
		Type	Dyke	%	Thickness	Colour	Vein								
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	30	0.15	A									
		QLF: VND													



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
401.30	428.20	Feature 1	PED65875	401.30	402.00	0.70	0.07	0.070	-	-	
		Type	PED65876	402.00	403.00	1.00	0.15	0.152	-	-	
		E0B Komatiitic_basalt	PED65877	403.00	404.00	1.00	0.25	0.245	-	-	
		QLF:	PED65878	404.00	405.00	1.00	0.12	0.116	-	-	
		coarser; more massive w act altrn; patches of bio/cal altrn; 1% carb/calcite strs/threads; gradational lower contact	PED65879	405.00	406.00	1.00	0.03	0.034	-	-	
			PED65880	406.00	407.00	1.00	0.39	0.385	-	-	
			PED65881	407.00	408.00	1.00	0.03	0.027	-	-	
			PED65882	408.00	409.00	1.00	0.02	0.023	-	-	
			PED65883	409.00	410.00	1.00	0.01	0.012	-	-	
			PED65885	410.00	411.00	1.00	0.01	0.012	-	-	
			PED65886	411.00	412.00	1.00	0.02	0.019	-	-	
			PED65887	412.00	412.95	0.95	0.01	0.010	-	-	
			PED65888	412.95	414.00	1.05	0.01	0.011	-	-	
			PED65890	414.00	414.96	0.96	0.02	0.021	-	-	
			PED65891	414.96	416.00	1.04	0.01	0.007	-	-	
			PED65892	416.00	417.00	1.00	0.01	0.013	-	-	
			PED65893	417.00	418.00	1.00	0.02	0.020	-	-	
			PED65894	418.00	419.00	1.00	0.04	0.037	-	-	
			PED65895	419.00	420.00	1.00	0.01	0.011	-	-	
			PED65896	420.00	421.00	1.00	0.02	0.023	-	-	
			PED65897	421.00	422.00	1.00	0.00	<0.005	-	-	
			PED65899	422.00	423.00	1.00	0.01	0.011	-	-	
			PED65900	423.00	424.00	1.00	0.03	0.025	-	-	
			PED65901	424.00	425.00	1.00	0.00	<0.005	-	-	
			PED65902	425.00	426.00	1.00	0.00	<0.005	-	-	



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- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED65903	426.00	427.00	1.00	0.00	<0.005	-	-	-
			PED65904	427.00	427.60	0.60	0.00	<0.005	-	-	-
			PED65905	427.60	428.20	0.60	0.00	<0.005	-	-	-
428.20	441.83	Feature 1	PED65906	428.20	429.00	0.80	0.17	0.172	-	-	-
		Type	PED65908	429.00	429.74	0.74	0.01	0.013	-	-	-
		Dyke % Thickness Colour Vein	PED65909	429.74	430.48	0.74	0.00	<0.005	-	-	-
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED65910	430.48	431.05	0.57	0.02	0.015	-	-	-
		QLF:	PED65911	431.05	431.73	0.68	0.03	0.030	-	-	-
		dark grey green; very hard; weak magnetic; up to 10% po disseminations in sections; hairline chloritic seams/flts? At 25 dtca offsetting and offset by some at -25 in opposite direction (conjugate system?); gradational lower contact	PED65912	431.73	432.60	0.87	0.01	0.008	-	-	-
		Alteration :	PED65913	432.60	433.34	0.74	0.00	<0.005	-	-	-
		Type/Intensity/Texture	PED65914	433.34	434.04	0.70	0.00	<0.005	-	-	-
		BIO 1 PRV	PED65916	434.04	434.84	0.80	0.00	<0.005	-	-	-
		SIL 1 PRV	PED65917	434.84	435.37	0.53	0.00	<0.005	-	-	-
		Mineralization Maj. :	PED65918	435.37	436.00	0.63	0.00	<0.005	-	-	-
		Type/GSZ%/HABIT	PED65919	436.00	436.65	0.65	0.01	0.009	-	-	-
		428.20 - PO GS1 5 DIS	PED65920	436.65	437.25	0.60	0.00	<0.005	-	-	-
		433.34 - BN GS1 0.1 BLB	PED65921	437.25	437.91	0.66	0.00	<0.005	-	-	-
		433.34 - PY GS1 1 DIS	PED65922	437.91	438.49	0.58	0.02	0.018	-	-	-
		433.34 - PO GS1 12 DEF	PED65923	437.91	438.49	0.58	0.00	<0.005	-	-	-
		433.34 - PO GS1 12 DEF	PED65924	438.49	439.05	0.56	0.01	0.010	-	-	-
		437.20 - PO GS1 0.3 THD	PED65925	439.05	440.00	0.95	0.01	0.012	-	-	-
		437.20 - PO GS1 5 DEF	PED65926	440.00	441.00	1.00	0.01	0.012	-	-	-
		441.83	PED65928	441.00	441.83	0.83	0.04	0.044	-	-	-



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Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
441.83	456.00	Feature 1	PED65929	441.83	442.50	0.67	0.01	0.008	-	-	
		Type	PED65930	442.50	443.08	0.58	0.01	0.010	-	-	
		E0B Komatiitic_basalt	PED65931	443.08	444.00	0.92	0.02	0.022	-	-	
		QLF:	PED65932	444.00	445.00	1.00	0.02	0.015	-	-	
		blue green w bladed/feathery actinolite throughout;; relatively massive; rare calcite str; non magnetic; med grained	PED65933	445.00	446.00	1.00	0.03	0.027	-	-	
		Alteration :	PED65935	446.00	447.00	1.00	0.01	0.009	-	-	
		Type/Intensity/Texture	PED65936	447.00	448.00	1.00	0.01	0.012	-	-	
		AC 2 PRV	PED65937	448.00	449.00	1.00	0.01	0.007	-	-	
		CBC 1 VND	PED65938	449.00	450.00	1.00	0.01	0.014	-	-	
			PED65939	450.00	451.00	1.00	0.01	0.011	-	-	
			PED65940	451.00	452.00	1.00	0.00	<0.005	-	-	
			PED65941	452.00	453.00	1.00	0.00	<0.005	-	-	
			PED65942	453.00	454.00	1.00	0.03	0.025	-	-	
			PED65943	454.00	455.00	1.00	0.01	0.007	-	-	
			PED65945	455.00	456.00	1.00	0.03	0.026	-	-	
456.00	458.15	Feature 1	PED65946	456.00	456.70	0.70	0.00	<0.005	-	-	
		Type	PED65947	456.70	457.40	0.70	0.01	0.007	-	-	
		E1H High_titanium_basalt	PED65949	457.40	458.15	0.75	0.24	0.244	-	-	
		QLF:									
		fine grained very hard (silicified); dark grey green w some coarser white plag (almost gabbroic in patches); fine po dissem throughout w patches of py; tr cp blebs									
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 PRV									
		SIL 2 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		456.00 - CP GS1 0.1 THD									
		Comment									
											typical w fine po throughout; tr cp along one



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	458.15															
	456.00 - 458.15	PY	GS1	1	DIS	thread										
	456.00 - 458.15	PO	GS1	7	DIS	typical w fine po throughout; tr cp along one thread										
458.15	471.90	Feature 1					PED65950	458.15	459.00	0.85	0.02	0.018	-	-		
		Type		Dyke	%	Thickness	Colour	Vein								
		E0B	Komatiitic_basalt	<input type="checkbox"/>	0	0			PED65951	459.00	460.00	1.00	0.02	0.015	-	
		QLF:					PED65952	460.00	461.06	1.06	0.24	0.237	-	-		
		med grained; med green; feathery cumulate texture; wk magnetic; fairly massive w weak non-pervasive fabric					PED65953	461.06	462.00	0.94	0.02	0.019	-	-		
		Alteration :					PED65954	462.00	462.93	0.93	0.01	0.011	-	-		
			Type/Intensity/Texture						PED65955	462.93	463.94	1.01	0.03	0.025	-	
			CHL 1 PRV						PED65956	463.94	464.60	0.66	0.02	0.017	-	
			AC 2 LOC						PED65957	464.60	465.38	0.78	0.02	0.015	-	
									PED65959	465.38	466.00	0.62	0.01	0.007	-	
									PED65960	466.00	467.00	1.00	0.02	0.016	-	
									PED65961	467.00	468.00	1.00	0.01	0.013	-	
									PED65962	468.00	469.00	1.00	0.01	0.012	-	
									PED65963	469.00	470.00	1.00	0.00	<0.005	-	
									PED65964	470.00	471.00	1.00	0.01	0.005	-	
									PED65966	471.00	471.40	0.40	0.00	<0.005	-	
									PED65967	471.40	471.90	0.50	0.02	0.019	-	
471.90	475.00	Feature 1					PED65968	471.90	472.53	0.63	0.01	0.005	-	-		
		Type		Dyke	%	Thickness	Colour	Vein	PED65969	472.53	473.20	0.67	0.00	<0.005	-	
		E1H	High_titanium_basalt	<input type="checkbox"/>	0	0			PED65970	473.20	474.00	0.80	0.00	<0.005	-	
		QLF:					PED65972	474.00	475.00	1.00	0.01	0.007	-	-		
		fg; dark green; hard; perv chlr/act; locally feathery texture; 60 deg contact w qtz/calcite strs at 45dtca;														



LITHOLOGY REPORT

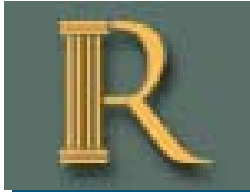
- Detailed -

Hole Number **305-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 PRV									
		AC 1 PRV									
		CHL 1 PRV									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		471.90 - PO GS1 2 DIS									
		475.00									
			Comment								
			finely disseminated pyrodissemination								



DRILL HOLE REPORT

Hole Number **305-17-22**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 130.07	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -14.11	Pulled:	Storage: Core Farm	Claim No.: KRL18375, K	Relog by:
Length: 450	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 24-Jun-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 30-Jun-17				Surveyed: yes
Logged: 03-Aug-17				Surveyed by: Mark Cottrell
Comment: Brecciated Qtz vein w/ angular fragments from 342.3-343.25 with ~6-7 Flecks of *VG*; Brx vein imbricated irregularly				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10221.676	East: 448366.07
			North: 50058.634	North: 5663847.56
			Elev.: 5067.257	Elev.: 67.26
			Zone: 15N	NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	130.07	-14.11	C	<input checked="" type="checkbox"/>	
15.00	131.36	-14.38	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	133.02	-14.77	DeviSh ot	<input checked="" type="checkbox"/>	
101.00	132.45	-14.99	DeviSh ot	<input checked="" type="checkbox"/>	
150.00	132.29	-15.18	DeviSh ot	<input checked="" type="checkbox"/>	
201.00	130.13	-14.30	DeviSh ot	<input checked="" type="checkbox"/>	
252.00	132.66	-14.23	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
303.00	128.31	-14.14	DeviSh ot	<input checked="" type="checkbox"/>	
351.00	130.47	-14.06	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	129.82	-14.33	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-22**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
0.00	7.00	Feature 1								
		Type								
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0		0				
		QLF: SHD FLT GS1								
		Talc Zone; Dark Green/Blue; VFG; Sheared/Faulted @ sub-// TCA to 20 TCA; moderate fresh gouge; mod silicification throughout; LCT @ 50 TCA								
		Alteration : <i>Type/Intensity/Texture</i>								
		TLC 2 PRV								
7.00	11.40	Feature 1								
		Type								
		I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0		0				
		QLF:								
		Lamp Dyke; Black; Aphanitic-VFG; Black to Dark Grey; Aphanitic; 2% mm-scale qtz carb stringers; barren; LCT faulted @ 65 TCA								
		Alteration : <i>Type/Intensity/Texture</i>								
		AMP								
		SIL								
		BIO								



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Hole Number **305-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
11.40	61.65	Feature 1	PED66474	39.30	40.30	1.00	0.00	<0.005	-	-	
		Type	PED66475	40.30	41.25	0.95	0.00	<0.005	-	-	
		EOT Talc_rich_unit	PED66476	41.25	42.00	0.75	0.00	<0.005	-	-	
		QLF: ALT FOL GS1	PED66478	42.00	43.00	1.00	0.00	<0.005	-	-	
		Talc Zone; Med-dark Grey; aphanitic-VFG; creamy talcose stringer // to strong S1 Fabric @ 60 TCA; minor silicification from 55.5-61.65 increasing downhole to LCT @ 70 TCA	PED66479	43.00	44.00	1.00	0.00	<0.005	-	-	
			PED66480	54.75	55.70	0.95	0.00	<0.005	-	-	
			PED66481	55.70	56.50	0.80	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture	PED66482	56.50	57.00	0.50	0.00	<0.005	-	-	
		TLC 2 PRV	PED66483	57.00	58.00	1.00	0.00	<0.005	-	-	
		Structure:	PED66484	58.00	59.00	1.00	0.02	0.021	-	-	
	11.40 - 13.60	Alpha: 60 Beta: 0	PED66485	59.00	60.00	1.00	0.00	<0.005	-	-	
		Type/GEN/Intensity CA1: CA2:	PED66486	60.00	60.75	0.75	0.00	<0.005	-	-	
		FLT 3 55 65	PED66487	60.75	61.65	0.90	0.04	0.037	-	-	
	41.25 - 42.00	Alpha: 20 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		V3									
61.65	87.40	Feature 1	PED66489	61.65	62.25	0.60	0.01	0.007	-	-	
		Type	PED66490	62.25	63.30	1.05	0.01	0.008	-	-	
		EOT Talc_rich_unit	PED66491	63.30	64.35	1.05	0.00	<0.005	-	-	
		QLF: FTB ALT SHD									
		Talc-Altered BK; Dark Green; strong flow top brx texture throughout; mod S1 Fabric @ 35 TCA; Strong fabric becoming sheared/faulted with intensity increasing downhole towards LCT with Lamp @ 40 TCA									
		Alteration : Type/Intensity/Texture									
		TLC 3 PRV									
		Structure:									



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Hole Number **305-17-22**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
	69.50 - 87.40	Alpha: 70 Type/GEN/Intensity FLT 4	Beta: 0 CA1: CA2: 65 75									
87.40	96.40	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I0E Lamprophyre	<input type="checkbox"/>	0	0							
		QLF: GS1 ALT										
		Lamp Dyke; Black-Dark Grey; VF-FG; Strong Bio alteration throughout; mod-strong carb content; fol @ 40 TCA; LCT faulted @ 60 TCA										
		Alteration :										
		Type/Intensity/Texture										
		CB 2 PRV										
		BIO 3 PRV										
96.40	98.50	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0							
		QLF: SHD GS1 ALT										
		Talc-Altered BK; Med Green; FG; Mod talc alteration; sheared throughout @ 60 TCA; LCT @ 55 TCA										
		Alteration :										
		Type/Intensity/Texture										
		TLC 3 PRV										
								PED66492	96.40	97.50	1.10	0.05 0.047 - -
								PED66493	97.50	98.50	1.00	0.04 0.036 - -



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Hole Number **305-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
98.50	108.85	Feature 1	PED66494	98.50	99.50	1.00	0.75	0.747	-	-
		Type	PED66495	99.50	100.50	1.00	0.91	0.913	-	-
		I3 Felsic_intrusive	PED66497	100.50	101.50	1.00	0.68	0.684	-	-
		QLF: GS1 VND	PED66498	101.50	102.50	1.00	1.08	1.080	-	-
		Felsic Dyke; Med Grey/Pinkish; FG; Mod-strong bio alteration throughout; Wk Fol @ 45 TCA; ~5% mm-scale smokey grey qtz veinlets at multiple/chaotic orientations; trace sulphides; LCT @ 70 TCA	PED66499	102.50	103.50	1.00	1.13	1.130	-	-
		Alteration :	PED66500	103.50	104.50	1.00	0.95	0.950	-	-
		Type/Intensity/Texture	PED66501	104.50	105.25	0.75	2.46	2.460	-	-
		BIO 2 PRV	PED66502	105.25	106.20	0.95	1.04	1.040	-	-
			PED66503	106.20	106.95	0.75	1.50	1.500	-	-
			PED66505	106.95	107.80	0.85	1.41	1.410	-	-
			PED66506	107.80	108.85	1.05	0.62	0.617	-	-
108.85	121.40	Feature 1	PED66507	108.85	109.55	0.70	0.01	0.009	-	-
		Type	PED66508	109.55	110.55	1.00	0.01	0.009	-	-
		E0T Talc_rich_unit	PED66509	110.55	111.55	1.00	0.00	<0.005	-	-
		QLF: GS1 FOL ALT	PED66510	111.55	112.55	1.00	0.01	0.008	-	-
		Talc-Altered BK; Med Green; FG; Mod talc alteration; strong S1 fol throughout @ 45TCA; 1% wk-moderately silicified hairling-mm talcose stringers // to fol; LCT @ 70 TCA	PED66511	112.55	113.55	1.00	0.01	0.006	-	-
		Alteration :	PED66512	113.55	114.55	1.00	0.02	0.015	-	-
		Type/Intensity/Texture	PED66514	114.55	115.55	1.00	0.00	<0.005	-	-
		TLC 2 PRV	PED66515	115.55	116.55	1.00	0.00	<0.005	-	-
			PED66516	116.55	117.55	1.00	0.00	<0.005	-	-
			PED66517	117.55	118.50	0.95	0.01	0.007	-	-
			PED66518	118.50	119.60	1.10	0.01	0.007	-	-
			PED66519	119.60	120.40	0.80	0.02	0.019	-	-
			PED66520	120.40	121.40	1.00	0.05	0.047	-	-



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
121.40	137.85	Feature 1	PED66521	121.40	122.45	1.05	0.73	0.731	-	-		
		Type	PED66523	122.45	123.65	1.20	0.60	0.602	-	-		
		I3 Felsic_intrusive	PED66524	123.65	123.90	0.25	0.21	0.214	-	-		
		QLF: GS1 FOL	PED66525	123.90	124.90	1.00	0.00	<0.005	-	-		
		Felsic Dyke; Med Grey/Pinkish; FG; Mod bio alteration throughout; Wk Fol @ 45 TCA; 25 cm Fragment of E0T from 123.65-123.9 m with chilled margins; ~2% mm-scale smokey grey qtz veinlets at multiple/chaotic orientations becoming 15-20% downhole from 135-137.85 m; trace sulphides; LCT @ 70 TCA	PED66526	124.90	125.80	0.90	0.42	0.415	-	-		
			PED66527	125.80	126.55	0.75	0.61	0.607	-	-		
			PED66528	126.55	127.60	1.05	0.60	0.598	-	-		
		Alteration :	PED66529	127.60	128.45	0.85	0.36	0.363	-	-		
		Type/Intensity/Texture	PED66530	128.45	129.00	0.55	0.20	0.204	-	-		
		AMP	PED66531	129.00	129.95	0.95	0.32	0.319	-	-		
		SIL	PED66533	129.95	130.90	0.95	0.67	0.672	-	-		
		BIO 2 PRV	PED66534	130.90	131.90	1.00	0.49	0.485	-	-		
		Structure:	PED66535	131.90	132.90	1.00	0.52	0.515	-	-		
		135.00 - 137.85 Alpha: 35 Beta: 0	PED66536	132.90	133.90	1.00	0.00	<0.005	-	-		
		Type/GEN/Intensity	PED66537	133.90	135.00	1.10	0.34	0.342	-	-		
		V2 2 CA1: 10 CA2: 40	PED66538	135.00	135.50	0.50	0.55	0.549	-	-		
			PED66540	135.50	136.15	0.65	0.52	0.519	-	-		
			PED66541	136.15	137.00	0.85	0.00	<0.005	-	-		
			PED66542	137.00	137.85	0.85	1.96	1.960	-	-		
137.85	143.55	Feature 1	PED66544	137.85	138.85	1.00	0.34	0.337	-	-		
		Type	PED66545	138.85	139.90	1.05	0.17	0.167	-	-		
		E0T Talc_rich_unit	PED66546	139.90	140.90	1.00	0.02	0.024	-	-		
		QLF: GS1 FOL	PED66547	140.90	141.85	0.95	0.91	0.909	-	-		
		Talc-Altered BK; Med Green; FG; Mod talc alteration; mod S1 fol throughout @ 45TCA; 1% wk-moderately silicified hairling-mm talcose stringers // to fol; LCT @ 65 TCA	PED66548	141.85	142.85	1.00	0.17	0.166	-	-		
			PED66549	142.85	143.55	0.70	0.92	0.923	-	-		
		Alteration :										
		Type/Intensity/Texture										
		TLC 2 PRV										



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
143.55	152.50	Feature 1	PED66550	143.55	144.50	0.95	0.66	0.660	-	-
		Type	PED66551	144.50	145.50	1.00	1.48	1.480	-	-
		Dyke % Thickness Colour Vein	PED66552	145.50	146.25	0.75	0.58	0.582	-	-
		I3 Felsic_intrusive □ 0 0	PED66554	146.25	147.00	0.75	0.32	0.324	-	-
		QLF: FRA	PED66555	147.00	147.85	0.85	0.93	0.929	-	-
		Felsic Dyke; Med Grey/Pinkish; wk; Mod bio alteration throughout; Wk Fol @ 75 TCA; heavily fractured to rubbed at multiple orientations; 5-7% mm-cm scale smokey grey qtz veinlets at multiple/chaotic orientations becoming 15-20% downhole towards LCT @ 65 TCA	PED66556	147.85	148.65	0.80	0.62	0.619	-	-
		Alteration : Type/Intensity/Texture	PED66557	148.65	149.20	0.55	0.92	0.924	-	-
		BIO 1 PRV	PED66558	149.20	150.00	0.80	0.77	0.772	-	-
			PED66559	150.00	150.50	0.50	1.40	1.400	-	-
			PED66560	150.50	151.00	0.50	0.68	0.677	-	-
			PED66561	151.00	151.90	0.90	0.62	0.622	-	-
			PED66562	151.90	152.50	0.60	1.17	1.170	-	-
152.50	155.05	Feature 1	PED66564	152.50	153.20	0.70	7.56	7.560	-	-
		Type	PED66565	153.20	154.15	0.95	1.87	1.870	-	-
		Dyke % Thickness Colour Vein	PED66566	154.15	155.05	0.90	3.18	3.180	-	-
		E1H High_titanium_basalt □ 0 0								
		QLF: FOL GS2								
		Hi Ti; Dark Brown/Green; VFG; FG-MG Bio alteration throughout foliated @ 60 TCA; 3-4% mm-scale V2A veinlets at chaotic orientations								
		Alteration : Type/Intensity/Texture								
		AC 2 LOC								
		BIO 2 PRV								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
155.05	179.60	Feature 1	PED66567	155.05	155.85	0.80	0.07	0.073	-	-	-	-
		Type	PED66568	155.85	156.85	1.00	0.05	0.048	-	-	-	-
		E0T Talc_rich_unit	PED66569	156.85	157.80	0.95	0.00	<0.005	-	-	-	-
		QLF: SHD ALT	PED66570	157.80	158.80	1.00	0.00	<0.005	-	-	-	-
		Talc Zone; lt-dark green; creamy talcose stringers; S1 fabric throughout @ 45 TCA; faulted shearing/disking from 164.5-166.6 m; increase in localized shearing throughout associated with increase in silicification // to S1; LCT @ 45 TCA	PED66571	158.80	159.80	1.00	0.01	0.007	-	-	-	-
			PED66572	159.80	160.90	1.10	0.00	<0.005	-	-	-	-
			PED66573	160.90	161.90	1.00	0.00	<0.005	-	-	-	-
		Alteration :	PED66574	161.90	162.85	0.95	0.00	<0.005	-	-	-	-
		Type/Intensity/Texture	PED66575	162.85	163.40	0.55	0.04	0.042	-	-	-	-
		AMP	PED66576	163.40	164.20	0.80	0.01	0.008	-	-	-	-
		SIL	PED66577	164.20	164.50	0.30	0.14	0.136	-	-	-	-
		BIO	PED66579	164.50	165.30	0.80	0.00	<0.005	-	-	-	-
		Structure:	PED66580	165.30	165.90	0.60	0.00	<0.005	-	-	-	-
	164.20 - 164.50	Alpha: 55	PED66581	165.90	166.60	0.70	0.01	0.007	-	-	-	-
		Type/GEN/Intensity	PED66582	166.60	167.85	1.25	0.00	<0.005	-	-	-	-
		V2A 3	PED66583	167.85	168.85	1.00	0.01	0.005	-	-	-	-
	164.50 - 166.60	Alpha: 65	PED66584	168.85	169.85	1.00	0.00	<0.005	-	-	-	-
		Type/GEN/Intensity	PED66585	169.85	170.55	0.70	0.00	<0.005	-	-	-	-
		FLT 3	PED66586	170.55	171.55	1.00	0.00	<0.005	-	-	-	-
	174.15 - 174.70	Alpha: 25	PED66587	171.55	172.60	1.05	0.28	0.281	-	-	-	-
		Type/GEN/Intensity	PED66588	172.60	173.35	0.75	0.09	0.088	-	-	-	-
		SHD 2	PED66589	173.35	174.15	0.80	0.18	0.177	-	-	-	-
		V2A 2	PED66590	174.15	174.70	0.55	0.41	0.413	-	-	-	-
		Beta: 0	PED66592	174.70	175.30	0.60	0.27	0.266	-	-	-	-
		CA1: CA2:	PED66593	175.30	176.30	1.00	0.01	0.005	-	-	-	-
		50 70	PED66594	176.30	177.50	1.20	0.03	0.027	-	-	-	-
		50 70	PED66595	177.50	178.50	1.00	0.04	0.043	-	-	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED66596	178.50	179.20	0.70	0.18	0.175	-	-	
			PED66597	179.20	179.60	0.40	0.60	0.597	-	-	
179.60	189.60	Feature 1	PED66599	179.60	180.60	1.00	0.81	0.808	-	-	
		Type	PED66600	180.60	181.50	0.90	0.49	0.488	-	-	
		Dyke % Thickness Colour Vein	PED66601	181.50	181.90	0.40	0.45	0.451	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED66602	181.90	182.70	0.80	0.40	0.402	-	-	
		QLF:	PED66603	182.70	183.65	0.95	0.60	0.597	-	-	
		Felsic Dyke; Med Grey/Pinkish; wk; Mod bio alteration increasing downhole; mod fol @ 25 TCA; heavily fractured to rubbled at multiple orientations; 7-8% mm-cm scale smokey grey qtz veinlets predominantly // to S1; LCT @ 65 TCA	PED66604	183.65	184.80	1.15	0.76	0.764	-	-	
		Alteration :	PED66606	184.80	185.80	1.00	0.75	0.745	-	-	
		Type/Intensity/Texture	PED66607	185.80	186.55	0.75	3.74	3.740	-	-	
		AMP	PED66608	186.55	187.15	0.60	0.56	0.563	-	-	
		SIL	PED66609	187.15	188.15	1.00	0.73	0.727	-	-	
		BIO	PED66610	188.15	188.90	0.75	0.40	0.403	-	-	
			PED66611	188.90	189.60	0.70	0.69	0.693	-	-	
189.60	196.75	Feature 1	PED66613	189.60	190.60	1.00	0.00	<0.005	-	-	
		Type	PED66614	190.60	191.30	0.70	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED66615	191.30	192.10	0.80	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED66616	192.10	193.00	0.90	0.00	<0.005	-	-	
		QLF: GS1 ALT SHD	PED66618	193.00	194.00	1.00	0.00	<0.005	-	-	
		Talc Zone; lt-dark green; creamy talcose stringers; Strong S1 fabric throughout becoming locally faulted @ 35 TCA; increase in localized shearing throughout associated with increase in silicification // to S1; LCT @ 50 TCA	PED66619	194.00	195.10	1.10	0.00	<0.005	-	-	
		Alteration :	PED66620	195.10	196.10	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED66621	196.10	196.75	0.65	0.01	0.010	-	-	
		TLC 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
196.75	203.35	Feature 1	PED66622	196.75	197.75	1.00	0.27	0.266	-	-
		Type	PED66624	197.75	198.50	0.75	0.42	0.416	-	-
		I3 Felsic_intrusive	PED66625	198.50	199.10	0.60	0.85	0.845	-	-
		QLF: ALT FRA VND	PED66626	199.10	199.55	0.45	1.00	1.000	-	-
		Felsic Dyke; Med Grey/Pinkish; wk-Strong bio alteration increasing downhole; mod fol @ 25 TCA; heavily fractured to rubbled at multiple orientations; 2% mm-cm scale smokey grey qtz veinlets predominantly @ 15-20 TCA; LCT @ 50 TCA	PED66627	199.55	200.25	0.70	0.40	0.400	-	-
		Alteration : Type/Intensity/Texture	PED66628	200.25	200.75	0.50	0.42	0.418	-	-
		BIO 3 PRV	PED66629	200.75	201.55	0.80	0.83	0.827	-	-
			PED66631	201.55	202.25	0.70	0.38	0.383	-	-
			PED66632	202.25	203.35	1.10	0.42	0.418	-	-
203.35	204.60	Feature 1	PED66633	203.35	203.70	0.35	0.31	0.312	-	-
		Type	PED66634	203.70	204.60	0.90	0.30	0.299	-	-
		E0T Talc_rich_unit								
		QLF: FRG BAN BRX								
		Intermixed ~0.25 m fragments of I3 and E0T; irregular/discordant and sheared fragment contacts								
		Alteration : Type/Intensity/Texture								
		BIO 2 BAN								
		SIL 2 BAN								
		TLC 2 BAN								
		Feature 2:								
		Type								
		I3 Felsic_intrusive								
		QLF: FRG BAN BRX								



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204.60	214.30	Feature 1	PED66635	204.60	205.60	1.00	0.50	0.501	-	-	
		Type	PED66637	205.60	206.10	0.50	0.30	0.297	-	-	
		Dyke % Thickness Colour Vein	PED66638	206.10	206.70	0.60	0.35	0.347	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED66639	206.70	207.40	0.70	0.38	0.375	-	-	
		QLF: GS1 ALT FRA	PED66640	207.40	208.25	0.85	1.09	1.090	-	-	
		Felsic Dyke; Med Grey/Pinkish; wk-Strong bio alteration increasing downhole; mod fol @ 20 TCA; mod fractures predominantly @ 30-50 TCA; 2% mm-cm scale smokey grey qtz veinlets predominantly @ 25-41 TCA; LCT @ 85 TCA	PED66641	208.25	209.25	1.00	0.93	0.926	-	-	
		Alteration : Type/Intensity/Texture	PED66642	209.25	210.25	1.00	3.40	3.400	-	-	
		BIO 2 PRV	PED66643	210.25	211.25	1.00	0.65	0.647	-	-	
			PED66644	211.25	212.30	1.05	0.58	0.578	-	-	
			PED66645	212.30	213.25	0.95	47.47	>10.000	47.47	-	
			PED66646	213.25	213.70	0.45	26.04	>10.000	26.04	-	
			PED66648	213.70	214.30	0.60	0.58	0.579	-	-	
214.30	222.20	Feature 1	PED66649	214.30	215.10	0.80	6.82	6.820	-	-	
		Type	PED66650	215.10	215.75	0.65	0.85	0.849	-	-	
		Dyke % Thickness Colour Vein	PED66651	215.75	216.15	0.40	5.80	5.800	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED66652	216.15	216.65	0.50	11.76	>10.000	11.76	-	
		QLF:	PED66654	216.65	217.50	0.85	0.06	0.062	-	-	
		Hi Ti Basalt; Dark Green/Black; aphanitic-VFG; wk-mod carb alteration throughout; wk-mod fol @	PED66655	217.50	217.85	0.35	0.01	0.011	-	-	
		Visible Gold : SampleID/Grainsize/Style	PED66656	217.85	218.15	0.30	28.15	>10.000	28.15	-	
		PED66656 2-5mm Fleck	PED66658	218.15	219.00	0.85	0.12	0.123	-	-	
		PED66663 1-2mm Pin prick	PED66659	219.00	219.50	0.50	0.79	0.790	-	-	
		Alteration : Type/Intensity/Texture	PED66661	219.50	220.15	0.65	4.22	4.220	-	-	
		AMP	PED66662	220.15	220.70	0.55	1.44	1.440	-	-	
		SIL	PED66663	220.70	221.00	0.30	4.04	4.040	-	-	
		BIO									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
		Structure:	PED66665	221.00	221.60	0.60	0.89	0.886	-	-	
216.15 - 216.65		Alpha: 20 Beta: 70 Type/GEN/Intensity V2S 2	PED66666	221.60	222.20	0.60	0.13	0.129	-	-	
		CA1: CA2: 20 30									
		Mineralization Maj. : Type/GSZ%/HABIT	Comment								
214.30 - 215.60		PY GS1 2 DIS	5 cm Smokey qtz vein with 10 cm very strong Leucoxcene(?) akteration halo; Dism Po and Po-replaced garnets assoc w/ halo								
214.30 - 215.60		PO GS1 4 DIS	5 cm Smokey qtz vein with 10 cm very strong Leucoxcene(?) akteration halo; Dism Po and Po-replaced garnets assoc w/ halo								
216.65 - 217.85		PY GS1 1	Dism sulphides in E1H								
216.65 - 217.85		PO GS1 5 DIS	Dism sulphides in E1H								
217.85 - 218.15		PO GS1 3 DIS	5 mm smokey qtz vein (60/035TCA) with 5-7 specks VG at intersection with discordant veinlet (55/185TCA)								
217.85 - 218.15		VG GS1 0.1 SPK	5 mm smokey qtz vein (60/035TCA) with 5-7 specks VG at intersection with discordant veinlet (55/185TCA)								
218.15 - 220.70		PY GS1 1 DIS	Dism sulphides in E1H								
218.15 - 220.70		PO GS1 5 DIS	Dism sulphides in E1H								
220.70 - 221.00		PY GS1 3 DIS	15 cm R5 replacement zone surrounding 2 cm smokey qtz vein; 2 flecks VG in 5 mm smokey veinlet at downhole extent of R5 zone								
220.70 - 221.00		PO GS1 7 DIS	15 cm R5 replacement zone surrounding 2 cm smokey qtz vein; 2 flecks VG in 5 mm smokey veinlet at downhole extent of R5 zone								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	220.70 - 221.00	VG	GS1	0.5	FLK	15 cm R5 replacement zone surrounding 2 cm smokey qtz vein; 2 flecks VG in 5 mm smokey veinlet at downhole extent of R5 zone										
	221.00 - 222.20	PY	GS1	2	DIS	Dism Sulphides in E1H										
	221.00 - 222.20	PO	GS1	6	DIS	Dism Sulphides in E1H										
222.20	228.40	Feature 1					PED66667	222.20	223.05	0.85	0.02	0.015	-	-		
		Type		Dyke	%	Thickness	Colour	Vein								
		EOT	Talc_rich_unit	<input type="checkbox"/>	0	0			PED66668	223.05	224.00	0.95	0.00	<0.005	-	
		QLF: SHD SCH GS1					PED66669	224.00	225.00	1.00	0.00	<0.005	-	-		
		Talc-Altered Ultramafic; med-dark green; chaotic creamy green talcose stringers; moderately silicified throughout; S1 fabric @ 40 to 60 TCA; LCT @ 60 TCA					PED66670	225.00	226.20	1.20	0.00	<0.005	-	-		
									PED66671	226.20	227.40	1.20	0.00	<0.005	-	
									PED66672	227.40	228.40	1.00	0.01	0.007	-	
		Alteration :														
		Type/Intensity/Texture														
		SIL 2 VND														
		TLC 3 PRV														



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							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
228.40	236.35	Feature 1	PED66673	228.40	229.40	1.00	0.77	0.765	-	-
		Type	PED66674	229.40	230.40	1.00	0.76	0.763	-	-
		I3 Felsic_intrusive	PED66675	230.40	230.80	0.40	0.80	0.800	-	-
		QLF:	PED66676	230.80	231.40	0.60	1.97	1.970	-	-
		Felsic Dyke; Med Grey/Pinkish; wk-mod bio alteration; mod fol @ 50 TCA; mod fractures predominantly @ ~40 TCA discordant to fol; minor shearing from 233.5-2.234 m @ 45 TCA; 2% mm-cm scale smokey grey qtz veinlets predominantly @ 25-40 TCA; LCT @ 55 TCA	PED66677	231.40	232.00	0.60	0.84	0.844	-	-
		Alteration :	PED66678	232.00	232.80	0.80	2.38	2.380	-	-
		Type/Intensity/Texture	PED66679	232.80	233.50	0.70	1.36	1.360	-	-
		AMP	PED66680	233.50	234.00	0.50	0.88	0.879	-	-
		SIL	PED66681	234.00	234.40	0.40	1.59	1.590	-	-
		BIO	PED66682	234.40	235.35	0.95	1.28	1.280	-	-
		SHD 2	PED66683	235.35	236.35	1.00	1.01	1.010	-	-
		Structure:								
		233.50 - 234.00								
		Alpha: 45								
		Beta: 0								
		Type/GEN/Intensity								
		V2								
		SHD 2								
		CA1: CA2:								
		45 45								
		45 45								
236.35	246.05	Feature 1	PED66685	236.35	237.20	0.85	0.06	0.056	-	-
		Type	PED66686	237.20	238.00	0.80	0.24	0.242	-	-
		E0T Talc_rich_unit	PED66687	238.00	239.00	1.00	0.00	<0.005	-	-
		QLF: SHD ALT GS1	PED66688	239.00	240.00	1.00	0.00	<0.005	-	-
		Talc-Altered Ultramafic; med-dark green; chaotic creamy talcose stringers; moderately silicified throughout; S1 fabric @ 30 to 55 TCA; LCT @ 60 TCA	PED66689	240.00	240.95	0.95	0.00	<0.005	-	-
		Alteration :	PED66690	240.95	241.95	1.00	0.00	<0.005	-	-
		Type/Intensity/Texture	PED66692	241.95	242.60	0.65	0.00	<0.005	-	-
		TLC 3 PRV	PED66693	242.60	243.20	0.60	0.00	<0.005	-	-
		SHD 2	PED66694	243.20	244.05	0.85	0.00	<0.005	-	-



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			PED66696	244.05	245.05	1.00	0.00	<0.005	-	-	
			PED66697	245.05	246.05	1.00	0.00	<0.005	-	-	
246.05	251.50	Feature 1	PED66698	246.05	247.00	0.95	0.03	0.033	-	-	
		Type	PED66699	247.00	247.90	0.90	0.23	0.234	-	-	
		Dyke % Thickness Colour Vein	PED66700	247.90	248.90	1.00	0.33	0.328	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED66701	248.90	249.85	0.95	0.02	0.024	-	-	
		QLF: FRA GS0 FOL	PED66702	249.85	250.80	0.95	0.36	0.362	-	-	
		Felsic Dyke; Med Grey/Pinkish; wk-mod bio alteration; mod fol @ 50 TCA; mod fractures predominantly @ ~40 TCA discordant to fol; 2% mm-cm scale smokey grey qtz veinlets predominantly @ 25-40 TCA; LCT @ 30TCA	PED66703	250.80	251.50	0.70	0.17	0.169	-	-	
		Alteration : Type/Intensity/Texture									
		BIO 2 PRV									
251.50	257.20	Feature 1	PED66704	251.50	252.50	1.00	0.18	0.183	-	-	
		Type	PED66705	252.50	253.50	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED66706	253.50	254.30	0.80	0.01	0.009	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED66708	254.30	255.30	1.00	0.02	0.016	-	-	
		QLF: SHD GS1 FOL	PED66709	255.30	256.30	1.00	0.00	<0.005	-	-	
		Talc-Altered Ultramafic; med-dark green; chaotic creamy talcose stringers; moderately silicified throughout; mod-strong S1 fabric @ 30 to 55 TCA; LCT @ 60 TCA	PED66710	256.30	257.20	0.90	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture									
		TLC 3 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
257.20	263.05	Feature 1	PED66711	257.20	257.50	0.30	0.00	<0.005	-	-	-
		Type	PED66712	257.50	258.45	0.95	2.31	2.310	-	-	-
		E1H High_titanium_basalt	PED66713	258.45	259.45	1.00	0.23	0.225	-	-	-
		QLF: MIN GS1 FOL	PED66714	259.45	260.35	0.90	0.18	0.184	-	-	-
		Hi Ti; Dark Green/Black; Aphanitic; 3-5% FG dism Po/Py throughout interval; 1-2% throughout; mod-strong Fol @ 20 TCA; LCT @ 60 TCA	PED66715	260.35	260.85	0.50	0.32	0.322	-	-	-
			PED66716	260.85	261.40	0.55	3.17	3.170	-	-	-
			PED66717	261.40	262.15	0.75	3.03	3.030	-	-	-
		Alteration : Type/Intensity/Texture	PED66719	262.15	263.05	0.90	1.99	1.990	-	-	-
		BIO 2 PRV									
263.05	325.70	Feature 1	PED66720	263.05	264.05	1.00	0.01	0.007	-	-	-
		Type	PED66721	264.05	265.05	1.00	0.01	0.005	-	-	-
		E0T Talc_rich_unit	PED66722	265.05	266.00	0.95	0.00	<0.005	-	-	-
		QLF: GS1 SHD BAN	PED66723	266.00	267.00	1.00	0.00	<0.005	-	-	-
		Talc-Altered Ultramafic; med-dark green; creamy talcose stringers // to S1 @ 40 TCA; Strong shearing // to S1 from 271.45-275.5 m; barren; LCT @ 60/295	PED66725	267.00	268.00	1.00	0.00	<0.005	-	-	-
			PED66726	268.00	268.90	0.90	0.00	<0.005	-	-	-
			PED66727	268.90	269.75	0.85	0.00	<0.005	-	-	-
		Alteration : Type/Intensity/Texture	PED66728	269.75	270.30	0.55	0.00	<0.005	-	-	-
		TLC 3 PRV	PED66730	270.30	271.45	1.15	0.03	0.031	-	-	-
		Structure:	PED66731	271.45	272.45	1.00	0.02	0.022	-	-	-
		271.45 - 275.50 Alpha: 35 Beta: 0	PED66732	272.45	273.10	0.65	0.20	0.204	-	-	-
		Type/GEN/Intensity CA1: CA2:	PED66733	273.10	273.90	0.80	0.12	0.118	-	-	-
		FLT	PED66734	273.90	274.55	0.65	0.01	0.009	-	-	-
		SHD 3 30 45	PED66735	274.55	275.50	0.95	0.09	0.094	-	-	-
			PED66737	275.50	276.15	0.65	0.14	0.141	-	-	-
			PED66738	276.15	276.90	0.75	0.04	0.042	-	-	-



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED66739	276.90	277.70	0.80	0.03	0.026	-	-	
			PED66740	277.70	278.80	1.10	0.00	<0.005	-	-	
			PED66741	278.80	279.80	1.00	0.00	<0.005	-	-	
			PED66742	279.80	280.70	0.90	0.00	<0.005	-	-	
			PED66743	320.10	321.15	1.05	0.00	<0.005	-	-	
			PED66744	321.15	321.55	0.40	0.02	0.023	-	-	
			PED66745	321.55	322.20	0.65	0.01	0.006	-	-	
			PED66746	322.20	323.15	0.95	0.02	0.016	-	-	
			PED66747	323.15	324.15	1.00	0.01	0.006	-	-	
			PED66748	324.15	324.65	0.50	0.24	0.239	-	-	
			PED66750	324.65	324.95	0.30	0.07	0.068	-	-	
			PED66751	324.95	325.70	0.75	0.05	0.045	-	-	
325.70	330.80	Feature 1	PED66752	325.70	326.30	0.60	0.55	0.546	-	-	
		Type	PED66753	326.30	326.95	0.65	3.37	3.370	-	-	
		Dyke	PED66754	326.95	327.90	0.95	2.18	2.180	-	-	
		%	PED66755	327.90	328.65	0.75	4.48	4.480	-	-	
		Thickness	PED66756	328.65	329.10	0.45	0.90	0.900	-	-	
		Colour	PED66758	329.10	330.00	0.90	2.85	2.850	-	-	
		Vein	PED66759	330.00	330.80	0.80	6.80	6.800	-	-	
		E1H High_titanium_basalt									
		QLF: MIN GS1 VND									
		Hi Ti Basalt; Dark Green/Brown to Black; Aphanitic-FG; mostly massive; 7-8% FG dism Po in E1H commonly proximal to 2-3% hairline to mm scale V2A veinlets (see point data for structural measurements); 4 cm creamy V2A from 328.65-329.1 m @ 15/205 TCA; LCT sharp & irregular									
		Alteration :									
		Type/Intensity/Texture									
		AC 1 VND									
		SIL 1 VND									
		BIO 2 PRV									
		Structure:									
		328.65 - 329.10	Alpha: 15	Beta: 205							
		Type/GEN/Intensity	CA1:	CA2:							
		V2_BX 3	15	20							



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Mineralization Maj. : Type/GSZ%/HABIT									
	325.70 - 330.80	PY GS1 1 DIS									
		Comment									
		Dism sulphides in E1H; evenly distributed throughout with slight increase proximal to V2 veining/veinlets									
	325.70 - 330.80	PO GS1 7									
		Dism sulphides in E1H; evenly distributed throughout with slight increase proximal to V2 veining/veinlets									
330.80	339.80	Feature 1	PED66760	330.80	331.10	0.30	0.07	0.065	-	-	
		Type	PED66761	331.10	331.85	0.75	0.08	0.078	-	-	
		E0B Komatiitic_basalt	PED66762	331.85	332.40	0.55	0.18	0.183	-	-	
		QLF: GS1 FOL	PED66763	332.40	333.00	0.60	0.09	0.087	-	-	
		BK; Med-Dark Green/Grey; VFG; mod S1 fabric @ 55/280 TCA; wk talc alteration throughout; trace hairline qtz carb veinlets (see structural data); LCT @ 45/295 TCA	PED66765	333.00	334.00	1.00	0.73	0.730	-	-	
			PED66766	334.00	335.00	1.00	0.30	0.296	-	-	
			PED66767	335.00	336.00	1.00	1.38	1.380	-	-	
		Alteration :	PED66768	336.00	337.00	1.00	0.64	0.635	-	-	
		Type/Intensity/Texture	PED66769	337.00	338.00	1.00	0.12	0.116	-	-	
		TLC 1 PRV	PED66770	338.00	339.00	1.00	0.13	0.129	-	-	
		Structure:	PED66771	339.00	339.80	0.80	0.81	0.812	-	-	
	330.80 - 331.10	Alpha: 15									
		Type/GEN/Intensity									
		V2 2									
		Beta: 125									
		CA1: CA2:									
		15 20									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
339.80	345.30	Feature 1	PED66772	339.80	340.65	0.85	5.55	5.550	-	-
		Type	PED66774	340.65	341.20	0.55	10.46	>10.000	10.46	-
		E1H High_titanium_basalt	PED66775	341.20	341.95	0.75	7.64	7.640	-	-
		QLF:	PED66776	341.95	342.30	0.35	6.65	6.650	-	-
		Hi Ti Basalt; Dark Green/Brown to Black; Aphanitic-FG; mostly massive; 7-8% FG dism Po in E1H commonly proximal to 3-5% mm to cm scale V2A veinlets (see point data for structural measurements); LCT @ 60/345 TCA	PED66777	342.30	342.80	0.50	3.53	3.530	-	-
			PED66779	342.80	343.25	0.45	2.48	2.480	-	-
			PED66780	343.25	343.55	0.30	2.89	2.890	-	-
			PED66781	343.55	344.55	1.00	0.64	0.635	-	-
			PED66782	344.55	345.30	0.75	1.17	1.170	-	-
		Visible Gold :								
		SampleID/Grainsize/Style								
		PED66777 1-2mm Fleck								
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		SIL								
		BIO								
		Structure:								
		342.30 - 343.25 Alpha: 3 Beta: 0								
		Type/GEN/Intensity								
		V2_BX								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		342.30 - 342.80 PY GS1 1 DIS								
		342.30 - 342.80 PO GS1 5 DIS								
		342.30 - 342.80 VG GS1 0.02 FLK								
		Comment								
		VG 6-7 flecks of VG in 1 cluster; Veining sub-// TCA; 5-7 cm Qtz vein with strong angular brecciated E1H Fragments; 4-6% dism Po/Py assoc we edge of fragments								
		VG 6-7 flecks of VG in 1 cluster; Veining sub-// TCA; 5-7 cm Qtz vein with strong angular brecciated E1H Fragments; 4-6% dism Po/Py assoc we edge of fragments								
		VG 6-7 flecks of VG in 1 cluster; Veining sub-// TCA; 5-7 cm Qtz vein with strong angular brecciated E1H Fragments; 4-6% dism Po/Py assoc we edge of fragments								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
345.30	356.00	Feature 1	PED66783	345.30	346.30	1.00	0.67	0.670	-	-	
		Type	PED66784	346.30	347.30	1.00	0.03	0.031	-	-	
		Dyke % Thickness Colour Vein	PED66785	347.30	348.30	1.00	0.03	0.028	-	-	
		I1A Gabbro <input type="checkbox"/> 0 0	PED66786	348.30	349.30	1.00	0.06	0.055	-	-	
		QLF: FOL GS1 ALT	PED66787	349.30	350.25	0.95	0.12	0.115	-	-	
		Gabbro; Med Teal/Blue/Green; VF-FG; wk-mod fol @ 45 to 50 TCA; speckled Bio/Chl alteration throughout; faulted from 351.25-332.7 m; LCT defined by 3 cm sheared V2A @ 20 TCA	PED66788	350.25	351.25	1.00	0.02	0.021	-	-	
		Alteration : Type/Intensity/Texture	PED66789	351.25	351.65	0.40	0.54	0.536	-	-	
		BIO 2 PCH	PED66790	351.65	352.00	0.35	0.27	0.268	-	-	
		CHL 2 PCH	PED66792	352.00	352.70	0.70	0.03	0.030	-	-	
		Structure:	PED66793	352.70	353.15	0.45	0.01	0.012	-	-	
		351.25 - 352.70 Alpha: 60 Beta: 0	PED66794	353.15	354.00	0.85	0.01	0.010	-	-	
		Type/GEN/Intensity CA1: CA2:	PED66795	354.00	355.00	1.00	0.02	0.016	-	-	
		V2A 2 55 60	PED66796	355.00	356.00	1.00	0.08	0.075	-	-	
		FLT 2 55 60									
356.00	359.00	Feature 1	PED66797	356.00	356.70	0.70	2.70	2.700	-	-	
		Type	PED66799	356.70	357.40	0.70	1.68	1.680	-	-	
		Dyke % Thickness Colour Vein	PED66800	357.40	357.90	0.50	0.78	0.777	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED66801	357.90	358.50	0.60	4.65	4.650	-	-	
		QLF: GS2 ALT BRX	PED66802	358.50	359.00	0.50	10.07	>10.000	10.07	-	
		Hi Ti Basalt; Dark Green/Brown to Black; Aphanitic-FG; mostly massive; ~3% FG dism Po in E1H commonly proximal to 5% mm to cm scale V2A veinlets predominantly @ 20 TCA with various beta angles (orientation compromised); LCT defined by 5 cm V2A @ 50 TCA									
		Alteration : Type/Intensity/Texture									
		CHL 2 PRV									
		CB 2 PRV									



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		BIO 2 PRV									
359.00	361.25	Feature 1	PED66803	359.00	360.00	1.00	1.99	1.990	-	-	
		Type	PED66804	360.00	360.65	0.65	0.79	0.794	-	-	
		Dyke % Thickness Colour Vein	PED66805	360.65	361.25	0.60	0.35	0.349	-	-	
		I1A Gabbro <input type="checkbox"/> 0 0									
		QLF: GS1 FOL									
		Gabbro; Med Teal/Blue/Green; VF-FG; wk-mod fol @ 45 to 50 TCA; speckled Bio/Chl alteration throughout; LCT sharp @ 65 TCA									
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 PRV									
		CHL 2 PRV									
361.25	370.40	Feature 1	PED66806	361.25	362.25	1.00	0.09	0.094	-	-	
		Type	PED66807	362.25	363.20	0.95	0.12	0.116	-	-	
		Dyke % Thickness Colour Vein	PED66808	363.20	364.15	0.95	0.05	0.052	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED66810	364.15	365.00	0.85	0.21	0.214	-	-	
		QLF: GS1 ALT FOL	PED66811	365.00	365.90	0.90	0.41	0.406	-	-	
		Hi Ti Basalt; Dark Green to Black; Aphanitic-FG; mostly massive; ~3% FG dism Po in E1H commonly proximal to 5% mm to cm scale smokey V2S veinlets predominantly @ 20 to 35 TCA with various beta angles (orientation compromised); LCT defined by 80 cm sheared V2S @ 55 to 60 TCA	PED66812	365.90	366.90	1.00	1.26	1.260	-	-	
		Alteration :	PED66813	366.90	367.65	0.75	0.48	0.478	-	-	
		Type/Intensity/Texture	PED66814	367.65	368.65	1.00	0.36	0.358	-	-	
		BIO 2 PRV	PED66815	368.65	369.60	0.95	1.14	1.140	-	-	
		Structure:	PED66816	369.60	370.10	0.50	2.67	2.670	-	-	
		369.60 - 370.40 Alpha: 55 Beta: 0	PED66817	370.10	370.40	0.30	2.10	2.100	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity									
		SHD 2									
		V2A 2									
		CA1: CA2:									
		30 55									
		55 65									
370.40	419.60	Feature 1	PED66819	370.40	370.95	0.55	0.03	0.025	-	-	
		Type	PED66820	370.95	372.05	1.10	0.02	0.015	-	-	
		Dyke % Thickness Colour Vein	PED66821	372.05	373.00	0.95	0.10	0.102	-	-	
		I1A Gabbro □ 0 0	PED66822	390.30	391.30	1.00	0.51	0.511	-	-	
		QLF:	PED66823	391.30	391.85	0.55	0.03	0.034	-	-	
		Gabbro; Med Teal/Blue/Green; VF-FG; wk-mod fol @ 45 to 50 TCA; speckled Bio/Chl alteration throughout; LCT sharp @ 50 TCA	PED66825	391.85	392.25	0.40	0.02	0.018	-	-	
		Alteration :	PED66826	392.25	393.00	0.75	0.01	0.008	-	-	
		Type/Intensity/Texture	PED66827	393.00	393.80	0.80	0.04	0.038	-	-	
		AMP	PED66828	393.80	394.35	0.55	0.04	0.037	-	-	
		SIL	PED66829	394.35	395.35	1.00	0.00	<0.005	-	-	
		BIO	PED66831	395.35	396.35	1.00	0.02	0.015	-	-	
		Structure:	PED66832	396.35	397.35	1.00	0.01	0.010	-	-	
		393.00 - 393.80 Alpha: 30 Beta: 0	PED66833	397.35	398.35	1.00	0.02	0.022	-	-	
		Type/GEN/Intensity	PED66834	398.35	399.25	0.90	0.02	0.015	-	-	
		V1 2	PED66835	399.25	400.20	0.95	0.14	0.143	-	-	
		CA1: CA2:	PED66836	400.20	400.95	0.75	0.08	0.084	-	-	
		15 30	PED66837	400.95	401.95	1.00	0.23	0.232	-	-	
		Mineralization Maj. :	PED66839	401.95	402.65	0.70	0.15	0.146	-	-	
		Type/GSZ%/HABIT	PED66840	402.65	403.65	1.00	0.04	0.044	-	-	
		414.30 - PY GS1 1 DIS	PED66841	403.65	404.50	0.85	0.21	0.207	-	-	
		416.60	PED66842	404.50	405.50	1.00	0.18	0.182	-	-	
		414.30 - PO GS1 3 DIS	PED66843	405.50	406.45	0.95	0.38	0.378	-	-	
		416.60									
		Comment									
		FG dism sulphides in altered gabbro									
		FG dism sulphides in altered gabbro									



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Hole Number **305-17-22**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED66845	406.45	407.45	1.00	0.05	0.046	-	-	
			PED66846	407.45	408.25	0.80	0.09	0.090	-	-	
			PED66847	408.25	408.55	0.30	0.64	0.636	-	-	
			PED66848	408.55	409.30	0.75	0.40	0.401	-	-	
			PED66849	409.30	410.30	1.00	0.42	0.416	-	-	
			PED66850	410.30	411.30	1.00	0.11	0.105	-	-	
			PED66851	411.30	412.15	0.85	0.05	0.054	-	-	
			PED66852	412.15	412.70	0.55	0.05	0.050	-	-	
			PED66853	412.70	413.40	0.70	0.05	0.047	-	-	
			PED66854	413.40	414.30	0.90	0.15	0.145	-	-	
			PED66855	414.30	415.00	0.70	0.13	0.129	-	-	
			PED66857	415.00	416.00	1.00	0.10	0.103	-	-	
			PED66858	416.00	416.60	0.60	0.02	0.021	-	-	
			PED66859	416.60	417.60	1.00	0.09	0.086	-	-	
			PED66860	417.60	418.60	1.00	0.10	0.102	-	-	
			PED66861	418.60	419.60	1.00	0.07	0.073	-	-	
419.60	428.90	Feature 1	PED66862	419.60	420.60	1.00	0.01	0.008	-	-	
		Type	PED66863	420.60	421.25	0.65	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED66864	421.25	422.00	0.75	0.00	<0.005	-	-	
		I1 Mafic_intrusive <input type="checkbox"/> 0 0	PED66866	422.00	423.00	1.00	0.00	<0.005	-	-	
		QLF: GSO MAS MIN	PED66867	423.00	423.95	0.95	0.00	<0.005	-	-	
		Mafic Dyke; Black/Dark Grey; Aphanitic-VFG; massive; 1-2% calcite stringers; 2% Po fracture-infilling within unit; LCT @ 30 TCA	PED66868	423.95	424.90	0.95	0.00	<0.005	-	-	
			PED66869	424.90	425.80	0.90	0.01	0.007	-	-	
			PED66870	425.80	426.80	1.00	0.00	<0.005	-	-	
			PED66872	426.80	427.90	1.10	0.01	0.007	-	-	
			PED66873	427.90	428.90	1.00	0.01	0.007	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT									
		423.95 - PY GS1 1									
		428.90	Comment								
			dism sulphides/fracture infilling within mafic dyke								



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	423.95 - 428.90	PO GS1 2 DIS dism sulphides/fracture infilling within mafic dyke									
428.90	431.00	Feature 1	PED66874	428.90	430.00	1.10	0.12	0.116	-	-	
		Type	PED66875	430.00	431.00	1.00	0.24	0.236	-	-	
		I1A Gabbro									
		QLF: GS1 FOL									
		Gabbro; Dark Green; VF-FG; mod fol @ 40 TCA; speckled Bio/Chl alteration throughout; LCT sharp @ 70 TCA									
431.00	437.95	Feature 1	PED66876	431.00	432.00	1.00	0.01	0.006	-	-	
		Type	PED66877	432.00	433.00	1.00	0.00	<0.005	-	-	
		I1 Mafic_intrusive	PED66878	433.00	434.00	1.00	0.01	0.014	-	-	
		QLF: GS1 MAS	PED66880	434.00	435.00	1.00	0.01	0.006	-	-	
		Mafic Dyke; Black/Dark Grey; VFG; massive; 1-2% calcite stringers; 1% Po fracture-infilling within unit; LCT @ 30 TCA	PED66881	435.00	436.00	1.00	0.02	0.021	-	-	
		Alteration :	PED66882	436.00	437.00	1.00	0.05	0.050	-	-	
		Type/Intensity/Texture	PED66883	437.00	437.95	0.95	0.01	0.012	-	-	
		CB 1 PRV									
437.95	439.25	Feature 1	PED66884	437.95	438.90	0.95	0.01	0.012	-	-	
		Type	PED66885	438.90	439.25	0.35	0.01	0.008	-	-	
		I1A Gabbro									
		QLF: GS1 FOL									



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Hole Number **305-17-22**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
<p>Gabbro; Dark Green; VF-FG; mod fol @ 40 TCA; speckled Bio/Chl alteration throughout; translucent qtz veining from 438.9-439.25; LCTdefined by vein @ 25 TCA</p> <p>Alteration : Type/Intensity/Texture CHL 1 PRV</p> <p>Structure: 438.90 - 439.25 Alpha: 25 Beta: 0 Type/GEN/Intensity CA1: CA2: V2 2 25 30</p>											
439.25	441.15	Feature 1	PED66887	439.25	440.20	0.95	0.04	0.040	-	-	
		Type	Dyke	%	Thickness	Colour	Vein	0.00	<0.005	-	-
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0						
		<p>QLF: GS1 MAS Mafic Dyke; Black/Dark Grey; VFG; massive; 1-2% calcite stringers; 1% Po fracture-infilling within unit; LCT @ 40 TCA</p>									
441.15	450.00	Feature 1	PED66889	441.15	442.00	0.85	0.02	0.015	-	-	
		Type	Dyke	%	Thickness	Colour	Vein				
		I1A Gabbro	<input type="checkbox"/>	0	0						
		<p>QLF: GS1 FOL Gabbro; Dark Green; VF-FG; mod fol @ 40 TCA; speckled Bio/Chl alteration throughout; translucent qtz veining from LCTdefined by vein @ 25 TCA</p>									



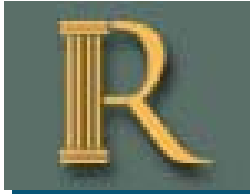
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-22

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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DRILL HOLE REPORT

Hole Number **305-17-23**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 129.85	Length: 0	Dimension: NQ	Township: Bateman	Logged by: W. Ahmad
Dip: -29.97	Pulled:	Storage: Core Farm	Claim No.: KRL18375, K	Relog by:
Length: 501	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 01-Jul-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 10-Jul-17				Surveyed: yes
Logged: 07-Aug-17				Surveyed by: Mark Cottrell

Comment:	Coordinate - Gemcom	Coordinate - UTM
	East: 10221.258	East: 448365.82
	North: 50058.692	North: 5663847.9
	Elev.: 5067.11	Elev.: 67.11
		Zone: 15N NAD: NAD83

Geophysics:

Geophysic Contractor:

Left in hole:

Making water: no

Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	129.85	-29.97	C	<input checked="" type="checkbox"/>	
0.10	130.00	-29.97	Gyro	<input checked="" type="checkbox"/>	
10.10	129.75	-29.76	Gyro	<input checked="" type="checkbox"/>	
15.00	132.87	-29.98	DeviShot	<input type="checkbox"/>	Replaced by gyro
20.10	129.69	-29.95	Gyro	<input checked="" type="checkbox"/>	
30.10	129.66	-30.17	Gyro	<input checked="" type="checkbox"/>	
40.10	129.65	-30.28	Gyro	<input checked="" type="checkbox"/>	
50.10	129.68	-30.36	Gyro	<input checked="" type="checkbox"/>	
51.00	131.97	-30.51	DeviShot	<input type="checkbox"/>	Replaced by gyro
60.10	129.68	-30.55	Gyro	<input checked="" type="checkbox"/>	
70.10	129.66	-30.81	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	129.69	-31.22	Gyro	<input checked="" type="checkbox"/>	
90.10	129.73	-31.45	Gyro	<input checked="" type="checkbox"/>	
100.10	129.77	-31.65	Gyro	<input checked="" type="checkbox"/>	
105.00	133.18	-32.11	DeviShot	<input type="checkbox"/>	Replaced by gyro
110.10	129.84	-31.93	Gyro	<input checked="" type="checkbox"/>	
120.10	129.90	-32.13	Gyro	<input checked="" type="checkbox"/>	
130.10	129.87	-32.23	Gyro	<input checked="" type="checkbox"/>	
140.10	129.78	-32.29	Gyro	<input checked="" type="checkbox"/>	
150.00	134.33	-32.31	DeviShot	<input type="checkbox"/>	Replaced by gyro
150.10	129.82	-32.33	Gyro	<input checked="" type="checkbox"/>	
160.10	129.90	-32.36	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-23

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
170.10	129.84	-32.37	Gyro	<input checked="" type="checkbox"/>	
180.10	129.80	-32.48	Gyro	<input checked="" type="checkbox"/>	
190.10	129.80	-32.64	Gyro	<input checked="" type="checkbox"/>	
200.10	129.80	-32.73	Gyro	<input checked="" type="checkbox"/>	
201.00	132.55	-32.96	DeviShot	<input type="checkbox"/>	Replaced by gyro
210.10	129.75	-32.83	Gyro	<input checked="" type="checkbox"/>	
220.10	129.71	-32.88	Gyro	<input checked="" type="checkbox"/>	
230.10	129.67	-32.87	Gyro	<input checked="" type="checkbox"/>	
240.10	129.70	-32.82	Gyro	<input checked="" type="checkbox"/>	
250.10	129.73	-32.74	Gyro	<input checked="" type="checkbox"/>	
252.00	132.48	-32.80	DeviShot	<input type="checkbox"/>	Replaced by gyro
260.10	129.79	-32.66	Gyro	<input checked="" type="checkbox"/>	
270.10	129.87	-32.57	Gyro	<input checked="" type="checkbox"/>	
280.10	129.90	-32.51	Gyro	<input checked="" type="checkbox"/>	
290.10	129.94	-32.43	Gyro	<input checked="" type="checkbox"/>	
300.00	132.03	-32.66	DeviShot	<input type="checkbox"/>	Replaced by gyro
300.10	129.98	-32.32	Gyro	<input checked="" type="checkbox"/>	
310.10	129.97	-32.27	Gyro	<input checked="" type="checkbox"/>	
320.10	130.01	-32.26	Gyro	<input checked="" type="checkbox"/>	
330.10	130.06	-32.22	Gyro	<input checked="" type="checkbox"/>	
340.10	130.01	-32.21	Gyro	<input checked="" type="checkbox"/>	
350.10	129.98	-32.24	Gyro	<input checked="" type="checkbox"/>	
351.00	132.16	-32.17	DeviShot	<input type="checkbox"/>	Replaced by gyro
360.10	129.98	-32.29	Gyro	<input checked="" type="checkbox"/>	
370.10	129.93	-32.30	Gyro	<input checked="" type="checkbox"/>	
380.10	129.84	-32.33	Gyro	<input checked="" type="checkbox"/>	
390.10	129.79	-32.43	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
400.10	129.80	-32.51	Gyro	<input checked="" type="checkbox"/>	
402.00	132.30	-32.53	DeviShot	<input type="checkbox"/>	Replaced by gyro
410.10	129.84	-32.63	Gyro	<input checked="" type="checkbox"/>	
420.10	129.88	-32.71	Gyro	<input checked="" type="checkbox"/>	
430.10	129.77	-32.69	Gyro	<input checked="" type="checkbox"/>	
440.10	129.52	-32.67	Gyro	<input checked="" type="checkbox"/>	
450.10	129.39	-32.69	Gyro	<input checked="" type="checkbox"/>	
453.00	126.90	-32.66	DeviShot	<input type="checkbox"/>	No good; Replaced by gyro
460.10	129.36	-32.69	Gyro	<input checked="" type="checkbox"/>	
470.10	129.39	-32.72	Gyro	<input checked="" type="checkbox"/>	
501.00	131.75	-32.49	DeviShot	<input type="checkbox"/>	Replaced by gyro



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
0.00	123.88	Feature 1	PED65051	120.00	121.00	1.00	0.00	<0.005	-	-
		Type	PED65052	121.00	122.00	1.00	0.00	<0.005	-	-
		Dyke % Thickness Colour Vein	PED65053	122.00	123.00	1.00	0.00	<0.005	-	-
		E0T Talc_rich_unit <input type="checkbox"/> 98 0 GND	PED65054	123.00	123.88	0.88	0.06	0.059	-	-
		QLF: FOL ALT FRA								
		<p>Komatiitic Basalt (Talc altered): Greenish grey fine to medium grained , talc rich Ultramafic unit. The intensity of talc alteration is variable from very high where the core surface is pitted white, to bands where chlorite and serpentine is present with little talc. The unit is generally foliated and with fractures @ 15-45 tca. Local shearing is evident by foliated bands and qtz-carb-act veining/ stringers. The section 9-9.34 m is sheared foliated @15-20 tca and contains qtz veining @ 60-80 tca. The core 14.60-15.00 m is broken sheared with core loss. Quartz -carb-actionlite vein (1-2%) are sparse 1-3 cm thick described in structure tab. The section contains sporadic serpetinite veins i.e at 14.59 m@55tca.The section 19.18-23.30 m is Komattitic Basalt is fine to medium grained , massive with pervasive .chlorite alteration and very minor talc alteration section 16-18 has got tal-carbonate alteration. No sulfides noted. The section10-11.25 m may be a dyke. Broken core at14.60-15.00 m.The section 51-60 m is foliated sheared , with frequent broken core. The qtz-carb veinlets 1-2%are along foliation and shearing at 25-35 Tca.. Crushed broken core between 72-77 m and 87-92 m with foliation and shearing @35, 40 to 55 tca. The section 81-85 m is also foliate d weakly sheared @ 25, 35, to 35 Tca. Hair line to mm size qtz-tremolite, serpetine variable veining along foliation. Qtz-carb veinin 1-2 mm size 1-2% 94-102 m .Moderate to strong talc alteration between 68-85 m and the talc alteration. The section 98-105 m is sheared foliated at 25-30Tca.. Qtz-carb veining from 103-108 m3-4% 0.5-4 cm thick@30-40Tca.. Shear zone from115.0-118.0 m with broken core. Sharp lower contact at 123.88@45 Tca sample PED65193.</p>								
		<p>Alteration : Type/Intensity/Texture</p> <p>BIO 1 LOC</p> <p>CHL 3 PRV</p> <p>TLC 3 PRV</p>								
		<p>Structure:</p> <p>2.45 - 2.45 Alpha: 20 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 20px;">FRA</p> <p>3.24 - 3.24 Alpha: 30 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 20px;">FOL</p>								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	6.27 - 6.27	Alpha: 20 Type/GEN/Intensity FOL V3								
	7.63 - 7.63	Alpha: 35 Type/GEN/Intensity FRA								
	7.96 - 8.08	Alpha: 45 Type/GEN/Intensity V2A								
	8.58 - 8.68	Alpha: 60 Type/GEN/Intensity V2A								
	9.00 - 9.14	Alpha: 80 Type/GEN/Intensity V2A SHD								
	10.00 - 11.25	Alpha: 45 Type/GEN/Intensity CD								
	11.30 - 12.00	Alpha: 20 Type/GEN/Intensity SHD V2A								
	13.94 - 13.94	Alpha: 30 Type/GEN/Intensity FRA								
	14.43 - 14.43	Alpha: 45 Type/GEN/Intensity FOL								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	14.50 - 14.55	Alpha: 50 Type/GEN/Intensity CV								
	14.59 - 14.60	Alpha: 55 Type/GEN/Intensity V								
	19.56 - 19.56	Alpha: 35 Type/GEN/Intensity FOL								
	21.23 - 21.24	Alpha: 55 Type/GEN/Intensity V2A								
	23.30 - 23.30	Alpha: 20 Type/GEN/Intensity FRA								
	29.42 - 29.42	Alpha: 30 Type/GEN/Intensity FOL								
	40.00 - 40.50	Alpha: 10 Type/GEN/Intensity V3								
	40.90 - 40.93	Alpha: 75 Type/GEN/Intensity V3								
	43.50 - 43.51	Alpha: 30 Type/GEN/Intensity V3								
	43.75 - 43.77	Alpha: 40 Type/GEN/Intensity V3								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	44.14 - 44.30	Alpha: 15 Type/GEN/Intensity V3								
	51.00 - 60.00	Alpha: 30 Type/GEN/Intensity SHD 3 FOL 3				25 35				
	55.50 - 55.50	Alpha: 30 Type/GEN/Intensity FOL SHD				30				
	55.64 - 55.64	Alpha: 35 Type/GEN/Intensity FOL SHD				35				
	59.14 - 59.30	Alpha: 25 Type/GEN/Intensity SHD V3				25				
	60.35 - 60.43	Alpha: 25 Type/GEN/Intensity V3								
	60.44 - 60.44	Alpha: 40 Type/GEN/Intensity FOL								
	63.75 - 63.83	Alpha: 45 Type/GEN/Intensity V2A				40 50				



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	63.84 - 63.84	Alpha: 40 Type/GEN/Intensity FOL								
	65.23 - 65.25	Alpha: 50 Type/GEN/Intensity V3								
	65.30 - 65.38	Alpha: 35 Type/GEN/Intensity V3								
	75.55 - 77.55	Alpha: 40 Type/GEN/Intensity FOL FRA								
	75.78 - 75.78	Alpha: 35 Type/GEN/Intensity FRA								
	75.78 - 75.81	Alpha: 35 Type/GEN/Intensity V3								
	77.86 - 77.86	Alpha: 35 Type/GEN/Intensity FRA								
	81.38 - 81.38	Alpha: 25 Type/GEN/Intensity FOL V								
	82.24 - 82.24	Alpha: 25 Type/GEN/Intensity FOL								



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Hole Number **305-17-23**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
	82.80 - 82.81	Alpha: 35 Type/GEN/Intensity V3									
	84.34 - 84.40	Alpha: 25 Type/GEN/Intensity V									
	89.24 - 89.25	Alpha: 30 Type/GEN/Intensity V3									
	89.40 - 90.00	Alpha: Type/GEN/Intensity CB									
	94.83 - 94.86	Alpha: 45 Type/GEN/Intensity V3									
	94.92 - 94.92	Alpha: 35 Type/GEN/Intensity FRA									
	95.16 - 95.30	Alpha: 35 Type/GEN/Intensity CV CV									
						40					
	97.84 - 97.87	Alpha: 70 Type/GEN/Intensity V2A									
						65 70					
	98.00 - 105.00	Alpha: 30 Type/GEN/Intensity SHD									
						25 30					



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	98.60 - 98.66	Alpha: 30 Type/GEN/Intensity V3								
	98.73 - 98.84	Alpha: 45 Type/GEN/Intensity V3								
	99.43 - 99.44	Alpha: 30 Type/GEN/Intensity V3								
	99.48 - 99.49	Alpha: 35 Type/GEN/Intensity V3								
	99.63 - 99.68	Alpha: 35 Type/GEN/Intensity V3								
	101.00 - 101.20	Alpha: 20 Type/GEN/Intensity V3 FOL								
	104.10 - 104.11	Alpha: 20 Type/GEN/Intensity V3 FOL								
	104.20 - 104.20	Alpha: 30 Type/GEN/Intensity FOL								
	107.14 - 107.15	Alpha: 30 Type/GEN/Intensity V3 FOL								



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	107.35 - 107.45	Alpha: 20 Type/GEN/Intensity V3 FOL	Beta: 320 CA1: CA2: 20							
	108.12 - 108.12	Alpha: 40 Type/GEN/Intensity V3	Beta: 30 CA1: CA2:							
	108.26 - 108.27	Alpha: 40 Type/GEN/Intensity V3 FOL	Beta: 330 CA1: CA2: 40							
	108.90 - 108.92	Alpha: 20 Type/GEN/Intensity V3 FOL	Beta: 335 CA1: CA2:							
	111.85 - 112.04	Alpha: 20 Type/GEN/Intensity V3 FOL	Beta: 160 CA1: CA2: 20							
	115.00 - 118.00	Alpha: 32 Type/GEN/Intensity SHD	Beta: 0 CA1: CA2: 25 40							
	115.65 - 115.65	Alpha: 40 Type/GEN/Intensity FRA	Beta: 15 CA1: CA2:							
	115.72 - 115.73	Alpha: 35 Type/GEN/Intensity V3	Beta: 15 CA1: CA2:							



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
137.80	147.43	Feature 1	PED65072	137.80	139.00	1.20	0.01	0.008	-	-	
		Type	PED65073	139.00	140.00	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED65074	140.00	141.00	1.00	0.02	0.017	-	-	
		QLF: FOL SHD VND	PED65075	141.00	142.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt(Tac rich unit). Greenish grey, fine to medium grained variably talc, carbonate and chlorite altered from moderate to strong. Talc is pervasive while carbonate is in the form of carbonate and qtz-carbonate veinlets from mm size to 1 cm size ranging from 1 to 2 %.The alph angle for veinlets vary from 25, 35, to 50Tca. The upper and lower contacts are sharp.@ 60 tca and 50 tca.The core is oriented and veillets are documented in the excel speard sheet. No sig sulfides noted.	PED65077	142.00	143.00	1.00	0.00	<0.005	-	-	
			PED65078	143.00	144.00	1.00	0.00	<0.005	-	-	
			PED65079	144.00	145.00	1.00	0.00	<0.005	-	-	
			PED65080	145.00	146.00	1.00	0.00	<0.005	-	-	
		Alteration :	PED65081	146.00	146.70	0.70	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED65082	146.70	147.43	0.73	0.10	0.104	-	-	
		CHL 3 PRV									
		CB 3 VND									
		TLC 3 PRV									
		Structure:									
		137.80 - 137.80 Alpha: 60 Beta: 330									
		Type/GEN/Intensity CA1: CA2:									
		CS									
147.43	153.35	Feature 1	PED65083	147.43	148.00	0.57	0.32	0.316	-	-	
		Type	PED65084	148.00	149.00	1.00	0.12	0.117	-	-	
		I3 Felsic_intrusive	PED65086	149.00	150.00	1.00	0.20	0.199	-	-	
		QLF: MAS VND GS1	PED65087	150.00	151.00	1.00	0.24	0.244	-	-	
		Felsic Dyke(Intrusive). Fine to medium grained, light greyish , whitish to light brownish white, massive. The unit is sercrite, biotite ,to silica altered. Biotite chlorite make spotty to hairline randomly orinted veinlets 3-5%. Local disseminated phyrrotite and Pyrite 0.5-1%. Qtz- qtz -carb and Qtz -chl veinlets 2-5% 0.5-2 cm thick. Dark black biotite -chlo-tourmaline veins locally 148-148.40 m and 19-149.10 m contain fg 0.5% py/po. Sharp lower contact with Talc rich komatiitic basalt @50Tca alpha and 220 Beta.	PED65088	151.00	152.00	1.00	0.27	0.273	-	-	
			PED65089	152.00	152.70	0.70	0.31	0.310	-	-	
			PED65090	152.70	153.35	0.65	0.30	0.302	-	-	
		Alteration :									
		Type/Intensitiv/Texture									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>Alteration :</p> <p>CHL 3 VND SIL 3 PRV BIO 2 FF</p> <p>Structure:</p> <p>147.43 - 147.43 Alpha: 50 Beta: 360 Type/GEN/Intensity CA1: CA2: CS</p> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <p>147.43 - 150.00 PY GS1 0.5 DIS dark black biotite tourmaline veins 148-148.50 m and 149-149.10 m contains bleby Po and py 0.5%-1% and to be checked for Au</p> <p>147.43 - 150.00 PO GS1 0.5 DEF dark black biotite tourmaline veins 148-148.50 m and 149-149.10 m contains bleby Po and py 0.5%-1% and to be checked for Au</p> <p>150.00 - 153.35 PY GS1 0.5 3-5% qtz, veins 0.5-2 cm thick sparse diss po/py/0.5-1 %</p> <p>150.00 - 153.35 PO GS1 0.5 DIS 3-5% qtz, veins 0.5-2 cm thick sparse diss po/py/0.5-1 %</p>									
153.35	154.00	Feature 1	PED65091	153.35	154.00	0.65	1.52	1.520	-	-	
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: SHD ALT FOL</p> <p>Komatiitic Basalt(talc rich unit). Greenish grey, fine to medium grained variably talc, carbonate and chlorite altered .carbonate in the form of qtz-carb veining 2-3% mm size to 0.5 cm thick.The upper contact is @50 alpha and 220 Beta sharp with a altered silicified band in E0T 153.35-153.56 m which has sharp contact @40Tca and beta 250 degree.This band is a gradational or transitional band between felsic dyke and E.OT band. The core 153.89-154 m is broken and shaered</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 2 PRV</p>									
		<p>Dyke % Thickness Colour Vein</p> <p>□ 0 0 GND</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 2 BAN CB 3 PRV									
		Structure: 153.56 - 154.00 Alpha: 40 Beta: 250 Type/GEN/Intensity CA1: CA2: CS									
154.00	159.77	Feature 1	PED65092	154.00	155.00	1.00	0.50	0.499	-	-	
		Type	PED65093	155.00	156.00	1.00	0.71	0.714	-	-	
		I3 Felsic_intrusive	PED65094	156.00	157.00	1.00	0.32	0.321	-	-	
		QLF: MAS GS1 ALT	PED65096	157.00	158.00	1.00	0.47	0.472	-	-	
		Felsic Dyke(Intrusive). Fine to medium grained, light greyish , whitish to light brownish white, massive. The unit is sercite, biotite ,to silica altered. Biotite chlorite make spotty to hairline veinlets along fractures 3-5%. The silicified bands whitish and make 40% with Qtz veins 1 to 3 cm thick and 30 cm long. Biotite rich bands are brownish in color and make around 60%. Chlorite veinlets are greenish and make fracture fills and veinlets. Trace to 0.5% po and py disseminated as well along chl-carb veinlets. The interval 156.62-156.90 m has two parallel white quartz veins 1-3 cm thick and @20-25Tca 25-28 cm long contains fg trace to 0.5% Po along fractures	PED65097	158.00	159.00	1.00	0.32	0.319	-	-	
			PED65098	159.00	159.77	0.77	0.55	0.553	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 VND									
		SIL 3 VND									
		BIO 3 BAN									
		Structure: 154.00 - 154.01 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CB									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	155.14 - 155.24	Alpha: 15 Type/GEN/Intensity V2A V2	Beta: 0 CA1: CA2: 10 15 25 30							
	156.62 - 156.90	Alpha: 20 Type/GEN/Intensity V2 V2	Beta: 0 CA1: CA2: 15 20 25 50							
	157.30 - 157.31	Alpha: 75 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:							
	157.44 - 157.44	Alpha: 75 Type/GEN/Intensity BAN	Beta: 0 CA1: CA2:							
	157.50 - 157.58	Alpha: 40 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:							
	157.80 - 157.81	Alpha: 50 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:							
	Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	156.00 - 157.00	PO GS1 0.5	The interval 156.62-156.90 m has two parallel white quartz veins 1-3 cm thick and @20-25Tca 25-28 cm long contains fg trave Po trace -0.5%along fractures							
	157.00 - 158.00	PY GS1 0.2 DIS								
	157.00 - 158.00	PO GS1 0.5 DIS								
	159.00 - 159.77	PY GS1 0.1 DIS								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	159.00 - 159.77	PO GS1 0.4 DIS									
159.77	164.65	Feature 1	PED65099	159.77	161.00	1.23	0.04	0.037	-	-	
		Type	PED65100	161.00	162.00	1.00	0.02	0.020	-	-	
		E0B Komatiitic_basalt	PED65101	162.00	162.90	0.90	0.04	0.041	-	-	
		QLF: MAS GS1 FOL	PED65102	162.90	164.00	1.10	0.02	0.015	-	-	
		Komatiitic Basalt. Fine to medium grained, massive to weakly foliated, dark greenish. Weakly chlorite biotite altered appearing along foliation. Carbonate are in the form of carbonate, qtz carb-chl veins. Very weak carb pervasive alteration. no sig sulfide seen. The upper contact is at 35 tca and lower at 70 tca. This unit because of its massive nature, sharp contacts may be mafic or gabbroic dyke	PED65103	164.00	164.65	0.65	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CB 2 VND									
		CHL 2 BAN									
		BIO 1 FF									
		Structure:									
	159.77 - 159.77	Alpha: 35 Type/GEN/Intensity CS									
	160.10 - 160.10	Alpha: 45 Type/GEN/Intensity V3									
	160.35 - 160.35	Alpha: 55 Type/GEN/Intensity FRA									
	162.24 - 162.37	Alpha: 30 Type/GEN/Intensity V3									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	162.62 - 162.72	Alpha: 25 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2:									
	162.97 - 163.07	Alpha: 45 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 4550									
	163.14 - 163.14	Alpha: 35 Type/GEN/Intensity FRA									
		Beta: 0 CA1: CA2:									
164.65	175.00	Feature 1									
		Type									
		Dyke % Thickness Colour Vein									
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 GND	PED65104	164.65	165.40	0.75	0.01	0.010	-	-	
		QLF: FOL ALT SHD	PED65106	165.40	166.00	0.60	0.00	<0.005	-	-	
		Komatiitic Basalt (Talc altered): Greenish grey fine to medium grained , talc rich Ultramafic unit. The intensity of talc, chlorite and carbonate alteration is variable. The talc and carbonate veining is more frequent in the section from 164.65- 175m. The qtz-carb veining is 7-10% 1 cm to 10 cm thick veins. The section 164.65-168 m also contain qtz-carb serpentine veins which are greenish in color range 30-50Tca. Along foliation 25-35tca	PED65107	166.00	167.00	1.00	0.01	0.008	-	-	
		Alteration :	PED65108	167.00	168.00	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED65109	168.00	169.00	1.00	0.01	0.011	-	-	
		CHL 3 PRV	PED65110	169.00	170.00	1.00	0.00	<0.005	-	-	
		CB 3 VND	PED65111	170.00	171.00	1.00	0.00	<0.005	-	-	
		Structure:	PED65112	171.00	172.00	1.00	0.00	<0.005	-	-	
	164.65 - 164.65	Alpha: 70 Type/GEN/Intensity CS	PED65113	172.00	173.00	1.00	0.00	<0.005	-	-	
		Beta: 0 CA1: CA2:	PED65114	173.00	174.00	1.00	0.00	<0.005	-	-	
			PED65116	174.00	175.00	1.00	0.00	<0.005	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	164.70 - 164.70	Alpha: 35 Type/GEN/Intensity FOL									
	164.72 - 164.72	Alpha: 55 Type/GEN/Intensity V3									
	165.05 - 165.20	Alpha: 35 Type/GEN/Intensity V3									
	165.21 - 165.25	Alpha: 30 Type/GEN/Intensity V3 FOL									
	165.30 - 165.32	Alpha: 50 Type/GEN/Intensity V3									
	165.44 - 165.44	Alpha: Type/GEN/Intensity FOL									
	166.45 - 166.50	Alpha: 30 Type/GEN/Intensity V3									
	166.62 - 166.65	Alpha: 50 Type/GEN/Intensity V2A									
	167.27 - 167.27	Alpha: 55 Type/GEN/Intensity FRA									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	167.30 - 167.31	Alpha: 30 Type/GEN/Intensity V3 FOL									
	167.44 - 167.46	Alpha: 35 Type/GEN/Intensity V2A									
	167.54 - 167.55	Alpha: 45 Type/GEN/Intensity V3									
	167.73 - 167.74	Alpha: 40 Type/GEN/Intensity V3									
	167.80 - 168.00	Alpha: 20 Type/GEN/Intensity V3									
	168.20 - 168.22	Alpha: 30 Type/GEN/Intensity V3									
	168.32 - 168.34	Alpha: 40 Type/GEN/Intensity V3									
	168.38 - 168.38	Alpha: 50 Type/GEN/Intensity FRA									
	168.58 - 168.78	Alpha: 30 Type/GEN/Intensity V3									



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	169.11 - 169.11	Alpha: 30 Type/GEN/Intensity FRA								
	169.23 - 169.23	Alpha: 50 Type/GEN/Intensity FRA								
	169.43 - 169.43	Alpha: 45 Type/GEN/Intensity FRA								
	170.58 - 170.58	Alpha: 25 Type/GEN/Intensity FOL								
	171.12 - 171.34	Alpha: 45 Type/GEN/Intensity V3								
	171.62 - 171.66	Alpha: 56 Type/GEN/Intensity V3								
	174.47 - 174.55	Alpha: 25 Type/GEN/Intensity V3								
	174.60 - 174.64	Alpha: 20 Type/GEN/Intensity V3								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
175.00	195.78	Feature 1	PED65117	184.60	185.10	0.50	0.00	<0.005	-	-	-
		Type	PED65118	185.10	185.60	0.50	0.00	<0.005	-	-	-
		E0T Talc_rich_unit	PED65119	185.60	186.60	1.00	0.00	<0.005	-	-	-
		QLF: FOL SHD	PED65120	193.00	194.00	1.00	0.00	<0.005	-	-	-
		Komatiitic Basalt (Talc altered): Greenish grey fine to medium grained , talc rich Ultramafic unit. The intensity of talc alteration is variable. Section 184.60-185.60 m has got quartz-carb veinlets 20-30%. The vein 185.15-185.30 m has got a CG bleb of chalcopryrite. The section sampled. The section 193-195.78 m contains 3-5% qtz-carn veinlet @15-30 tca. The section at the contact zone 195.48-195.95 m is sheared and foliated @10-45 tca. The contact being at low angle 10-15tca is cut in the middle. At 195.78 m..	PED65121	194.00	195.00	1.00	0.00	<0.005	-	-	-
			PED65122	195.00	195.78	0.78	0.00	<0.005	-	-	-
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		TLC									
		CHL 3 PRV									
		Structure:									
	177.57 - 177.57	Alpha: 0 Type/GEN/Intensity FRA	Beta: 0 CA1: CA2:								
	177.80 - 177.87	Alpha: 45 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:								
	185.15 - 185.30	Alpha: 20 Type/GEN/Intensity V3	Beta: 0 CA1: CA2:								
	192.78 - 192.88	Alpha: 30 Type/GEN/Intensity V3	Beta: 0 CA1: CA2:								
	193.45 - 193.70	Alpha: 20 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 15 25								



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	193.90 - 193.98	Alpha: 25 Type/GEN/Intensity V2_E V3								
		Beta: 0 CA1: CA2: 45								
	194.30 - 194.30	Alpha: 55 Type/GEN/Intensity FRA								
		Beta: 0 CA1: CA2:								
	195.10 - 195.11	Alpha: 15 Type/GEN/Intensity FRA V3								
		Beta: 0 CA1: CA2: 15								
	195.48 - 195.48	Alpha: 45 Type/GEN/Intensity FOL								
		Beta: 0 CA1: CA2:								
	195.60 - 195.60	Alpha: 20 Type/GEN/Intensity FOL FRA								
		Beta: 0 CA1: CA2: 10 20								
	Mineralization Maj. :	Type/GSZ%/HABIT								
	185.10 - 185.60	CP GS2 0.5 BLB								
			Comment							
			1-4 cm thick qtz-carb vein with CG speck ofCPy. Sampled PED65118185.10-185.60 m							



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
195.78	204.70	Feature 1	PED65123	195.78	196.40	0.62	0.11	0.110	-	-
		Type	PED65124	196.40	197.00	0.60	0.57	0.571	-	-
		Dyke % Thickness Colour Vein	PED65126	197.00	198.00	1.00	0.45	0.446	-	-
		I3 Felsic_intrusive <input type="checkbox"/> 0 0 GYM	PED65127	198.00	199.00	1.00	0.34	0.339	-	-
		QLF: MAS ALT VND	PED65128	199.00	200.00	1.00	0.24	0.237	-	-
		Felsic Dyke(Intrusive). Fine to medium grained, light greyish , whitish to light brownish white, massive. The unit is sercite, biotite ,to silica altered. Biotite, chlorite make spotty to hairline veinlets along fractures 3-5%.Tjhe sercite make whitish veinelst along fractures. The silicified bands whitish and make 40% with Qtz veins 1 to 3 cm thick and 30 cm long.The qtz vein are at 200.54-200.64 m @30tca and 202.55-202.74 m with two veinlets @70Tca and 30 tca cut each other Biotite rich bands are brownish in color. Chlorite veinlets are greenish and make fracture fills and veinlets. The lower contact with Komatiitic basalt at 204.70mis marked by a greenish chloritized band of felsic dyke 204.12-204.52 m and a band of tourmaline 20-30% tourmaline grains in quartz vein 204.52-204.65 m. Trace sparse dissiminated Po/Py	PED65129	200.00	201.00	1.00	1.13	1.130	-	-
			PED65130	201.00	202.00	1.00	0.57	0.566	-	-
			PED65131	202.00	203.00	1.00	1.68	1.680	-	-
			PED65132	203.00	204.00	1.00	1.41	1.410	-	-
			PED65133	204.00	204.70	0.70	1.75	1.750	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 3 FF								
		SER 3 FF								
		BIO 2 SPT								
		Structure:								
	195.78 - 195.78	Alpha: 10	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		CS	10 15							
	200.54 - 200.64	Alpha: 30	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V2A								
	201.25 - 201.25	Alpha: 40	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		FRA								
	202.55 - 202.74	Alpha: 70	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V2								
		V2	15 30							



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	202.90 - 202.91	Alpha: 20 Type/GEN/Intensity V2									
		Beta: 0 CA1: CA2:									
	204.12 - 204.13	Alpha: 35 Type/GEN/Intensity BAN									
		Beta: 0 CA1: CA2:									
	204.52 - 204.65	Alpha: 45 Type/GEN/Intensity V2T									
		Beta: 0 CA1: CA2:									
204.70	212.00	Feature 1									
		Type									
		Dyke % Thickness Colour Vein									
		E0T Talc_rich_unit <input type="checkbox"/> 90 0 GND	PED65134	204.70	205.40	0.70	0.07	0.071	-	-	
		QLF: FOL ALT	PED65136	205.40	206.00	0.60	0.05	0.051	-	-	
		komatiitic Basalt(Talc rich unit) The unit is greenish grey The section 204.70-206 m is Komatiitic basalt with contact alteration band 205.87-206.05 m , is massive , no Talc alteration compared to the rest of the unit. The talc rich unit is variably talc, carbonate , chlorite serpentine altered foliated 15-20tc. Qtz-carb veinlets make 1-2 % 2-5mm size.. The lower contact at 212 with Felsic dyke is sharp @ 60 Tac marked by Tormaline 0.5 cm band.	PED65137	206.00	207.00	1.00	0.00	<0.005	-	-	
			PED65138	207.00	208.00	1.00	0.00	<0.005	-	-	
			PED65139	208.00	209.00	1.00	0.00	<0.005	-	-	
			PED65140	209.00	210.00	1.00	0.00	<0.005	-	-	
			PED65142	210.00	211.00	1.00	0.00	<0.005	-	-	
			PED65143	211.00	212.00	1.00	0.01	0.011	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		TLC 3 PRV									
		CB 3									
		Structure:									
	205.87 - 206.07	Alpha: 25 Type/GEN/Intensity BAN									
		Beta: 0 CA1: CA2:									



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	209.70 - 209.70	Alpha: 30 Type/GEN/Intensity FOL								
	210.45 - 210.46	Alpha: 20 Type/GEN/Intensity V3 FOL								
	210.93 - 210.93	Alpha: 40 Type/GEN/Intensity FRA								
Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein			
E0B		<i>Komatiitic_basalt</i>	<input type="checkbox"/>	10	0	GNL				
QLF:	FOL ALT									
Alteration :	Type/Intensity/Texture									
	BIO 1 FF									
	CHL 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
212.00	222.30	Feature 1	PED65144	212.00	213.00	1.00	0.34	0.338	-	-	
		Type	PED65145	213.00	214.00	1.00	2.12	2.120	-	-	
		I3 Felsic_intrusive	PED65147	214.00	215.00	1.00	0.93	0.926	-	-	
		QLF: MAS BAN ALT	PED65148	215.00	216.00	1.00	0.62	0.620	-	-	
		Felsic Dyke(intrusive) fine to medium grained , massive, moderate to strongly biotite, chlorite, sericite altered, creating brownish and whitish bands with spotty patchy appearance. The biotite chlite make veinlets along fractures , while silica and carbonate make Quartz and qtz-carbonate veinlets 3-5% 0.5-1 cm size.. The veins range from 15 to 45 tca angles..The lower contact is banded and gradational with felsic dyke getting chloritized greenish grades in to komatiite basalt unit.The contact is @45 tca	PED65149	216.00	217.00	1.00	1.59	1.590	-	-	
			PED65150	217.00	218.00	1.00	0.56	0.555	-	-	
			PED65151	218.00	219.00	1.00	0.46	0.462	-	-	
			PED65152	219.00	220.00	1.00	2.43	2.430	-	-	
			PED65153	220.00	221.00	1.00	0.91	0.911	-	-	
			PED65154	221.00	221.70	0.70	0.51	0.507	-	-	
			PED65156	221.70	222.30	0.60	0.50	0.495	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 2 FF									
		BIO 3 SPT									
		Structure:									
	212.00 - 212.01	Alpha: 60 Type/GEN/Intensity CS	Beta: 0 CA1: CA2:								
	212.80 - 212.81	Alpha: 30 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:								
	214.52 - 214.73	Alpha: 15 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:								
	215.90 - 215.95	Alpha: 30 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:								
	216.48 - 216.49	Alpha: 45 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	219.26 - 219.42	Alpha: 45 Type/GEN/Intensity V2A V2									
		Beta: 0 CA1: CA2: 20									
222.30	230.06	Feature 1	PED65157	222.30	222.80	0.50	0.02	0.020	-	-	
		Type	PED65158	222.80	223.30	0.50	0.01	0.009	-	-	
		E0T Talc_rich_unit	PED65159	223.30	224.00	0.70	0.00	<0.005	-	-	
		QLF: ALT FOL	PED65161	224.00	225.00	1.00	0.01	0.007	-	-	
		Komatiitic Basalt(talc rich unit)Greenish foliated, chlorite, carb altered, with Qtz-carb veinelts 1-2%. The section 222.80-223.30 m contain7-10% qtz-carb veins 2-3 cm thick, @35tca.. The rest of the unit has lesser qtz veins.The lower contact with felsic dyke at 230.06m @40Tca is sharp and marked by bands of chlorite and biotite foliation and layering.	PED65162	225.00	226.00	1.00	0.01	0.011	-	-	
			PED65163	226.00	227.00	1.00	0.00	<0.005	-	-	
			PED65164	227.00	228.00	1.00	0.01	0.008	-	-	
			PED65165	228.00	229.00	1.00	0.00	<0.005	-	-	
		Alteration :	PED65166	229.00	229.50	0.50	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED65167	229.50	230.06	0.56	0.22	0.219	-	-	
		CHL 3 PRV									
		CB 2 VND									
		TLC 3 PRV									
		Structure:									
	222.30 - 222.30	Alpha: 45 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
	223.04 - 223.10	Alpha: 35 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2:									
	225.42 - 225.50	Alpha: 25 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Analysis				
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
230.06	248.45	Feature 1	PED65168	230.06	231.00	0.94	0.31	0.310	-	-	
		Type	PED65169	231.00	232.00	1.00	0.56	0.562	-	-	
		Dyke % Thickness Colour Vein	PED65171	232.00	233.00	1.00	0.28	0.279	-	-	
		I3 Felsic_intrusive □ 0 0 BNM	PED65172	233.00	234.00	1.00	0.45	0.446	-	-	
		QLF: MAS ALT BAN	PED65173	234.00	235.00	1.00	0.66	0.656	-	-	
		Felsic Dyke(intrusive) fine to medium grained , massive, moderate to strongly biotite, chlorite, sericite altered, creating brownish and whitish bands with spotty patchy appearance. The biotite chlorite make veinlets along fractures , while silica and carbonate make Quartz and qtz-carbonate veinlets 3-5% 0.5-1 cm size.. The veinlets range from 30 to 50 tca.chlorite and biotite patches around fractures are present 2-3 cm thick randomly. The interval 240-243 m is more silicified and biotite alterd with white fg siliceous band alternating with brownish biotite rich band. Biotite chlirte filling fractres are comparitively less.The lower contact at 248.45 m @30 Tca with Komattitic basalt is marked by a 2 cm thick biotite rich band and 7 cm altered chloiritized greenish felsic dyke.	PED65174	235.00	236.00	1.00	0.79	0.788	-	-	
			PED65175	236.00	237.00	1.00	0.49	0.490	-	-	
			PED65176	237.00	238.00	1.00	0.30	0.297	-	-	
			PED65177	238.00	239.00	1.00	0.27	0.274	-	-	
			PED65178	239.00	240.00	1.00	2.58	2.580	-	-	
			PED65179	240.00	241.00	1.00	0.39	0.392	-	-	
			PED65180	241.00	242.00	1.00	0.16	0.161	-	-	
			PED65181	242.00	243.00	1.00	1.08	1.080	-	-	
			PED65182	243.00	244.00	1.00	0.69	0.689	-	-	
			PED65183	244.00	245.00	1.00	0.18	0.184	-	-	
			PED65184	245.00	246.00	1.00	0.15	0.150	-	-	
			PED65186	246.00	247.00	1.00	0.12	0.117	-	-	
			PED65187	247.00	247.80	0.80	0.23	0.233	-	-	
			PED65188	247.80	248.45	0.65	0.09	0.086	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 SPT									
		Structure:									
		230.06 - 230.06 Alpha: 40 Beta: 0									
		Type/GEN/Intensity									
		CS									
		238.12 - 238.12 Alpha: 45 Beta: 0									
		Type/GEN/Intensity									
		V2A									
		238.50 - 238.50 Alpha: 50 Beta: 0									
		Type/GEN/Intensity									
		V2									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	238.80 - 238.80	Alpha: 45 Type/GEN/Intensity V2A									
	240.90 - 240.90	Alpha: 40 Type/GEN/Intensity V2A									
	243.93 - 243.93	Alpha: 40 Type/GEN/Intensity FRA									
	244.92 - 244.92	Alpha: 50 Type/GEN/Intensity FRA									
	247.27 - 247.27	Alpha: 15 Type/GEN/Intensity FRA									
	248.35 - 248.42	Alpha: 35 Type/GEN/Intensity BAN									
248.45	252.60	Feature 1									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		E0T Talc_rich_unit	□		72	0 GND					
		QLF: FOL ALT VND									
		Komatiitic Basalt(talc rich unit) Greenish foliated, chlorite, carb altered, with qtz-carb veinlets 5-7% from mm size to 1 cm thickness.. The qtz-carb veins are variably stretched and moderately deformed Weakly foliated 25-45 tca. No sulfides are observed.. The interval 251.42m to 252.60 is amassive greenish E0B komatiitic basalt unit light greenish colored and contain very few 1 % qtz -carb veins and it ends at the contact with felsic dyke at 252.60 m with sharp contact @45 tca. The contact zone 252.45-252.60 m is foliated 235 tca. sample 250.80-251.45 m @ 251.25 m single grain flattened. In th contact zone between E0T/E0B at 251.45 m The sample has 20-30% qtz-carb veins. The VG is lying on a fracture fill veinlet of biotite along contact of qtz -									
			PED65189	248.45	249.00	0.55	0.03	0.029	-	-	
			PED65191	249.00	250.00	1.00	0.01	0.011	-	-	
			PED65192	250.00	250.80	0.80	0.05	0.045	-	-	
			PED65193	250.80	251.45	0.65	0.97	0.971	-	-	
			PED65195	251.45	252.00	0.55	0.12	0.119	-	-	
			PED65196	252.00	252.60	0.60	0.03	0.034	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
carb vein with one contact @25tac the other at 70tca. The sample is altered contact between talcrich and komatiitic basalt.										
Visible Gold :										
		SampleID/Grainsize/Style								
		PED65193 1-2mm Bleb								
Alteration :										
		Type/Intensity/Texture								
		CB 3 VND								
		CHL 3 PRV								
Structure:										
248.45 - 248.45		Alpha: 30		Beta: 0						
		Type/GEN/Intensity		CA1:		CA2:				
		CS								
248.86 - 248.89		Alpha: 25		Beta: 0						
		Type/GEN/Intensity		CA1:		CA2:				
		V3								
249.45 - 249.45		Alpha: 15		Beta: 0						
		Type/GEN/Intensity		CA1:		CA2:				
		V3								
		FOL		15						
249.83 - 249.84		Alpha: 25		Beta: 0						
		Type/GEN/Intensity		CA1:		CA2:				
		V3								
250.97 - 251.05		Alpha: 35		Beta: 0						
		Type/GEN/Intensity		CA1:		CA2:				
		V1								
251.23 - 251.23		Alpha: 25		Beta: 0						
		Type/GEN/Intensity		CA1:		CA2:				
		CV								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	251.25 - 251.25	Alpha: 70 Type/GEN/Intensity CV									
	251.42 - 251.42	Alpha: 55 Type/GEN/Intensity CS									
	Mineralization Maj. :	Type/GSZ%/HABIT									
	250.80 - 251.45	PY GS1 0.5									
			Comment								
			ample 250.80-251.45 m @ 251.25 m sigle grain falttened. In th contact zone between E0T/E0B at 251.45 m The sample has 20-30% qtz-carb veins. The VG is lying at a fracture fill veinlet of biotite along contact of qtz carb vein with one contact @25tac andother at 70tca. PED65193								
	Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein				
	E0B	<i>Komatiitic_basalt</i>	<input type="checkbox"/>	28	0	GNL					
	QLF:	FOL ALT VND									
	Alteration :	Type/Intensity/Texture									
		CHL 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
252.60	272.60	Feature 1	PED65197	252.60	253.34	0.74	0.41	0.408	-	-	
		Type	PED65198	253.34	254.00	0.66	0.64	0.637	-	-	
		Dyke % Thickness Colour Vein	PED65199	254.00	255.00	1.00	1.05	1.050	-	-	
		I3 Felsic_intrusive □ 97 0 BNL	PED65201	255.00	256.00	1.00	0.96	0.959	-	-	
		QLF: MAS ALT BAN	PED65202	256.00	257.00	1.00	1.06	1.060	-	-	
		Felsic Dyke(intrusive) fine to medium grained , massive, moderate to strongly biotite, chlorite, sericite altered, creating brownish and whitish bands appearing spotty patchy. The chlorite , biotite fracture fill mm size veinlets make 7-10% and randomly roiented.	PED65203	257.00	258.00	1.00	0.90	0.904	-	-	
		260.90-261.45 m is Komatiitic_Basalt.fine to medium grained, massive to weakly foliate at the contacts. Dark green to light greenish color,weakly chlorite and biotite altered.the upper contact is mraked by bioite band and qtz vein @ 50tca and lower contact is also marked by dark black patches of biotite @55 tca. Local fractures of biotite are aligned @20 and @30 tca.	PED65204	258.00	259.00	1.00	0.96	0.960	-	-	
		The section of felsic dyke 258-260 m is strongly silicified with persasive to fracture fill sericite.3-5% qtz veinare present 0.5 -1 cm thick and @ 25-45tca.. Some qtz vein are cut by qtz -act line vein cutting them i.e. at 260.74-260.80 m. felsic dyke band 271- 272.60 m at the contact of Hi Ti basalt is weakly fractured and brecciated with 15-20% biotite/chlorite fractures fill veinlets. The scetion 272.10-272.60 m is more evidently brecciated band with fracture fill veinlets in two directions cutting each other @20-25tca and 30-40 tca,patches and bands rich in chlorite and biotite 5-7%	PED65205	259.00	260.00	1.00	0.92	0.923	-	-	
		Alteration :	PED65206	260.00	260.90	0.90	0.79	0.794	-	-	
		Type/Intensity/Texture	PED65207	260.90	261.45	0.55	0.48	0.482	-	-	
		CHL 2 FF	PED65208	261.45	262.25	0.80	0.46	0.457	-	-	
		SIL 3 FF	PED65209	262.25	263.00	0.75	0.21	0.213	-	-	
		BIO 3 FF	PED65211	263.00	264.00	1.00	0.55	0.547	-	-	
		Structure:	PED65212	264.00	265.00	1.00	0.59	0.594	-	-	
		Alpha: 25 Beta: 0	PED65213	265.00	266.00	1.00	1.59	1.590	-	-	
		Type/GEN/Intensity CA1: CA2:	PED65214	266.00	267.00	1.00	0.90	0.895	-	-	
		V2	PED65215	267.00	268.00	1.00	0.99	0.985	-	-	
		V2 35	PED65216	268.00	269.00	1.00	1.24	1.240	-	-	
		Alpha: 20 Beta: 0	PED65217	269.00	270.00	1.00	0.48	0.479	-	-	
		Type/GEN/Intensity CA1: CA2:	PED65218	270.00	271.00	1.00	0.41	0.414	-	-	
		V2A	PED65219	271.00	272.00	1.00	0.98	0.976	-	-	
			PED65221	272.00	272.60	0.60	0.26	0.261	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	259.35 - 259.36	Alpha: 40 Type/GEN/Intensity V2								
	259.70 - 259.77	Alpha: 25 Type/GEN/Intensity V2								
	260.74 - 260.77	Alpha: 35 Type/GEN/Intensity V2A								
	260.80 - 260.81	Alpha: 25 Type/GEN/Intensity V2A								
	260.90 - 260.90	Alpha: 50 Type/GEN/Intensity CV CS								
	261.04 - 261.04	Alpha: 30 Type/GEN/Intensity FOL								
	261.10 - 261.10	Alpha: 20 Type/GEN/Intensity FOL								
	261.45 - 261.45	Alpha: 55 Type/GEN/Intensity CS								
	264.67 - 264.70	Alpha: 25 Type/GEN/Intensity BAN								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	264.70 - 264.81	Alpha: 30 Type/GEN/Intensity V2								
	265.00 - 265.01	Alpha: 50 Type/GEN/Intensity FRA								
	271.07 - 271.07	Alpha: 25 Type/GEN/Intensity V2A								
	271.11 - 271.11	Alpha: 35 Type/GEN/Intensity V2A								
	271.70 - 271.75	Alpha: 55 Type/GEN/Intensity BAN								
	272.05 - 272.05	Alpha: 35 Type/GEN/Intensity FRA								
	272.10 - 272.10	Alpha: 45 Type/GEN/Intensity CG								
	272.42 - 272.46	Alpha: 20 Type/GEN/Intensity V2A V2A								
	272.47 - 272.54	Alpha: 40 Type/GEN/Intensity V2 LI								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	272.60 - 272.60	Alpha: 45 Beta: 0 Type/GEN/Intensity CS CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	3	0	GNL					
		QLF: MAS ALT BAN									
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 PRV									
		BIO 1 FF									
272.60	281.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0	GYD					
		QLF: MAS GS1 ALT									
		High Titanium Basalt. Dark grey blackish , aphanitic to fg, massive to locally foliated and banded. Predominantly biotite altered with local greenish chlorite rich bands and silica altered. Contains generally 0.5-1% po and py. The section 274-275 m has got bands and veinlets/strings of Pyrrhotite 5-7% and py 0.5-1%. The section 277-279 m has got 2-3% garnet clusters 1-2% po/py which are loosely aligned to foliation plans and q-c veinlets. The interval 277-2278.50 m contains bleby and stringer Po. Along with streched and deformed garnet band and oriented along foliation 45-50Tca 3-5%. Some garnets are subhedral and medium grained disseminated. The sample is in contact with vG bearing Qtz-chlorite vein 278.50-278.85 m The section 278-279 m po/py stringers 3-5% along foliation. The HiTi basalt sample interval 278.50-278.85 m has got 12 cm qtz -chl vein 278.62-278.80 m banded, foliated 235-45 tca with VG @278.70-278.72 m in qtz vein comprising one 3mm size bleb and 3 Vg grains 0.5-1 mm. The expected Au assay may have (100-150 g/t Au). The las part of the scetion 280.50-281 m has got 5-7% disseminated garnets with clusters of po 2-3%. Narrow cpy/ py veinlet 273.65@ 70 tca									
		Visible Gold :									
		SampleID/Grainsize/Style									
		PED65229 1-2mm Bleb									
		Alteration :									
		Type/Intensity/Texture									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		Alteration :	Type/intensity/texture							
			SIL 1 VND							
			CHL 2 BAN							
			BIO 3 PRV							
		Structure:								
273.65 - 273.65		Alpha: 70 Type/GEN/Intensity V2S		Beta: 0 CA1:	CA2:					
274.50 - 274.50		Alpha: 45 Type/GEN/Intensity FOL		Beta: 0 CA1:	CA2:					
274.58 - 274.58		Alpha: 50 Type/GEN/Intensity FOL LI		Beta: 0 CA1:	CA2:	50				
274.75 - 274.75		Alpha: 20 Type/GEN/Intensity FOL V3		Beta: 0 CA1:	CA2:					
274.82 - 274.82		Alpha: 60 Type/GEN/Intensity V5 FOL		Beta: 0 CA1:	CA2:	60				
277.32 - 277.32		Alpha: 35 Type/GEN/Intensity FOL BAN		Beta: 0 CA1:	CA2:					
277.40 - 277.40		Alpha: 55 Type/GEN/Intensity FRA		Beta: 0 CA1:	CA2:					



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	277.51 - 277.55	Alpha: 55 Type/GEN/Intensity V2S								
	277.72 - 277.72	Alpha: 30 Type/GEN/Intensity V2S FOL								
	278.38 - 278.38	Alpha: 50 Type/GEN/Intensity V2S								
	278.45 - 278.46	Alpha: 50 Type/GEN/Intensity V2 FOL								
						50				
	278.50 - 278.85	Alpha: 35 Type/GEN/Intensity V2A								
	278.62 - 278.62	Alpha: 45 Type/GEN/Intensity CV V2A								
						45				
	278.74 - 278.74	Alpha: 35 Type/GEN/Intensity FOL								
	278.80 - 278.80	Alpha: 35 Type/GEN/Intensity CV V2A								
						35				



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	280.20 - 280.37	Alpha: 15 Type/GEN/Intensity V3								
		Beta: 0 CA1: CA2:								
		Mineralization Maj. : Type/GSZ%/HABIT								
	272.60 - 273.50	PY 0.5 DIS								
	272.60 - 273.50	PO GS1 1 DIS								
	273.50 - 274.50	PO GS1 1 FRA								
	273.50 - 274.50	CP GS1 1 STR								
	274.50 - 275.00	PO GS1 3 STR								
	274.50 - 275.00	PO GS1 4 DIS								
	274.50 - 275.00	PY GS1 1								
	276.60 - 277.60	PY GS1 1 DIS								
	276.60 - 277.60	PO GS1 5 DIS								
	277.60 - 278.50	PO GS1 2 DIS								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>			<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	277.60 - 278.50	PY	GS1	1									
		The interval 277-2278.50 m contains bleby and stringer Po. Along with streched and deformed garnet band and oriented along foliation 45-50Tca 3-5%. Some garnets are subhedral and medium grained disseminated.some garnets inclusions of Po.The sample is in contact with VG bearing Qtz-chlorite vein 278.50-278.85 m											
	277.60 - 278.50	PO	GS2	3	STR								
		The interval 277-2278.50 m contains bleby and stringer Po. Along with streched and deformed garnet band and oriented along foliation 45-50Tca 3-5%. Some garnets are subhedral and medium grained disseminated.some garnets inclusions of Po.The sample is in contact with VG bearing Qtz-chlorite vein 278.50-278.85 m											
	278.50 - 278.85	PY	GS1	1	STR								
		VG @278.70-278.72 m in qtz vein one 3mm size VG and 3 Vg 0.5-1 mm											
	278.50 - 278.85	PO	GS2	10	STR								
		VG @278.70-278.72 m in qtz vein one 3mm size VG and 3 Vg 0.5-1 mm											
	278.85 - 279.85	PO	GS1	2	DIS								
	279.85 - 281.00	PY	GS1	1									
		clusters of fg po are scattered 3-5% . Fg disseminated pyrrohtite make 1-2 %. Dark brown with intense biotite alteration. 0.5 cm tq-carb veinlets 1%											
	279.85 - 281.00	PO	GS1	3	SPT								
		clusters of fg po are scattered 3-5% . Fg disseminated pyrrohtite make 1-2 %. Dark brown with intense biotite alteration. 0.5 cm tq-carb veinlets 1%											
281.00	284.20	Feature 1											
		Type	Dyke	%	Thickness	Colour	Vein						
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYL		PED65235	281.00	282.00	1.00	0.30	0.297 - -
		QLF: FRA BRX ALT						PED65236	282.00	282.80	0.80	0.76	0.756 - -
								PED65237	282.80	283.50	0.70	0.41	0.411 - -
								PED65238	283.50	284.20	0.70	0.66	0.664 - -
		Felsic intrusive(Dyke). Light greyish white, fine to medium grained weakly to strongly fractured and partly											



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
<p>brecciated. 15-20% chlorite biotite qtz fracture fill veing mm to cm size in places enclosing white felsic dyke fragments. The fracture fill veinlets seem to follow generally two directions of 45-55 tca and 10-15 tca. Some white qtz veins 0.5 cm follow the fracturing @15 tca 281.10-281.24 m. The interval 281-283 m has got pronoune fracturing and weak brecciation and disseminate 1-3% Py/Aspy. The unit is strongly slicified, siericite and chlorite biotite altered. The sulfides are located in the felsic bands as well along the fracture fill veinlets.The lower contact is wavy zig zag contact 284.18-284.22 m varies from 45tca to 75 tca</p>											
Alteration :											
Type/Intensity/Texture											
SIL 3 PRV											
CHL 2 FF											
BIO 2 FF											
Structure:											
281.00 - 281.01 Alpha: 75 Beta: 0											
Type/GEN/Intensity CA1: CA2:											
CS											
V2											
Mineralization Maj. :											
Type/GSZ%/HABIT Comment											
281.00 - 282.00 AS 0.5 fractures breccaited Felsic dyke											
281.00 - 282.00 PY GS1 1 DIS fractures breccaited Felsic dyke											
282.00 - 283.00 PY GS1 1 fracture fill felsic dyke with ASPY/Pyfg-Mg in the silicified bands enclosed by ch-biot fractures.											
282.00 - 283.00 AS GS1 2 fracture fill felsic dyke with ASPY/Pyfg-Mg in the silicified bands enclosed by ch-biot fractures.											
283.00 - 284.20 PY GS1 1 less fractures band of felsic dyke. With disseminated pyrite											



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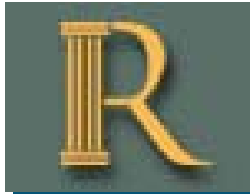
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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
284.20	292.54	Feature 1	PED65239	284.20	285.00	0.80	0.96	0.964	-	-
		Type	PED65241	285.00	286.00	1.00	0.01	0.010	-	-
		E1H High_titanium_basalt	PED65242	286.00	286.65	0.65	0.02	0.017	-	-
		QLF: MAS ALT	PED65243	286.65	288.00	1.35	0.00	<0.005	-	-
		High Titanium Basalt. Dark grey blackish , aphanitic to fg, massive to locally foliated and banded.	PED65244	288.00	291.00	3.00	0.00	<0.005	-	-
		Predominantly biotite altered with local greenish chlorite rich band from 291-292.54 m and silica altered.	PED65246	291.00	291.70	0.70	0.02	0.021	-	-
		Contains 1-2% mm size qt-carb veinlets @ 20 tca, 40 tca to 50tca. The contact zone 284.20-284.50 m is strongly biotite, chl-carb altered.the core is strongly broken from 287.25 m to 291 m and ther is loss of 2.5 m.	PED65247	291.70	292.54	0.84	0.10	0.100	-	-
		The lower contact with felsic dyke at 292.54 m is @55 tca. Local po bearing vein @40 tca at 286.70 m								
		Alteration :								
		Type/Intensity/Texture								
		CB 2 BAN								
		CHL 3 BAN								
		BIO 3 PRV								
		Structure:								
	284.20 - 284.20	Alpha: 75	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		CS	45 75							
	285.32 - 285.32	Alpha: 50	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V3								
	286.70 - 286.70	Alpha: 40	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V2S								
	286.90 - 286.90	Alpha: 45	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V3								



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292.54	326.70	Feature 1	PED65248	292.54	293.00	0.46	0.39	0.393	-	-	-
		Type	PED65249	293.00	294.00	1.00	0.61	0.610	-	-	-
		I3 Felsic_intrusive	PED65250	294.00	295.00	1.00	0.64	0.644	-	-	-
		QLF: MAS ALT FRA	PED65251	295.00	296.00	1.00	0.48	0.483	-	-	-
		Felsic intrusive(Dyke). Light greyish white, fine to medium grained. Biotite chlorite altered with spotty appearance and fracture veinlets 3-5% mm size 20-55 tca. Dissulfides po/py 0.5 -1 % to veinlets bearing Po 2-3% at 293.56-293.64 m. The felsic dyke from 294-302 m has got quartz and qtz-carb veinlets 3-5 % and light greyish brown. The section from 302-306 m is strongly biotite, chlorite altered with dark brownish green color and silicified. Chlorite. Biotite fracture filling make 3-5%. Interval 306-308 m is strongly silicified and sericite altered with fracture filling of sericite up to 7-10% around qtz rich bands and vein. The section 304-305 m has got qtz, qtz-act veining in two sets of @25-45 tca and other @ 5-15 tca along foliation in the biotite chlorite rich altered felsic dyke. The section 308.20-308.65 m is a massive white quartz vein with small 2 % included patches felsic dyke. interval 309-310 m has hairline fracture with 1-2% Po/py	PED65252	296.00	297.00	1.00	0.47	0.473	-	-	-
		Komatiitic Basalt 317-318.20 m is dark greenish foliated banded altered band of EOB as xenolith in felsic dyke. The upper contact is sharp @60 tca while the foliation at the contact are @30tca. The lower contact is @20 tca elongated from 318.05 to 318.20 m. biotite chlorite and carbonate alteration moderate to strong, creating foliation and banding at the contacts. 2-3 cm qtz vein 1 % present.	PED65253	297.00	298.00	1.00	0.57	0.570	-	-	-
		Greenish brown latered felsic dyke. 319.08-319.90 m dark brownish altered band in felsic dyke. Biotite, chlorite and carbonate strongly altered with greenish and brownish bands at @45, 40 and 55 tca angles. Contains 0.5-1 % py/ po	PED65254	298.00	299.00	1.00	0.25	0.246	-	-	-
		326-326.70 m greenish altered silicified, chlorite altered foliated Felsic dyke at the lower contact with Komatiitic basalt 326.70 m. The section is pervasive silicified and carbonate altered. Chlorite alteration imparted greenish color. Sharp upper contact at 40tca and lower contact at 25tca. Foliated with foliation 25 to 45Tca	PED65256	299.00	300.00	1.00	0.61	0.606	-	-	-
		Alteration :	PED65257	300.00	301.00	1.00	0.76	0.759	-	-	-
		Type/Intensity/Texture	PED65258	301.00	302.00	1.00	0.45	0.450	-	-	-
		CHL 2 FF	PED65259	302.00	302.80	0.80	0.40	0.404	-	-	-
		SIL 3 PRV	PED65260	302.80	303.30	0.50	0.93	0.926	-	-	-
		BIO 2 FF	PED65261	303.30	304.00	0.70	0.18	0.179	-	-	-
		Structure:	PED65262	304.00	305.00	1.00	0.35	0.347	-	-	-
		292.54 - 292.54 Alpha: 55 Beta: 0	PED65263	305.00	306.00	1.00	0.33	0.330	-	-	-
		Type/GEN/Intensity	PED65264	306.00	307.00	1.00	0.45	0.448	-	-	-
		CS CA1: CA2:	PED65266	307.00	307.50	0.50	0.36	0.362	-	-	-
			PED65267	307.50	308.15	0.65	0.26	0.263	-	-	-
			PED65268	308.15	308.70	0.55	0.15	0.150	-	-	-
			PED65269	308.70	309.50	0.80	0.71	0.705	-	-	-
			PED65271	309.50	310.00	0.50	0.22	0.219	-	-	-
			PED65272	310.00	311.00	1.00	0.08	0.080	-	-	-
			PED65273	311.00	312.00	1.00	0.49	0.486	-	-	-
			PED65274	312.00	313.00	1.00	0.43	0.427	-	-	-
			PED65276	313.00	314.00	1.00	0.41	0.408	-	-	-
			PED65277	314.00	315.00	1.00	0.57	0.573	-	-	-
			PED65278	315.00	316.00	1.00	0.40	0.398	-	-	-



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293.35 - 293.60	Alpha: 20 Type/GEN/Intensity V2S	Beta: 0 CA1: CA2:	PED65279	316.00	316.50	0.50	0.40	0.395	-	-	
			PED65280	316.50	317.30	0.80	0.44	0.439	-	-	
			PED65281	317.30	318.20	0.90	1.84	1.840	-	-	
293.64 - 293.64	Alpha: 60 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:	PED65282	318.20	319.00	0.80	1.49	1.490	-	-	
			PED65283	319.00	320.00	1.00	0.74	0.740	-	-	
			PED65284	320.00	321.00	1.00	1.44	1.440	-	-	
296.28 - 296.29	Alpha: 35 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:	PED65286	321.00	322.00	1.00	0.69	0.694	-	-	
			PED65287	322.00	323.00	1.00	0.29	0.293	-	-	
			PED65288	323.00	324.00	1.00	0.44	0.438	-	-	
297.08 - 297.14	Alpha: 45 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:	PED65289	324.00	325.00	1.00	0.52	0.521	-	-	
			PED65290	325.00	326.00	1.00	0.34	0.336	-	-	
			PED65291	326.00	326.70	0.70	0.08	0.080	-	-	
300.34 - 300.38	Alpha: 45 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:									
300.45 - 300.50	Alpha: 30 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:									
300.52 - 300.57	Alpha: 30 Type/GEN/Intensity V2A V2A	Beta: 0 CA1: CA2: 20									
300.60 - 300.63	Alpha: 50 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:									
301.15 - 301.20	Alpha: 45 Type/GEN/Intensity FRA V2	Beta: 0 CA1: CA2: 45									



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	302.75 - 302.80	Alpha: 70 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2:									
	302.80 - 302.85	Alpha: 30 Type/GEN/Intensity V2									
		Beta: 0 CA1: CA2:									
	302.88 - 302.88	Alpha: 35 Type/GEN/Intensity FOL									
		Beta: 0 CA1: CA2:									
	303.04 - 303.06	Alpha: 70 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2:									
	303.18 - 303.19	Alpha: Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2:									
	303.45 - 303.49	Alpha: Type/GEN/Intensity V2S									
		Beta: 0 CA1: CA2:									
	304.04 - 304.14	Alpha: 15 Type/GEN/Intensity V2_E V2A									
		Beta: 0 CA1: CA2: 5									
	304.15 - 304.20	Alpha: 25 Type/GEN/Intensity FOL V2									
		Beta: 0 CA1: CA2: 25									
	304.32 - 304.40	Alpha: 50 Type/GEN/Intensity V2A V2									
		Beta: 0 CA1: CA2: 15									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	304.52 - 304.62	Alpha: 15 Type/GEN/Intensity V2A V2_E									
		Beta: 0 CA1: CA2: 50 10 15									
	304.93 - 304.93	Alpha: 55 Type/GEN/Intensity FOL									
		Beta: 0 CA1: CA2:									
	305.64 - 305.64	Alpha: 35 Type/GEN/Intensity FRA									
		Beta: 0 CA1: CA2:									
	305.88 - 305.88	Alpha: 50 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2:									
	306.26 - 306.26	Alpha: 55 Type/GEN/Intensity V2T									
		Beta: 0 CA1: CA2:									
	306.60 - 306.61	Alpha: 45 Type/GEN/Intensity V2S									
		Beta: 0 CA1: CA2:									
	307.28 - 307.46	Alpha: 20 Type/GEN/Intensity V2_E									
		Beta: 0 CA1: CA2:									
	307.50 - 307.70	Alpha: 25 Type/GEN/Intensity V2									
		Beta: 0 CA1: CA2:									
	307.72 - 308.00	Alpha: 75 Type/GEN/Intensity V2_E V2A									
		Beta: 0 CA1: CA2: 15									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	308.06 - 308.06	Alpha: 35 Type/GEN/Intensity FRA									
	308.15 - 308.65	Alpha: 15 Type/GEN/Intensity V2									
	309.00 - 309.10	Alpha: 35 Type/GEN/Intensity V2A									
	312.05 - 312.25	Alpha: 40 Type/GEN/Intensity V2									
	316.10 - 316.26	Alpha: 15 Type/GEN/Intensity V2 V2_E									
	316.56 - 316.56	Alpha: 60 Type/GEN/Intensity FOL									
	317.30 - 318.20	Alpha: 40 Type/GEN/Intensity FOL CD									
	317.70 - 317.80	Alpha: 35 Type/GEN/Intensity V2A									
	318.60 - 318.90	Alpha: 30 Type/GEN/Intensity V2									



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<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppm)</i>	<i>FAG</i> <i>Au</i> <i>(ppm)</i>	<i>MS</i> <i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppb)</i>
	319.08 - 319.08	Alpha: 55 Type/GEN/Intensity V3									
	319.20 - 319.30	Alpha: 20 Type/GEN/Intensity CV									
	319.38 - 319.40	Alpha: 45 Type/GEN/Intensity BAN									
	319.50 - 319.90	Alpha: 45 Type/GEN/Intensity V2A									
	322.50 - 322.51	Alpha: 45 Type/GEN/Intensity V2A									
	326.00 - 326.01	Alpha: 40 Type/GEN/Intensity CD CD									
	326.22 - 326.24	Alpha: 55 Type/GEN/Intensity V2A									
	326.40 - 326.40	Alpha: 45 Type/GEN/Intensity FOL									
		Mineralization Maj. : Type/GSZ%/HABIT									
	292.54 - 294.00	PY GS1 0.5									
	292.54 - 294.00	PO GS1 1 STR									
		Comment									



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<i>From</i> (m)	<i>To</i> (m)					<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	292.54 - 294.00	PO	GS1	1	DIS	po diss and along veins 1-2%								
	306.00 - 307.00	PO	GS1	0.5										
	306.00 - 307.00	PY	GS1	0.5	DIS									
	308.70 - 310.00	PY	GS1	1	FRA	The interval has got 5-7% qtz veins with fractire fill veinlets containing 3-5% sulfides.. Sample interval 308.70-309.30 m and 309.30-310 m								
	308.70 - 310.00	PO	GS1	3	FRA	The interval has got 5-7% qtz veins with fractire fill veinlets containing 3-5% sulfides.. Sample interval 308.70-309.30 m and 309.30-310 m								
	315.00 - 316.50	PO	GS1	0.3										
	315.00 - 316.50	PY	GS1	0.2	DIS									
	316.50 - 317.30	PY	GS1	0.2		aspy stringer @317.67 m								
	316.50 - 317.30	AS	GS1	0.8	FRA	aspy stringer @317.67 m								
	319.00 - 320.00	PY	GS1	0.5		greenish brown carb, chl, biot altered felsic dyke from 319.08-319.90 m								
	319.00 - 320.00	PO	GS1	0.5	DIS	greenish brown carb, chl, biot altered felsic dyke from 319.08-319.90 m								
	326.00 - 326.70	PY	0			siliified chlorite alterd felsic dyke band								
	326.00 - 326.70	PO	GS1	0.5		siliified chlorite alterd felsic dyke band								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
326.70	340.25	Feature 1	PED65292	326.70	327.55	0.85	0.01	0.005	-	-	
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: FOL GS1 ALT</p> <p>Talc Altered BK; Med-Dark Green; FG; creamy talcose stringers // to S1 fol @ 50; wk flow-top brx texture; LCT sheared @ 50 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 100px;">TLC 2 PRV</p> <p>Structure:</p> <p>326.70 - 326.70 Alpha: 25 Beta: 0</p> <p style="padding-left: 100px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 100px;">CD</p>	PED65293	327.55	328.30	0.75	0.01	0.006	-	-	
			PED65294	339.00	339.60	0.60	0.01	0.011	-	-	
			PED65295	339.60	340.25	0.65	0.07	0.068	-	-	
340.25	340.75	Feature 1	PED65296	340.25	340.75	0.50	0.64	0.635	-	-	
		<p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: SHD GS1 VND</p> <p>Hi Ti; Dark Brown/Green; FG; 20% actinolite-altered veinlets // to S1 @ 50; 1% dism Po assoc w/ veining; moderately sheared // to S1; LCT @ 50 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 100px;">AC 2 VND</p> <p style="padding-left: 100px;">BIO 2 PRV</p> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <p>340.25 - PO GS1 1 DIS</p> <p>340.75</p> <p style="padding-left: 100px;">Comment</p> <p>Trace-1% Po in 0.5 m section of E1H within talc zone</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
340.75	393.70	Feature 1	PED65298	340.75	341.75	1.00	0.02	0.017	-	-	
		Type	PED65299	341.75	342.30	0.55	0.03	0.026	-	-	
		Dyke % Thickness Colour Vein	PED65300	342.30	343.00	0.70	0.02	0.023	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED65301	390.00	391.00	1.00	0.00	<0.005	-	-	
		QLF:	PED65302	391.00	392.00	1.00	0.01	0.006	-	-	
		Talc Altered BK; Med-Dark Green; FG; creamy talcose stringers // to S1 fol @ 50 TCA; wk flow-top brx texture; LCT sheared @ 50 TCA	PED65303	392.00	392.75	0.75	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture	PED65304	392.75	393.75	1.00	0.00	<0.005	-	-	
		AMP									
		SIL									
		BIO									
		Structure:									
		353.00 - 353.15 Alpha: Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		FLT									
393.70	413.30	Feature 1	PED65305	393.75	394.45	0.70	0.22	0.220	-	-	
		Type	PED65306	394.45	395.00	0.55	0.80	0.800	-	-	
		Dyke % Thickness Colour Vein	PED65308	395.00	396.00	1.00	0.37	0.365	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED65309	396.00	397.00	1.00	0.64	0.643	-	-	
		QLF: ALT	PED65310	397.00	398.00	1.00	0.53	0.526	-	-	
		Felsic Dyke; White-light Grey; Pinkish; FG bio/chl alteration throughout; 2-3% smokey grey qtz veinlets @ 10 to 40 TCA; LCT @ 30 TCA	PED65311	398.00	399.00	1.00	0.40	0.397	-	-	
		Alteration : Type/Intensity/Texture	PED65312	399.00	399.80	0.80	0.32	0.318	-	-	
		BIO 2 PRV	PED65313	399.80	400.50	0.70	0.35	0.350	-	-	
			PED65315	400.50	401.05	0.55	0.35	0.353	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED65316	401.05	401.60	0.55	0.66	0.663	-	-	
			PED65317	401.60	402.40	0.80	0.43	0.434	-	-	
			PED65318	402.40	403.40	1.00	0.39	0.385	-	-	
			PED65319	403.40	404.40	1.00	1.08	1.080	-	-	
			PED65320	404.40	405.40	1.00	0.93	0.926	-	-	
			PED65322	405.40	406.40	1.00	0.84	0.837	-	-	
			PED65323	406.40	407.35	0.95	0.19	0.187	-	-	
			PED65324	407.35	408.35	1.00	0.38	0.378	-	-	
			PED65325	408.35	409.25	0.90	0.34	0.343	-	-	
			PED65326	409.25	410.30	1.05	0.27	0.272	-	-	
			PED65327	410.30	410.75	0.45	0.51	0.509	-	-	
			PED65328	410.75	411.55	0.80	0.70	0.697	-	-	
			PED65329	411.55	412.00	0.45	0.57	0.574	-	-	
			PED65331	412.00	412.60	0.60	0.40	0.399	-	-	
			PED65332	412.60	413.30	0.70	0.32	0.315	-	-	
413.30	420.05	Feature 1	PED65333	413.30	414.10	0.80	0.03	0.027	-	-	
		Type	PED65334	414.10	415.05	0.95	0.01	0.008	-	-	
		I1A Gabbro	PED65335	415.05	416.10	1.05	0.01	0.010	-	-	
		QLF: ALT FOL GS2	PED65336	416.10	417.10	1.00	0.01	0.009	-	-	
		Gabbro; med-green; talcose; speckled bio/chl/talc alteration; Mod-strong fol // to S1 @ 35 TCA; 3% qtz carb veinlets w/ mod silicification // to	PED65337	417.10	418.10	1.00	0.00	<0.005	-	-	
		Alteration :	PED65338	418.10	419.10	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED65339	419.10	420.05	0.95	0.03	0.031	-	-	
		AMP									
		SIL									
		TLC									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au															
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)											
420.05	425.45	Feature 1	PED65340	420.05	420.75	0.70	0.13	0.128	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	□	0	0			PED65341	420.75	421.50	0.75	0.36	0.361	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	□	0	0																			
		QLF: GS1 FOL	PED65343	421.50	422.00	0.50	0.08	0.077	-	-												
		Hi Di Basalt; Dark Brown/Grey; VF-FG; mod-strong bio alteration throughout; 1-2% mm scale veinlets at chaotic orientations; trace sulphides assoc w/ silicious veining	PED65344	422.00	422.75	0.75	0.93	0.925	-	-												
			PED65345	422.75	423.55	0.80	0.19	0.194	-	-												
			PED65346	423.55	424.45	0.90	0.09	0.087	-	-												
			PED65347	424.45	425.45	1.00	0.33	0.326	-	-												
		Alteration :																				
		Type/Intensity/Texture																				
		AMP																				
		SIL 1 VND																				
		BIO 2 PRV																				
425.45	431.80	Feature 1	PED65349	425.45	426.30	0.85	0.00	<0.005	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;">□</td> <td style="text-align: center;">30</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	□	30	0			PED65350	426.30	426.95	0.65	0.00	<0.005	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
V2A Quartz_carb_actinolite_vein	□	30	0																			
		QLF: VND SHD PLA	PED66901	426.95	427.25	0.30	0.03	0.027	-	-												
		Talc-Altered Gabbro with 30% V2A veining @ 35 to 60 TCA; Creamy to Smokey 1-15 cm qtz veins with actinolite-altered contacts; trace sulphides; host rock med-dark mottled green consistent with gabbroic texture; mod-strong talc alt; LCT defined by dissipating veining downhole from E1H contact	PED66902	427.25	427.65	0.40	0.03	0.033	-	-												
			PED66903	427.65	428.30	0.65	0.04	0.039	-	-												
			PED66904	428.30	428.90	0.60	0.06	0.057	-	-												
			PED66906	428.90	429.55	0.65	0.04	0.037	-	-												
			PED66907	429.55	430.40	0.85	0.03	0.030	-	-												
		Alteration :																				
		Type/Intensity/Texture																				
		AMP																				
		SIL 3 PRV																				
		AC 2 LOC																				
		Structure:																				
		425.45 - 431.80 Alpha: 50 Beta: 0																				
			PED66908	430.40	431.15	0.75	0.89	0.887	-	-												
			PED66909	431.15	431.80	0.65	0.54	0.538	-	-												



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity V2A 3									
		CA1: CA2: 35 60									
		Feature 2:									
		Type E0T <i>Talc_rich_unit</i>	Dyke <input type="checkbox"/>	% 70	Thickness 0	Colour	Vein				
		QLF: VND SHD PLA									
		Alteration : Type/Intensity/Texture TLC 3 PRV									
431.80	448.80	Feature 1									
		Type E0T <i>Talc_rich_unit</i>	Dyke <input type="checkbox"/>	% 0	Thickness 0	Colour	Vein				
		QLF: ALT GS0 FOL Talc-Altered Gabbro; Med Green/Blue; creamy talcose alteration of speckled gabbroic texture; strong S1 fol @ 55 TCA									
		Alteration : Type/Intensity/Texture TLC 3 PRV									
			PED66910	431.80	432.75	0.95	0.02	0.024	-	-	
			PED66911	432.75	433.75	1.00	0.00	<0.005	-	-	
			PED66912	433.75	434.35	0.60	0.00	<0.005	-	-	
			PED66913	434.35	435.35	1.00	0.00	<0.005	-	-	
			PED66914	435.35	436.35	1.00	0.00	<0.005	-	-	
			PED66915	436.35	437.35	1.00	0.00	<0.005	-	-	
			PED66917	437.35	438.35	1.00	0.00	<0.005	-	-	
			PED66918	438.35	439.35	1.00	0.00	<0.005	-	-	
			PED66919	439.35	440.00	0.65	0.00	<0.005	-	-	
			PED66920	440.00	440.60	0.60	0.01	0.006	-	-	
			PED66921	440.60	441.15	0.55	0.00	<0.005	-	-	
			PED66923	441.15	442.20	1.05	0.00	<0.005	-	-	
			PED66924	442.20	443.05	0.85	0.00	<0.005	-	-	
			PED66925	443.05	444.00	0.95	0.00	<0.005	-	-	
			PED66926	444.00	445.00	1.00	0.00	<0.005	-	-	
			PED66927	445.00	446.00	1.00	0.00	<0.005	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED66928	446.00	446.90	0.90	0.00	<0.005	-	-	
			PED66929	446.90	447.65	0.75	0.03	0.034	-	-	
			PED66930	447.65	448.80	1.15	0.00	<0.005	-	-	
448.80	451.85	Feature 1	PED66932	448.80	449.75	0.95	0.00	<0.005	-	-	
		Type	PED66933	449.75	450.60	0.85	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED66934	450.60	450.95	0.35	0.00	<0.005	-	-	
		IOE Lamprophyre <input type="checkbox"/> 0 0	PED66935	450.95	451.85	0.90	0.00	<0.005	-	-	
		QLF: GS1 MAS									
		Lamp Dyke; Med-Dark grey to black; FG; MG biotite flecks in carbonaceous groundmass; mod-strong magnetism; LCT @ 65 TCA									
		Alteration : Type/Intensity/Texture									
		BIO 1 PRV									
		CB 2 PRV									
451.85	454.50	Feature 1	PED66936	451.85	452.85	1.00	0.05	0.052	-	-	
		Type	PED66937	452.85	453.40	0.55	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED66938	453.40	453.70	0.30	0.16	0.163	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED66939	453.70	454.25	0.55	0.04	0.043	-	-	
		QLF: SHD GS1	PED66940	454.25	454.40	0.15	0.20	0.195	-	-	
		Talc-Altered BK; Med-Dark green; creamy talcose stringers // to mod S1 fol @ 60 TCA; locally sheared; LCT defined by 15 cm creamy V2A @ 45 TCA									
		Alteration : Type/Intensity/Texture									
		AMP									
		TLC 2 PRV									
		Structure:									
		453.40 - 453.70 Alpha: 35 Beta: 0									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity V1 2 CA1: 30 CA2: 40									
	454.25 - 454.40	Alpha: 60 Beta: 0 Type/GEN/Intensity V2A CA1: 55 CA2: 65									
454.50	455.20	Feature 1	PED66941	454.40	455.20	0.80	0.53	0.532	-	-	
		Type E1H High_titanium_basalt QLF: GS1 FOL BRK Hi Ti; Dark Brown/Mottled Green; Aphanitic-VF; mod black line-brx texture throughout foliated/imbricated @ 40 TCA; trace sulphides at contacts; LCT @ 35 TCA Alteration : BIO 1 PRV									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0									
455.20	467.65	Feature 1	PED66943	455.20	456.20	1.00	0.02	0.018	-	-	
		Type I1A Gabbro QLF: FOL GS1 Gabbro; Med-Dark Mottled green; FG-MG; characteristic speckled gabbroic texture; strong S1 Fol @ 30 TCA; LCT @ 40 TCA Alteration : CHL 2 PRV	PED66944	456.20	456.50	0.30	0.03	0.026	-	-	
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0	PED66945	456.50	457.50	1.00	0.01	0.008	-	-	
			PED66946	457.50	458.50	1.00	0.13	0.127	-	-	
			PED66947	458.50	459.45	0.95	0.01	0.011	-	-	
			PED66948	459.45	460.45	1.00	0.01	0.009	-	-	
			PED66950	460.45	461.45	1.00	0.00	<0.005	-	-	
			PED66951	461.45	462.45	1.00	0.01	0.006	-	-	
			PED66952	462.45	463.25	0.80	0.01	0.005	-	-	
			PED66953	463.25	464.25	1.00	0.01	0.008	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-23**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED66954	464.25	464.90	0.65	0.02	0.016	-	-	
			PED66956	464.90	465.90	1.00	0.00	<0.005	-	-	
			PED66957	465.90	466.65	0.75	0.00	<0.005	-	-	
			PED66958	466.65	467.65	1.00	0.00	<0.005	-	-	
467.65	472.15	Feature 1	PED66959	467.65	468.50	0.85	0.03	0.027	-	-	
		Type	PED66960	468.50	469.50	1.00	0.02	0.020	-	-	
		Dyke % Thickness Colour Vein	PED66961	469.50	470.50	1.00	0.02	0.017	-	-	
		I1 Mafic_intrusive □ 0 0	PED66962	470.50	471.15	0.65	0.02	0.023	-	-	
		QLF: GSO MAS	PED66964	471.15	471.45	0.30	0.02	0.018	-	-	
		Mafic Dyke (Could be E1H?) Dark Grey; Aphanitic-VFG; 3% hairline-mm scale veinlets (see oriented data for measurements); trace sulphides; LCT @ 45 TCA	PED66965	471.45	472.15	0.70	0.03	0.027	-	-	
		Alteration : Type/Intensity/Texture									
		BIO 1 PRV									
472.15	501.00	Feature 1	PED66966	472.15	473.00	0.85	0.08	0.076	-	-	
		Type	PED66967	473.00	474.00	1.00	0.06	0.064	-	-	
		Dyke % Thickness Colour Vein	PED66968	486.20	487.05	0.85	0.00	<0.005	-	-	
		I1A Gabbro □ 0 0	PED66969	487.05	488.05	1.00	0.00	<0.005	-	-	
		QLF: FOL GS2	PED66970	488.05	488.50	0.45	0.00	<0.005	-	-	
		Gabbro; Med-Dark Mottled green; FG-MG; characteristic speckled gabbroic texture; strong S1 Fol @ 30 TCA; sheared V2 Veining @ 20 TCA from 4885-489.75 m; EOH @ 501 m	PED66971	488.50	489.10	0.60	0.04	0.039	-	-	
		Alteration : Type/Intensity/Texture	PED66972	489.10	489.75	0.65	0.02	0.016	-	-	
		CHL 2 PRV	PED66974	489.75	490.75	1.00	0.00	<0.005	-	-	
		Structure:	PED66975	490.75	491.75	1.00	0.00	<0.005	-	-	
		488.50 - 489.75 Alpha: 20 Beta: 0	PED66976	491.75	492.50	0.75	0.00	<0.005	-	-	
		Type/GEN/Intensity CA1: CA2:	PED66977	492.50	493.50	1.00	0.01	0.007	-	-	
		V2A 2 20 30	PED66978	493.50	494.50	1.00	0.00	<0.005	-	-	



LITHOLOGY REPORT

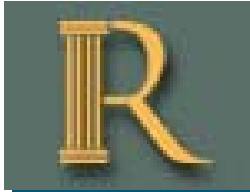
- Detailed -

Hole Number **305-17-23**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	498.35 - 498.70	Alpha: 25 Type/GEN/Intensity SHD V2A 2									
		Beta: 295 CA1: CA2: 30 30 30 30	PED66980	494.50	495.50	1.00	0.00	<0.005	-	-	-
			PED66981	495.50	496.50	1.00	0.01	0.007	-	-	-
			PED66982	496.50	497.45	0.95	0.00	<0.005	-	-	-
			PED66983	497.45	498.35	0.90	0.01	0.011	-	-	-
			PED66984	498.35	498.70	0.35	0.03	0.029	-	-	-
			PED66986	498.70	499.50	0.80	0.01	0.012	-	-	-
			PED66987	499.50	500.00	0.50	0.08	0.083	-	-	-
			PED66988	500.00	501.00	1.00	0.14	0.139	-	-	-



DRILL HOLE REPORT

Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 78.58	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -44.62	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 351	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 10-Jul-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 15-Jul-17				Surveyed: yes
Logged: 16-Aug-17				Surveyed by: Mark Cottrell

Comment: Hole setup a little off line 117Az planned but 120Az actual at collar due to corner of wall. Reviewed and observed at top of hole and decided to continue.

Coordinate - Gemcom	Coordinate - UTM
East: 10221.854	East: 448366.51
North: 50059.077	North: 5663847.75
Elev.: 5066.656	Elev.: 66.66
	Zone: 15N NAD: NAD83

Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	78.58	-44.62	C	<input checked="" type="checkbox"/>	Changed to fit reflex from layout of 117
0.10	78.57	-44.62	Gyro	<input checked="" type="checkbox"/>	
10.10	78.54	-44.64	Gyro	<input checked="" type="checkbox"/>	
15.00	76.76	-44.37	DeviShot	<input type="checkbox"/>	Replaced by gyro
18.00	78.09	-44.45	DeviShot	<input type="checkbox"/>	Replaced by gyro
20.10	78.48	-44.85	Gyro	<input checked="" type="checkbox"/>	
30.10	78.40	-44.95	Gyro	<input checked="" type="checkbox"/>	
40.10	78.50	-44.95	Gyro	<input checked="" type="checkbox"/>	
48.00	78.46	-44.69	DeviShot	<input type="checkbox"/>	Replaced by gyro
50.10	78.49	-44.96	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
60.10	78.51	-45.02	Gyro	<input checked="" type="checkbox"/>	
70.10	78.45	-44.97	Gyro	<input checked="" type="checkbox"/>	
80.10	78.57	-45.00	Gyro	<input checked="" type="checkbox"/>	
90.10	78.75	-45.01	Gyro	<input checked="" type="checkbox"/>	
100.10	78.83	-45.03	Gyro	<input checked="" type="checkbox"/>	
101.00	77.58	-44.69	DeviShot	<input type="checkbox"/>	Replaced by gyro
110.10	78.69	-45.07	Gyro	<input checked="" type="checkbox"/>	
120.10	78.71	-44.99	Gyro	<input checked="" type="checkbox"/>	
129.00	79.04	-44.90	DeviShot	<input type="checkbox"/>	Replaced by gyro
130.10	78.64	-44.97	Gyro	<input checked="" type="checkbox"/>	
140.10	78.59	-45.00	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-24

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
150.00	75.96	-44.73	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
150.10	78.54	-45.06	Gyro	<input checked="" type="checkbox"/>	
160.10	78.41	-44.99	Gyro	<input checked="" type="checkbox"/>	
170.10	78.42	-45.07	Gyro	<input checked="" type="checkbox"/>	
177.00	73.00	-44.95	DeviSh ot	<input type="checkbox"/>	Suspect - removed; Replaced by gyro
180.10	78.38	-45.05	Gyro	<input checked="" type="checkbox"/>	
190.10	78.37	-45.02	Gyro	<input checked="" type="checkbox"/>	
200.10	78.28	-45.07	Gyro	<input checked="" type="checkbox"/>	
201.00	79.84	-44.96	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	78.22	-45.06	Gyro	<input checked="" type="checkbox"/>	
216.00	79.23	-44.80	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
220.10	78.11	-45.21	Gyro	<input checked="" type="checkbox"/>	
230.10	78.05	-45.28	Gyro	<input checked="" type="checkbox"/>	
240.10	77.95	-45.22	Gyro	<input checked="" type="checkbox"/>	
250.10	77.84	-45.27	Gyro	<input checked="" type="checkbox"/>	
252.00	76.14	-45.08	DeviSh ot	<input type="checkbox"/>	Suspect - removed; Replaced by gyro
260.10	77.96	-45.24	Gyro	<input checked="" type="checkbox"/>	
270.10	77.86	-45.12	Gyro	<input checked="" type="checkbox"/>	
280.10	77.71	-45.10	Gyro	<input checked="" type="checkbox"/>	
290.10	77.82	-45.10	Gyro	<input checked="" type="checkbox"/>	
300.10	77.94	-45.07	Gyro	<input checked="" type="checkbox"/>	
303.00	82.22	-44.93	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
310.10	77.97	-45.07	Gyro	<input checked="" type="checkbox"/>	
320.10	78.01	-45.09	Gyro	<input checked="" type="checkbox"/>	
330.10	77.96	-45.24	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
340.10	78.08	-45.22	Gyro	<input checked="" type="checkbox"/>	
351.00	84.90	-45.08	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	16.55	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: FTB FLT SHD</p> <p>Talc zone; Med-Dark Green; mod-strong flow top brx throughout; mod S1 fol @ 20 to 35 TCA; locally faulted/gouged; LCT @ 20 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>2.40 - 2.80 Alpha: 20 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">FLT 4 15 30</p>									
16.55	17.15	Feature 1									
		<p style="text-align: center;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: FOL BAN GS2</p> <p>Lamp Dyke; Black; creamy grey/white stringers; FG bio throughout; strong carb content; mod magnetism; dyke runs sub-// to core axis, with foliation anastomosing along CA throughout; reverse dipping contacts each @ 20 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">CB 2 PRV</p> <p style="padding-left: 40px;">BIO 3 PRV</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
17.15	17.85	Feature 1								
		Type								
		EOT Talc_rich_unit								
		Dyke <input type="checkbox"/>								
		% 60								
		Thickness 0								
		Colour								
		Vein								
		QLF: FOL GS1								
		Talc zone; med-dark green; minor talc content; mod S1 fol @ 25 TCA; LCT defined by 5 cm qtz vein // to S1								
		Alteration :								
		Type/Intensity/Texture								
		TLC 2 PRV								
17.85	27.75	Feature 1								
		Type								
		I0E Lamprophyre								
		Dyke <input checked="" type="checkbox"/>								
		% 41								
		Thickness 0								
		Colour								
		Vein								
		QLF:								
		Talc zone with Lamp Dyke Swarm; Dark Green to Black; Aphanitic-VFG; mm-cm scale bands/whisps of chaotic lamp dyke material; indistinguishable preferred orientation; LCT @ 10 TCA								
		Alteration :								
		Type/Intensity/Texture								
		BIO 3 PRV								
		Feature 2:								
		Type								
		EOT Talc_rich_unit								
		Dyke <input checked="" type="checkbox"/>								
		% 60								
		Thickness 0								
		Colour								
		Vein								
		QLF:								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
27.75	59.15	Feature 1	PED66989	37.00	37.70	0.70	0.00	<0.005	-	-	-
		Type	PED66990	37.70	38.10	0.40	0.02	0.017	-	-	-
		E0T Talc_rich_unit	PED66991	38.10	39.00	0.90	0.00	<0.005	-	-	-
		QLF: FTB SHD FLT	PED66992	39.00	39.85	0.85	0.01	0.009	-	-	-
		Talc Zone; Med-Dark Green/Blue; creamy talcose stringers; strong Flow Top breccia texture throughout; sheared/locally faulted // to S1 @ 35 TCA; LCT sheared @ 35 TCA	PED66993	39.85	40.30	0.45	0.01	0.011	-	-	-
			PED66994	40.30	41.05	0.75	0.00	<0.005	-	-	-
			PED66995	41.05	41.40	0.35	0.01	0.013	-	-	-
			PED66997	41.40	42.05	0.65	0.00	<0.005	-	-	-
			PED66998	42.05	42.90	0.85	0.00	<0.005	-	-	-
			PED66999	42.90	43.70	0.80	0.00	<0.005	-	-	-
			PED67000	43.70	44.85	1.15	0.00	<0.005	-	-	-
			PED66890	44.85	45.75	0.90	0.00	<0.005	-	-	-
			PED66891	45.75	46.75	1.00	0.00	<0.005	-	-	-
			PED66892	46.75	47.65	0.90	0.00	<0.005	-	-	-
			PED66894	47.65	48.45	0.80	0.00	<0.005	-	-	-
			PED66895	48.45	49.00	0.55	0.00	<0.005	-	-	-
			PED66896	49.00	49.95	0.95	0.00	<0.005	-	-	-
			PED66897	49.95	50.95	1.00	0.00	<0.005	-	-	-
			PED66898	50.95	52.30	1.35	0.00	<0.005	-	-	-
			PED66899	52.30	53.50	1.20	0.00	<0.005	-	-	-
			PED66900	53.50	54.65	1.15	0.01	0.013	-	-	-
			PED67001	54.65	55.85	1.20	0.00	<0.005	-	-	-
			PED67002	55.85	56.75	0.90	0.00	<0.005	-	-	-
			PED67003	56.75	57.50	0.75	0.01	0.007	-	-	-
			PED67004	57.50	58.50	1.00	0.00	<0.005	-	-	-
			PED67005	58.50	59.15	0.65	0.00	<0.005	-	-	-



LITHOLOGY REPORT

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Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
59.15	65.45	Feature 1	PED67007	59.15	60.00	0.85	0.00	<0.005	-	-	-
		Type	PED67008	60.00	60.50	0.50	0.00	<0.005	-	-	-
		E0T Talc_rich_unit	PED67009	60.50	61.50	1.00	0.00	<0.005	-	-	-
		QLF: GS1 FOL	PED67010	61.50	62.50	1.00	0.00	<0.005	-	-	-
		Talc Zone; Dark Green; VFG; strong S1 fol @ 30 TCA; wk flow top texture; LCT @ 45 TCA	PED67011	62.50	62.95	0.45	0.00	<0.005	-	-	-
		Alteration :	PED67012	62.95	63.80	0.85	0.01	0.014	-	-	-
		Type/Intensity/Texture	PED67013	63.80	64.80	1.00	0.00	<0.005	-	-	-
		AMP	PED67014	64.80	65.45	0.65	0.00	<0.005	-	-	-
		TLC 2 PRV									
65.45	71.75	Feature 1	PED67015	65.45	66.20	0.75	0.00	<0.005	-	-	-
		Type	PED67016	66.20	67.00	0.80	0.01	0.005	-	-	-
		E0T Talc_rich_unit	PED67018	67.00	68.00	1.00	0.00	<0.005	-	-	-
		QLF: FTB SHD GS1	PED67019	68.00	69.00	1.00	0.00	<0.005	-	-	-
		Talc Zone; Med-Dark Green/Blue; creamy talcose stringers; strong Flow Top breccia texture throughout; sheared/locally faulted // to S1 @ 35 TCA; LCT gradational @ 35 TCA	PED67020	69.00	70.00	1.00	0.00	<0.005	-	-	-
		Alteration :	PED67021	70.00	71.00	1.00	0.00	<0.005	-	-	-
		Type/Intensity/Texture	PED67022	71.00	71.75	0.75	0.01	0.007	-	-	-
		AMP									
		TLC 3 PRV									
		Structure:									
		68.00 - 69.00									
		Alpha: 45									
		Beta: 0									
		Type/GEN/Intensity									
		FLT 2									
		CA1: 45									
		CA2: 55									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
71.75	83.60	Feature 1	PED67023	71.75	72.55	0.80	0.00	<0.005	-	-		
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> % Thickness Colour Vein</p> <p>QLF: GS1</p> <p>Ultramafic; mod talc alteration; Med green; VFG; wk flow top brx texture; Mod fol @ 55 TCA; banded sheared qtz carb vein @ 30 TCA from 75.45-76.4 m; smokey qtz vein @ 80 TCA from 80.7-81 m; LCT gradational @ 55 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p> <p>Structure:</p> <p>72.55 - 73.45 Alpha: 30 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">V2 2 30 35</p> <p>75.45 - 76.40 Alpha: 35 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">V3 2 35 35</p> <p style="margin-left: 20px;">SHD 2 35 35</p>	PED67024	72.55	73.45	0.90	0.00	<0.005	-	-		
			PED67026	73.45	74.45	1.00	0.01	0.007	-	-		
			PED67027	74.45	75.45	1.00	0.00	<0.005	-	-		
			PED67028	75.45	76.40	0.95	0.00	<0.005	-	-		
			PED67030	76.40	77.00	0.60	0.00	<0.005	-	-		
			PED67031	77.00	77.70	0.70	0.00	<0.005	-	-		
			PED67032	77.70	78.70	1.00	0.00	<0.005	-	-		
			PED67033	78.70	79.70	1.00	0.01	0.007	-	-		
			PED67034	79.70	80.70	1.00	0.01	0.012	-	-		
			PED67035	80.70	81.00	0.30	0.00	<0.005	-	-		
			PED67037	81.00	82.00	1.00	0.00	<0.005	-	-		
83.60	98.30	Feature 1	PED67038	97.30	98.30	1.00	0.00	<0.005	-	-		
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit <input type="checkbox"/> % Thickness Colour Vein</p> <p>QLF: FTB GS1 FOL</p> <p>Talc Zone; Med-Dark Green/Blue; creamy talcose stringers; mod Flow Top breccia texture throughout; sheared/locally faulted // to S1 @ 35 TCA; LCT @ 35 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 3 PRV</p>										



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Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
98.30	109.60	Feature 1	PED67039	98.30	99.30	1.00	0.00	<0.005	-	-	
		Type	PED67040	99.30	100.30	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED67041	100.30	101.30	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67042	101.30	102.25	0.95	0.00	<0.005	-	-	
		QLF: FTB FLT SHD	PED67043	102.25	103.25	1.00	0.00	<0.005	-	-	
		Faulted Talc; Dark Green; Mod-strong Flow Top texture assoc w strong shearing/faulted @ 30-35 TCA; wk-mod carbonatization and silicification; LCT sheared @ 35 TCA	PED67044	103.25	104.25	1.00	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture	PED67045	104.25	105.25	1.00	0.01	0.006	-	-	
		TLC 3 PRV	PED67046	105.25	106.25	1.00	0.00	<0.005	-	-	
		Structure:	PED67048	106.25	107.25	1.00	0.00	<0.005	-	-	
		98.30 - 109.60 Alpha: Beta: 0	PED67049	107.25	108.25	1.00	0.00	<0.005	-	-	
		Type/GEN/Intensity CA1: CA2:	PED67050	108.25	109.10	0.85	0.00	<0.005	-	-	
		SHD 3 30 35	PED67051	109.10	109.60	0.50	0.00	<0.005	-	-	
		FLT 3 30 35									
109.60	127.85	Feature 1	PED67052	109.60	110.50	0.90	0.01	0.005	-	-	
		Type	PED67053	126.00	127.00	1.00	0.01	0.006	-	-	
		Dyke % Thickness Colour Vein	PED67054	127.00	127.85	0.85	0.15	0.145	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0									
		QLF: FOL GS1									
		Talc Zone; Dark Green/Blue; Aphanitic; appears to be Periodotitic Komatiite (PK); mod S1 Fol @ 50 TCA; LCT @ 55 TCA									
		Alteration : Type/Intensity/Texture									
		AMP									
		SIL									



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Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO									
127.85	134.90	Feature 1	PED67055	127.85	128.80	0.95	0.27	0.266	-	-	
		Type	PED67056	128.80	129.80	1.00	0.23	0.226	-	-	
		Dyke % Thickness Colour Vein	PED67057	129.80	130.80	1.00	0.48	0.476	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0	PED67058	130.80	131.75	0.95	0.44	0.444	-	-	
		QLF: GS1 FOL	PED67059	131.75	132.35	0.60	0.74	0.737	-	-	
		Hi Ti Basalt; Dark Green/Brown; Aphanitic-VFG; mod fol @ 65 TCA; trace qtz crb veinlets predominantly // to fol; fractures discordant to fol @ 30 to 40 TCA ~every 1 m; minor shearing @ LCT @ 45 TCA	PED67060	132.35	132.80	0.45	0.61	0.607	-	-	
		Alteration : Type/Intensity/Texture	PED67062	132.80	133.50	0.70	0.64	0.641	-	-	
		BIO 2 PRV	PED67063	133.50	134.35	0.85	0.93	0.926	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT Comment	PED67064	134.35	134.90	0.55	0.66	0.660	-	-	
		127.85 - PO GS1 3.5 DIS FG dism Py within E1H									
		134.90									
134.90	146.65	Feature 1	PED67065	134.90	135.90	1.00	0.15	0.145	-	-	
		Type	PED67066	135.90	136.75	0.85	0.07	0.066	-	-	
		Dyke % Thickness Colour Vein	PED67067	136.75	137.45	0.70	0.18	0.180	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	PED67068	137.45	138.35	0.90	0.55	0.549	-	-	
		QLF: GS0 VND	PED67070	138.35	139.25	0.90	0.13	0.126	-	-	
		Felsic Dykel; light-med grey/green; pinkish; aphanitic-VFG; wk bio/chl present in silicious dyke; wk fol @ 40 TCA; 2% mm-cm scale smokey qtz veins with up to 10% Po within vein predominantly // to Fol; LCT @ 60 TCA	PED67071	139.25	140.30	1.05	0.07	0.065	-	-	
		Alteration : Type/Intensity/Texture	PED67072	140.30	141.30	1.00	0.05	0.045	-	-	
		CHL 1 PRV	PED67073	141.30	142.00	0.70	0.20	0.203	-	-	
		BIO 1 PRV	PED67075	142.00	142.90	0.90	0.03	0.027	-	-	



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Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Mineralization Maj. : Type/GSZ%/HABIT									
		134.90 - PY GS1 2 DIS									
		138.35									
		Comment									
		5 cm smokey qtz vein @ 25 TCA; ~6% sulphides predominantly at the contact of vein	PED67076	142.90	143.80	0.90	0.04	0.037	-	-	
			PED67077	143.80	144.85	1.05	0.06	0.057	-	-	
			PED67078	144.85	145.75	0.90	0.06	0.057	-	-	
			PED67079	145.75	146.65	0.90	0.08	0.080	-	-	
146.65	148.15	Feature 1	PED67080	146.65	147.25	0.60	1.45	1.450	-	-	
		Type	PED67082	147.25	148.15	0.90	2.04	2.040	-	-	
		E1H High_titanium_basalt									
		QLF: GS1 FOL VND									
		Hi Ti Basalt; Dark Green/Brown; Aphanitic-VFG; mod fol @ 45 TCA; 2% mm scale qtz crb veinlets predominantly // to fol; @ LCT @ 45 TCA									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		BIO 2 PRV									
148.15	149.55	Feature 1	PED67083	148.15	148.70	0.55	0.11	0.110	-	-	
		Type	PED67084	148.70	149.65	0.95	0.29	0.292	-	-	
		E0T Talc_rich_unit									
		QLF: GS1 FOL ALT									
		Talc-Altered BK; Lt-Med Green; VF-FG; mod fol @ 55 TCA; mod talc alteration; LCT @ 55 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									



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Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA																				
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)																				
149.55	150.95	Feature 1	PED67085	149.65	150.30	0.65	0.02	0.018	-	-																				
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: GS1 FOL</p> <p>Hi Ti Basalt; Dark Green/Brown; Aphanitic-VFG; mod fol @ 55 to 60TCA; 3-4% mm scale qtz crb veinlets predominantly // to fol; @ LCT @ 55 TCA</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CB 2 VND</td> <td></td> </tr> <tr> <td>CHL 1 PRV</td> <td></td> </tr> <tr> <td>BIO 2 PRV</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	0	0			Type/Intensity/Texture		CB 2 VND		CHL 1 PRV		BIO 2 PRV		PED67086	150.30	150.95	0.65	0.01	0.006	-	-
Type	Dyke	%	Thickness	Colour	Vein																									
E1H High_titanium_basalt	☐	0	0																											
Type/Intensity/Texture																														
CB 2 VND																														
CHL 1 PRV																														
BIO 2 PRV																														
150.95	177.60	Feature 1	PED67088	150.95	151.90	0.95	0.03	0.027	-	-																				
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: ALT DEF GS0</p> <p>Talc Zone; Most likely Perioditic Komatiite (PK); Dark Grey/Blue; creamy talcose stringers; Mod S1 Fol @ 40 TCA; LCT sheared @ 50 TCA</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>TLC 3 PRV</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	☐	0	0			Type/Intensity/Texture		TLC 3 PRV		PED67089	151.90	152.80	0.90	0.01	0.005	-	-				
Type	Dyke	%	Thickness	Colour	Vein																									
E0T Talc_rich_unit	☐	0	0																											
Type/Intensity/Texture																														
TLC 3 PRV																														
			PED67090	152.80	153.80	1.00	0.00	<0.005	-	-																				
			PED67091	175.80	176.75	0.95	0.00	<0.005	-	-																				
			PED67092	176.75	177.60	0.85	0.10	0.096	-	-																				



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
177.60	183.45	Feature 1	PED67093	177.60	178.15	0.55	3.05	3.050	-	-		
		Type	PED67095	178.15	178.90	0.75	0.90	0.902	-	-		
		E1H High_titanium_basalt	PED67096	178.90	179.80	0.90	0.17	0.170	-	-		
		QLF:	PED67097	179.80	180.50	0.70	0.13	0.131	-	-		
		Hi Ti Basalt; Dark Grey/Black; aphanitic; massive; 2-3% dism Po throughout; trace hairline-mm qtz carb veinlets @ various orientations	PED67098	180.50	181.00	0.50	1.96	1.960	-	-		
			PED67099	181.00	181.85	0.85	0.32	0.315	-	-		
			PED67100	181.85	182.65	0.80	0.04	0.041	-	-		
			PED67101	182.65	183.45	0.80	3.73	3.730	-	-		
		Alteration :										
		Type/Intensity/Texture										
		AMP										
		SIL										
		BIO										
183.45	193.90	Feature 1	PED67102	183.45	184.00	0.55	0.31	0.310	-	-		
		Type	PED67103	184.00	185.00	1.00	0.68	0.681	-	-		
		I3 Felsic_intrusive	PED67104	185.00	186.00	1.00	0.16	0.161	-	-		
		QLF: GS1 FOL ALT	PED67105	186.00	187.00	1.00	0.11	0.107	-	-		
		Felsic Dykel; light-med grey/green; pinkish; aphanitic-VFG; wk bio/chl present in silicious dyke; wk fol @ 40 TCA; 2% mm-cm scale smokey qtz veins with trace Po within vein predominantly // to Fol; LCT @ 50 TCA	PED67106	187.00	188.00	1.00	0.16	0.156	-	-		
			PED67107	188.00	189.00	1.00	0.06	0.058	-	-		
			PED67108	189.00	190.00	1.00	0.20	0.195	-	-		
			PED67110	190.00	191.00	1.00	0.06	0.059	-	-		
			PED67111	191.00	191.85	0.85	0.16	0.160	-	-		
			PED67112	191.85	192.50	0.65	0.17	0.168	-	-		
			PED67113	192.50	193.45	0.95	0.29	0.293	-	-		
			PED67114	193.45	193.90	0.45	0.29	0.285	-	-		
193.90	194.20	Feature 1	PED67115	193.90	194.20	0.30	24.60	>10.000	24.60	-		
		Type										
		Dyke										
		%										
		Thickness										
		Colour										
		Vein										



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Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 QLF: GS1 FOL Hi Ti Dark Brown/Black/Green; 0.3 m sliver of Hi Ti between I3 and E0T; fol @ 60 TCA; 2% dism Po/Py; LCT @ 65 TCA Alteration : <i>Type/Intensity/Texture</i> BIO 2 PRV									
194.20	262.90	Feature 1	PED67116	194.20	194.85	0.65	0.03	0.025	-	-	
		Type Dyke % Thickness Colour Vein E0T Talc_rich_unit <input type="checkbox"/> 0 0 QLF: GS1 FOL Talc Zone; Periodotitic Komatiite; Dark Blue; aphanitic-VFG; Mod S1 fol @ 40 TCA Alteration : <i>Type/Intensity/Texture</i> TLC 3 PRV Structure: 226.40 - 262.90 Alpha: 35 Beta: 0 <i>Type/GEN/Intensity</i> CA1: CA2: V2 1 35 6 SHD 3 35 60	PED67117	194.85	195.80	0.95	0.01	0.011	-	-	
			PED67118	195.80	196.70	0.90	0.03	0.030	-	-	
			PED67119	196.70	197.70	1.00	0.00	<0.005	-	-	
			PED67120	225.55	226.40	0.85	0.00	<0.005	-	-	
			PED67121	226.40	227.40	1.00	0.00	<0.005	-	-	
			PED67123	227.40	228.15	0.75	0.01	0.009	-	-	
			PED67124	228.15	229.10	0.95	0.00	<0.005	-	-	
			PED67126	229.10	229.95	0.85	0.00	<0.005	-	-	
			PED67127	229.95	230.95	1.00	0.00	<0.005	-	-	
			PED67128	230.95	231.80	0.85	0.00	<0.005	-	-	
			PED67129	231.80	232.50	0.70	0.00	<0.005	-	-	
			PED67130	232.50	233.50	1.00	0.01	0.010	-	-	
			PED67131	233.50	234.25	0.75	0.00	<0.005	-	-	
		Feature 2:	PED67133	234.25	234.75	0.50	0.00	<0.005	-	-	
		Type Dyke % Thickness Colour Vein E0A Peridotitic_komatiite <input type="checkbox"/> 0 0 QLF: GS1 FOL	PED67134	234.75	235.70	0.95	0.01	0.010	-	-	
			PED67135	235.70	236.50	0.80	0.01	0.009	-	-	
			PED67136	236.50	237.50	1.00	0.02	0.024	-	-	
			PED67137	237.50	238.35	0.85	0.01	0.005	-	-	



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Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED67138	238.35	239.35	1.00	0.00	<0.005	-	-	-
			PED67139	239.35	240.15	0.80	0.01	0.006	-	-	-
			PED67141	240.15	240.75	0.60	0.01	0.010	-	-	-
			PED67142	240.75	241.15	0.40	0.01	0.014	-	-	-
			PED67143	241.15	242.45	1.30	0.00	<0.005	-	-	-
			PED67144	242.45	243.50	1.05	0.00	<0.005	-	-	-
			PED67145	243.50	244.05	0.55	0.00	<0.005	-	-	-
			PED67146	244.05	245.15	1.10	0.00	<0.005	-	-	-
			PED67147	245.15	246.20	1.05	0.00	<0.005	-	-	-
			PED67148	246.20	247.15	0.95	0.01	0.005	-	-	-
			PED67150	247.15	248.15	1.00	0.00	<0.005	-	-	-
			PED67151	248.15	249.00	0.85	0.00	<0.005	-	-	-
			PED67152	249.00	249.50	0.50	0.00	<0.005	-	-	-
			PED67153	249.50	250.50	1.00	0.01	0.006	-	-	-
			PED67154	250.50	251.55	1.05	0.00	<0.005	-	-	-
			PED67155	251.55	252.45	0.90	0.00	<0.005	-	-	-
			PED67156	252.45	253.25	0.80	0.00	<0.005	-	-	-
			PED67157	253.25	254.00	0.75	0.00	<0.005	-	-	-
			PED67159	254.00	255.00	1.00	0.00	<0.005	-	-	-
			PED67160	255.00	256.00	1.00	0.00	<0.005	-	-	-
			PED67161	256.00	257.00	1.00	0.00	<0.005	-	-	-
			PED67162	257.00	258.00	1.00	0.04	0.038	-	-	-
			PED67163	258.00	258.65	0.65	0.04	0.039	-	-	-
			PED67165	258.65	259.65	1.00	0.92	0.920	-	-	-
			PED67166	259.65	260.40	0.75	0.01	0.014	-	-	-
			PED67167	260.40	261.20	0.80	0.01	0.008	-	-	-
			PED67168	261.20	262.00	0.80	0.01	0.011	-	-	-



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
			PED67169	262.00	262.90	0.90	0.01	0.007	-	-	
262.90	264.40	Feature 1	PED67170	262.90	263.90	1.00	0.02	0.016	-	-	
		<p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: GS1 FOL</p> <p>Hi Ti Basalt; Dark Green/Brown; VFG; 70% Hi ti basalt with 40 cm band of E0T from 263.9-264.3 m; mod-strong fol @ 40 TCA; trace qtz carb stringers predominantly // to fol; LCT sharp @ 40 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 1 PRV</p>	PED67172	263.90	264.40	0.50	0.01	0.011	-	-	
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: FTB CST GS1</p> <p>Talc Zone; Dark Blue/Green-Grey; Talc-Altered Perioditic Komatiite; med-dark grey talcose stringers locally chaotic but predominantly // to S1 @ 55 TCA; wk-mod flow top brx texture (possible pillows?) with 3-5% strong chert sutures throughout; E0H @ 351</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p> <p>Structure: 264.40 - 268.40 Alpha: 40 Beta: 0 Type/GEN/Intensity SHD 2 CA1: 40 CA2: 50</p>	PED67173	264.40	265.40	1.00	0.01	0.014	-	-	
			PED67174	265.40	266.40	1.00	0.06	0.064	-	-	
			PED67175	266.40	266.90	0.50	0.01	0.011	-	-	
			PED67176	266.90	267.40	0.50	0.01	0.013	-	-	
			PED67177	267.40	268.40	1.00	0.01	0.010	-	-	
			PED67178	268.40	269.40	1.00	0.01	0.007	-	-	
			PED67180	269.40	270.25	0.85	0.01	0.006	-	-	
			PED67181	270.25	271.00	0.75	0.00	<0.005	-	-	
			PED67182	271.00	272.00	1.00	0.00	<0.005	-	-	
			PED67183	272.00	272.80	0.80	0.01	0.005	-	-	
			PED67184	272.80	273.40	0.60	0.00	<0.005	-	-	
			PED67185	273.40	274.25	0.85	0.00	<0.005	-	-	
			PED67186	274.25	275.20	0.95	0.01	0.006	-	-	
			PED67187	275.20	276.20	1.00	0.01	0.006	-	-	
			PED67188	276.20	277.25	1.05	0.01	0.007	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-24**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
272.00 - 282.65	Alpha: 30	Beta: 0		PED67189	277.25	277.95	0.70	0.00	<0.005	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED67191	277.95	278.75	0.80	0.01	0.006	-	-	
	SHD 2	30		PED67192	278.75	279.60	0.85	0.00	<0.005	-	-	
309.80 - 310.15	Alpha: 40	Beta: 0		PED67193	279.60	280.65	1.05	0.00	<0.005	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED67195	280.65	281.75	1.10	0.00	<0.005	-	-	
	V3S 2	35	40	PED67196	281.75	282.35	0.60	0.00	<0.005	-	-	
	Mineralization Maj. : Type/GSZ%/HABIT	Comment		PED67197	282.35	282.65	0.30	0.00	<0.005	-	-	
309.80 - 310.15	CP GS2 0.5 FLK	1 flake of Chalcopyrite in 3 cm qtz carb vein		PED67198	282.65	283.25	0.60	0.00	<0.005	-	-	
				PED67199	283.25	283.80	0.55	0.00	<0.005	-	-	
				PED67200	283.80	284.75	0.95	0.00	<0.005	-	-	
				PED67201	284.75	285.75	1.00	0.00	<0.005	-	-	
				PED67202	285.75	286.65	0.90	0.00	<0.005	-	-	
				PED67203	286.65	287.60	0.95	0.00	<0.005	-	-	
				PED67204	287.60	288.15	0.55	0.00	<0.005	-	-	
				PED67206	288.15	289.15	1.00	0.03	0.030	-	-	
				PED67207	289.15	290.15	1.00	0.00	<0.005	-	-	
				PED67208	290.15	291.00	0.85	0.00	<0.005	-	-	
				PED67209	291.00	291.55	0.55	0.00	<0.005	-	-	
				PED67210	291.55	292.15	0.60	0.00	<0.005	-	-	
				PED67211	292.15	293.15	1.00	0.01	0.005	-	-	
				PED67212	293.15	294.25	1.10	0.00	<0.005	-	-	
				PED67213	294.25	294.95	0.70	0.00	<0.005	-	-	
				PED67215	294.95	295.90	0.95	0.00	<0.005	-	-	
				PED67216	295.90	296.55	0.65	0.00	<0.005	-	-	
				PED67217	296.55	297.40	0.85	0.00	<0.005	-	-	
				PED67218	297.40	298.35	0.95	0.00	<0.005	-	-	
				PED67219	298.35	299.20	0.85	0.00	<0.005	-	-	



LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-24

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED67220	299.20	299.80	0.60	0.00	<0.005	-	-	
			PED67222	299.80	300.60	0.80	0.00	<0.005	-	-	
			PED67223	300.60	301.50	0.90	0.00	<0.005	-	-	
			PED67224	301.50	301.90	0.40	0.00	<0.005	-	-	
			PED67225	301.90	302.60	0.70	0.00	<0.005	-	-	
			PED67226	302.60	303.50	0.90	0.00	<0.005	-	-	
			PED67227	303.50	304.50	1.00	0.00	<0.005	-	-	
			PED67228	304.50	305.15	0.65	0.00	<0.005	-	-	
			PED67229	305.15	306.00	0.85	0.00	<0.005	-	-	
			PED67231	306.00	307.00	1.00	0.00	<0.005	-	-	
			PED67232	307.00	308.00	1.00	0.00	<0.005	-	-	
			PED67233	308.00	309.00	1.00	0.00	<0.005	-	-	
			PED67234	309.00	309.80	0.80	0.00	<0.005	-	-	
			PED67235	309.80	310.15	0.35	0.00	<0.005	-	-	
			PED67237	310.15	311.00	0.85	0.00	<0.005	-	-	
			PED67238	311.00	312.00	1.00	0.00	<0.005	-	-	
			PED67239	312.00	312.80	0.80	0.00	<0.005	-	-	
			PED67240	312.80	313.75	0.95	0.00	<0.005	-	-	
			PED67241	313.75	314.60	0.85	0.00	<0.005	-	-	
			PED67242	314.60	315.55	0.95	0.00	<0.005	-	-	
			PED67244	315.55	316.50	0.95	0.00	<0.005	-	-	
			PED67245	316.50	317.50	1.00	0.00	<0.005	-	-	
			PED67246	317.50	318.40	0.90	0.00	<0.005	-	-	
			PED67247	318.40	319.50	1.10	0.00	<0.005	-	-	
			PED67248	319.50	320.50	1.00	0.00	<0.005	-	-	
			PED67249	320.50	321.15	0.65	0.00	<0.005	-	-	
			PED67250	321.15	321.45	0.30	0.00	<0.005	-	-	



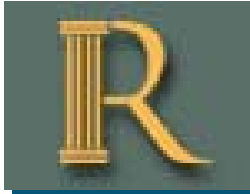
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-24

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED67251	321.45	322.40	0.95	0.00	<0.005	-	-	-
			PED67252	322.40	323.20	0.80	0.00	<0.005	-	-	-
			PED67253	323.20	324.20	1.00	0.00	<0.005	-	-	-
			PED67254	324.20	324.90	0.70	0.00	<0.005	-	-	-
			PED67256	324.90	325.90	1.00	0.00	<0.005	-	-	-
			PED67257	325.90	326.90	1.00	0.00	<0.005	-	-	-
			PED67258	326.90	328.00	1.10	0.00	<0.005	-	-	-
			PED67259	328.00	329.00	1.00	0.00	<0.005	-	-	-



DRILL HOLE REPORT

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 74.15	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysage
Dip: -31.45	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 351	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 15-Jul-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 19-Jul-17				Surveyed: yes
Logged: 20-Aug-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10222.034	East: 448366.76
			North: 50059.251	North: 5663847.75
			Elev.: 5066.599	Elev.: 66.6
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	74.15	-31.45	C	<input checked="" type="checkbox"/>	Changed from 117Az due to setup issues
0.10	72.00	-31.45	Gyro	<input checked="" type="checkbox"/>	
10.10	72.11	-31.60	Gyro	<input checked="" type="checkbox"/>	
15.00	72.51	-31.44	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
20.10	71.98	-31.78	Gyro	<input checked="" type="checkbox"/>	
30.10	71.80	-31.86	Gyro	<input checked="" type="checkbox"/>	
40.10	72.02	-31.92	Gyro	<input checked="" type="checkbox"/>	
50.10	72.11	-31.96	Gyro	<input checked="" type="checkbox"/>	
51.00	75.38	-31.92	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
60.10	72.10	-32.04	Gyro	<input checked="" type="checkbox"/>	
70.10	72.23	-31.95	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	72.35	-31.86	Gyro	<input checked="" type="checkbox"/>	
90.10	72.44	-31.80	Gyro	<input checked="" type="checkbox"/>	
100.10	72.54	-31.76	Gyro	<input checked="" type="checkbox"/>	
102.00	75.45	-31.64	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
110.10	72.48	-31.77	Gyro	<input checked="" type="checkbox"/>	
120.10	72.48	-31.72	Gyro	<input checked="" type="checkbox"/>	
130.10	72.49	-31.78	Gyro	<input checked="" type="checkbox"/>	
140.10	72.56	-31.81	Gyro	<input checked="" type="checkbox"/>	
150.10	72.41	-31.79	Gyro	<input checked="" type="checkbox"/>	
153.00	72.22	-31.65	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
160.10	72.40	-31.73	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-25

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	72.45	-31.85	Gyro	<input checked="" type="checkbox"/>	
180.10	72.47	-31.89	Gyro	<input checked="" type="checkbox"/>	
190.10	72.36	-31.90	Gyro	<input checked="" type="checkbox"/>	
200.10	72.24	-31.85	Gyro	<input checked="" type="checkbox"/>	
204.00	72.90	-31.81	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	72.18	-31.92	Gyro	<input checked="" type="checkbox"/>	
220.10	72.21	-32.00	Gyro	<input checked="" type="checkbox"/>	
225.00	77.75	-31.87	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
230.10	72.22	-31.96	Gyro	<input checked="" type="checkbox"/>	
240.10	72.23	-31.94	Gyro	<input checked="" type="checkbox"/>	
250.10	72.22	-31.90	Gyro	<input checked="" type="checkbox"/>	
260.10	72.29	-31.86	Gyro	<input checked="" type="checkbox"/>	
270.10	72.29	-31.79	Gyro	<input checked="" type="checkbox"/>	
280.10	72.33	-31.73	Gyro	<input checked="" type="checkbox"/>	
290.10	72.35	-31.72	Gyro	<input checked="" type="checkbox"/>	
300.00	78.10	-31.61	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
300.10	72.46	-31.73	Gyro	<input checked="" type="checkbox"/>	
310.10	72.55	-31.72	Gyro	<input checked="" type="checkbox"/>	
320.10	72.59	-31.73	Gyro	<input checked="" type="checkbox"/>	
330.10	72.63	-31.69	Gyro	<input checked="" type="checkbox"/>	
340.10	72.70	-31.64	Gyro	<input checked="" type="checkbox"/>	
351.00	77.84	-31.68	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)													
0.00	13.25	Feature 1																						
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FRA SHD</p> <p>Komatiitic basalt: grey-green, fine grained, massive to shear fabric (@20-40 tca); local flow top brecciation, strong prv chl alt; patchy talc alt zones; silicified zones; serpentized, several strong low angle smooth planar to curvilinear fracture surfaces, minor carbonate threads and breccia infill, no significant mineralization, sharp contact at 13.25 m @ 70 tca with Lamp dyke</p> <p>Alteration :</p> <table style="margin-left: 40px; border: none;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SRP 2 PCH</td> <td></td> </tr> <tr> <td>TLC 3 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 40px; border: none;"> <tr> <td>Alpha: 25</td> <td>Beta: 0</td> </tr> <tr> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td>SHD</td> <td>15 40</td> </tr> </table>	Type/Intensity/Texture		SRP 2 PCH		TLC 3 PCH		CHL 3 PRV		Alpha: 25	Beta: 0	Type/GEN/Intensity	CA1: CA2:	SHD	15 40								
Type/Intensity/Texture																								
SRP 2 PCH																								
TLC 3 PCH																								
CHL 3 PRV																								
Alpha: 25	Beta: 0																							
Type/GEN/Intensity	CA1: CA2:																							
SHD	15 40																							
		<p style="margin-left: 20px;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT FRA SHD</p>																						
13.25	17.65	Feature 1																						
		<p style="margin-left: 20px;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: ALT MAS</p>																						



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
<p>Lamp dyke: black, fine grained, massive, strong prv bi alt; strong prv chl alt, no major fracturing, minor carb veinlets and stringers (2-3/m @ 10 - 20 tca), no significant mineralization, sharp contact at 17.65 m @ 30 tca</p>																							
<p>Alteration : Type/Intensity/Texture</p> <p> CHL 3 PRV</p> <p> BIO 3 PRV</p>																							
<p>Structure:</p> <p>13.25 - 13.25 Alpha: 70 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CS 3 0 0</p>																							
17.65	23.55	Feature 1																					
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT SHD</p> <p>Komatiitic basalt: grey-green, fine grained, massive to shear fabric (@20-40 tca); strong prv chl alt; patchy talc alt zones; silicified zones; serpentinized, several strong low angle smooth planar to curvilinear fracture surfaces, minor carbonate threads stringers veinlets @ 20 - 40 tca, no significant mineralization, sharp contact at 23.55 m @ 50 tca with Lamp dyke</p>												Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	□	98	0	GNM	
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	□	98	0	GNM																			
<p>Alteration : Type/Intensity/Texture</p> <p> SIL 1 PRV</p> <p> TLC 3 PCH</p> <p> CHL 3 PRV</p>																							
<p>Structure:</p> <p>17.65 - 17.65 Alpha: 30 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CS 3 0 0</p>																							



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
23.55	27.90	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>I0E Lamprophyre Dyke <input type="checkbox"/> % 0 Thickness 0 Colour BLK Vein</p> <p>QLF: ALT MAS MIN</p> <p>Lamp dyke: black, fine grained, massive , strong prv bi alt, moderate patchy chl alt; moderate slightly rough planar fractures (3-4/m @ 50 - 60 tca), no significant veining, 1-2% patchy disseminated Py-Po, sharp contact at 27.9 m @ 40 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 PCH</p> <p style="margin-left: 40px;">BIO 3 PRV</p> <p>Structure:</p> <p>23.55 - 23.55 Alpha: 50 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">CS 3 CA1: 0 CA2: 0</p> <p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>23.55 - 27.90 PY GS1 1 SPT</p> <p>23.55 - 27.90 PO GS1 1 DIS</p>									
27.90	109.97	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt Dyke <input type="checkbox"/> % 99 Thickness 0 Colour GNM Vein</p> <p>QLF: ALT MAS SHD</p> <p>Komatiitic basalt: grey-green, fine grained, massive to shear fabric (@20-40 tca); local flow top brecciation, strong prv chl alt; strong patchy bi alt; patchy talc alt zones; silicified zones; serpentized, several strong low angle smooth planar to curvilinear fracture surfaces and shear zones, minor carbonate threads and breccia</p>	PED41871	107.00	108.00	1.00	0.03	0.029	-	-	0.00
			PED41872	108.00	109.00	1.00	0.03	0.028	-	-	0.00
			PED41873	109.00	110.00	1.00	0.13	0.128	-	-	0.00



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
infill, no significant mineralization, sharp contact dyke margin at 109.97 m @ 60 tca											
Alteration :		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PRV									
		BIO 3 PCH									
Structure:											
27.90 - 27.90		Alpha: 50		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		CS 3		0		0					
28.50 - 30.80		Alpha: 45		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD		30		60					
37.00 - 51.00		Alpha: 30		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		FRA		10		50					
64.00 - 66.00		Alpha: 20		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD		0		0					
72.00 - 75.00		Alpha: 35		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD		30		45					
78.60 - 79.00		Alpha: 60		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		FRA		50		70					
84.30 - 93.00		Alpha: 45		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD 3		25		65					



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
109.97	115.35	Feature 1	PED41875	110.00	111.00	1.00	0.51	0.512	-	-	0.00
		Type	PED41876	111.00	112.00	1.00	0.25	0.248	-	-	0.00
		Dyke % Thickness Colour Vein	PED41878	112.00	113.00	1.00	0.09	0.090	-	-	0.00
		IOE Lamprophyre <input checked="" type="checkbox"/> 0 0 BLK	PED41879	113.00	114.00	1.00	0.14	0.137	-	-	0.00
		QLF: ALT MAS MIN	PED41880	114.00	115.00	1.00	0.51	0.513	-	-	0.00
		Lamp dyke: black, fine grained, massive, strong prv bi alt; patchy chl alt; silicified, weak spotty magnetism, minor carb threads and stringers @ 20-50 tca; 2cm V3S at 111.75 m @ 30 tca, 1-2% patchy disseminated and threaded sulphides, sharp contact at 116.04 m @ 60 tca with felsic dyke	PED41881	115.00	115.35	0.35	0.00	<0.005	-	-	0.00
		Alteration : Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 2 PRV									
		BIO 3 PRV									
		Structure:									
	109.97 - 109.97	Alpha: 60 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CD 3 0 0									
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
	109.97 - 115.35	PO GS1 1 THD									
											1-2% patchy disseminated and threaded sulphides,
	109.97 - 115.35	SU GS1 1 DIS									1-2% patchy disseminated and threaded sulphides,
		Feature 2:									
		Type Dyke % Thickness Colour Vein									
		V3S Quartz_carbonate_vein_with_su <input checked="" type="checkbox"/> 0 0 WHT S									
		QLF: ALT MAS MIN									
		Alteration : Type/Intensity/Texture									
		MAG 1 VND									
		SRP 2 VND									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SUL 3 VND									
115.35	116.04	Feature 1	PED41882	115.35	116.05	0.70	0.38	0.376	-	-	0.00
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0B Komatiitic_basalt</p> <p style="margin-left: 20px;">QLF:</p> <p style="margin-left: 20px;">komatiitic basalt: green-grey, fine grained, massive to banded texture, moderate to strong deformation, moderate spotty bi alt; strong spotty chl alt; strong carbonate banding; strong prv silicification, qtz-carb stringers and veinlets folded/boudinaged/ fragmental @30 tca; extensional silica flooded stringer fabric parallel tca truncating and offsetting folded/ banded fabric, no significant mineralization, sharp contact at 116.04 m @ 60 tca</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO</p> <p style="margin-left: 20px;">Structure:</p> <p style="margin-left: 20px;">115.35 - 115.35 Alpha: 60 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD 3 0 0</p>									
116.04	120.60	Feature 1	PED41883	116.05	117.00	0.95	0.25	0.247	-	-	0.00
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">I3 Felsic_intrusive</p> <p style="margin-left: 20px;">QLF: ALT VND DEFS</p> <p style="margin-left: 20px;">Felsic dyke: grey-mix, fine grained, massive, moderate spotty bi alt; moderate spotty chl alt; strong prv silicification; prv sericite alt, 2% 0.5 - 2cm deformed/ boudinaged/ fragmented extensional qtz-carb stringers</p>	PED41884	117.00	118.00	1.00	0.08	0.075	-	-	0.00
			PED41886	118.00	119.00	1.00	0.06	0.063	-	-	0.00
			PED41887	119.00	120.00	1.00	0.09	0.087	-	-	0.00
			PED41888	120.00	120.60	0.60	0.03	0.034	-	-	0.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		and veinlets @ 5 - 30 tca, slightly rough planar fractures (1-2/m @ 30 tca), no significant mineralization, sharp contact at 120.6 m @ 50 tca with E0B									
		Alteration :									
		Type/Intensity/Texture									
		SER 3 PRV									
		CHL 2 SPT									
		BIO 2 SPT									
		Structure:									
	116.04 - 116.04	Alpha: 60			Beta: 0						
		Type/GEN/Intensity			CA1: CA2:						
		CS 3			0 0						
		Feature 2:									
		Type			Dyke	%	Thickness	Colour	Vein		
		V3 Quartz_carbonate vein			<input type="checkbox"/>	2	0	WHT			
		QLF: ALT VND DEFS									
120.60	151.95	Feature 1									
		Type			Dyke	%	Thickness	Colour	Vein		
		E0B Komatiitic_basalt			<input type="checkbox"/>	0	0	GND			
		QLF: ALT DEFS MAS									
		Komatiitic basalt: dark grey to green, fine grained, massive to banded, strong prv bi alt; strong patchy chl alt zones; strong patchy talc alt; silicified, smooth planar to slightly rough fractures infilled with carb (2-3/m @ 30 - 60 tca), up to 3% veining; boudinaged/folded qtz-carb (V3) and qtz-carb-act (V2A) threads stringers and veinlets @ 20 - 60 tca; <0.5cm carbonate bands proximal downhole E1H gradational contact, no significant mineralization, gradational contact at 151.95 @ 75 tca with E1H									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 BCU									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		CHL 3 PCH BIO 3 PRV								
Structure:										
120.60 - 120.60		Alpha: 50 Type/GEN/Intensity CS 3								
		Beta: 0 CA1: CA2: 0 0								
122.80 - 122.90		Alpha: 40 Type/GEN/Intensity SHD								
		Beta: 0 CA1: CA2: 0 0								
151.85 - 151.95		Alpha: 75 Type/GEN/Intensity CG 2								
		Beta: 0 CA1: CA2: 0 0								
Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein			
V3		Quartz_carbonate vein	<input type="checkbox"/>	3	0	WHT				
QLF: ALT DEFS MAS										
Alteration :										
		Type/Intensity/Texture								
		CB 2 BAN								
		AC 1 VND								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
151.95	159.10	Feature 1	PED41896	151.95	153.00	1.05	0.26	0.261	-	-	0.00
		Type	PED41898	153.00	154.00	1.00	0.02	0.017	-	-	0.00
		E1H High_titanium_basalt	PED41899	154.00	155.00	1.00	0.35	0.350	-	-	0.00
		QLF: ALT VND MIN	PED41901	155.00	156.00	1.00	0.27	0.268	-	-	0.00
		High-Ti Basalt (mineralized and moderately veined): black, fine-grained, massive, stong prv bi alt; mod pch chl alt; carbonatized and silicified, moderate slightly rough planar fracturing (2-3/m @ 15 -30 tca); extensional fractures parallel to core axis infilled with silica, 1% bodinaged/ deformed qtz-carb threads stringer veinlets (5-10/m @30 - 60 tca; some with actinolite alt), 3-5% disseminated and threaded Po, strong gradational contact alteration margin with E0B starting at 158.65 - 159.10 m @55 tca.	PED41902	156.00	157.00	1.00	0.90	0.902	-	-	0.00
			PED41903	157.00	158.00	1.00	0.35	0.347	-	-	0.00
			PED41904	158.00	158.40	0.40	1.08	1.080	-	-	0.00
			PED41906	158.40	159.10	0.70	0.89	0.891	-	-	0.00
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		CHL 2 PCH									
		BIO 3 PRV									
		Structure:									
		158.65 - 159.10									
		Alpha: 0									
		Beta: 0									
		Type/GEN/Intensity									
		CG 2									
		CA1: 0									
		CA2: 0									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		151.95 - 158.65									
		PO GS1 2 THD									
		151.95 - 158.65									
		PO GS1 3 DIS									
		3-5% disseminated and threaded Po									
		3-5% disseminated and threaded Po									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		SUL 1 VND									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		AC 1 VND									
159.10	161.70	Feature 1	PED41907	159.10	160.00	0.90	0.01	0.014	-	-	0.00
		Type	PED41908	160.00	161.00	1.00	0.00	<0.005	-	-	0.00
		E0B Komatiitic_basalt	PED41910	161.00	161.70	0.70	0.01	0.006	-	-	0.00
		Dyke <input type="checkbox"/> % 98 Thickness 0 Colour GYM Vein									
		QLF: ALT VND DEF									
		Komatiitic basalt: fine grained, massive to flow top breccia fabric, mod prv bi alt; mod pch chl alt; mod prv talc alt; silicified, no significant fracturing, 2% boudinaged/ faulted/ deformed qtz-carb threads and stringers (10/m @ 35 - 70 tca), no significant mineralization, sharp contact at 161.70 m @ 50 tca with felsic dyke									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									
		SIL 2 PRV									
		BIO 2 PRV									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		Dyke <input type="checkbox"/> % 2 Thickness 0 Colour WHT Vein S									
		QLF: ALT VND DEF									
161.70	163.65	Feature 1	PED41911	161.70	162.70	1.00	0.17	0.168	-	-	0.00
		Type	PED41912	162.70	163.65	0.95	0.07	0.069	-	-	0.00
		I3 Felsic_intrusive									
		Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour GY Vein S									
		QLF: ALT DEF GS1									
		Felsic dyke: patchy reddish-grey, fine grained, massive, strong spotty and threaded biotite; moderate spotty									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		chl; strong prv sericite; silicified, minor smooth planar fractures (1-2/m @ 45-50 tca), minor carbonate threads and stringers (2-3/m @ 20 - 30 tca), no significant mineralization, sharp contact at 163.65 m @ 50 tca with E0B									
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SER 3 PRV</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 3 SPT</p> <p>Structure:</p> <p>161.70 - 161.70 Alpha: 50 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CS 3 0 0</p>									
163.65	169.20	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT DEFS FTB</p> <p>Komatiitic basalt: fine grained, massive to flow top breccia fabric, mod prv bi alt; mod pch chl alt; strong patchy actinolite; strong prv talc alt, minor smooth planar fractures (2-3/m @50-60 tca), 2% boudinaged/faulted/deformed qtz-carb threads and stringers (5-10/m @ 35 - 70 tca), no significant mineralization, sharp contact at 169.20 m @ 20tca with mafic dyke</p>									
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input type="checkbox"/> 99 0 GNM</p>									
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p style="margin-left: 40px;">AC 3 PCH</p> <p style="margin-left: 40px;">CHL 2 PRV</p> <p>Structure:</p> <p>163.65 - 163.65 Alpha: 50 Beta: 0</p>	PED41914	163.65	164.00	0.35	0.06	0.064	-	-	0.00
			PED41915	164.00	165.00	1.00	0.02	0.023	-	-	0.00
			PED41916	165.00	166.00	1.00	0.01	0.010	-	-	0.00
			PED41917	166.00	167.00	1.00	0.01	0.007	-	-	0.00
			PED41918	167.00	168.00	1.00	0.00	<0.005	-	-	0.00
			PED41919	168.00	168.50	0.50	0.00	<0.005	-	-	0.00
			PED41920	168.50	169.20	0.70	0.00	<0.005	-	-	0.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CS 3									
		CA1: CA2: 0 0									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	1	0	WHT	S				
		QLF: ALT DEFS FTB									
169.20	170.20	Feature 1	PED41921	169.20	170.20	1.00	0.00	<0.005	-	-	0.00
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK					
		QLF: ALT GS1									
		mafic dyke: black, fine to medium grained, massive to weakly foliated @ 55-60 tca, strong prv bi alt; patchy carbonatization, slickensided fractures with carbonate infill (5/m @65 -70 tca), no veining, no mineralization, strong biotite alt at sharp chilled top and bottom contact margins at 170.20 m @30 tca									
		Alteration :									
		Type/Intensity/Texture									
		CB 2 PCH									
		BIO 3 PRV									
		Structure:									
	169.20 - 169.20	Alpha: 20	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		CC 3	0	0							



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
170.20	272.35	Feature 1	PED41922	170.20	171.00	0.80	0.00	<0.005	-	-	-	0.00
		Type	PED41923	171.00	172.00	1.00	0.00	<0.005	-	-	-	0.00
		E0B Komatiitic_basalt	PED41924	172.00	173.00	1.00	0.00	<0.005	-	-	-	0.00
		QLF: ALT FTB SHD	PED41925	173.00	174.00	1.00	0.00	<0.005	-	-	-	0.00
		komatiitic basalt: grey to grey green, fine grained, massive to flow-top-breccia to shear fabric, strong prv chl+bi alt; strong patchy talc alt; patchy serpentinization; silicified (w local chert sutures), minor smooth planar to annealed curvilinear fracturing (2-4/m at 50-70 tca), minor to 2 % folded/boudinaged/fragmental qtz-carb threads stringers veinlets @ 30 - 60 tca, no significant mineralization, chilled contact at 272.35 m @50 tca with mafic dyke	PED41926	174.00	175.00	1.00	0.00	<0.005	-	-	-	0.00
		(No oriented structural data available - zero confidence in line orientation)	PED41927	175.00	176.00	1.00	0.01	0.006	-	-	-	0.00
			PED41928	176.00	177.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41929	198.00	199.00	1.00	0.02	0.017	-	-	-	0.00
			PED41930	199.00	200.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41931	200.00	201.00	1.00	0.01	0.009	-	-	-	0.00
			PED41932	201.00	202.00	1.00	0.01	0.006	-	-	-	0.00
			PED41933	202.00	203.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41934	203.00	204.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41935	204.00	205.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41937	205.00	206.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41938	206.00	207.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41939	207.00	208.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41941	208.00	209.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41942	209.00	210.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41943	210.00	211.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41944	211.00	212.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41945	212.00	213.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41946	213.00	214.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41947	214.00	215.00	1.00	0.00	<0.005	-	-	-	0.00
			PED41948	215.00	216.00	1.00	0.00	<0.005	-	-	-	0.00



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
272.35	276.15	Feature 1	PED41949	272.35	273.35	1.00	0.00	<0.005	-	-	0.00
		Type	PED41951	273.35	274.35	1.00	0.00	<0.005	-	-	0.00
		I1 Mafic_intrusive	PED41952	274.35	275.35	1.00	0.00	<0.005	-	-	0.00
		QLF: ALT DEF	PED41953	275.35	276.15	0.80	0.00	<0.005	-	-	0.00
		Mafic dyke (lamp?): black-dark green, fine grained, massive, mod prv bi; strong prv chl alt, smooth to slightly rough planar fracturing (2-3/m @ 20 - 35 tca), minor folded boudinaged qtz-carb stringers (1-2 /m @ 30 -45 tca), no significant mineralization, strong chilled top and bottom contact margins with medium to coarse black tourmaline found 10 - 50 cm from margins									
		Alteration :									
		Type/Intensity/Texture									
		TRM 3 LOC									
		CHL 3 PRV									
		BIO 2 PRV									
		Structure:									
		272.35 - 272.36	Alpha: 50	Beta: 0							
		Type/GEN/Intensity	CA1:	CA2:							
		CC 3	0	0							
276.15	278.50	Feature 1	PED41954	276.15	277.00	0.85	0.00	<0.005	-	-	0.00
		Type	PED41955	277.00	278.00	1.00	0.00	<0.005	-	-	0.00
		E0B Komatiitic_basalt	PED41956	278.00	278.50	0.50	0.00	<0.005	-	-	0.00
		QLF: ALT MAS FTB									
		Komatiitic basalt: grey, fine grained, massive to flow top breccia fabric, strong prv bi+chl; mod prv actinolite, no significant fracturing or veining, moderate chilled contact margin at 278.5m @ ~40tca with fine to medium grained tourmaline									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV BIO 3 PRV									
		Structure:									
	276.15 - 276.16	Alpha: 30 Type/GEN/Intensity CC 3		Beta: 0 CA1: CA2: 0 0							
278.50	280.35	Feature 1									
		Type		Dyke	%	Thickness	Colour	Vein			
		I1 Mafic_intrusive		<input checked="" type="checkbox"/>	0	0	BLK				
		QLF: ALT MAS DEFW									
		mafic dyke: dark grey- black, fine grained, massive, strong prv bi+chl alt; fine to medium grained black tourmaline local to chilled margins, no major fractures, no significant veining, irregular downhole contact with EOB at 280.35 @80 tca									
		Alteration :									
		Type/Intensity/Texture									
		TRM 3 LOC CHL 3 PRV BIO 3 PRV									
		Structure:									
	278.50 - 278.55	Alpha: 40 Type/GEN/Intensity CC 2		Beta: 0 CA1: CA2: 0 0							
280.35	288.00	Feature 1									
		Type		Dyke	%	Thickness	Colour	Vein			



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		E0B Komatiitic_basalt QLF: ALT DEFS FTB komatiitic basalt: dark-grey to grey-green, fine grained, massive to flow-top-breccia to shear fabric, strong prv chl+bi alt; silicified (w local chert sutures), minor smooth planar to annealed curvilinear fracturing (2-4/m at 50-70 tca), minor to 2 % folded/boudinaged/fragmental qtz-carb threads stringers veinlets @ 30 - 60 tca, no significant mineralization, (No oriented structural data available - zero confidence in line orientation)																				
		Alteration : Type/Intensity/Texture AC 2 PCH CHL 2 PRV BIO 3 PRV																				
288.00	331.05	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: Komatiitic Basalt [record added during data validation to fill in missing lithological interval. Lithology was taken form the sample descriptions, 2017-12-03, DS]	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED41962	301.00	302.00	1.00	0.00	<0.005	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																			
			PED41963	310.00	311.00	1.00	0.00	<0.005	-	-												
			PED41964	315.50	316.15	0.65	0.00	<0.005	-	-												
			PED41966	319.00	320.00	1.00	0.01	0.010	-	-												
			PED41967	321.00	322.00	1.00	0.00	<0.005	-	-												
			PED41968	330.00	331.05	1.05	0.00	<0.005	-	-												
		Alteration : Type/Intensity/Texture AMP SIL BIO																				
		Structure: 310.20 - 310.35 Alpha: 0 Beta: 0 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type/GEN/Intensity</th> <th style="text-align: center;">CA1:</th> <th style="text-align: center;">CA2:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">V2A 3</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	Type/GEN/Intensity	CA1:	CA2:	V2A 3	0	0														
Type/GEN/Intensity	CA1:	CA2:																				
V2A 3	0	0																				



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	315.50 - 316.10	Alpha: 0 Type/GEN/Intensity V3 3									
		Beta: 0 CA1: CA2: 0 0									
	319.20 - 319.26	Alpha: 0 Type/GEN/Intensity V2A 3									
		Beta: 0 CA1: CA2: 0 0									
331.05	331.35	Feature 1	PED41969	331.05	331.35	0.30	0.00	<0.005	-	-	-
		Type									
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>								
		QLF: ALT FRA CHM									
		mafic dyke: black, fine grained, massive, strong prv bi alt; 2 smooth planar fractures, no veining, no significant mineralization, sharp contact at 331.35 @ 60 tca with E0B									
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 PRV									
		BIO 3 PRV									
		Structure:									
	331.05 - 331.10	Alpha: 0 Type/GEN/Intensity CC 3									
		Beta: 0 CA1: CA2: 0 0									
	331.35 - 331.35	Alpha: 0 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2: 0 0									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																				
331.35	338.00	Feature 1	PED41970	331.35	332.35	1.00	0.00	<0.005	-	-																					
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">99</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table> <p>QLF: ALT DEFS FTB komatiitic basalt: dark-grey to grey-green</p> <p>Alteration :</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>TLC 1 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> <tr> <td>BIO 2 PRV</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	99	0	GNM		Type/Intensity/Texture		TLC 1 PCH		CHL 3 PRV		BIO 2 PRV		PED41972	337.00	338.00	1.00	0.00	<0.005	-	-	
Type	Dyke	%	Thickness	Colour	Vein																										
E0B Komatiitic_basalt	<input type="checkbox"/>	99	0	GNM																											
Type/Intensity/Texture																															
TLC 1 PCH																															
CHL 3 PRV																															
BIO 2 PRV																															
		Feature 2:																													
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: ALT DEFS FTB</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	1	0																			
Type	Dyke	%	Thickness	Colour	Vein																										
V3 Quartz_carbonate vein	<input type="checkbox"/>	1	0																												
338.00	338.05	Feature 1																													
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </table> <p>QLF: ALT MAS Mafic dyke (5cm): black, fine grained, massive, stong prv bi alt, chl alt on chill margins,</p> <p>Alteration :</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SIL 2 PRV</td> <td></td> </tr> <tr> <td>BIO 3 PRV</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK		Type/Intensity/Texture		SIL 2 PRV		BIO 3 PRV												
Type	Dyke	%	Thickness	Colour	Vein																										
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK																											
Type/Intensity/Texture																															
SIL 2 PRV																															
BIO 3 PRV																															



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
338.05	341.90	Feature 1	PED41973	338.00	339.00	1.00	0.00	<0.005	-	-	-
		Type	PED41974	341.00	342.00	1.00	0.00	<0.005	-	-	-
		I1 Mafic_intrusive									
		Dyke <input checked="" type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour BLK									
		Vein									
		QLF: ALT CHM CHT									
		mafic dyke: black, fine grained, massive, strong prv bi alt; increased strong chl alt at downhole contact chill margin; silicified; chert sutures, no fracturing, no significant mineralization, strong irregular chilled downhole contact with E0B @ ~50 tca									
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		CHL 2 LOC									
		BIO 3 PRV									
		Structure:									
		341.40 - 341.40									
		Alpha: 0									
		Beta: 0									
		Type/GEN/Intensity									
		CS 3									
		CA1: 0									
		CA2: 0									
341.90	347.30	Feature 1	PED41975	345.00	346.00	1.00	0.00	<0.005	-	-	-
		Type	PED41976	346.00	347.00	1.00	0.00	<0.005	-	-	-
		E0B Komatiitic_basalt	PED41977	347.00	347.30	0.30	0.00	<0.005	-	-	-
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
		QLF: ALT DEFS FTB									
		komatiitic basalt: dark-grey to grey-green									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PCH									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV BIO 2 PRV									
		Structure:									
	341.90 - 349.95	Alpha: 0 Type/GEN/Intensity Cl 3									
		Beta: 0 CA1: CA2: 0 0									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	MIX					
		QLF: ALT DEFS FTB									
347.30	348.40	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK					
		QLF: ALT CHM CHT									
		mafic dyke: black, fiine grained, massive, strong prv bi alt; increased strong chl alt at downhole contact chill margin; silicified; chert sutures, no fracturing, no significant mineralization, weak chill margin at downhole contact with E0B @ ~55 tca									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 2 PRV									
		BIO 3 PRV									



LITHOLOGY REPORT

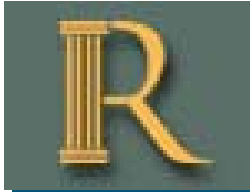
- Detailed -

Hole Number **305-17-25**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)											
348.40	351.00	Feature 1	PED41981	348.40	349.00	0.60	0.00	<0.005	-	-	-											
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td>GYM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM		PED41982	349.00	350.00	1.00	0.00	<0.005	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM																		
		<p>QLF: ALT FTB DEFS</p> <p>komatiitic basalt: dark-grey to grey-green</p>	PED41983	350.00	351.00	1.00	0.00	<0.005	-	-												
		<p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>SRP 3 PCH</td> </tr> <tr> <td>SIL 2 PRV</td> </tr> <tr> <td>BIO 2 PRV</td> </tr> </table>	Type/Intensity/Texture	SRP 3 PCH	SIL 2 PRV	BIO 2 PRV																
Type/Intensity/Texture																						
SRP 3 PCH																						
SIL 2 PRV																						
BIO 2 PRV																						
		<p>Structure:</p> <p>348.40 - 348.41 Alpha: 0 Beta: 0</p> <table border="0"> <tr> <td style="text-align: right;">Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>CC 1</td> <td>0</td> <td>0</td> </tr> </table>	Type/GEN/Intensity	CA1:	CA2:	CC 1	0	0														
Type/GEN/Intensity	CA1:	CA2:																				
CC 1	0	0																				
		Feature 2:																				
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td>MIX</td> <td>S</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	MIX	S								
Type	Dyke	%	Thickness	Colour	Vein																	
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	MIX	S																	
		<p>QLF: ALT FTB DEFS</p>																				



DRILL HOLE REPORT

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 74.6	Length: 0	Dimension: NQ	Township: Bateman	Logged by: W. Ahmad
Dip: -19.35	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 402	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 20-Jul-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 20-Jul-17				Surveyed: yes
Logged: 23-Aug-17				Surveyed by: Mark Cottrell

Comment:

Coordinate - Gemcom

Coordinate - UTM

East: 10222.112
North: 50059.277
Elev.: 5066.936

East: 448366.83
North: 5663847.71
Elev.: 66.94
Zone: 15N **NAD:** NAD83

Geophysics:

Geophysic Contractor:

Left in hole:

Making water: no

Multi shot survey: yes

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	74.60	-19.35	C	<input checked="" type="checkbox"/>	Changed from planned 117Az
15.00	73.28	-18.65	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	76.56	-17.88	DeviSh ot	<input checked="" type="checkbox"/>	
102.00	74.06	-17.48	DeviSh ot	<input checked="" type="checkbox"/>	
153.00	75.39	-18.27	DeviSh ot	<input checked="" type="checkbox"/>	
204.00	76.45	-18.85	DeviSh ot	<input checked="" type="checkbox"/>	
255.00	79.94	-18.76	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
306.00	76.22	-18.96	DeviSh ot	<input checked="" type="checkbox"/>	
357.00	76.93	-18.90	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	76.26	-19.41	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	6.75	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT FOL SHD</p> <p>Komatiitic basalt. Talc rich unit. Fine to medium grained, foliated locally sheared, pervasively Talc ,chlorite altered. Carbonate alteration is in the form of veinlets and fracture filling. Core is broken and ground locally lost 1.5 m between 3-5 m</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 3 FF</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p style="margin-left: 40px;">TLC 4 PRV</p> <p>Structure:</p> <p>6.74 - 6.74 Alpha: 20 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">CS CA1: 0 CA2: 0</p>									
6.75	8.84	Feature 1									
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: GS1 MAS</p> <p>Mafic Intrusive(mafic dyke) fine grained ,massive dark greenish to grey black color. Upper contact sharp and wavy at about @20 tca. Qtz -carb veining /fracture filling 2-3% contains biotite in some veinlets. sulfide po trace to 0.5 %. The lower contact is sharp @35 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 PRV</p> <p style="margin-left: 40px;">CB 1 VND</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Structure:											
	7.23 - 7.23	Alpha: 55 Type/GEN/Intensity V3									
			Beta: 0								
			CA1:								
			0								
			CA2:								
			0								
	8.29 - 8.40	Alpha: 25 Type/GEN/Intensity V3									
			Beta: 0								
			CA1:								
			0								
			CA2:								
			0								
	8.56 - 8.64	Alpha: 25 Type/GEN/Intensity V2A									
			Beta: 0								
			CA1:								
			0								
			CA2:								
			0								
8.84	13.40	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0	GNM					
		QLF: FOL ALT									
		Komatiitic basalt. Talc rich unit. Fine to medium grained, foliated locally sheared, pervasively Talc ,chlorite altered. Carbonate alteration is in the form of veinlets and fracture filling. The carbonate veining is 3-5% mostly following foliation 30-50 tca. The lower contact with mafic dyke is @35 tca sharp.									
		Alteration :	Type/Intensity/Texture								
			CB 3 FF								
			CHL 3 PRV								
		Structure:									
	9.62 - 9.62	Alpha: 65 Type/GEN/Intensity CG									
			Beta: 0								
			CA1:								
			0								
			CA2:								
			0								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	10.90 - 10.90	Alpha: 30 Type/GEN/Intensity FOL	Beta: 0 CA1: CA2: 0 0							
	11.35 - 11.35	Alpha: 60 Type/GEN/Intensity FOL	Beta: 0 CA1: CA2: 0 0							
13.40	20.55	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GYD				
		QLF: GS1 MAS								
		Mafic Intrusive(mafic dyke) fine graine ,massive dark greenish to grey balckin color.Upper contact sharp @35 tca. Qtz-carb veining 1-2% and Carbonate / calcite veining 2-3 % 0.5-1 cm thick.Disseminated sulfides trace to 0.5%. The lower contact is sharp @45 tca.								
		Alteration :								
		Type/Intensity/Texture								
		CHL 1 PRV								
		CBC 2 VND								
		BIO 2 PRV								
		Structure:								
	13.40 - 13.40	Alpha: 35 Type/GEN/Intensity CS	Beta: 0 CA1: CA2: 0 0							
	16.93 - 16.94	Alpha: 60 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 0 0							



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	17.82 - 17.83	Alpha: 55 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2: 0 0									
	18.45 - 18.60	Alpha: 20 Type/GEN/Intensity V1B									
		Beta: 0 CA1: CA2: 0 0									
	18.62 - 18.88	Alpha: 15 Type/GEN/Intensity V1B V3									
		Beta: 0 CA1: CA2: 15 0 20 0									
20.55	68.20	Feature 1	PED68203	48.00	49.00	1.00	0.00	<0.005	-	-	0.00
		Type	PED68204	49.00	50.00	1.00	0.01	0.009	-	-	0.00
		Dyke % Thickness Colour Vein	PED68206	50.00	51.00	1.00	0.00	<0.005	-	-	0.00
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 GYL	PED68207	51.00	51.80	0.80	0.00	<0.005	-	-	0.00
		QLF: FOL ALT CST	PED68208	51.80	52.40	0.60	0.00	<0.005	-	-	0.00
		Komatiitic Basalt(Talc rich unit) light to dark greenish grey, fine to medium grained, moderate to strongly foliated, talc, chlorite, biotite varyingly altered.magnetite fine grained is disseminated variably trace to 2 % locally. Qtz and qtz carbonate veining 2-5% some discrete others narrow mm size along foliation generally @ 25-45 tca.The unit is fractured and broken along foliation plans this jointed along those plans. 23-27 m the unit badly broken and core lost and washed in Box 6(22.34-27 m=5.36 m). The altered talc rich band contains chert suture vein @ 26.77-26.80m light greenish fine grained. The unit has got shear zone / faulted zone 26-30 m the unit is broken ground foliated @25 tca . The interval 36-48 m is foliated banded with qtz-carb veining3-5% and while qtz-carb veining increases to 7-8% 48-52 m, is foliated 45-60 tca . The veins are 0.5- 3 cmthick and 51.80-52.10m make 40-50% of the interval @ 50tca contacts.The section 64.50-66 m is sheared with broken crushed core. The section 67.56-67.82 m is small broken included portions of Lamprophyre dyke in Tac komatiite 8 and 5 cm thih @ 60 tca, 40 tca and 35 tca contacts	PED68209	52.40	53.30	0.90	0.00	<0.005	-	-	0.00
		Alteration :									
		Type/Intensity/Texture									
		CB 3 FF									
		CHL 3 PRV									
		TLC 3 PRV									



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
Structure:										
20.55 - 20.55		Alpha: 45 Type/GEN/Intensity CS V3								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
			45							
			0							
21.20 - 21.28		Alpha: 40 Type/GEN/Intensity V3								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
21.30 - 21.30		Alpha: 45 Type/GEN/Intensity FOL								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
24.35 - 25.37		Alpha: 20 Type/GEN/Intensity V2A								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
24.40 - 24.41		Alpha: 35 Type/GEN/Intensity V2A								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
26.00 - 30.00		Alpha: 25 Type/GEN/Intensity SHD								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
26.77 - 26.78		Alpha: 70 Type/GEN/Intensity V2								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
26.82 - 26.83		Alpha: 50 Type/GEN/Intensity V2A								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							
42.45 - 42.46		Alpha: 65 Type/GEN/Intensity V3								
			Beta: 0							
			CA1:							
			0							
			CA2:							
			0							



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
	48.15 - 48.16	Alpha: 60 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2: 0 0									
	48.49 - 48.54	Alpha: 60 Type/GEN/Intensity V2A V3									
		Beta: 0 CA1: CA2: 0 0 50 0									
	48.60 - 48.61	Alpha: 45 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									
	49.68 - 49.69	Alpha: 60 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									
	50.10 - 50.10	Alpha: 50 Type/GEN/Intensity FOL									
		Beta: 0 CA1: CA2: 0 0									
	51.15 - 51.15	Alpha: 35 Type/GEN/Intensity FOL									
		Beta: 0 CA1: CA2: 0 0									
	51.45 - 51.45	Alpha: 45 Type/GEN/Intensity FRA									
		Beta: 0 CA1: CA2: 0 0									
	51.90 - 52.10	Alpha: 50 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2: 0 0									
	64.50 - 66.00	Alpha: 30 Type/GEN/Intensity SHD									
		Beta: 0 CA1: CA2: 0 0									
	Mineralization Maj. :	Type/GSZ%/HABIT									Comment
	52.00 - 53.00	MT GS1 2 DIS									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
68.20	68.65	Feature 1																					
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>IOE Lamprophyre</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	IOE Lamprophyre	<input type="checkbox"/>	0	0											
Type	Dyke	%	Thickness	Colour	Vein																		
IOE Lamprophyre	<input type="checkbox"/>	0	0																				
		<p>QLF: Lamprophyre. Fine to medium grained foliated , biotite chlorite altered. Sharp upper and lower contacts @40 tca and 20 Tca respectively. Local rounded calcite inclusions or amygdules? Or fracture filling 3 to 7 mmsize present 2-3 %. The section in previous unit from 67.56-67.82 m is small broken included portions of Lamprophyre dyke in Talc komatiite 8 and 5 cm thick @ 60 tca, 40 tca and 35 tca contacts</p>																					
		<p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr><td>AMP</td></tr> <tr><td>SIL</td></tr> <tr><td>BIO</td></tr> </tbody> </table>										Type/Intensity/Texture	AMP	SIL	BIO								
Type/Intensity/Texture																							
AMP																							
SIL																							
BIO																							
		<p>Structure:</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 20%;">68.20 - 68.20</td> <td style="width: 30%;">Alpha: 40</td> <td style="width: 30%;">Beta: 0</td> <td style="width: 20%;"></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>CS</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>										68.20 - 68.20	Alpha: 40	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		CS	0	0
68.20 - 68.20	Alpha: 40	Beta: 0																					
	Type/GEN/Intensity	CA1:	CA2:																				
	CS	0	0																				



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
68.65	90.62	Feature 1	PED68210	80.00	81.00	1.00	0.00	<0.005	-	-	0.00
		Type	PED68211	81.00	82.00	1.00	0.00	<0.005	-	-	0.00
		Dyke <input type="checkbox"/> % Thickness Colour Vein	PED68212	82.00	83.00	1.00	0.00	<0.005	-	-	0.00
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 GND	PED68213	83.00	84.00	1.00	0.00	<0.005	-	-	0.00
		QLF: ALT FOL CHM	PED68214	84.00	85.00	1.00	0.00	<0.005	-	-	0.00
		Komatiitic Basalt(Talc rich unit) light to dark greenish grey, fine to medium grained, moderate to strongly foliated,variably talc, chlorite, biotite altered.The section 68.65-71 m is less talc rich and is E0B.The Talc, chlorite alteration is comparatively strong to very strong from 71-90 m. strongly foliated from 20- 50tca. Qtz-carb veining is 3-5% a few mm size to 1-2 cm size to over 5 cm, follow the general trend of foliation. No sulfides observed. The contact zone 90-90.62 m has chilled margin very less talcose harder more silicified chlorite altered and with 3-5% qtz-carb veing 3-5 mm size @	PED68216	85.00	86.00	1.00	0.00	<0.005	-	-	0.00
			PED68217	86.00	87.00	1.00	0.00	<0.005	-	-	0.00
			PED68218	87.00	88.00	1.00	0.00	<0.005	-	-	0.00
			PED68219	88.00	89.00	1.00	0.00	<0.005	-	-	0.00
		Alteration : Type/Intensity/Texture	PED68221	89.00	89.50	0.50	0.03	0.027	-	-	0.00
		CB 3 VND	PED68222	89.50	90.00	0.50	0.14	0.136	-	-	0.00
		CHL 3 PRV	PED68223	90.00	90.62	0.62	0.14	0.141	-	-	0.00
		SUL 4 PRV									
		Structure:									
	68.65 - 68.65	Alpha: 20 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CS 0 0									
	69.20 - 69.20	Alpha: 20 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		FOL 0 0									
	72.35 - 72.36	Alpha: 30 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		V3 0 0									
	72.44 - 72.44	Alpha: 50 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		FOL 0 0									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	78.23 - 78.23	Alpha: 20 Type/GEN/Intensity FOL									
		Beta: 0 CA1: CA2: 0 0									
	78.35 - 78.35	Alpha: 25 Type/GEN/Intensity FOL									
		Beta: 0 CA1: CA2: 0 0									
	81.20 - 81.21	Alpha: 25 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									
	81.47 - 81.75	Alpha: 15 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 10 25									
	83.31 - 83.45	Alpha: 25 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									
	90.11 - 90.15	Alpha: 70 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									
90.62	97.32	Feature 1									
		Type									
		Dyke % Thickness Colour Vein									
		I1 Mafic_intrusive □ 0 0 BND	PED68224	90.62	91.00	0.38	0.90	0.898	-	-	0.00
		QLF: MAS ALT	PED68225	91.00	92.00	1.00	0.40	0.402	-	-	0.00
		Mafic Intrusive(mafic Dyke). Fine to medium grained, massive, dark brownish grey. Biotite altered and silicified. Contains disseminated sulfides fine grained po/ py 5-7% as well 1-2 % po/py veinlets. Gradational upper contact at 90.62 m @65 tca and sharp lower contact at 97.32 m@65 alpha and 55 degree beta, with a chilled margin of Komatiitic basalt. Tacture fill qtz-cal veining 0.5-1 %. Iron or manganese leaching lines are seen on the core surface	PED68226	92.00	93.00	1.00	0.09	0.091	-	-	0.00
			PED68227	93.00	94.00	1.00	0.10	0.100	-	-	0.00
			PED68228	94.00	95.00	1.00	0.43	0.427	-	-	0.00
			PED68229	95.00	96.00	1.00	0.14	0.141	-	-	0.00
			PED68231	96.00	96.65	0.65	0.19	0.188	-	-	0.00
			PED68232	96.65	97.32	0.67	0.05	0.047	-	-	0.00



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/intensity/texture CHL 1 PRV SIL 2 PRV BIO 3 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT 90.62 - 93.00 PO GS1 2 FRA 90.62 - 93.00 PY GS1 1 DIS 90.62 - 93.00 PO GS1 5 DIS 93.00 - 97.32 PO GS1 1 DIS 93.00 - 97.32 PO GS1 2 FRA	Comment mafic dyke with po/py 5-7% and fracure fill qtz-cal veinlets with sulfides mafic dyke with po/py 5-7% and fracure fill qtz-cal veinlets with sulfides mafic dyke with po/py 5-7% and fracure fill qtz-cal veinlets with sulfides mafic dyke with disseminated and veilets of po 1-2% mafic dyke with disseminated and veilets of po 1-2%								
97.32	97.80	Feature 1 Type E0B Komatiitic_basalt QLF: ALT CHM MAS Komatiitic Basalt. Chilled Margin. Light greenish, fine to medium grained, altered , silicified, carbonate altered. Sharp lower contact with Felsic dyke	PED68233	97.32	97.80	0.48	0.14	0.144	-	-	0.00
		Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNL									
		Alteration : Type/Intensity/Texture CBC 3 PRV SIL 3 PRV CHL 3 PRV									
		Structure: 97.32 - 97.32 Alpha: 65 Beta: 55									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au							
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)			
		Type/GEN/Intensity CS												
		CA1: 0												
		CA2: 0												
97.80	108.70	Feature 1	PED68234	97.80	98.50	0.70	0.08	0.079	-	-	-	-	0.00	
		Type	PED68236	98.50	99.00	0.50	0.06	0.056	-	-	-	-	0.00	
		Dyke % Thickness Colour Vein	PED68237	99.00	100.00	1.00	0.30	0.303	-	-	-	-	0.00	
		I3 Felsic_intrusive □ 0 0 GYL	PED68238	100.00	101.00	1.00	0.31	0.306	-	-	-	-	0.00	
		QLF: MAS ALT GS1	PED68239	101.00	102.00	1.00	0.15	0.146	-	-	-	-	0.00	
		Felsic intrusive. fine to medium grained, greyish, white to brownish grey, massive. Chlorite biotite altered with fracture fill veils, spots and patches 2-5%. Silicification is in the form of white bands, patches and quartz, quartz -carb veins and sericitization. Qtz-chl-calcite fracture fill veinlet mm to 0.5 cm are present. The upper contact with e0B is sharp @65 tca and lower contact with Talc rich komatiitic basalt is sharp and banded, with chlorite biotite patches and bands of Qtz-carb, @40 tca. disseminated po/py 0.5-1% as well as small blebs and veinlets of sulfides Po with Qtz-carb -chl veinlets.	PED68240	102.00	103.00	1.00	0.20	0.200	-	-	-	-	0.00	
			PED68241	103.00	104.00	1.00	0.13	0.127	-	-	-	-	0.00	
			PED68242	104.00	105.00	1.00	0.11	0.109	-	-	-	-	0.00	
			PED68243	105.00	106.00	1.00	0.08	0.076	-	-	-	-	0.00	
		Alteration :	PED68244	106.00	107.00	1.00	0.08	0.079	-	-	-	-	0.00	
		Type/Intensity/Texture	PED68246	107.00	107.70	0.70	0.13	0.134	-	-	-	-	0.00	
		CHL 3 FF	PED68247	107.70	108.20	0.50	0.09	0.086	-	-	-	-	0.00	
		SIL 3 BAN	PED68248	108.20	108.70	0.50	0.02	0.021	-	-	-	-	0.00	
		BIO 3 FF												
		Structure:												
107.23 - 107.53		Alpha: 15												
		Beta: 0												
		Type/GEN/Intensity												
		V2												
		CA1:												
		0												
		CA2:												
		0												
107.60 - 107.60		Alpha: 15												
		Beta: 0												
		Type/GEN/Intensity												
		FRA												
		CA1:												
		0												
		CA2:												
		0												
107.73 - 108.00		Alpha: 20												
		Beta: 0												
		Type/GEN/Intensity												
		V2												
		CA1:												
		0												
		CA2:												
		0												



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	108.43 - 108.56	Alpha: 30 Type/GEN/Intensity V2									
		Beta: 0 CA1: CA2: 0 0									
	108.63 - 108.67	Alpha: 75 Type/GEN/Intensity V2A CV									
		Beta: 0 CA1: CA2: 0 0 0 0									
108.70	129.35	Feature 1									
		Type									
		Dyke % Thickness Colour Vein									
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 GNM	PED68249	108.70	109.50	0.80	0.02	0.017	-	-	0.00
		QLF: ALT GS1	PED68250	109.50	110.50	1.00	0.00	<0.005	-	-	0.00
		Komatiitic Basalt(Talc rich unit). Greenish, fine to medium grained, variably foliated , altered(talc,chl, bioti, carb). Qtz and qtz-carb veining 3-5% mm size of 2-3 cm thick foliation is generally 25-55 tca.. Some of the qtz-carb veins are folded and boudinaged.. No sig sulfides seen.The section 128-129.35 m up to contact is banded and silicified. The lower contact with Hiti basalt is sharp @ 70 tca.The section 115.60-117 m has got fracture fill veinlets and boudinaged veinlets 15-20%. Qtz-cal-action-chl vein123-123.70 m is 1-5 cm thick foliated banded @10-15, 45 tca and follow the general foliation trend in the talc rich E0B.slickensided surface fractures 123.80-124.05 m	PED68251	110.50	111.00	0.50	0.01	0.009	-	-	0.00
		Alteration :	PED68252	111.00	112.00	1.00	0.01	0.010	-	-	0.00
		Type/Intensity/Texture	PED68253	112.00	113.00	1.00	0.01	0.005	-	-	0.00
		CB 3 FF	PED68254	113.00	114.00	1.00	0.00	<0.005	-	-	0.00
		TLC 3 PRV	PED68256	114.00	114.90	0.90	0.01	0.005	-	-	0.00
		CHL 3 PRV	PED68257	114.90	115.60	0.70	0.00	<0.005	-	-	0.00
		Structure:	PED68258	115.60	116.30	0.70	0.01	0.005	-	-	0.00
		Alpha: 40	PED68259	116.30	117.00	0.70	0.01	0.006	-	-	0.00
		Beta: 0	PED68261	117.00	118.00	1.00	0.00	<0.005	-	-	0.00
		Type/GEN/Intensity	PED68262	118.00	119.00	1.00	0.00	<0.005	-	-	0.00
		CS	PED68263	119.00	120.00	1.00	0.00	<0.005	-	-	0.00
		CA1: CA2:	PED68264	120.00	121.00	1.00	0.00	<0.005	-	-	0.00
		0 0	PED68265	121.00	122.00	1.00	0.00	<0.005	-	-	0.00
			PED68266	122.00	123.00	1.00	0.00	<0.005	-	-	0.00
			PED68267	123.00	123.70	0.70	0.00	<0.005	-	-	0.00
			PED68268	123.70	124.50	0.80	0.00	<0.005	-	-	0.00
			PED68269	124.50	125.00	0.50	0.00	<0.005	-	-	0.00



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
109.30 - 109.32	Alpha: 60 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2: 0 0	PED68271	125.00	126.00	1.00	0.00	<0.005	-	-	0.00
			PED68272	126.00	127.00	1.00	0.00	<0.005	-	-	0.00
			PED68273	127.00	127.50	0.50	0.00	<0.005	-	-	0.00
109.62 - 109.65	Alpha: 55 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 0 0	PED68274	127.50	128.10	0.60	0.00	<0.005	-	-	0.00
			PED68275	128.10	128.80	0.70	0.00	<0.005	-	-	0.00
			PED68276	128.80	129.35	0.55	0.01	0.010	-	-	0.00
110.18 - 110.21	Alpha: 45 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 0 0									
111.62 - 111.64	Alpha: 50 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 0 0									
111.70 - 111.75	Alpha: 45 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2: 0 0									
115.60 - 117.00	Alpha: 15 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 15 20									
127.20 - 127.26	Alpha: 18 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 0 0									
127.26 - 127.36	Alpha: 20 Type/GEN/Intensity V3	Beta: 295 CA1: CA2: 0 0									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
129.35	137.35	Feature 1	PED68277	129.35	130.00	0.65	0.03	0.031	-	-	0.00
		Type	PED68278	130.00	131.00	1.00	0.05	0.050	-	-	0.00
		E1H High_titanium_basalt	PED68279	131.00	132.00	1.00	0.34	0.340	-	-	0.00
		QLF: GS1 MAS BAN	PED68281	132.00	133.00	1.00	0.04	0.038	-	-	0.00
		High Titanium Basalt. Fine grained, dark grey to brownish black. Biotite, chlorite altered and variably silicified, with local faintly appearing patches and bands .contains 2-5% po and py with local chalcopyrite veins from 131.70-131.80 m,. The sulfides make dissemination and local veinlets. Some Pyrrhotite grains are CG and blebby along fracture fill veinlets. Sharp upper contact at 129.35 @70 tca and lower contact at 137.35 m@ 30 tca and has got 5-7% Po concentration. The Qtz-carb veinlet with Po are at 20-35 tca. The sharp contacts and prvevaliance of pyrrhotite point to mafic dyke, and bands and patches of biotite and silica alteration appear its a Hi Ti altered basalt.	PED68282	133.00	134.00	1.00	0.15	0.150	-	-	0.00
			PED68283	134.00	135.00	1.00	0.46	0.456	-	-	0.00
			PED68284	135.00	136.00	1.00	0.23	0.227	-	-	0.00
			PED68286	136.00	136.80	0.80	0.59	0.588	-	-	0.00
			PED68287	136.80	137.35	0.55	0.91	0.912	-	-	0.00
		Alteration :									
		Type/Intensity/Texture									
		CBC 2 VND									
		SIL 3 PCH									
		BIO 4 PCH									
		Structure:									
	129.35 - 129.35	Alpha: 70									
		Beta: 0									
		Type/GEN/Intensity	CA1:	CA2:							
		CS	0	0							
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	129.35 - 131.00	PO GS1 1 DIS									
	131.00 - 132.00	PO GS1 1 DIS									
	131.00 - 132.00	PY GS1 0.5 DIS									
	131.00 - 132.00	CP GS1 2 STR									
	132.00 - 136.00	PY GS1 0.5 DIS		po diss and veilets							



LITHOLOGY REPORT

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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	132.00 - 136.00	PO	GS1	3	DIS	po diss and veilets										
	136.00 - 136.80	PO	GS1	1	DIS											
	136.80 - 137.35	PO	GS2	7	DIS	medium grained Po around lower contact with E0B with qtz-carb veining.										
137.35	139.30	Feature 1					PED68288	137.35	138.00	0.65	0.01	0.007	-	-	0.00	
		Type	Dyke	%	Thickness	Colour	Vein	PED68289	138.00	138.66	0.66	0.01	0.009	-	-	0.00
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0	GND	PED68290	138.66	139.00	0.34	0.06	0.055	-	-	
		QLF: ALT FOL					PED68291	139.00	139.30	0.30	0.13	0.125	-	-		
		Komatiitic Basalt.(Talc rich unit) Greenish, fine to medium grained, variably foliated , altered(talc,chl, bioti, carb). Qtz and qtz-carb veining 3-5%.1-3 cm thick @ 30 tca.The upper and lower contact has got more Po concentration. Foliated 40-60 tca. It is talc, chlorite altered.														
		Alteration :														
		Type/Intensity/Texture														
		CB 3 VND														
		TLC 3 PRV														
		CHL 3 PRV														
		Structure:														
	138.80 - 138.81	Alpha: 0			Beta: 0											
		Type/GEN/Intensity			CA1: CA2:											
		V3			0 0											
	139.30 - 139.30	Alpha: 0			Beta: 0											
		Type/GEN/Intensity			CA1: CA2:											
		CS			0 0											



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
139.30	148.50	Feature 1	PED68292	139.30	139.80	0.50	1.42	1.420	-	-
		Type	PED68293	139.80	140.80	1.00	0.07	0.073	-	-
		E1H High_titanium_basalt	PED68294	140.80	141.50	0.70	0.03	0.026	-	-
		QLF: ALT MAS GS1	PED68296	141.50	142.00	0.50	0.13	0.134	-	-
		High Titanium Basalt. Fine grained, dark grey to brownish black.massive to locally baded foliated. Biotite, chlorite altered and varaibly silicified, with local faintly appearing patches and bands .contains 2-5% po and py as dissemination and local veinlets. Some Pyrrhotite grains are CG and blebby along fracture fill veinlets.The upper contact sharp @ 20 tca contains 5% po from 139.30-140 m. The lower contact at 148.50 m is sharp @ 40 tca. Qtz and qtz carb and calcite veinlets make 1-2% 1-2 mm 20-30 tca. The po is dessiminated as well 50% in narrow mm size veilets 20-30tca 3-5%. The unit has bands and alteration patche sof biotite and silicification.sharp contacts and Po richness point it to be a mafic dyke ?	PED68297	142.00	143.00	1.00	0.02	0.015	-	-
			PED68298	143.00	144.00	1.00	0.02	0.017	-	-
			PED68299	144.00	145.00	1.00	0.04	0.040	-	-
			PED68300	145.00	146.00	1.00	0.07	0.073	-	-
			PED68301	146.00	147.00	1.00	0.07	0.070	-	-
			PED68302	147.00	148.00	1.00	0.06	0.061	-	-
			PED68303	148.00	148.50	0.50	0.08	0.081	-	-
		Alteration :								
		Type/Intensity/Texture								
		CB 3 VND								
		SIL 3 PCH								
		BIO 3 PRV								
		Structure:								
	141.82 - 141.83	Alpha: 0	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V3	0 0							
	141.94 - 141.94	Alpha: 0	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V5	0 0							
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment						
	139.30 - 140.00	PO GS1 3 BLB		po concentrated around the contact						
	141.00 - 142.00	PO GS2 3 BLB								



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)																																																								
148.50	150.52	Feature 1	PED68304	148.50	149.50	1.00	0.01	0.011	-	-																																																									
		<table border="0"> <tr> <td style="text-align: center;"><i>Type</i></td> <td style="text-align: center;"><i>Dyke</i></td> <td style="text-align: center;"><i>%</i></td> <td style="text-align: center;"><i>Thickness</i></td> <td style="text-align: center;"><i>Colour</i></td> <td style="text-align: center;"><i>Vein</i></td> </tr> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0			PED68306	149.50	150.52	1.02	0.01	0.013	-	-																																													
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																																																														
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0																																																																
		<p>QLF: FOL ALT</p> <p>Komatiitic Basalt. (Talc Rich unit). Fine to medium grained foliated @30-40 tca, talc, chlorite, carbonate altered. The carbonate make qtz-carb veinlets along the foliation.</p>																																																																	
		<p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;"><i>Type/Intensity/Texture</i></td> <td></td> </tr> <tr> <td>CB 3 VND</td> <td></td> </tr> <tr> <td>TLC 3 PRV</td> <td></td> </tr> <tr> <td>CHL 4 PRV</td> <td></td> </tr> </table>	<i>Type/Intensity/Texture</i>		CB 3 VND		TLC 3 PRV		CHL 4 PRV																																																										
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		<p>Structure:</p> <table border="0"> <tr> <td>149.53 - 149.53</td> <td>Alpha: 0</td> <td>Beta: 0</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Type/GEN/Intensity</i></td> <td style="text-align: center;"><i>CA1:</i></td> <td style="text-align: center;"><i>CA2:</i></td> <td></td> </tr> <tr> <td></td> <td>FOL</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>149.80 - 149.81</td> <td>Alpha: 0</td> <td>Beta: 0</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Type/GEN/Intensity</i></td> <td style="text-align: center;"><i>CA1:</i></td> <td style="text-align: center;"><i>CA2:</i></td> <td></td> </tr> <tr> <td></td> <td>V3</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>149.90 - 149.90</td> <td>Alpha: 0</td> <td>Beta: 0</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Type/GEN/Intensity</i></td> <td style="text-align: center;"><i>CA1:</i></td> <td style="text-align: center;"><i>CA2:</i></td> <td></td> </tr> <tr> <td></td> <td>FOL</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>150.52 - 150.52</td> <td>Alpha: 0</td> <td>Beta: 0</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Type/GEN/Intensity</i></td> <td style="text-align: center;"><i>CA1:</i></td> <td style="text-align: center;"><i>CA2:</i></td> <td></td> </tr> <tr> <td></td> <td>CS</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> </tr> </table>	149.53 - 149.53	Alpha: 0	Beta: 0				<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>			FOL	0	0		149.80 - 149.81	Alpha: 0	Beta: 0				<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>			V3	0	0		149.90 - 149.90	Alpha: 0	Beta: 0				<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>			FOL	0	0		150.52 - 150.52	Alpha: 0	Beta: 0				<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>			CS	0	0						
149.53 - 149.53	Alpha: 0	Beta: 0																																																																	
	<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>																																																																
	FOL	0	0																																																																
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	V3	0	0																																																																
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	<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>																																																																
	CS	0	0																																																																



LITHOLOGY REPORT

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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
150.52	156.80	Feature 1	PED68307	150.52	151.45	0.93	0.19	0.187	-	-
		Type	PED68308	151.45	152.00	0.55	0.15	0.145	-	-
		I3 Felsic_intrusive	PED68309	152.00	153.00	1.00	0.22	0.215	-	-
		QLF: GS1 MAS ALT	PED68310	153.00	154.00	1.00	0.36	0.361	-	-
		Felsic Intrusive(Felsic Dyke) light greyish white to browbish grey, fine to medium grained, silicified and biotite chlorite altered with fracture fill veinlets scattered 25-30 tca. Trace to 1% disseminated Po/ py conspicuous in biotite chlorite rich patches. Sharp upper contact at 45 tca broken core and lower sharp contact @156.80 m @ 70 tca.	PED68311	154.00	155.00	1.00	0.48	0.480	-	-
			PED68312	155.00	156.00	1.00	0.37	0.366	-	-
			PED68313	156.00	156.80	0.80	0.21	0.210	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 3 FF								
		SIL 3 PCH								
		BIO 3 PCH								
		Structure:								
		156.80 - 156.80								
		Alpha: 0								
		Beta: 0								
		Type/GEN/Intensity								
		CS								
		CA1: 0								
		CA2: 0								
156.80	174.45	Feature 1	PED68314	156.80	157.50	0.70	0.03	0.033	-	-
		Type	PED68316	157.50	158.00	0.50	0.01	0.005	-	-
		E0B Komatiitic_basalt	PED68317	158.00	159.00	1.00	0.00	<0.005	-	-
		QLF: GS2 ALT SPN	PED68318	159.00	160.00	1.00	0.00	<0.005	-	-
		Komatiitic Basalt. Fine to medium grained, greenish grey, weak to strongly foliated, 20-25 tca,with local massive bands.local weakly preserved Spinifex texture 165-172 m. strong chlorite alteration weak talc and carbonate alteration. The qtz-carb veining 1-2% more frequent to the lower contact.lower contact marked with talc rich komatiitic basalt by a qtz-carb banded vein 5 cm thick 174.40-174.45 m. .	PED68319	172.00	173.00	1.00	0.00	<0.005	-	-
			PED68321	173.00	173.72	0.72	0.00	<0.005	-	-
			PED68322	173.72	174.45	0.73	0.00	<0.005	-	-
		Alteration :								
		Type/Intensity/Texture								
		CB 1 PRV								



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		EPD 2 PRV									
		CHL 3 PRV									
174.45	192.83	Feature 1	PED68323	174.45	175.45	1.00	0.00	<0.005	-	-	
		<i>Type</i>	PED68324	175.45	176.00	0.55	0.00	<0.005	-	-	
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED68325	190.60	191.30	0.70	0.00	<0.005	-	-	
		E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0 GND	PED68326	191.30	192.00	0.70	0.01	0.005	-	-	
		QLF: ALT FOL	PED68327	192.00	192.83	0.83	0.02	0.022	-	-	
		Komatiitic Basalt. (Talc Rich unit). Fine to medium grained foliated @25-50 tca, talc, chlorite,biotite carbonate altered.The carbonate make 3-5% Qtz-carb and carb veinlets along the foliation 1 mm to 0.5 cm size.in local section the qtz-carb veins are 7-10 %175-179 m. no sulfides.									
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		TLC 3 PRV									
		CB 3 VND									
		CHL 3 PRV									
192.83	195.92	Feature 1	PED68328	192.83	193.30	0.47	0.14	0.141	-	-	
		<i>Type</i>	PED68329	193.30	193.80	0.50	0.02	0.021	-	-	
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED68331	193.80	194.40	0.60	0.01	0.014	-	-	
		V2S <i>Quartz_vein_with_sulphides</i> <input type="checkbox"/> 0 0 MIX	PED68332	194.40	195.00	0.60	0.20	0.196	-	-	
		QLF: MAS ALT BAN	PED68333	195.00	195.50	0.50	0.55	0.554	-	-	
		Quartz vein with Sulfides. Massive, banded greenish to greenish white, partly translucent white mixed with altered bands of komatiitic basalt. Its is composed of Quartz-chlorite-actinolite -carbonate and disseminated streaks , blebs of Pyrrhotite and Pyrite 3-7% making bands and layers at the contact of quartz vein.The bands and layers at the contacts of quartz and chlorite-actinolite bands orient @35-65 tca. Alteration bands make loose irregular patches bands with @10- 20 alpha . Local biotite rich concentration make 1-2 cm thick veining @35 tca. The quartz vein make 20-80% of the vein. The contacts are gradational and marked by bands of chlorite actinolite rich bands. Parts of qtz vein show brecciated zones. Local biotite rich patches.									
			PED68334	195.50	195.92	0.42	0.28	0.284	-	-	



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

Depending on the Qtz concentration the Qtz vein can be divided in bands from 192.83-193.25 m 20% qtz, 193.25-195.16 m with 80% qtz translucent 195.16-195.92 m 20% qtz vein. with variable sulfides. The upper and lower contacts are not very clear and altered EOB has been included as part of qtz vein. The different contacts of qtz vein and alteration bands range from 5 tca , 10 tca t0 30 and 55 tca.

Alteration :

Type/Intensity/Texture
BIO 3 PCH
CB 3 FF
CHL 4 FF

Structure:

192.83 - 195.92	Alpha: 0 Type/GEN/Intensity V2S	Beta: 0 CA1: CA2: 0 0
195.20 - 195.20	Alpha: 0 Type/GEN/Intensity CV	Beta: 0 CA1: CA2: 0 0
195.50 - 195.50	Alpha: 0 Type/GEN/Intensity CV	Beta: 0 CA1: CA2: 0 0
195.85 - 195.85	Alpha: 0 Type/GEN/Intensity CV	Beta: 0 CA1: CA2: 0 0

Mineralization Maj. :	Type/GSZ%/HABIT	Comment
192.83 - 193.25	PO GS1 1	qtz vein
193.25 - 195.16	PO GS1 5	qtz vein with 60-80% qtz
195.16 - 195.50	PO GS1 2	qtz vein with 40% qtz vein
195.50 - 195.92	PO GS1 1	qtz vein with 5-10% qtz



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
195.92	236.00	Feature 1	PED68336	195.92	197.00	1.08	0.01	0.009	-	-	
		Type	PED68337	197.00	198.00	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED68338	198.00	199.00	1.00	0.01	0.009	-	-	
		E0B Komatiitic_basalt □ 60 0 GYD	PED68339	199.00	200.00	1.00	0.02	0.015	-	-	
		QLF: CST ALT FTB	PED68340	200.00	200.60	0.60	0.07	0.072	-	-	
		Komatiitic Basalt.fine grained massive to banded locally banded foliated with qtz -carbonate and carbonate fracture folling from 10-20% to 50-60% from 195.92-204 m. local flow top breccia structres noted.chlorite, carbonate altered. Local sheared fractured band 199.40-200.60 m. weak pillowed and brecciated band 200.60-203 m with carbonate fracture filling.greenish blue fine grained "chert sutures" noted 2-3 cm thick 208-211 m. The section 211 to 216 m is Talc rich unit and section 216-220 m is dark colored fine grained massive and appear like Hi Ti basalt. The section 220-236 m is Talc rich unit E0Thaving dark grey cherty irregular shaped bands	PED68341	200.60	201.40	0.80	0.01	0.013	-	-	
			PED68342	201.40	202.00	0.60	0.01	0.009	-	-	
			PED68343	202.00	203.00	1.00	0.01	0.008	-	-	
			PED68344	203.00	204.00	1.00	0.00	<0.005	-	-	
			PED68346	204.00	205.00	1.00	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		CHL 3 FF									
		CB 4 FF									
		Structure:									
	208.96 - 209.12	Alpha: 0	Beta: 255								
		Type/GEN/Intensity	CA1: CA2:								
		V7	0 0								
	210.45 - 210.60	Alpha: 0	Beta: 85								
		Type/GEN/Intensity	CA1: CA2:								
		V2	0 0								
	215.30 - 215.40	Alpha: 0	Beta: 335								
		Type/GEN/Intensity	CA1: CA2:								
		V2A	0 0								
		Feature 2:									
		Type	Dyke % Thickness Colour Vein								



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		E0T <i>Talc_rich_unit</i> QLF: CST ALT FTB									
236.00	238.57	Feature 1									
		Type									
		IOE <i>Lamprophyre</i>									
		QLF: MAS ALT									
		Lamprophyre.Greenish grey, fine to medium grained, massive to small bands weakly foliated. Sharp upper contact @55 tca and sharp lower contact (core partly broken) @ 65 tca.biotite rich band 6-7 cm thick near upper contact @20-30 tca,. Strong Chlorite and biotite alteration patchy and pervasive.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		BIO 3 PCH									
		Structure:									
		236.00 - 236.01 Alpha: 0 Beta: 0									
		Type/GEN/Intensity									
		CS									
		CA1: CA2:									
		0 0									
		236.08 - 236.18 Alpha: 0 Beta: 0									
		Type/GEN/Intensity									
		BAN									
		CA1: CA2:									
		0 0									
		238.57 - 238.57 Alpha: 0 Beta: 0									
		Type/GEN/Intensity									
		CS									
		CA1: CA2:									
		0 0									
238.57	242.05	Feature 1									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF:</p> <p>Komatiitic Basalt(Talc Rich unit) Greenish grey,talc, chlorite rich with irregular cherty Qtz patches, brands along foliation 1-2%. Some of these softer may be serpentinite</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">CHL 3 PRV</p> <p style="padding-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>242.05 - 242.05 Alpha: 0 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity</p> <p style="padding-left: 40px;">CS CA1: CA2:</p> <p style="padding-left: 40px;">0 0 0</p>									
242.05	244.56	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I0E <i>Lamprophyre</i></p> <p>QLF:</p> <p>Lamprophyre.dark greenish fine to medium grained weakly foliated, biotite chlorite altered, with 0.5-1% Qtz-cal veining 0.25-0.5 cm thick. Upper contact @75 tca andlower contact sharp @ 15 tca.. The qtz -carb and calcite veining @30-35 tca</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">CB 1 VND</p> <p style="padding-left: 40px;">CHL 3 PRV</p> <p style="padding-left: 40px;">BIO 3 PRV</p> <p>Structure:</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	242.83 - 242.84	Alpha: 0 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									
	244.56 - 244.56	Alpha: 0 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2: 0 0									
244.56	254.00	Feature 1	PED68347	252.00	253.00	1.00	0.00	<0.005	-	-	
		Type	PED68348	253.00	254.00	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein									
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 GND									
		QLF: ALT FTB CST									
		Komatiitic Basalt(Talc Rich unit) Greenish grey,talc, chlorite rich with irregular cherty Qtz patches, bands along foliation 1-2%. Local zones show remanent flowtop breccia texture.									
		Alteration : Type/Intensity/Texture									
		SIL 3 PCH									
		TLC 3 PRV									
254.00	272.30	Feature 1	PED68349	254.00	255.00	1.00	0.00	<0.005	-	-	
		Type	PED68350	271.30	272.30	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein									
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GYL									
		QLF: MAS FTB CST									
		Komatiitic Basalt.dark greenish grey, fine grained massive to weakly fractured,with chlorite and carbonate alteration. Greenish chert sutures 1-2 % prresent along with talc-chlorite veining 254-256 m @ 20-50 tca and flow top breccia structures present. Weak talc alteration. Core broken locally beteen 262-264 m. no sulfides seen. The darker grey to balck bands may be Peridotitic Komatiitic bands E0A									



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 FF									
		CHL 3 PRV									
		CB 3 FF									
		Structure:									
	254.54 - 254.62	Alpha: 0									
		Type/GEN/Intensity									
		V2	Beta: 0	CA1:	CA2:						
				0	0						
	254.62 - 256.63	Alpha: 0									
		Type/GEN/Intensity									
		V2	Beta: 0	CA1:	CA2:						
				0	0						
	255.70 - 255.71	Alpha: 0									
		Type/GEN/Intensity									
		V2	Beta: 0	CA1:	CA2:						
				0	0						
272.30	293.09	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0	GND					
		QLF: ALT BRX SHD									
		Komatiitic Basalt(Talc Rich Unit) Dak greenish grey, fine grained weakly foliated veined , Talc, chlorite, carbonate altered. The section 282.50-293.09 m is light greenish colored and is more carbonate altered. Chlorite, carmonate veining 2-3 % 272.30-276 m . Weakly brecciated bands 277-280 m. local foliated @20 tca sheared breccaited band 288-289 m									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
		CB 3 PRV									
		CHL 3 PRV									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Structure:											
	272.30 - 272.85	Alpha: 0 Type/GEN/Intensity V3									
	288.00 - 289.00	Alpha: 0 Type/GEN/Intensity SHD									
	293.09 - 293.09	Alpha: 0 Type/GEN/Intensity CS									
293.09	294.18	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I0E Lamprophyre	<input type="checkbox"/>	0	0						
		QLF: MAS GS1									
		Lamprophyre.brownish black ,fine grained, massive, biotite rich, local trace calcite porphyritic or vesicle filled spots. Sharp upper contact @50 tca and sharp lower contact @70tca									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		BIO 4 PRV									
		Structure:									
	294.18 - 294.18	Alpha: 0 Type/GEN/Intensity CS									



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
294.18	305.45	Feature 1									
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT GS1 VND</p> <p>Komatiitic Basalt(Talc Rich unit). Light greenish grey, fine to medium grained, Talc, carbonate and chlorite altered. The chlorite talc are pervassive, while carbonate alteration is pervassive and qtz-carb veining.2-3 % 0.5-1 cm thick randomly oriented @ 20-60 tca.The unit may also be pervassively silicified as its harder than normal talc rich unit.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">TLC 3 PRV</p> <p style="padding-left: 40px;">CHL 4 PRV</p> <p style="padding-left: 40px;">CB 4 VND</p> <p>Structure:</p> <p>297.26 - 297.27 Alpha: 0 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity</p> <p style="padding-left: 40px;">V3 CA1: CA2:</p> <p style="padding-left: 80px;">0 0</p> <p>297.54 - 297.55 Alpha: 0 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity</p> <p style="padding-left: 40px;">V3 CA1: CA2:</p> <p style="padding-left: 80px;">0 0</p> <p>299.10 - 299.32 Alpha: 0 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity</p> <p style="padding-left: 40px;">V3 CA1: CA2:</p> <p style="padding-left: 80px;">0 0</p>									
305.45	310.27	Feature 1									
		<p>Type</p> <p>I1A Gabbro</p> <p>QLF: MAS GS2 ALT</p>									



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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Gabbro. Dark greenish medium grained, massive, granular. Biotite altered and silicified. weak chlorite altered. No sulfide seen. Sharp upper contact @20 tca. The lower contact is @ 70 tca, with less altered gabbro.

Alteration : **Type/Intensity/Texture**
 CHL 2 PRV
 SIL 2 PRV
 BIO 2 SPT

310.27 312.26 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I1A Gabbro	□	0	0	GNL	

QLF: GS2 MAS ALT

Gabbro. Light greenish medium grained, massive, granular. Chlorite and epidote altered. No sulfide seen. Sharp upper contact @60 tca. The lower contact is @ 65 tca, with a 8 cm thick felsic intrusive dyke 312-312.34 m. weak biotite and silicification alteration.

Alteration : **Type/Intensity/Texture**
 EPD 2 PRV
 BIO 1 PRV

312.26 312.34 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I3 Felsic_intrusive	□	0	0	GYL	

QLF: MAS GS1

Felsic Intrusive. Fine grained grey 8 cm thick felsic dyke with sharp upper and lower contacts @65 tca and 70 tca



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Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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Alteration : **Type/Intensity/Texture**
SIL 2 PRV

Structure:

312.26 - 312.34 Alpha: 0 Beta: 0
Type/GEN/Intensity **CA1: CA2:**
CD 0 0

312.34 320.35 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I1A Gabbro	□	0	0	GNL	

QLF: MAS GS2

Gabbro. Light greenish medium grained, massive, granular. Chlorite and epidote altered. No sulfide seen. Sharp upper contact @75 tca. The lower contact is with Mafic dyke at 320.25 m @ 70 tca .weak biotte and silicification alteration.

Alteration : **Type/Intensity/Texture**
CHL 2 PRV
EPD 2 PRV

320.35 321.07 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I1 Mafic_intrusive	□	0	0		

QLF: MAS GS1

Mafic Dyke. Fine grained massive. Sharp upper and lower contacts @ 70 tca and @85 tca respectively.



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		<p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>CHL 2 PRV</p>									
321.07	323.08	<p>Feature 1</p> <p style="margin-left: 40px;">Type</p> <p>I1A Gabbro Dyke % Thickness Colour Vein</p> <p style="margin-left: 40px;">□ 0 0</p> <p>QLF: GS2 MAS ALT</p> <p>Gabbro. Light greenish medium grained, massive, granular. Chlorite and epidote altered. No sulfide seen. Sharp upper</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>CHL 3 PRV</p>									
323.08	325.25	<p>Feature 1</p> <p style="margin-left: 40px;">Type</p> <p>I2 Intermediate_intrusive Dyke % Thickness Colour Vein</p> <p style="margin-left: 40px;">□ 0 0 GYL</p> <p>QLF: MAS GS1 ALT</p> <p>Intermediate Intrusive.fine grained massive. Silicified. Local greenish chlorite altered band 324.60-324.93 m. sharp upper and lower contacts@ 40 tca and @ 80tca respectively.</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 2 PRV</p>									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		CHL 2 BAN									
325.25	327.14	Feature 1									
		<p>Type</p> <p>I1A Gabbro</p> <p>QLF: MAS GS2</p> <p>Gabbro. Light greenish medium grained, massive, granular. Chlorite and epidote altered. No sulfide seen. Sharp upper contact @ 80 tca and lower at @45 tca relatively fresh and very weak alteration.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">EPD 1 PRV</p> <p style="padding-left: 40px;">CHL 1 PRV</p> <p>Structure:</p> <p>327.14 - 327.14 Alpha: 0 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity</p> <p style="padding-left: 40px;">CS CA1: 0 CA2: 0</p>									
327.14	328.70	Feature 1									
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT GS1</p> <p>Komatiitic Basalt (Talc rich unit)Light greenish grey, fine to medium grained, Talc, carbonate and chlorite altered. The chlorite talc are pervasive.upper contact with Gabbro@327.14 tca and at 328.70 m @60 tca. The tal rich unit may be an altered Gabbro.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p>	PED68357	327.14	328.00	0.86	0.01	0.008	-	-	
			PED68358	328.00	328.70	0.70	0.01	0.008	-	-	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 TLC 3 PRV									
328.70	329.46	Feature 1	PED68359	328.70	329.46	0.76	0.16	0.161	-	-	
		<p>Type</p> <p>I1A Gabbro</p> <p>QLF: MAS</p> <p>Gabbro. Light greenish medium grained, massive, granular. Chlorite and epidote altered. No sulfide seen. Sharp upper contact @ 60 tca and lower at @45 tca , chlorite biotite altered compared to other gabbro bands above</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">CB 1 PRV</p> <p style="margin-left: 20px;">CHL 3 PRV</p> <p style="margin-left: 20px;">BIO 3 PRV</p> <p>Structure:</p> <p>329.46 - 329.46 Alpha: 0 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 20px;">CS CA1: 0 CA2: 0</p>									
329.46	331.80	Feature 1	PED68361	329.46	330.00	0.54	0.05	0.047	-	-	
		<p>Type</p> <p>I1A Gabbro</p> <p>QLF: GS1 PHE ALT</p> <p>Gabbro. Altered Gabbro/High Titanium Basalt or I3R (Q FP) Dark greyish, fine grained,matrix with local</p>	PED68362	330.00	331.00	1.00	0.15	0.147	-	-	
			PED68363	331.00	331.80	0.80	0.22	0.224	-	-	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
<p>sparse cluster of Qtz felds phenocrysts 1-2%. It is chlorite, biotite altered and silicified. Pyrrhotite Po disseminated 2-3% from fine grained to blebby Po grains. Gradational upper contact with Talc rich unit and sharp lower contact at @35 tca with Felsic dyke. Qtz-carb veining 1-2% @ 35 tca. The unit may be an altered QFP having porphyritic Texture and silicic composition.</p>											
<p>Alteration : Type/Intensity/Texture</p> <p> CHL 3 PRV</p> <p> SIL 4 PRV</p> <p> BIO 4 PRV</p>											
<p>Structure:</p> <p>331.80 - 331.80 Alpha: 0 Beta: 160</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CS 0 0</p>											
<p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>329.46 - PO GS1 1 DIS Mineralize HiTi/QFP?</p> <p>330.00</p> <p>330.00 - PO GS1 3 DIS disseminated and blebby Po 3-5%</p> <p>331.80</p>											
331.80	333.88	Feature 1	PED68364	331.80	332.80	1.00	0.14	0.144	-	-	
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	☐	0	0	GYL					
		<p>QLF: MAS ALT GS1</p> <p>Felsic Intrusive. Fine to medium grained massive, silicified , with chlorite, biotite fracture fill veinlets. Disseminated po/py trace to 0.5 %</p>									
<p>Alteration : Type/Intensity/Texture</p> <p> SIL 4 PRV</p> <p> CHL 3 FF</p> <p> BIO 2 FF</p>											



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Structure:											
331.91 - 331.92		Alpha: 0 Type/GEN/Intensity V3									
		Beta: 215 CA1: CA2: 0 0									
333.35 - 333.35		Alpha: 0 Type/GEN/Intensity FRA									
		Beta: 170 CA1: CA2: 0 0									
333.80 - 333.80		Alpha: 0 Type/GEN/Intensity CS									
		Beta: 20 CA1: CA2: 0 0									
333.88	339.62	Feature 1									
		Type									
		I1A Gabbro									
		QLF: GS1 BAN ALT									
		Gabbro(Altered Gabbro).greenish grey brown, weakly biotite, chlorite altered and moderately silicified locally.(May be an altered HiTi Basalt?) Blebby and fine grained disseminated thread like Po 2-5%. The lower contact is weakly marked by faint qtz-chl vein, vanishing and disappearance of Pyrrhotite at 339.62 m @ 40tca with gabbro.Qz- carb, and Qtz-calcite veining and carbonate veining 7-10 % 20-40 cm long 2-4 cm thick 336.10-336.50 m@25 tca and 336.58-336.76 m @25 tca, 336.80-337 m @30 tca									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
336.10 - 336.50		Alpha: 0 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	336.58 - 336.76	Alpha: 0 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2: 0 0									
	336.80 - 337.00	Alpha: 0 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2: 0 0									
	338.08 - 338.15	Alpha: 0 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2: 0 0									
	339.62 - 339.62	Alpha: 0 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2: 0 0									
		Mineralization Maj. : Type/GSZ%/HABIT									
	333.88 - 336.00	PO GS1 1 DIS									
	336.00 - 338.00	PO GS1 1 DIS									
	336.00 - 338.00	PO GS1 4 BLB									
	338.00 - 339.62	PO GS1 3 DIS									"altered gabbro
339.62	341.60	Feature 1									
		Type									
		Dyke % Thickness Colour Vein									
		I1A Gabbro <input type="checkbox"/> 0 0	PED68376	339.62	340.60	0.98	0.02	0.021	-	-	
		QLF: GS2 MAS	PED68377	340.60	341.60	1.00	0.07	0.067	-	-	
		Gabbro. Light greenish medium grained, massive, granular. Chlorite and epidote altered. Upper contact @ 40 tca and lower at 60tca but gradational with E0T, marked by change of hadness.									
		Alteration : Type/Intensiv/Texture									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		AMP									
		SIL									
		CHL 2 PRV									
		Structure:									
	341.60 - 341.60	Alpha: 0									
		Beta: 0									
		Type/GEN/Intensity									
		CS									
		CA1: 0									
		CA2: 0									
341.60	347.92	Feature 1									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		E0T Talc_rich_unit									
		<input type="checkbox"/>									
		0									
		0 GNL									
		QLF: ALT FOL									
		Komatiitic Basalt (Talc Rich unit. (Talc rich unit)Light greenish grey, fine to medium grained, Talc, carbonate and chlorite altered. Qtz- carb veining 2-3 % 1-3 cm thick along foliation @ 30-45 tca									
		Alteration :									
		Type/Intensity/Texture									
		CB 3 FF									
		CHL 3 PRV									
		TLC 3 PRV									
		Structure:									
	347.92 - 347.92	Alpha: 0									
		Beta: 0									
		Type/GEN/Intensity									
		CS									
		CA1: 0									
		CA2: 0									
		PED68378		341.60	342.60	1.00	0.01	0.008	-	-	
		PED68379		342.60	343.50	0.90	0.01	0.005	-	-	
		PED68381		343.50	344.50	1.00	0.00	<0.005	-	-	
		PED68382		344.50	345.50	1.00	0.00	<0.005	-	-	
		PED68383		345.50	346.50	1.00	0.00	<0.005	-	-	
		PED68384		346.50	347.40	0.90	0.01	0.010	-	-	
		PED68385		347.40	347.92	0.52	0.00	<0.005	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
347.92	354.00	Feature 1	PED68386	347.92	349.00	1.08	0.02	0.021	-	-	
		Type	PED68387	349.00	350.00	1.00	0.00	<0.005	-	-	
		I1 Mafic_intrusive	PED68388	350.00	351.00	1.00	0.00	<0.005	-	-	
		QLF: GS1 ALT FOL	PED68389	351.00	352.00	1.00	0.01	0.007	-	-	
		Mafic Intrusive(mafic Dyke) Dark greenish grey, fine grained, massive chlorite, biotite altered. Local chlorite fracture fill veinlet 1-2%. Upper contact not clear @ 85 tca and lower contact broken @ 25tca. The part towards lower contact is weakly foliated and sheared @25-40 tca. From 353.25-354 m. no sulfides observed	PED68391	352.00	352.58	0.58	0.00	<0.005	-	-	
			PED68392	352.58	353.25	0.67	0.00	<0.005	-	-	
			PED68393	353.25	354.00	0.75	0.01	0.009	-	-	
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		CHL 3 PRV									
		Structure:									
		353.25 - 353.99									
		Alpha: 0									
		Beta: 0									
		Type/GEN/Intensity									
		SHD									
		CA1: 0									
		CA2: 0									
354.00	402.00	Feature 1	PED68394	354.00	355.00	1.00	0.01	0.012	-	-	
		Type	PED68396	355.00	356.00	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED68397	356.00	357.00	1.00	0.00	<0.005	-	-	
		QLF: ALT BRX SHD	PED68398	357.00	358.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt. Tal rich unit. Light greenish grey, greenish white, strongly Carbinated, talc, chlorite altered. Strongly foliated 25-30 tca, locally Brecciated 378.10-381.60 m with greyish qtz rich brecciated bands. Qtz-carbonate veining 5-10% Contains greenish chert suture band 378.88-379.08 m. banded qtz-carb-Fuchschie vein 387.57-387.70 m. Local sheared foliated band with 10-12% qtz-carb veining 10-30 tca from 394-402 m E.O.H	PED68399	358.00	359.00	1.00	0.00	<0.005	-	-	
			PED68400	359.00	360.00	1.00	0.01	0.007	-	-	
			PED68401	378.10	379.10	1.00	0.00	<0.005	-	-	
			PED68402	379.10	380.00	0.90	0.00	<0.005	-	-	
			PED68403	380.00	381.00	1.00	0.03	0.031	-	-	
			PED68404	381.00	381.60	0.60	0.00	<0.005	-	-	
			PED68406	381.60	382.60	1.00	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		TLC 4 PRV									



LITHOLOGY REPORT

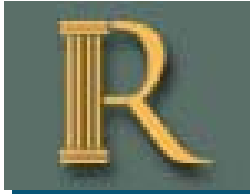
- Detailed -

Hole Number **305-17-26**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		CB 4 FF	PED68407	382.60	383.60	1.00	0.00	<0.005	-	-	-
		Structure:	PED68408	383.60	384.60	1.00	0.00	<0.005	-	-	-
354.00 - 354.01		Alpha: 0	PED68409	384.60	385.60	1.00	0.00	<0.005	-	-	-
		Type/GEN/Intensity	PED68411	385.60	386.50	0.90	0.00	<0.005	-	-	-
		CS	PED68412	386.50	387.50	1.00	0.07	0.071	-	-	-
354.15 - 354.34		Alpha: 0	PED68413	387.50	388.00	0.50	0.01	0.006	-	-	-
		Type/GEN/Intensity	PED68414	388.00	389.00	1.00	0.00	<0.005	-	-	-
		V3	PED68416	395.00	396.00	1.00	0.00	<0.005	-	-	-
378.10 - 381.60		Alpha: 0	PED68417	396.00	397.00	1.00	0.01	0.005	-	-	-
		Type/GEN/Intensity	PED68418	397.00	398.00	1.00	0.01	0.005	-	-	-
		SHD	PED68419	398.00	399.00	1.00	0.00	<0.005	-	-	-
387.57 - 387.70		Alpha: 0	PED68420	399.00	400.00	1.00	0.00	<0.005	-	-	-
		Type/GEN/Intensity	PED68421	400.00	401.00	1.00	0.00	<0.005	-	-	-
		V3	PED68422	401.00	402.00	1.00	0.00	<0.005	-	-	-



DRILL HOLE REPORT

Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 40.25	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -29.9	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 402	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 25-Jul-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 31-Jul-17				Surveyed: yes
Logged: 25-Aug-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10220.763	East: 448370.44
			North: 50065.733	North: 5663853.23
			Elev.: 5066.197	Elev.: 66.2
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	40.25	-29.90	C	<input checked="" type="checkbox"/>	
0.10	40.00	-29.90	Gyro	<input checked="" type="checkbox"/>	
10.10	39.90	-29.96	Gyro	<input checked="" type="checkbox"/>	
15.00	37.35	-29.73	DeviShot	<input type="checkbox"/>	Suspect; Replaced by gyro
20.10	40.15	-30.04	Gyro	<input checked="" type="checkbox"/>	
30.10	40.20	-30.08	Gyro	<input checked="" type="checkbox"/>	
40.10	40.21	-30.13	Gyro	<input checked="" type="checkbox"/>	
50.10	40.13	-30.17	Gyro	<input checked="" type="checkbox"/>	
51.00	39.99	-30.04	DeviShot	<input type="checkbox"/>	Replaced by gyro
60.10	40.13	-30.22	Gyro	<input checked="" type="checkbox"/>	
70.10	40.05	-30.31	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	40.07	-30.36	Gyro	<input checked="" type="checkbox"/>	
90.10	40.15	-30.47	Gyro	<input checked="" type="checkbox"/>	
100.10	40.25	-30.54	Gyro	<input checked="" type="checkbox"/>	
102.00	41.26	-30.42	DeviShot	<input type="checkbox"/>	Replaced by gyro
110.10	40.30	-30.57	Gyro	<input checked="" type="checkbox"/>	
120.10	40.39	-30.63	Gyro	<input checked="" type="checkbox"/>	
130.10	40.48	-30.57	Gyro	<input checked="" type="checkbox"/>	
140.10	40.63	-30.28	Gyro	<input checked="" type="checkbox"/>	
150.10	40.65	-30.44	Gyro	<input checked="" type="checkbox"/>	
153.00	41.11	-30.32	DeviShot	<input type="checkbox"/>	Replaced by gyro
160.10	40.74	-30.46	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-27

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	40.77	-30.56	Gyro	<input checked="" type="checkbox"/>	
180.10	40.79	-30.50	Gyro	<input checked="" type="checkbox"/>	
190.10	40.86	-30.45	Gyro	<input checked="" type="checkbox"/>	
200.10	40.86	-30.38	Gyro	<input checked="" type="checkbox"/>	
201.00	39.45	-30.28	DeviShot	<input type="checkbox"/>	Replaced by gyro
210.10	40.86	-30.34	Gyro	<input checked="" type="checkbox"/>	
220.10	40.90	-30.24	Gyro	<input checked="" type="checkbox"/>	
230.10	40.71	-30.32	Gyro	<input checked="" type="checkbox"/>	
240.10	40.60	-30.30	Gyro	<input checked="" type="checkbox"/>	
250.10	40.65	-30.28	Gyro	<input checked="" type="checkbox"/>	
255.00	40.36	-30.21	DeviShot	<input type="checkbox"/>	Replaced by gyro
260.10	40.58	-30.34	Gyro	<input checked="" type="checkbox"/>	
270.10	40.52	-30.30	Gyro	<input checked="" type="checkbox"/>	
280.10	40.62	-30.25	Gyro	<input checked="" type="checkbox"/>	
290.10	40.66	-30.24	Gyro	<input checked="" type="checkbox"/>	
300.10	40.71	-30.21	Gyro	<input checked="" type="checkbox"/>	
306.00	39.40	-30.07	DeviShot	<input type="checkbox"/>	Replaced by gyro
310.10	40.66	-30.18	Gyro	<input checked="" type="checkbox"/>	
320.10	40.50	-30.24	Gyro	<input checked="" type="checkbox"/>	
330.10	40.39	-30.23	Gyro	<input checked="" type="checkbox"/>	
340.10	40.27	-30.05	Gyro	<input checked="" type="checkbox"/>	
350.10	40.11	-30.05	Gyro	<input checked="" type="checkbox"/>	
357.00	38.32	-29.82	DeviShot	<input type="checkbox"/>	Replaced by gyro
360.10	40.09	-30.37	Gyro	<input checked="" type="checkbox"/>	
370.10	40.21	-30.50	Gyro	<input checked="" type="checkbox"/>	
380.10	40.09	-30.63	Gyro	<input checked="" type="checkbox"/>	
390.10	40.02	-30.90	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	39.69	-30.74	DeviShot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.70	Feature 1									
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: GS1 FTB</p> <p>Talc; Dark Blue/Green; Aphanitic; wk flow top texture; mod talc alteration fractures @ TCA; LCT @ 10 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p> TLC 2 PRV</p>									
2.70	20.85	Feature 1									
		<p>Type</p> <p>I1A <i>Gabbro</i></p> <p>QLF: GS1 MAS</p> <p>Gabbro; Med-Dark Green-Blueish; Fine Grained; mostly massive; speckled FG biotite throughout with classic gabbroic texture; localized qtz carb veining sub-// TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p> BIO 2 PRV</p> <p>Structure:</p> <p>5.70 - 7.55 Alpha: 10 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> V1 2 10 50</p>									
			PED67260	2.70	3.80	1.10	0.00	<0.005	-	-	0.00
			PED67261	3.80	4.70	0.90	0.00	<0.005	-	-	0.00
			PED67262	4.70	5.70	1.00	0.00	<0.005	-	-	0.00
			PED67263	5.70	6.70	1.00	0.01	0.014	-	-	0.00
			PED67264	6.70	7.55	0.85	0.49	0.485	-	-	0.00
			PED67266	7.55	8.00	0.45	0.00	<0.005	-	-	0.00
			PED67267	8.00	8.85	0.85	0.00	<0.005	-	-	0.00
			PED67268	8.85	9.80	0.95	0.00	<0.005	-	-	0.00
			PED67269	9.80	10.45	0.65	0.00	<0.005	-	-	0.00
			PED67270	10.45	11.45	1.00	0.00	<0.005	-	-	0.00
			PED67271	11.45	12.55	1.10	0.00	<0.005	-	-	0.00
			PED67272	12.55	13.20	0.65	0.02	0.022	-	-	0.00
			PED67273	13.20	14.05	0.85	0.00	<0.005	-	-	0.00
			PED67275	14.05	15.00	0.95	0.01	0.011	-	-	0.00
			PED67276	15.00	16.00	1.00	0.00	<0.005	-	-	0.00
			PED67277	16.00	17.00	1.00	0.00	<0.005	-	-	0.00
			PED67278	17.00	17.80	0.80	0.01	0.012	-	-	0.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED67279	17.80	18.35	0.55	0.00	<0.005	-	-	0.00
			PED67280	18.35	18.70	0.35	0.01	0.006	-	-	0.00
			PED67281	18.70	19.75	1.05	0.03	0.026	-	-	0.00
			PED67282	19.75	20.85	1.10	0.00	<0.005	-	-	0.00
20.85	67.40	Feature 1	PED67283	20.85	21.85	1.00	0.00	<0.005	-	-	0.00
		Type	PED67285	21.85	22.85	1.00	0.00	<0.005	-	-	0.00
		Dyke % Thickness Colour Vein	PED67286	22.85	23.70	0.85	0.00	<0.005	-	-	0.00
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67287	23.70	24.00	0.30	0.00	<0.005	-	-	0.00
		QLF: FTB GS1 FOL	PED67288	24.00	25.00	1.00	0.00	<0.005	-	-	0.00
		Talc; Med-Dark Green; creamy talcose stringers; strong shearing from 20.85--29.25 dissipating downhole; strong flow top brx texture through; Mod S1 Fol throughout @ 35 TCA; LCT gradational	PED67289	25.00	25.90	0.90	0.00	<0.005	-	-	0.00
		Alteration : Type/Intensity/Texture	PED67290	25.90	26.90	1.00	0.00	<0.005	-	-	0.00
		TLC 3 PRV	PED67292	26.90	27.90	1.00	0.00	<0.005	-	-	0.00
		Structure:	PED67293	27.90	28.50	0.60	0.00	<0.005	-	-	0.00
20.85 - 29.25		Alpha: 25 Beta: 0	PED67294	28.50	29.25	0.75	0.00	<0.005	-	-	0.00
		Type/GEN/Intensity CA1: CA2:	PED67296	29.25	30.25	1.00	0.00	<0.005	-	-	0.00
		SHD 3 25 35	PED67297	30.25	31.25	1.00	0.00	<0.005	-	-	0.00
		FLT 3 15 35	PED67298	31.25	32.20	0.95	0.00	<0.005	-	-	0.00
58.45 - 62.10		Alpha: 30 Beta: 0	PED67299	32.20	33.20	1.00	0.00	<0.005	-	-	0.00
		Type/GEN/Intensity CA1: CA2:	PED67300	33.20	34.20	1.00	0.00	<0.005	-	-	0.00
		FLT 2 25 35	PED67301	34.20	35.15	0.95	0.00	<0.005	-	-	0.00
		SHD 2 25 35	PED67302	35.15	36.15	1.00	0.00	<0.005	-	-	0.00
			PED67303	36.15	36.75	0.60	0.00	<0.005	-	-	0.00
			PED67304	36.75	37.90	1.15	0.00	<0.005	-	-	0.00
			PED67306	37.90	38.90	1.00	0.00	<0.005	-	-	0.00
			PED67307	38.90	39.75	0.85	0.00	<0.005	-	-	0.00
			PED67308	39.75	40.35	0.60	0.00	<0.005	-	-	0.00
			PED67309	40.35	41.35	1.00	0.00	<0.005	-	-	0.00



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED67310	41.35	42.25	0.90	0.00	<0.005	-	-	0.00
			PED67311	42.25	43.15	0.90	0.00	<0.005	-	-	0.00
			PED67312	43.15	44.15	1.00	0.00	<0.005	-	-	0.00
			PED67313	44.15	45.15	1.00	0.00	<0.005	-	-	0.00
			PED67314	45.15	46.15	1.00	0.00	<0.005	-	-	0.00
			PED67316	46.15	47.30	1.15	0.00	<0.005	-	-	0.00
			PED67317	47.30	48.30	1.00	0.00	<0.005	-	-	0.00
			PED67318	48.30	49.30	1.00	0.00	<0.005	-	-	0.00
			PED67319	49.30	50.00	0.70	0.00	<0.005	-	-	0.00
			PED67320	50.00	51.00	1.00	0.00	<0.005	-	-	0.00
			PED67321	51.00	52.10	1.10	0.00	<0.005	-	-	0.00
			PED67323	52.10	53.30	1.20	0.00	<0.005	-	-	0.00
			PED67324	53.30	54.10	0.80	0.00	<0.005	-	-	0.00
			PED67325	54.10	55.10	1.00	0.00	<0.005	-	-	0.00
			PED67326	55.10	56.00	0.90	0.00	<0.005	-	-	0.00
			PED67327	56.00	57.00	1.00	0.00	<0.005	-	-	0.00
			PED67328	57.00	57.70	0.70	0.00	<0.005	-	-	0.00
			PED67329	57.70	58.45	0.75	0.00	<0.005	-	-	0.00
			PED67330	58.45	59.20	0.75	0.00	<0.005	-	-	0.00
			PED67332	59.20	60.20	1.00	0.01	0.008	-	-	0.00
			PED67333	60.20	60.50	0.30	0.00	<0.005	-	-	0.00
			PED67334	60.50	61.10	0.60	0.00	<0.005	-	-	0.00
			PED67335	61.10	62.00	0.90	0.02	0.015	-	-	0.00
			PED67336	62.00	63.00	1.00	0.01	0.005	-	-	0.00
			PED67338	63.00	64.00	1.00	0.03	0.027	-	-	0.00
			PED67339	64.00	65.00	1.00	0.04	0.037	-	-	0.00
			PED67340	65.00	66.00	1.00	0.01	0.005	-	-	0.00



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Project: **PHOENIX**

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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED67342	66.00	66.60	0.60	0.00	<0.005	-	-	0.00
			PED67343	66.60	67.40	0.80	0.00	<0.005	-	-	0.00
67.40	71.30	Feature 1	PED67344	67.40	68.40	1.00	0.04	0.036	-	-	0.00
		Type	PED67345	68.40	69.40	1.00	0.00	<0.005	-	-	0.00
		Dyke % Thickness Colour Vein	PED67346	69.40	70.30	0.90	0.01	0.005	-	-	0.00
		I1A Gabbro <input type="checkbox"/> 0 0	PED67347	70.30	71.30	1.00	0.01	0.010	-	-	0.00
		QLF:									
		Gabbro [Record added during data validation to fill in missing interval in the lithology, using sample descriptions and core photo markups to obtain the lithology. 2017-12-03, DS]									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		CHL									
71.30	117.40	Feature 1	PED67348	71.30	72.30	1.00	0.00	<0.005	-	-	0.00
		Type	PED67349	72.30	73.30	1.00	0.01	0.006	-	-	0.00
		Dyke % Thickness Colour Vein	PED67350	73.30	74.30	1.00	0.00	<0.005	-	-	0.00
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67351	74.30	75.30	1.00	0.00	<0.005	-	-	0.00
		QLF: ALT SHD GS1	PED67352	75.30	76.30	1.00	0.00	<0.005	-	-	0.00
		Talc; Med-Dark Green; creamy talcose stringers w/ wk-mod carb & silica replacement; mod-strong flow top brx texture throughout; Mod S1 Fol throughout @ 35 TCA; LCT sharp @ 30 TCA	PED67353	76.30	77.30	1.00	0.00	<0.005	-	-	0.00
		Alteration :	PED67355	77.30	78.30	1.00	0.00	<0.005	-	-	0.00
		Type/Intensity/Texture	PED67356	78.30	79.20	0.90	0.00	<0.005	-	-	0.00
		TLC 3 PRV	PED67357	79.20	79.95	0.75	0.00	<0.005	-	-	0.00
			PED67358	79.95	80.95	1.00	0.01	0.006	-	-	0.00
			PED67359	80.95	81.70	0.75	0.01	0.009	-	-	0.00
			PED67360	81.70	82.60	0.90	0.01	0.009	-	-	0.00



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED67361	82.60	83.45	0.85	0.01	0.011	-	-	0.00
			PED67363	83.45	84.35	0.90	0.01	0.014	-	-	0.00
			PED67364	84.35	85.20	0.85	0.01	0.009	-	-	0.00
			PED67365	85.20	85.80	0.60	0.01	0.005	-	-	0.00
			PED67367	85.80	86.55	0.75	0.00	<0.005	-	-	0.00
			PED67368	86.55	87.50	0.95	0.01	0.006	-	-	
			PED67369	87.50	88.50	1.00	0.00	<0.005	-	-	
			PED67370	88.50	89.15	0.65	0.00	<0.005	-	-	
			PED67371	89.15	90.15	1.00	0.01	0.007	-	-	
			PED67372	90.15	91.00	0.85	0.00	<0.005	-	-	
			PED67373	91.00	91.60	0.60	0.01	0.010	-	-	
			PED67374	91.60	92.50	0.90	0.00	<0.005	-	-	
			PED67375	92.50	93.00	0.50	0.00	<0.005	-	-	
			PED67376	93.00	94.00	1.00	0.01	0.012	-	-	
			PED67377	94.00	95.00	1.00	0.01	0.009	-	-	
			PED67378	95.00	96.00	1.00	0.00	<0.005	-	-	
			PED67380	96.00	97.00	1.00	0.01	0.005	-	-	
			PED67381	97.00	98.00	1.00	0.00	<0.005	-	-	
			PED67382	98.00	99.00	1.00	0.02	0.016	-	-	
			PED67383	99.00	100.15	1.15	0.00	<0.005	-	-	
			PED67384	100.15	100.85	0.70	0.01	0.008	-	-	
			PED67385	100.85	101.55	0.70	0.00	<0.005	-	-	
			PED67386	101.55	101.90	0.35	0.00	<0.005	-	-	
			PED67388	101.90	102.90	1.00	0.01	0.007	-	-	
			PED67389	102.90	103.90	1.00	0.00	<0.005	-	-	
			PED67390	103.90	104.50	0.60	0.01	0.007	-	-	
			PED67391	104.50	105.45	0.95	0.00	<0.005	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED67392	105.45	106.20	0.75	0.00	<0.005	-	-	
			PED67394	106.20	107.20	1.00	0.00	<0.005	-	-	
			PED67395	107.20	108.20	1.00	0.00	<0.005	-	-	
			PED67396	108.20	109.15	0.95	0.00	<0.005	-	-	
			PED67397	109.15	110.15	1.00	0.00	<0.005	-	-	
			PED67398	110.15	111.15	1.00	0.00	<0.005	-	-	
			PED67399	111.15	111.65	0.50	0.00	<0.005	-	-	
			PED67400	111.65	112.15	0.50	0.00	<0.005	-	-	
			PED67401	112.15	113.10	0.95	0.00	<0.005	-	-	
			PED67402	113.10	113.90	0.80	0.00	<0.005	-	-	
			PED67403	113.90	114.50	0.60	0.00	<0.005	-	-	
			PED67404	114.50	114.95	0.45	0.01	0.009	-	-	
			PED67406	114.95	115.75	0.80	0.00	<0.005	-	-	
			PED67407	115.75	116.45	0.70	0.01	0.012	-	-	
			PED67408	116.45	117.20	0.75	0.01	0.007	-	-	
117.40	125.35	Feature 1	PED67409	117.20	117.90	0.70	0.00	<0.005	-	-	
		<i>Type</i>	PED67410	117.90	118.90	1.00	0.00	<0.005	-	-	
		<i>Dyke</i>	PED67411	118.90	119.90	1.00	0.00	<0.005	-	-	
		<i>%</i>	PED67412	119.90	120.85	0.95	0.01	0.010	-	-	
		<i>Thickness</i>	PED67414	120.85	121.75	0.90	0.01	0.010	-	-	
		<i>Colour</i>	PED67415	121.75	122.65	0.90	0.01	0.007	-	-	
		<i>Vein</i>	PED67416	122.65	123.70	1.05	0.02	0.015	-	-	
		E0B Komatiitic_basalt	PED67417	123.70	124.70	1.00	0.01	0.008	-	-	
		QLF: GS1 FTB	PED67418	124.70	125.35	0.65	0.02	0.015	-	-	
		Talc-Altered BK; med-dark green; mod flow top brx texture throughout; mod S1 fol @ 60 TCA; 2% talcose stringers surrounding flow top texture sutures; LCT @ 40 TCA									
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		TLC 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
125.35	132.45	Feature 1	PED67419	125.35	126.25	0.90	0.01	0.005	-	-
		Type	PED67420	126.25	127.10	0.85	0.00	<0.005	-	-
		E0T Talc_rich_unit	PED67422	127.10	127.75	0.65	0.00	<0.005	-	-
		QLF: SHD FLT GS1	PED67423	127.75	128.20	0.45	0.02	0.021	-	-
		Faulted Talc; Dark Green; creamy talcose stringers w/ mod carb and silicification; mod-strong faulting @ 30 TCA w/ wk gouge; barren; LCT @ 25 TCA	PED67424	128.20	128.85	0.65	0.00	<0.005	-	-
			PED67425	128.85	129.50	0.65	0.01	0.010	-	-
			PED67426	129.50	130.05	0.55	0.00	<0.005	-	-
			PED67427	130.05	130.70	0.65	0.00	<0.005	-	-
			PED67429	130.70	131.70	1.00	0.00	<0.005	-	-
			PED67430	131.70	132.45	0.75	0.00	<0.005	-	-
		Alteration :								
		Type/Intensity/Texture								
		SIL 1 VND								
		CB 1 VND								
		TLC 3 PRV								
		Structure:								
		123.35 - 132.45								
		Alpha: 0								
		Beta: 0								
		Type/GEN/Intensity								
		SHD 3								
		CA1: 0								
		CA2: 0								
		FLT 3								
132.45	137.45	Feature 1	PED67431	132.45	133.30	0.85	0.00	<0.005	-	-
		Type	PED67432	133.30	134.20	0.90	0.00	<0.005	-	-
		E0T Talc_rich_unit	PED67433	134.20	134.90	0.70	0.00	<0.005	-	-
		QLF: GS0 FRA	PED67435	134.90	135.90	1.00	0.00	<0.005	-	-
		Talc; Dark Green; aphanitic; 2-3% qtz carb boudinaged qtz flooding; heavily fractured sub-// TCA; LCT gradational becoming shared at 35 TCA	PED67436	135.90	136.90	1.00	0.01	0.007	-	-
			PED67437	136.90	137.45	0.55	0.01	0.009	-	-
		Alteration :								
		Type/Intensity/Texture								
		TLC 2 PRV								



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From (m)	To (m)	Geology	Sample #	From	To	Length						
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
137.45	148.15	Feature 1	PED67438	137.45	138.50	1.05	0.00	<0.005	-	-		
		Type	PED67439	138.50	139.25	0.75	0.01	0.007	-	-		
		Dyke % Thickness Colour Vein	PED67440	139.25	139.85	0.60	0.01	0.006	-	-		
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67441	139.85	140.80	0.95	0.01	0.009	-	-		
		QLF: SHD FLT	PED67442	140.80	141.50	0.70	0.00	<0.005	-	-		
		Sheared/Faulted Talc; Dark Green; aphanitic; strong shearing/faulting @ 15 TCA; minor gouge; 15% Silica veining/replacement // to shearing; barren; LCT gradational as shearing dissipates downhole	PED67444	141.50	142.50	1.00	0.02	0.016	-	-		
		Alteration :	PED67445	142.50	143.35	0.85	0.00	<0.005	-	-		
		Type/Intensity/Texture	PED67446	143.35	143.80	0.45	0.00	<0.005	-	-		
		CB 2 VND	PED67447	143.80	144.45	0.65	0.00	<0.005	-	-		
		SIL 2 VND	PED67448	144.45	145.20	0.75	0.00	<0.005	-	-		
		TLC 3 PRV	PED67449	145.20	146.20	1.00	0.00	<0.005	-	-		
		Structure:	PED67450	146.20	147.15	0.95	0.00	<0.005	-	-		
		137.45 - 148.15 Alpha: 0 Beta: 0	PED67451	147.15	148.15	1.00	0.01	0.010	-	-		
		Type/GEN/Intensity CA1: CA2:										
		V2 3 0 0										
		FLT 3 0 0										
148.15	172.45	Feature 1	PED67452	148.15	149.00	0.85	0.09	0.093	-	-		
		Type	PED67453	149.00	150.00	1.00	0.06	0.063	-	-		
		Dyke % Thickness Colour Vein	PED67454	150.00	151.00	1.00	0.02	0.023	-	-		
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67455	151.00	151.60	0.60	0.05	0.051	-	-		
		QLF: FOL GS1 SHD	PED67456	151.60	152.40	0.80	0.03	0.032	-	-		
		Talc zone; Med-Dark Green; creamy talcose stringers; strong S1 fol @ 30 TCA grading to moderate shearing; 3-5% mm scale qtz carb veining predominantly // to S1; LCT sharp @ 40 TCA	PED67457	152.40	152.80	0.40	0.02	0.021	-	-		
		Alteration :	PED67459	152.80	153.50	0.70	0.03	0.032	-	-		
		Type/Intensity/Texture	PED67460	153.50	154.50	1.00	0.04	0.043	-	-		
		SIL 1 VND	PED67461	154.50	154.90	0.40	0.03	0.030	-	-		
		CB 2 VND										



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		TLC 2 PRV	PED67463	154.90	155.35	0.45	0.08	0.081	-	-	
			PED67464	155.35	155.65	0.30	0.06	0.063	-	-	
			PED67465	155.65	156.65	1.00	0.04	0.040	-	-	
			PED67466	156.65	157.65	1.00	0.03	0.032	-	-	
			PED67467	157.65	158.15	0.50	0.04	0.044	-	-	
			PED67468	158.15	159.00	0.85	0.04	0.035	-	-	
			PED67470	159.00	159.55	0.55	0.02	0.024	-	-	
			PED67471	159.55	160.55	1.00	0.01	0.008	-	-	
			PED67472	160.55	161.05	0.50	0.02	0.024	-	-	
			PED67474	161.05	161.65	0.60	0.02	0.016	-	-	
			PED67475	161.65	162.50	0.85	0.02	0.020	-	-	
			PED67476	162.50	163.55	1.05	0.01	0.014	-	-	
			PED67477	163.55	164.35	0.80	0.01	0.009	-	-	
			PED67478	164.35	165.20	0.85	0.01	0.011	-	-	
			PED67480	165.20	166.10	0.90	0.02	0.016	-	-	
			PED67481	166.10	166.70	0.60	0.01	0.013	-	-	
			PED67482	166.70	167.55	0.85	0.00	<0.005	-	-	
			PED67483	167.55	168.50	0.95	0.00	<0.005	-	-	
			PED67484	168.50	169.35	0.85	0.00	<0.005	-	-	
			PED67486	169.35	170.30	0.95	0.00	<0.005	-	-	
			PED67487	170.30	171.30	1.00	0.00	<0.005	-	-	
			PED67488	171.30	172.00	0.70	0.02	0.015	-	-	
			PED67489	172.00	172.45	0.45	3.80	3.800	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
172.45	186.00	Feature 1	PED67490	172.45	173.15	0.70	1.28	1.280	-	-	
		Type	PED67491	173.15	173.70	0.55	0.05	0.052	-	-	
		E1H High_titanium_basalt	PED67492	173.70	174.60	0.90	3.92	3.920	-	-	
		QLF: GS1 MAS	PED67494	174.60	175.20	0.60	0.03	0.034	-	-	
		Hi Ti; Dark Grey/Brown; Aphanitic-VFG; mostly massive; 2% mm scale Qtz/Qtz carb veinlets (see point data for measurements); 3-5% Po/Py mineralization & increase in Bio alteration proximal to veinlet boundaries; LCT @ 20 TCA	PED67495	175.20	176.10	0.90	0.54	0.537	-	-	
			PED67496	176.10	177.00	0.90	0.16	0.159	-	-	
			PED67497	177.00	177.60	0.60	1.67	1.670	-	-	
		Alteration :	PED67498	177.60	178.10	0.50	0.35	0.346	-	-	
		Type/Intensity/Texture	PED67499	178.10	178.90	0.80	0.01	0.013	-	-	
		AMP	PED67500	178.90	179.60	0.70	0.01	0.011	-	-	
		SIL	PED67501	179.60	180.25	0.65	0.00	<0.005	-	-	
		BIO	PED67502	180.25	180.70	0.45	0.03	0.030	-	-	
		Structure:	PED67503	180.70	181.35	0.65	0.13	0.133	-	-	
		173.70 - 174.60 Alpha: 0 Beta: 300	PED67504	181.35	181.80	0.45	0.01	0.006	-	-	
		Type/GEN/Intensity CA1: CA2:	PED67505	181.80	182.50	0.70	0.02	0.020	-	-	
		R5 0 0	PED67507	182.50	183.45	0.95	0.25	0.249	-	-	
		V2A 3 0 0	PED67508	183.45	184.20	0.75	0.02	0.017	-	-	
		185.50 - 186.00 Alpha: 0 Beta: 0	PED67509	184.20	185.10	0.90	0.11	0.105	-	-	
		Type/GEN/Intensity CA1: CA2:	PED67510	185.10	185.50	0.40	0.36	0.363	-	-	
		V2S 2 0 0	PED67511	185.50	186.00	0.50	1.76	1.760	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
		172.45 - 186.00 R5 GS1 5 DIS diam. Re in E1H; increasingly common									



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							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
186.00	195.45	Feature 1	PED67512	186.00	186.90	0.90	0.17	0.166	-	-
		Type	PED67513	186.90	187.60	0.70	0.15	0.151	-	-
		I3 Felsic_intrusive	PED67514	187.60	188.60	1.00	0.20	0.204	-	-
		QLF: GS1 FOL VND	PED67515	188.60	189.15	0.55	0.14	0.141	-	-
		Felsic Dyke; Light Grey/Pinkish; mod bio/chl; 3% smokey qtz vein 3-15 mm predominantly @ ~40/280 TCA; trace sulphides; LCT @ 65 TCA	PED67516	189.15	189.60	0.45	0.11	0.109	-	-
		Alteration :	PED67517	189.60	190.60	1.00	0.18	0.176	-	-
		Type/Intensity/Texture	PED67518	190.60	191.20	0.60	0.21	0.214	-	-
		AMP	PED67519	191.20	191.50	0.30	0.33	0.326	-	-
		BIO 1 PRV	PED67521	191.50	192.05	0.55	0.18	0.176	-	-
		CHL 2 PRV	PED67522	192.05	192.80	0.75	0.26	0.258	-	-
			PED67524	192.80	193.70	0.90	0.23	0.229	-	-
			PED67525	193.70	194.25	0.55	0.19	0.193	-	-
			PED67526	194.25	195.00	0.75	0.17	0.171	-	-
			PED67527	195.00	195.45	0.45	0.10	0.103	-	-
195.45	196.80	Feature 1	PED67528	195.45	195.90	0.45	0.02	0.016	-	-
		Type	PED67529	195.90	196.80	0.90	0.95	0.951	-	-
		E0B Komatiitic_basalt								
		QLF: SHD VND GS1								
		Sheared Basaltic Komatiite; med-dark green/med-dark grey; strong (50%) qtz carb/qtz actinolite veining // to Shearing @ 55 TCA; barren; LCT @ 55 TCA								
		Alteration :								
		Type/Intensity/Texture								
		CB 2 VND								
		SIL 2 VND								
		CHL 3 PRV								
		Structure:								
		195.45 - 196.80								
		Alpha: 0								
		Beta: 330								
		Type/GEN/Intensity								
		CA1: CA2:								



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- Detailed -

Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		0 0									
		SHD 2 0 0									
Feature 2:											
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		V3 Quartz_carbonate vein	□	50	0						
		<i>QLF:</i> SHD VND GS1									
196.80	204.60	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E1H High_titanium_basalt	□	0	0						
		<i>QLF:</i> GS1 FOL									
		Hi Ti Basalt; Dark Grey/Brown; Aphanitic-VFG: FG bio alteration assoc w background veining at various orientations; 3% smokey qtz actinolite background veining predominantly ~ 30 to 45 TCA assoc w/ 2-3 cm of ~7-10% Po mineralization halo adjacent to vein contacts; LCT Sheared @ 55/345 TCA									
		Alteration :		<i>Type/Intensity/Texture</i>							
			AMP								
			SIL								
			BIO								
		Mineralization Maj. :		<i>Type/GSZ%/HABIT</i>							
		196.80 -	PY GS1 1 BAN								
		204.60									
			Comment								
			2-3 cm of ~7-10% Po mineralization halo adjacent to background 1-3 cm smokey qtz actinolite vein contacts; mineralization assoc w/								



LITHOLOGY REPORT

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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	196.80 - 204.60	PO GS1 1.5 BAN									
		2-3 cm of ~7-10% Po mineralization halo adjacent to background 1-3 cm smokey qtz actinolite vein contacts; mineralization assoc w/									
204.60	205.45	Feature 1	PED67544	204.60	205.45	0.85	0.84	0.839	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">V2_BX Quartz_Vein_with_Fragments</p> <p style="margin-left: 20px;">QLF: BRX VND</p> <p style="margin-left: 20px;">Qtz Breccia Vein; Creamy white/translucent; minor fragments of adjacent host rock within vein showing strong actinolite alteration; barren to trace Po/Py; sheared contacts resemble iron formation lamination; LCT @ 20/305 TCA</p>									
		<p style="margin-left: 20px;">Dyke <input type="checkbox"/></p> <p style="margin-left: 20px;">% 0</p> <p style="margin-left: 20px;">Thickness 0</p> <p style="margin-left: 20px;">Colour </p> <p style="margin-left: 20px;">Vein </p>									
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">SIL</p> <p style="margin-left: 20px;">BIO</p>									
		<p>Structure:</p> <p style="margin-left: 20px;">204.60 - 205.45 Alpha: 0 Beta: 345</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">V2_BX 3 0 0</p>									
		<p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p style="margin-left: 20px;">204.60 - PY GS1 0.2 DIS barren to trace sulphides in V2_Bx</p> <p style="margin-left: 20px;">205.45</p> <p style="margin-left: 20px;">204.60 - PO GS1 0.2 DIS barren to trace sulphides in V2_Bx</p> <p style="margin-left: 20px;">205.45</p>									



LITHOLOGY REPORT

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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
205.45	207.60	Feature 1	PED67546	205.45	206.30	0.85	0.97	0.965	-	-																	
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	0	0			PED67547	206.30	206.80	0.50	3.29	3.290	-	-					
Type	Dyke	%	Thickness	Colour	Vein																						
E1H High_titanium_basalt	<input type="checkbox"/>	0	0																								
		<p>QLF: MIN GS1 VND</p> <p>Hi Ti; intermixed bands of laminated Iron Formation; Med-dark Green to Dark Brown; Aphanitic-VFG; Strong carb and actinolite presence in IF; E1H showing mod FG bio alteration assoc w/ mm-scale background qtz carb veinlets and adjacent 1-4 cm sulphide mineralization halos; LCT @ 60/005</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SIL 1 VND</td> <td></td> </tr> <tr> <td>CB 1 VND</td> <td></td> </tr> <tr> <td>BIO 2 PRV</td> <td></td> </tr> </table> <p>Mineralization Maj. :</p> <table border="0"> <tr> <td style="text-align: right;">Type/GSZ%/HABIT</td> <td></td> <td style="text-align: left;">Comment</td> </tr> <tr> <td>206.30 - 207.60 PY GS1 1 DIS</td> <td></td> <td>Intermixed Hi Ti and Iron Formation; Po/Py mineralization assoc w hairline-mm scale qtz carb veinlets</td> </tr> <tr> <td>206.30 - 207.60 PO GS1 2 SCT</td> <td></td> <td>Intermixed Hi Ti and Iron Formation; Po/Py mineralization assoc w hairline-mm scale qtz carb veinlets</td> </tr> </table>	Type/Intensity/Texture		SIL 1 VND		CB 1 VND		BIO 2 PRV		Type/GSZ%/HABIT		Comment	206.30 - 207.60 PY GS1 1 DIS		Intermixed Hi Ti and Iron Formation; Po/Py mineralization assoc w hairline-mm scale qtz carb veinlets	206.30 - 207.60 PO GS1 2 SCT		Intermixed Hi Ti and Iron Formation; Po/Py mineralization assoc w hairline-mm scale qtz carb veinlets	PED67548	206.80	207.60	0.80	4.37	4.370	-	-
Type/Intensity/Texture																											
SIL 1 VND																											
CB 1 VND																											
BIO 2 PRV																											
Type/GSZ%/HABIT		Comment																									
206.30 - 207.60 PY GS1 1 DIS		Intermixed Hi Ti and Iron Formation; Po/Py mineralization assoc w hairline-mm scale qtz carb veinlets																									
206.30 - 207.60 PO GS1 2 SCT		Intermixed Hi Ti and Iron Formation; Po/Py mineralization assoc w hairline-mm scale qtz carb veinlets																									
207.60	208.25	Feature 1	PED67549	207.60	208.25	0.65	1.13	1.130	-	-																	
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V2 Quartz_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">50</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V2 Quartz_vein	<input type="checkbox"/>	50	0															
Type	Dyke	%	Thickness	Colour	Vein																						
V2 Quartz_vein	<input type="checkbox"/>	50	0																								
		<p>QLF: MIN DEF VND</p> <p>Silica flooding/Sulphide replacement; Creamy grey silica veining/flooding with adjacent Po replacement; E1H protolith nearly destroyed; ~15% Po/Py disseminated at boundary of silica flooding; LCT @ 65/50 TCA</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SIL 3 PRV</td> <td></td> </tr> </table>	Type/Intensity/Texture		SIL 3 PRV																						
Type/Intensity/Texture																											
SIL 3 PRV																											



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Structure:											
207.60 - 208.25		Alpha: 0 Type/GEN/Intensity V2 R5 2	Beta: 50 CA1: CA2: 0 0 0 0								
Mineralization Maj. : Type/GSZ%/HABIT											
207.60 - 208.25		PY GS1 3 DIS	Comment Po replacement assoc w/ pervasive silica flooding; sulphide replacement strongest immediately adjacent to silica boundary								
207.60 - 208.25		PO GS1 12 DIS	Po replacement assoc w/ pervasive silica flooding; sulphide replacement strongest immediately adjacent to silica boundary								
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		R5 Sulphides	☐	50	0						
		QLF: MIN DEF VND									
208.25	208.55	Feature 1	PED67550	208.25	208.55	0.30	0.49	0.490	-	-	
		Type	Dyke	%	Thickness	Colour	Vein				
		C2 Iron_formation	☐	0	0						
		QLF: LAM BAN GS1									
Hi Ti/Iron Formation Mixture; Dark Green/Dark Brown; Aphanitic-VFG; laminated bands throughout consisten with Iron Formation; 5-10% carb veining // to bedding @ 45/030 TCA; 3-5% Po/Py throughout; LCT defined by qtz vein @ 30/130 TCA											
Alteration :											
		Type/Intensity/Texture									
		AMP									
		CB 2									



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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 2 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
		208.25 - 208.55 PY GS1 1 DIS									
		208.25 - 208.55 PO GS1 4 DIS									
		Comment									
		Dism sulphides within bands/laminae of Iron Formation; minor carb veining // to bedding									
		Dism sulphides within bands/laminae of Iron Formation; minor carb veining // to bedding									
208.55	208.90	Feature 1	PED67551	208.55	208.90	0.35	0.71	0.709	-	-	
		Type									
		V2 Quartz_vein									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
		QLF: VND GS0									
		Creamy Qtz vein; partially translucent; aphanitic; weak fragmental texture; trace Po in tension cracks extending inward from vein contacts; LCT @ 55/295									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									
		208.55 - 208.90 Alpha: 0									
		Beta: 0									
		Type/GEN/Intensity									
		V2 2									
		CA1: 0									
		CA2: 0									
		Mineralization Maj. : Type/GSZ%/HABIT									
		208.55 - 208.90 PO GS1 1 THD									
		Comment									
		Rare Po infilling tension cracks within creamy/translucent qtz vein extending inwards from vein contacts									



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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
208.90	210.40	Feature 1	PED67552	208.90	209.80	0.90	0.56	0.563	-	-	
		Type	PED67553	209.80	210.10	0.30	3.85	3.850	-	-	
		E1H High_titanium_basalt	PED67555	210.10	210.40	0.30	0.13	0.131	-	-	
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
		QLF: MIN VND GS0									
		Hi Ti Basalt; Dark Brown; Aphanitic-VFG: wk FG bio alteration assoc w background veining at various orientations (see point data); 5-7% Po/Py assoc w/ 2-3 cm of ~7-10% Po mineralization halo adjacent to vein contacts; **VG** 2x 2 mm flecks in 7 mm smokey qtz vein @ 20/225 TCA @ 209.9 m									
		Visible Gold :	SampleID/Grainsize/Style								
			PED67553								
		Alteration :	Type/Intensity/Texture								
			BIO 2 PRV								
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
	208.90 - 209.80		PY GS1 1	Dism sulphides assoc w/ hairline-mm scale qtz veinlets in E1H; mineralizaion halos commonly 1-3 cm							
	208.90 - 209.80		PO GS1 2 DIS	Dism sulphides assoc w/ hairline-mm scale qtz veinlets in E1H; mineralizaion halos commonly 1-3 cm							
	208.90 - 209.80		AS GS1 3 DIS	Dism sulphides assoc w/ hairline-mm scale qtz veinlets in E1H; mineralizaion halos commonly 1-3 cm							
	209.80 - 210.10		PY GS1 1 DIS	**VG** 2x 2 mm flecks hosted within 7 mm smokey qtz vein @ 20/220 TCA; adjacent alteration 5 cm alteration halo containing 7-8% Po/Py							
	209.80 - 210.10		PO GS1 3 DIS	**VG** 2x 2 mm flecks hosted within 7 mm smokey qtz vein @ 20/220 TCA; adjacent alteration 5 cm alteration halo containing 7-8% Po/Py							
	209.80 - 210.10		VG GS1 0.1 FLK	**VG** 2x 2 mm flecks hosted within 7 mm smokey qtz vein @ 20/220 TCA; adjacent alteration 5 cm alteration halo containing 7-8% Po/Py							



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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>			<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)		
	210.10 - 210.40	PY	GS1	1											
	210.10 - 210.40	PO	GS1	2 DIS											
	210.10 - 210.40	AS	GS1	3 DIS											
210.40	214.60	Feature 1			PED67556	210.40	211.35	0.95	0.11	0.106	-	-			
		Type	Dyke	%	Thickness	Colour	Vein								
		C2	Iron_formation	<input type="checkbox"/>	0	0		PED67557	211.35	212.20	0.85	0.29	0.291	-	-
		QLF: LAM BRX MIN			PED67558	212.20	212.90	0.70	0.85	0.853	-	-			
		Iron Formation; Banded Med-Dark green and dark brown; laminated bands of chl + silica and biotite rich aphanitic volcanic sediments; moderate brx texture dissipating with depth; 5-7% Po/Py assoc w/ bio-rich bands; Brx V2A from 213.75-214.6 increasing downhole to define contact @ 45/80			PED67560	212.90	213.75	0.85	1.72	1.720	-	-			
					PED67561	213.75	214.65	0.90	0.09	0.087	-	-			
		Alteration :													
		Type/Intensity/Texture													
		SIL 1 BAN													
		CHL 3 BAN													
		BIO 3 BAN													
		Structure:													
	213.75 - 214.65	Alpha: 0		Beta: 5											
		Type/GEN/Intensity		CA1:		CA2:									
		V2A 2		0		0									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
214.60	238.55	Feature 1	PED67563	214.65	215.30	0.65	0.02	0.022	-	-	
		Type	PED67564	215.30	216.20	0.90	0.01	0.006	-	-	
		E0T Talc_rich_unit	PED67565	216.20	217.20	1.00	0.00	<0.005	-	-	
		QLF:	PED67566	217.20	217.70	0.50	0.00	<0.005	-	-	
		Talc-Altered BK; med-dark green/bluish; creamy talcose stringers // to S1 predominantly @ 55/320 TCA; LCT sharp @ 65/80 TCA	PED67567	217.70	218.20	0.50	0.03	0.034	-	-	
		Alteration :	PED67568	218.20	218.55	0.35	0.05	0.051	-	-	
		Type/Intensity/Texture	PED67569	218.55	218.85	0.30	0.02	0.019	-	-	
		AMP	PED67570	218.85	219.85	1.00	0.00	<0.005	-	-	
		SIL	PED67571	219.85	220.75	0.90	0.00	<0.005	-	-	
		BIO	PED67572	220.75	221.25	0.50	0.00	<0.005	-	-	
		Structure:	PED67573	221.25	222.15	0.90	0.00	<0.005	-	-	
		217.70 - 218.85 Alpha: 0 Beta: 0	PED67574	222.15	223.10	0.95	0.00	<0.005	-	-	
		Type/GEN/Intensity	PED67575	223.10	223.90	0.80	0.00	<0.005	-	-	
		SHD 2 CA1: 0 CA2: 0	PED67576	223.90	224.40	0.50	0.00	<0.005	-	-	
			PED67577	224.40	225.25	0.85	0.00	<0.005	-	-	
238.55	241.70	Feature 1	PED67578	240.70	241.70	1.00	0.00	<0.005	-	-	
		Type									
		E0B Komatiitic_basalt									
		QLF: FTB FOL GS1									
		Ultramafic/BK; Dark Blue/Green; Aphanitic-VFG; Mod flow-top brx texture throughout w/ occasional cherty sutures; mod Talc alteration; S1 Fabric present @ 40/255 TCA; LCT defined by shear zone @ 65/345 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 1 PRV									



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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
241.70	244.75	Feature 1	PED67579	241.70	242.25	0.55	0.00	<0.005	-	-		
		Type	PED67580	242.25	242.85	0.60	0.00	<0.005	-	-		
		E0B Komatiitic_basalt	PED67581	242.85	243.85	1.00	0.00	<0.005	-	-		
		QLF: SHD BAN PLA	PED67582	243.85	244.75	0.90	0.00	<0.005	-	-		
		Sheared Ultramafic (BK); light-dark green; VFG; shear zone defining ultramafic/gabbro contact; LCT chilled/gradational @ 70/320 TCA										
		Alteration :										
		Type/Intensity/Texture										
		CB 2 BAN										
		CHL 2 PRV										
		TLC 2 PRV										
		Structure:										
		241.70 - 244.70 Alpha: 0 Beta: 350										
		Type/GEN/Intensity										
		V2 CA1: 0 CA2: 0										
		SHD 2 0 0										
244.75	259.70	Feature 1	PED67583	244.75	245.60	0.85	0.00	<0.005	-	-		
		Type	PED67585	245.60	246.60	1.00	0.00	<0.005	-	-		
		I1A Gabbro	PED67586	246.60	247.45	0.85	0.00	<0.005	-	-		
		QLF: PHE CHM CRX	PED67588	247.45	248.05	0.60	0.00	<0.005	-	-		
		Gabbro (could be Feldspar Porphyry) Dark Grey-Brown/Green; aphanitic to MG; strongly chilled contacts grading to 30% FG-MG Feldspar phenocrysts near centre of dyke; trace sulphides assoc w/ 1% background veining predominantly near centre of dyke; LCT @ 70 TCA										
		Alteration :										
		Type/Intensity/Texture										
		BIO 2 PRV										
		KFP 2 PRV										
			PED67592	250.55	251.55	1.00	0.00	<0.005	-	-		
			PED67593	251.55	252.55	1.00	0.00	<0.005	-	-		
			PED67594	252.55	253.45	0.90	0.00	<0.005	-	-		



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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED67595	253.45	254.45	1.00	0.00	<0.005	-	-	
			PED67597	254.45	255.35	0.90	0.00	<0.005	-	-	
			PED67598	255.35	256.35	1.00	0.00	<0.005	-	-	
			PED67599	256.35	257.35	1.00	0.00	<0.005	-	-	
			PED67600	257.35	258.35	1.00	0.00	<0.005	-	-	
			PED67601	258.35	259.05	0.70	0.00	<0.005	-	-	
			PED67602	259.05	259.70	0.65	0.00	<0.005	-	-	
259.70	263.40	Feature 1	PED67603	259.70	260.70	1.00	0.00	<0.005	-	-	
		<i>Type</i>	PED67604	260.70	261.25	0.55	0.00	<0.005	-	-	
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED67605	261.25	262.40	1.15	0.01	0.006	-	-	
		E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0	PED67606	262.40	263.40	1.00	0.00	<0.005	-	-	
		QLF: GS1 FOL ALT									
		Talc-Altered BK; Med-Dark Green; creamy talcose stringers; aphanitic-FG; mod-strong S1 fabric @ 45 TCA									
		Alteration : <i>Type/Intensity/Texture</i>									
		TLC 2 PRV									
263.40	267.35	Feature 1	PED67608	263.40	264.40	1.00	0.31	0.308	-	-	
		<i>Type</i>	PED67609	264.40	265.40	1.00	0.09	0.088	-	-	
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED67610	265.40	265.95	0.55	0.49	0.491	-	-	
		E0B <i>Komatiitic_basalt</i> <input type="checkbox"/> 0 0	PED67611	265.95	266.70	0.75	0.45	0.451	-	-	
		QLF: GS1 FOL	PED67612	266.70	267.35	0.65	0.01	0.014	-	-	
		Basaltic Komatiite; Med-Dark Green; Aphanitic-VFG; mod fol @ 65 TCA; 2% qtz carb stringers // to S1; LCT gradational back into E0T									
		Alteration : <i>Type/Intensity/Texture</i>									
		TLC 1 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length																
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)											
267.35	275.00	Feature 1	PED67613	267.35	268.00	0.65	0.00	<0.005	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T <i>Talc_rich_unit</i>	☐	0	0			PED67614	268.00	268.75	0.75	0.00	<0.005	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0T <i>Talc_rich_unit</i>	☐	0	0																			
		<p>QLF: FOL GS1 VND</p> <p>Talc-Altered BK; Med Green; creamy-grey talcose stringers; mod S1 fol @ TCA; LCT gradational // to s1</p>	PED67615	268.75	269.40	0.65	0.00	<0.005	-	-												
		<p>Alteration : Type/Intensity/Texture</p> <p>CB 2 VND</p>	PED67617	269.40	270.00	0.60	0.00	<0.005	-	-												
		<p>Structure:</p> <p>268.75 - 269.90 Alpha: 0 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">V1 2 0 0</p>	PED67618	270.00	271.00	1.00	0.00	<0.005	-	-												
			PED67619	271.00	271.85	0.85	0.01	0.011	-	-												
			PED67620	271.85	273.00	1.15	0.00	<0.005	-	-												
			PED67621	273.00	273.80	0.80	0.00	<0.005	-	-												
			PED67622	273.80	274.55	0.75	0.01	0.013	-	-												
			PED67623	274.55	275.00	0.45	0.02	0.019	-	-												
275.00	276.70	Feature 1	PED67624	275.00	276.00	1.00	0.17	0.173	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>E0B <i>Komatiitic_basalt</i></td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B <i>Komatiitic_basalt</i>	☐	0	0			PED67626	276.00	276.70	0.70	0.28	0.279	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B <i>Komatiitic_basalt</i>	☐	0	0																			
		<p>QLF: GS1 MAS</p> <p>BK; med green; VFG; mod carb throughout alteration; mostly massive; LCT @ 55 TCA</p>																				
		<p>Alteration : Type/Intensity/Texture</p> <p>CB 2 PRV</p>																				
276.70	278.05	Feature 1	PED67627	276.70	277.15	0.45	0.02	0.018	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein							PED67628	277.15	278.05	0.90	0.24	0.239	-	-
Type	Dyke	%	Thickness	Colour	Vein																	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 QLF: GS1 BRX FOL Hi Ti; Dark brown; aphanitic-VFG; mod fol @ 55 TCA; mod brx texture throughout; wk-mod bio alteration assoc w/ brx texture/veining; trace Po/Py; LCT @ 35 TCA Alteration : Type/Intensity/Texture CB 1 VND SIL 2 VND BIO 2 PRV Mineralization Maj. : Type/GSZ%/HABIT Comment 277.15 - 278.05 PY GS1 0.5 DIS trace sulphides assoc w brecciation in E1H 277.15 - 278.05 PO GS1 0.5 DIS trace sulphides assoc w brecciation in E1H									
278.05	278.75	Feature 1	PED67629	278.05	278.75	0.70	0.03	0.025	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 QLF: GS1 MAS BK; med green; VFG; mod carb throughout alteration; mostly massive; LCT @ 50 TCA Alteration : Type/Intensity/Texture CB 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
278.75	285.45	Feature 1	PED67630	278.75	279.55	0.80	0.02	0.019	-	-
		Type	PED67632	279.55	280.50	0.95	0.05	0.054	-	-
		I3 Felsic_intrusive	PED67633	280.50	281.15	0.65	0.32	0.320	-	-
		QLF: GS1 MAS	PED67634	281.15	282.00	0.85	0.02	0.018	-	-
		Felsic Dyke; Med grey; aphanitic; 3-5% mm-cm scale translucent and smokey qtz veinlets (see oriented data for measurements) showing trace-5% Po within veinlets; chl-alterations commonly proximal to veining; LCT @ 55/290	PED67635	282.00	282.90	0.90	0.03	0.025	-	-
		Alteration :	PED67636	282.90	283.85	0.95	0.07	0.065	-	-
		Type/Intensity/Texture	PED67638	283.85	284.40	0.55	0.06	0.055	-	-
		CHL 1 VND	PED67639	284.40	285.00	0.60	0.20	0.200	-	-
		SIL 1 VND	PED67640	285.00	285.45	0.45	0.13	0.131	-	-
285.45	295.75	Feature 1	PED67641	285.45	286.05	0.60	0.22	0.224	-	-
		Type	PED67642	286.05	287.00	0.95	0.59	0.588	-	-
		I1A Gabbro	PED67643	287.00	287.45	0.45	0.10	0.098	-	-
		QLF: MIN GS1 MAS	PED67644	287.45	287.80	0.35	0.71	0.705	-	-
		Gabbro; VF-FG; Dark Grey/Black-Green; 2-3% mm-scale qtz carb veining predominantly @ 45 tca; 8-10% Po evenly disseminated throughout interval; increase in sulphides from 293.9-294.6 m assoc w increase in veining	PED67646	287.80	288.70	0.90	0.31	0.309	-	-
		Mineralization Maj. :	PED67647	288.70	289.45	0.75	0.82	0.816	-	-
		Type/GSZ%/HABIT	PED67648	289.45	289.85	0.40	0.51	0.514	-	-
		285.45 - PY GS1 1 DIS	PED67649	289.85	290.55	0.70	0.27	0.271	-	-
		285.45 - PO GS1 7 DIS	PED67650	290.55	291.30	0.75	0.17	0.165	-	-
		293.90 - PY GS1 2 DIS	PED67651	291.30	292.10	0.80	0.15	0.151	-	-
		293.90 - PY GS1 2 DIS	PED67652	292.10	292.80	0.70	0.02	0.016	-	-
		293.90 - PY GS1 2 DIS	PED67653	292.80	293.10	0.30	0.04	0.036	-	-
		294.60 - PY GS1 2 DIS	PED67654	293.10	293.90	0.80	0.05	0.050	-	-
		Comment	PED67655	293.90	294.60	0.70	0.03	0.025	-	-
		Sulphides evenly disseminated throughout gabbro								
		Sulphides evenly disseminated throughout gabbro								
		Increase in dism sulphides within gabbro assoc w/ increase in background veining								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	293.90 - 294.60	PO	GS1	8	BAN	Increase in dism sulphides within gabbro assoc w/ increase in background veining	PED67657	294.60	295.00	0.40	0.01	0.013	-	-		
	294.60 - 295.75	PY	GS1	1	DIS	Sulphides evenly disminated throughout gabbro	PED67658	295.00	295.75	0.75	0.12	0.120	-	-		
	294.60 - 295.75	PO	GS1	6	DIS	Sulphides evenly disminated throughout gabbro										
295.75	310.70	Feature 1					PED67659	295.75	296.50	0.75	0.01	0.012	-	-		
		Type		Dyke	%	Thickness	Colour	Vein								
		I3	Felsic_intrusive	<input type="checkbox"/>	0	0			PED67660	296.50	297.50	1.00	0.01	0.011	-	-
		QLF:	GS0						PED67661	297.50	298.30	0.80	0.01	0.005	-	-
		Felsic Dyke; Med grey; aphanitic; 3-5% mm-cm scale translucent and smokey qtz veinlets (see oriented data for measurements) showing trace-5% Po within veinlets; chl-alterations commonly proximal to veining; LCT @ 55/290														
		Alteration :	Type/Intensity/Texture						PED67662	298.30	299.15	0.85	0.00	<0.005	-	-
			AMP						PED67663	299.15	299.90	0.75	0.01	0.013	-	-
			SIL						PED67664	299.90	300.75	0.85	0.01	0.010	-	-
			BIO						PED67665	300.75	301.45	0.70	0.02	0.024	-	-
									PED67667	301.45	302.15	0.70	0.01	0.009	-	-
									PED67668	302.15	303.00	0.85	0.00	<0.005	-	-
									PED67669	303.00	304.00	1.00	0.01	0.012	-	-
									PED67670	304.00	304.40	0.40	0.02	0.015	-	-
									PED67672	304.40	305.30	0.90	0.10	0.102	-	-
									PED67673	305.30	306.30	1.00	0.35	0.345	-	-
									PED67674	306.30	306.95	0.65	0.04	0.043	-	-
									PED67675	306.95	307.90	0.95	0.00	<0.005	-	-
									PED67676	307.90	308.60	0.70	0.20	0.203	-	-
									PED67677	308.60	309.40	0.80	0.09	0.085	-	-
									PED67678	309.40	309.90	0.50	0.00	<0.005	-	-
									PED67679	309.90	310.70	0.80	0.01	0.012	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)												
310.70	322.45	Feature 1	PED67680	310.70	311.20	0.50	0.04	0.040	-	-												
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	☐	0	0			PED67681	311.20	312.00	0.80	0.01	0.009	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0T Talc_rich_unit	☐	0	0																			
		<p>QLF: SHD BAN GS1</p> <p>Sheared Ultramafic/Talc Zone; mottled green/grey; creamy talcose alteration; mod sheared S1 Fabric @ 55 TCA; 5% carb/silicified veinlets // to S1; barren; LCT @ 50 TCA</p>	PED67682	312.00	312.70	0.70	0.00	<0.005	-	-												
		<p>Alteration :</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SIL 1 VND</td> <td></td> </tr> <tr> <td>CB 2 VND</td> <td></td> </tr> <tr> <td>TLC 2 PRV</td> <td></td> </tr> </table>	Type/Intensity/Texture		SIL 1 VND		CB 2 VND		TLC 2 PRV		PED67683	312.70	313.80	1.10	0.01	0.010	-	-				
Type/Intensity/Texture																						
SIL 1 VND																						
CB 2 VND																						
TLC 2 PRV																						
		<p>Structure:</p> <p>310.70 - 322.45 Alpha: 0 Beta: 0</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>SHD 3</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </table>	Type/GEN/Intensity	CA1:	CA2:	SHD 3	0	0	PED67684	313.80	314.75	0.95	0.00	<0.005	-	-						
Type/GEN/Intensity	CA1:	CA2:																				
SHD 3	0	0																				
			PED67685	314.75	315.40	0.65	0.01	0.011	-	-												
			PED67687	315.40	316.20	0.80	0.01	0.007	-	-												
			PED67688	316.20	317.20	1.00	0.01	0.011	-	-												
			PED67689	317.20	317.95	0.75	0.00	<0.005	-	-												
			PED67690	317.95	318.55	0.60	0.00	<0.005	-	-												
			PED67692	318.55	319.10	0.55	0.01	0.006	-	-												
			PED67693	319.10	320.05	0.95	0.00	<0.005	-	-												
			PED67694	320.05	321.00	0.95	0.00	<0.005	-	-												
			PED67695	321.00	321.80	0.80	0.00	<0.005	-	-												
			PED67696	321.80	322.45	0.65	0.01	0.007	-	-												
322.45	323.80	Feature 1	PED67698	322.45	323.15	0.70	0.01	0.012	-	-												
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	☐	0	0			PED67699	323.15	323.80	0.65	0.02	0.016	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
I1 Mafic_intrusive	☐	0	0																			
		<p>QLF: GS1 MAS</p> <p>Mafic Dyke; Dark Grey/Black; VFG; Massive; trace mm-scale qtz veining; LCT @ 45 TCA</p>																				
323.80	325.05	Feature 1	PED67700	323.80	324.55	0.75	0.02	0.020	-	-												
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	☐	0	0			PED67701	324.55	325.05	0.50	0.05	0.050	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0T Talc_rich_unit	☐	0	0																			



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																											
		<p>QLF: SHD BAN GS0</p> <p>Sheared Talc; Med-dark green; creamy talcose and carb stringers; mod shearing @ 55 TCA; 15-20% carb veining // to shearing; barren; LCT @ 50 TCA</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2"></td> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>TLC</td> <td>2</td> <td>BAN</td> <td></td> </tr> <tr> <td>SIL</td> <td>1</td> <td>VND</td> <td></td> </tr> <tr> <td>CB</td> <td>2</td> <td>VND</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>323.80 - 325.05</td> <td>Alpha: 0</td> <td>Beta: 0</td> <td></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>SHD 2</td> <td>0</td> <td>0</td> </tr> </table>			Type/Intensity/Texture		TLC	2	BAN		SIL	1	VND		CB	2	VND		323.80 - 325.05	Alpha: 0	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		SHD 2	0	0								
		Type/Intensity/Texture																																				
TLC	2	BAN																																				
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323.80 - 325.05	Alpha: 0	Beta: 0																																				
	Type/GEN/Intensity	CA1:	CA2:																																			
	SHD 2	0	0																																			
325.05	325.20	Feature 1	PED67702	325.05	325.20	0.15	0.03	0.030	-	-																												
		<table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>I1</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </table> <p>QLF: GS0 MAS</p> <p>Mafic Dyke; Dark Grey/Black; VFG; Massive; trace mm-scale qtz veining; LCT @ 45 TCA</p>	Type	Dyke	%	Thickness	Colour	Vein	I1	<input type="checkbox"/>	0	0																										
Type	Dyke	%	Thickness	Colour	Vein																																	
I1	<input type="checkbox"/>	0	0																																			
325.20	327.45	Feature 1	PED67703	325.20	325.70	0.50	0.03	0.033	-	-																												
		<table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0T</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </table> <p>QLF: FOL GS1 SHD</p> <p>Sheared Talc; Med-dark green; creamy talcose and carb stringers; wk shearing/mod fol @ 55 TCA; 15-20% carb veining // to shearing; barren; LCT @ 50 TCA</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T	<input type="checkbox"/>	0	0			PED67704	325.70	326.60	0.90	0.02	0.015	-	-																
Type	Dyke	%	Thickness	Colour	Vein																																	
E0T	<input type="checkbox"/>	0	0																																			
			PED67706	326.60	327.45	0.85	0.01	0.008	-	-																												



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- Detailed -

Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
		Alteration :	Type/Intensity/Texture									
			SIL 1 VND									
			CB 1 VND									
			TLC 2 BAN									
		Structure:										
		325.20 - 327.45	Alpha: 0		Beta: 0							
			Type/GEN/Intensity		CA1:		CA2:					
			SHD 2		0		0					
327.45	327.55	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I1	Mafic_intrusive	<input type="checkbox"/>	0	0						
		QLF:	GSO MAS									
		Mafic Dyke (could be lamp?); Black; aphanitic-VFG; Massive; trace mm-scale qtz veining; LCT @ 40 TCA										
327.55	331.05	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T	Talc_rich_unit	<input type="checkbox"/>	0	0						
		QLF:	SHD GS1 BAN									
		Sheared Talc Zone; Med-Dark Green; creamy talcose and carbonate stringers // to S1 @ 55 TCA; strongest shearing assoc w/ strongest veining; barren; LCT @ 55 TCA										
		Alteration :	Type/Intensity/Texture									
			AMP									



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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL TLC 2 PRV									
		Structure: 327.55 - 331.05 Alpha: 0 Beta: 0 Type/GEN/Intensity CA1: CA2: SHD 3 0 0									
331.05	344.00	Feature 1	PED67713	331.05	332.00	0.95	0.00	<0.005	-	-	
		Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0	PED67714	332.00	333.00	1.00	0.07	0.073	-	-	
		QLF: GS1 FOL Basaltic Komatiite; mod talc alteration; med-dark green; wk S1 fol @ 45 to 50 TCA									
		Alteration : Type/Intensity/Texture TLC 1 PRV									
344.00	359.80	Feature 1	PED67715	344.00	345.00	1.00	0.00	<0.005	-	-	
		Type Dyke % Thickness Colour Vein E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67716	345.00	345.65	0.65	0.00	<0.005	-	-	
		QLF: ALT SHD GS1 Talc zone; could be BK of PK; Dark Green-Blue; chaotic creamy talcose stringers; mod shearing w/ strong carb replacement from 351-352.2 m @ 20 TCA; locally gouged // to S1/Shearing; LCT gradational @ 55 TCA	PED67717	345.65	346.25	0.60	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture SIL 1 VND	PED67718	346.25	347.25	1.00	0.00	<0.005	-	-	
			PED67719	347.25	347.55	0.30	0.00	<0.005	-	-	
			PED67721	347.55	348.30	0.75	0.00	<0.005	-	-	
			PED67722	348.30	348.80	0.50	0.01	0.007	-	-	
			PED67723	348.80	349.40	0.60	0.01	0.008	-	-	
			PED67724	349.40	350.00	0.60	0.00	<0.005	-	-	



LITHOLOGY REPORT

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Hole Number **305-17-27**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		CB 2 VND	PED67725	350.00	351.00	1.00	0.00	<0.005	-	-	
		TLC 3 PRV	PED67726	351.00	351.50	0.50	0.01	0.008	-	-	
		Structure:	PED67727	351.50	352.20	0.70	0.01	0.006	-	-	
		347.25 - 347.50 Alpha: 0 Beta: 0	PED67729	352.20	353.10	0.90	0.00	<0.005	-	-	
		Type/GEN/Intensity CA1: CA2:	PED67730	353.10	353.80	0.70	0.06	0.064	-	-	
		V3 0 0	PED67731	353.80	354.55	0.75	0.06	0.057	-	-	
		SHD 2 0 0	PED67732	354.55	355.30	0.75	0.01	0.008	-	-	
		351.00 - 351.20 Alpha: 0 Beta: 0	PED67733	355.30	356.00	0.70	0.01	0.013	-	-	
		Type/GEN/Intensity CA1: CA2:	PED67734	356.00	357.00	1.00	0.04	0.041	-	-	
		V3 0 0	PED67735	357.00	358.00	1.00	0.00	<0.005	-	-	
		SHD 2 0 0	PED67736	358.00	359.00	1.00	0.00	<0.005	-	-	
			PED67737	359.00	359.80	0.80	0.01	0.007	-	-	
359.80	396.50	Feature 1	PED67738	359.80	360.80	1.00	0.00	<0.005	-	-	
		Type Dyke % Thickness Colour Vein	PED67739	391.30	392.30	1.00	0.01	0.009	-	-	
		EOT Talc_rich_unit <input type="checkbox"/> 0 0	PED67740	392.30	392.85	0.55	0.02	0.019	-	-	
		QLF: DEF GS1 SHD	PED67742	392.85	393.50	0.65	0.02	0.023	-	-	
		Talc-altered BK; Med-Dark green; creamy/grey talcose s& carb stringers; mod S1 fabric throughout @ 65	PED67743	393.50	394.35	0.85	0.02	0.015	-	-	
		TCA; localized shearing // to S1; LCT @ 55 TCA	PED67744	394.35	394.90	0.55	0.03	0.030	-	-	
			PED67746	394.90	395.80	0.90	0.02	0.024	-	-	
		Alteration : Type/Intensity/Texture	PED67747	395.80	396.50	0.70	0.05	0.046	-	-	
		SIL 1 VND									
		CB 1 VND									
		TLC 2 PRV									
		Structure:									
		392.30 - 396.50 Alpha: 0 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		V3 2 0 0									
		SHD 2 0 0									



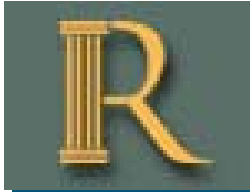
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-27

Project: PHOENIX

Project Number: 2

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
396.50	398.65	Feature 1	PED67748	396.50	397.40	0.90	0.09	0.093	-	-	
		Type	PED67749	397.40	398.15	0.75	2.41	2.410	-	-	
		Dyke % Thickness Colour Vein	PED67750	398.15	398.65	0.50	0.09	0.093	-	-	
		I1 Mafic_intrusive									
		QLF: MIN GS0 MAS									
		Mafic Dyke; Dark Grey/Black; Aphanitic-VFG; massive; 2% mm-scale qtz veins predominantly @ 35 TCA; 2-3% Po+Py throughout; proximal to veining; LCT @ 45 TCA									
		Alteration : Type/Intensity/Texture									
		AMP									
		SIL									
398.65	402.00	Feature 1	PED67751	398.65	399.50	0.85	0.01	0.011	-	-	
		Type	PED67752	399.50	400.30	0.80	0.03	0.025	-	-	
		Dyke % Thickness Colour Vein	PED67753	400.30	401.05	0.75	0.02	0.020	-	-	
		E0T Talc_rich_unit	PED67754	401.05	402.00	0.95	0.01	0.011	-	-	
		QLF: SHD GS1 BAN									
		Talc-altered BK; Med-Dark green; creamy/grey talcose & carb stringers; mod S1 fabric throughout @ 65 TCA; localized shearing // to S1; EOH @ 402 m									
		Alteration : Type/Intensity/Texture									
		SIL 1 VND									
		CB 1 VND									
		TLC 2 PRV									



DRILL HOLE REPORT

Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 39.86	Length: 0	Dimension: NQ	Township: Bateman	Logged by: W. Ahmad
Dip: -6.35	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 402	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 31-Jul-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 05-Aug-17				Surveyed: yes
Logged: 03-Sep-17				Surveyed by: Mark Cottrell
Comment: waleed Logged up to 343.59 m. samples up to PED 68741				Geophysics:

Coordinate - Gemcom

East: 10220.592
North: 50065.55
Elev.: 5067.315

Coordinate - UTM

East: 448370.19
North: 5663853.22
Elev.: 67.31
Zone: 15N **NAD:** NAD83

Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	39.86	-6.35	C	<input checked="" type="checkbox"/>	
15.00	36.97	-4.98	DeviSh ot	<input checked="" type="checkbox"/>	Suspect
102.00	43.22	-5.18	DeviSh ot	<input checked="" type="checkbox"/>	Suspect
150.00	37.10	-5.85	DeviSh ot	<input checked="" type="checkbox"/>	Suspect
204.00	39.73	-6.82	DeviSh ot	<input checked="" type="checkbox"/>	What is going on?
252.00	39.15	-7.25	DeviSh ot	<input checked="" type="checkbox"/>	
303.00	40.17	-7.93	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
354.00	40.90	-8.20	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	42.94	-8.79	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	0.50	Feature 1									
		Type									
		ZLC Lost_core	<input type="checkbox"/>	0		0					
		QLF: lost Core									
0.50	8.00	Feature 1									
		Type									
		E0T Talc_rich_unit	<input type="checkbox"/>	0		0					
		QLF: ALT FOL									
		Komatiitic Badalt.(Talc Rich Unit) fine grained, Talc, chlorite serpetine altered.qtz-carb weak alteration with 1 % qtz-catb veinlets. Fol @ 30-40 tca									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
		CHL 3 PRV									
		BIO 4 PRV									
		Structure:									
	6.32 - 6.32	Alpha: 40				Beta: 0					
		Type/GEN/Intensity				CA1: CA2:					
		FOL									



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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)																	
8.00	19.05	Feature 1	PED68423	15.00	16.00	1.00	0.01	0.006	-	-																		
		<table border="0"> <tr> <td style="text-align: center;"><i>Type</i></td> <td style="text-align: center;"><i>Dyke</i></td> <td style="text-align: center;"><i>%</i></td> <td style="text-align: center;"><i>Thickness</i></td> <td style="text-align: center;"><i>Colour</i></td> <td style="text-align: center;"><i>Vein</i></td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED68424	16.00	17.08	1.08	0.00	<0.005	-	-						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																							
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																									
		QLF: ALT FOL	PED68425	17.08	18.00	0.92	0.00	<0.005	-	-																		
		Komatiitic Basalt. Fine grained massive to weakly foliated. Chlorite, biotite altered. Chlorite rich and iotite rich bands create dark greenish and rownish bands.theupper contact is at 50 tca.	PED68426	18.00	19.05	1.05	0.01	0.012	-	-																		
		<p>Alteration :</p> <table border="0"> <tr> <td style="text-align: center;"><i>Type/Intensity/Texture</i></td> </tr> <tr> <td>AMP 2 PRV</td> </tr> <tr> <td>CHL 4 PRV</td> </tr> <tr> <td>BIO 4 PRV</td> </tr> </table>	<i>Type/Intensity/Texture</i>	AMP 2 PRV	CHL 4 PRV	BIO 4 PRV																						
<i>Type/Intensity/Texture</i>																												
AMP 2 PRV																												
CHL 4 PRV																												
BIO 4 PRV																												
		<p>Structure:</p> <table border="0"> <tr> <td>8.00 - 8.01</td> <td>Alpha: 50</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td><i>Type/GEN/Intensity</i></td> <td><i>CA1: CA2:</i></td> </tr> <tr> <td></td> <td>CS</td> <td></td> </tr> <tr> <td>17.08 - 17.08</td> <td>Alpha: 60</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td><i>Type/GEN/Intensity</i></td> <td><i>CA1: CA2:</i></td> </tr> <tr> <td></td> <td>FOL</td> <td></td> </tr> </table>	8.00 - 8.01	Alpha: 50	Beta: 0		<i>Type/GEN/Intensity</i>	<i>CA1: CA2:</i>		CS		17.08 - 17.08	Alpha: 60	Beta: 0		<i>Type/GEN/Intensity</i>	<i>CA1: CA2:</i>		FOL									
8.00 - 8.01	Alpha: 50	Beta: 0																										
	<i>Type/GEN/Intensity</i>	<i>CA1: CA2:</i>																										
	CS																											
17.08 - 17.08	Alpha: 60	Beta: 0																										
	<i>Type/GEN/Intensity</i>	<i>CA1: CA2:</i>																										
	FOL																											
19.05	19.65	Feature 1	PED68427	19.05	19.65	0.60	0.09	0.093	-	-																		
		<table border="0"> <tr> <td style="text-align: center;"><i>Type</i></td> <td style="text-align: center;"><i>Dyke</i></td> <td style="text-align: center;"><i>%</i></td> <td style="text-align: center;"><i>Thickness</i></td> <td style="text-align: center;"><i>Colour</i></td> <td style="text-align: center;"><i>Vein</i></td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GNL</td> <td></td> </tr> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GNL															
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																							
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GNL																								
		QLF: MAS ALT GS1																										
		Felsic Intrusive. (felsic Dyke).fine garined massive, silicified and chlorite biotite altered with fracture fill veinlets also containing actinolite and spots 3-5% . Dissiminated blebs of po/ py trace to 0.5%.upper and lower contacts sharp @ 15 tca and @35tca respectively. The fracture fill veinlet are 35 to 55 tca																										
		<p>Alteration :</p> <table border="0"> <tr> <td style="text-align: center;"><i>Type/Intensity/Texture</i></td> </tr> </table>	<i>Type/Intensity/Texture</i>																									
<i>Type/Intensity/Texture</i>																												



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 4 PRV BIO 3 FF									
		Structure: 19.05 - 19.05 Alpha: 15 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
19.65	21.34	Feature 1	PED68428	19.65	20.60	0.95	0.42	0.423	-	-	
		Type Dyke % Thickness Colour Vein E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED68429	20.60	21.34	0.74	0.02	0.016	-	-	
		QLF: ALT FOL komatiitic Basalt (Talc rich unit) Fine grained massive to weakly foliated. Chlorite, biotite altered. Chlorite rich and iotite rich bands create dark greenish and rownish bands.theupper contact is @35 tca and lowe @50 tca									
		Alteration : Type/Intensity/Texture TLC 3 PRV CHL 4 PRV BIO 4 PRV									
		Structure: 19.65 - 19.65 Alpha: 35 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
21.34	21.79	Feature 1	PED68431	21.34	21.79	0.45	0.10	0.096	-	-	



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Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		I3 Felsic_intrusive	☐	0	0										
		QLF: MAS ALT													
		Felsic Intrusive. (felsic Dyke).fine grained massive, silicified and chlorite biotite altered with fracture fill veinlets also containing actinolite spots patches 5-10% .													
		Alteration :													
		Type/Intensity/Texture													
		SIL 4 PRV													
		CHL 3 FF													
		Structure:													
	21.34 - 21.34	Alpha: 50		Beta: 0											
		Type/GEN/Intensity		CA1: CA2:											
		CD													
	21.60 - 21.60	Alpha: 35		Beta: 0											
		Type/GEN/Intensity		CA1: CA2:											
		FRA													
21.79	23.56	Feature 1					PED68432	21.79	22.56	0.77	0.00	<0.005	-	-	
		Type					PED68433	22.56	23.56	1.00	0.01	0.011	-	-	
		Dyke													
		☐													
		%													
		0													
		Thickness													
		0													
		Colour													
		Vein													
		E0T Talc_rich_unit													
		QLF: ALT													
		komatiitic Basalt Talc rich unit. Fine grained massive to weakly foliated. Chlorite, biotite altered. Chlorite rich and iotite rich													
		Alteration :													
		Type/Intensity/Texture													
		TLC 3 PRV													
		SER 3 PRV													
		BIO 4 PRV													



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Structure:										
	21.79 - 21.79	Alpha: 60 <i>Type/GEN/Intensity</i> CD										
		Beta: 0 <i>CA1: CA2:</i>										
23.56	24.75	Feature 1	PED68434	23.56	24.26	0.70	0.75	0.754	-	-		
		<i>Type</i>	PED68436	24.26	24.75	0.49	0.97	0.969	-	-		
		I3 Felsic_intrusive										
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>										
		□ 0 0										
		QLF: MAS GS1										
		Felsic Intrusive. (felsic Dyke).fine garined massive, silicified and chlorite biotite altered with fracture fill veinlets and bands. Dissiminated Po and py 0.5-2%. Upper contact at 30 tca and ;ower at 25 tca										
		Alteration :										
		<i>Type/Intensity/Texture</i>										
		AMP										
		SIL										
		BIO										
		Structure:										
	23.56 - 23.56	Alpha: 30 <i>Type/GEN/Intensity</i> CD										
		Beta: 0 <i>CA1: CA2:</i>										
24.75	31.25	Feature 1	PED68437	24.75	25.25	0.50	0.01	0.006	-	-		
		<i>Type</i>	PED68438	25.25	25.90	0.65	0.02	0.016	-	-		
		I1 Mafic_intrusive	PED68439	30.10	30.65	0.55	0.05	0.047	-	-		
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED68441	30.65	31.25	0.60	0.01	0.006	-	-		
		□ 60 0 BND										
		QLF: GS1 ALT										



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																																																																																																																																																																																																																								
<p>Mafic Intrusive(Mafic Dyke). Fine grained massive, locally fractured foliated. The dyke is strongly biotite rich altered and brownish green colored. The mafic dyke encloses xenoliths of komatiitic basalt from 26-27 m, 27.45-28.25m and 29.44-30m. The contacts between the mafic dyke and enclosed komatiitic basalt are sharp at 24.75 m @25 tca, 28.25 m @25 tca, at 29.44m @70 tca and at 31.25 m @55 tca</p>																																																																																																																																																																																																																																																			
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LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		CHL 3 PRV									
31.25	132.18	Feature 1	PED68442	31.25	32.00	0.75	0.00	<0.005	-	-	
		Type	PED68443	32.00	33.00	1.00	0.01	0.006	-	-	
		Dyke % Thickness Colour Vein	PED68444	33.00	34.00	1.00	0.00	<0.005	-	-	
		EOT Talc_rich_unit <input type="checkbox"/> 90 0	PED68445	81.00	82.00	1.00	0.00	<0.005	-	-	
		QLF: ALT FTB	PED68446	82.00	83.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt(Talc rich unit) Chlorite, tacl. carb and locally serpentine altered. Local flow top reccia structures31.25-36 m, where serpentine alteration in fracture fill is dominenet.Qtz- carbonate make farcture fill veinlet 2-3% 35-38 m. the core is badly broken between 39-51 m.The section56.10-58.70 m is relatively massive, greenish, and chlorite altered. No talc alteration and may be gabbroic unit. The contacts/ ends are clear sharp at 56.10@ 30 tca and at 57.70 m @45 tca. 10% of the unit.The section 75-93.70 m has got 5-7% qtz-carbonate veining along foliation25-45 tca. This section appears to have high magnetite alteration 2-3% and tend to have euhedral magnetite grains in the talc carbonate rich komatiite.The section93.70-99 m is chlorite rich komatiitic basalt, strongly foliated@ 30-35 tca.The section112-117 m contains 1-3% magnetite some being euhedral with octahedral habit.The content of qtz -car veing is vriable and ncrease and decrease locally as well the tac alteration and chlorite alteration intensity is variable moderate to strong.	PED68447	83.00	84.00	1.00	0.00	<0.005	-	-	
			PED68448	84.00	85.00	1.00	0.00	<0.005	-	-	
			PED68449	113.00	114.00	1.00	0.00	<0.005	-	-	
			PED68450	114.00	115.00	1.00	0.02	0.017	-	-	
			PED68451	115.00	116.00	1.00	0.00	<0.005	-	-	
			PED68452	116.00	117.00	1.00	0.02	0.017	-	-	
			PED68453	117.00	118.00	1.00	0.01	0.013	-	-	
			PED68454	118.00	119.00	1.00	0.01	0.007	-	-	
			PED68456	129.20	130.20	1.00	0.01	0.006	-	-	
			PED68457	130.20	131.20	1.00	0.04	0.040	-	-	
			PED68458	131.20	132.18	0.98	0.01	0.009	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CB 4 FF									
		SER 3 FF									
		TLC 3 PRV									
		Structure:									
31.25 - 31.25		Alpha: 55 Beta: 0									
		Type/GEN/Intensity									
		CD									
56.10 - 56.10		Alpha: 30 Beta: 0									
		Type/GEN/Intensity									
		CS									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	58.70 - 58.70	Alpha: 45 Type/GEN/Intensity CS									
	77.30 - 77.65	Alpha: 25 Type/GEN/Intensity V3									
	82.25 - 82.32	Alpha: 35 Type/GEN/Intensity V3									
	95.20 - 95.20	Alpha: 30 Type/GEN/Intensity FOL									
	95.35 - 95.35	Alpha: 35 Type/GEN/Intensity FOL									
	117.35 - 117.57	Alpha: 25 Type/GEN/Intensity V2A									
	126.35 - 126.40	Alpha: 25 Type/GEN/Intensity V3									
	131.65 - 131.77	Alpha: 35 Type/GEN/Intensity V2A									
	Mineralization Maj. :	Type/GSZ%/HABIT									
	80.00 - 93.70	MT GS1 3 DIS									
	113.00 - 118.00	MT GS1 3 DIS									
			Comment								
			magnetite rich qtz-carbonate bearing Komatiitic basalt.								
			magnetite rich band with qtz carb veining 1-2 % and euhedral grains of magnetite								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
132.18	140.68	Feature 1	PED68459	132.18	133.00	0.82	0.15	0.150	-	-
		Type	PED68461	133.00	134.00	1.00	0.19	0.185	-	-
		Dyke % Thickness Colour Vein	PED68462	134.00	135.00	1.00	0.08	0.080	-	-
		I3 Felsic_intrusive □ 0 0 BNM	PED68463	135.00	135.70	0.70	0.23	0.226	-	-
		QLF: MAS GS1 ALT	PED68464	135.70	136.41	0.71	0.06	0.056	-	-
		Felsic Intrusive(Felsic Dyke.0. Fine grained, light brownish to greenish white silicified and chlorite biotite altered with fracture fill veining few mm size to 10 mm size. Qtz- and qtz- actinolite veining is 3-5% 132.18-137 m from 1-2 cm thick quartz veining.sharp upper contact @45-60 tca. The quartz veins are 240-50 tca.dissiminated Po/Py 0.5-1%The section of felsic dyke 138-140.68 m is strongly silicified with alomost milky white spotted color 1-2 % greenish chlorite rich fractures.	PED68466	136.41	137.00	0.59	0.04	0.035	-	-
			PED68467	137.00	138.00	1.00	0.07	0.069	-	-
			PED68468	138.00	139.00	1.00	0.11	0.107	-	-
			PED68469	139.00	140.00	1.00	0.05	0.054	-	-
			PED68470	140.00	140.68	0.68	1.69	1.690	-	-
		Alteration :								
		Type/Intensity/Texture								
		SIL 4 PRV								
		CHL 3 FF								
		BIO 3 FF								
		Structure:								
	134.75 - 134.84	Alpha: 40 Beta: 0								
		Type/GEN/Intensity								
		V2								
	135.04 - 135.14	Alpha: 40 Beta: 0								
		Type/GEN/Intensity								
		V2								
	135.20 - 135.20	Alpha: 40 Beta: 0								
		Type/GEN/Intensity								
		FRA								
	135.39 - 135.43	Alpha: 50 Beta: 0								
		Type/GEN/Intensity								
		V2								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
140.68	144.43	Feature 1	PED68471	140.68	141.20	0.52	1.71	1.710	-	-
		Type	PED68472	141.20	141.70	0.50	0.91	0.912	-	-
		E1H High_titanium_basalt	PED68473	141.70	142.40	0.70	12.02	>10.000	12.02	-
		QLF: GSO MIN VND	PED68474	142.40	143.00	0.60	0.51	0.509	-	-
		High Titanium Basalt.fine grained , massive to banded, biotite, chlorite altered and silicified.The contact 50 cm is a mixed band of deformed alteredzone. Variably mineralized with po 2-7%, py and cpy 0.5-1% in patches dissiminated and layers.The average sulfides are 2-3%. The section 140-141.20 m is a fragmental mixed zone of komatiitic basalt 14 % in HiTi. The upper contact with felsic dyke is sharp @40 tca and lower contact sharp with komatiitic basalt 270 tca. The last part 144-144.43 m is more chlorite altered greenish and massive.	PED68476	143.00	143.50	0.50	5.76	5.760	-	-
			PED68477	143.50	144.00	0.50	2.48	2.480	-	-
			PED68478	144.00	144.43	0.43	1.26	1.260	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 3 PCH								
		SIL 4 PRV								
		BIO 4 PRV								
		Structure:								
		140.68 - 140.68 Alpha: 40								
		Beta: 0								
		Type/GEN/Intensity								
		CS								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		140.68 - 141.20 PO GS1 3 SPT								
		141.20 - 142.00 PY 0.5								
		141.20 - 142.00 CP GS1 0.5 DIS								
		141.20 - 142.00 PO GS1 7 SPT								
		142.00 - 144.43 PY GS1 0.5								
		142.00 - 144.43 PO GS1 3 DIS								
		Comment								
		brecciated band								
		patches and clusters of Po 5-7% in Hiti, with cpy and py0.5-2%								
		patches and clusters of Po 5-7% in Hiti, with cpy and py0.5-2%								
		patches and clusters of Po 5-7% in Hiti, with cpy and py0.5-2%								
		hiti with local concenatration of po and py/cpy in bands patches.								
		hiti with local concenatration of po and py/cpy in bands patches.								



LITHOLOGY REPORT

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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	☐	14	0	GNM					
		QLF: GSO MIN VND									
144.43	156.75	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	☐	0	0	GNM					
		QLF: ALT FOL BAN									
		Komatiitic Basalt (Talc Rich unit) Greenish grey, fine grained, banded, foliated 40-60 tca Variably Talc, chlorite, carbonate altered. Quartz Carbonate veining 2-5 % deformed and boudinaged 0.5-1 cm thick @30-60 tca. The lower contact is banded weakly gradational @80 tca. Qtz-carb fucshite vein 145.70-145.78 m@55 tca									
		Alteration :									
		Type/Intensity/Texture									
		CB 3 FF									
		TLC 4 PRV									
		CHL 4 PRV									
		Structure:									
	144.43 - 144.43	Alpha: 60	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		CS	60	70							
	145.70 - 145.78	Alpha: 55	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		V2A									
				PED68479	144.43	145.00	0.57	0.07	0.068	-	-
				PED68480	145.00	146.00	1.00	0.09	0.094	-	-
				PED68481	146.00	147.00	1.00	1.40	1.400	-	-
				PED68482	147.00	148.00	1.00	0.00	<0.005	-	-
				PED68483	148.00	149.00	1.00	0.01	0.008	-	-
				PED68484	149.00	150.00	1.00	0.02	0.015	-	-
				PED68486	150.00	151.00	1.00	0.00	<0.005	-	-
				PED68487	151.00	152.00	1.00	0.00	<0.005	-	-
				PED68488	152.00	153.00	1.00	0.00	<0.005	-	-
				PED68489	153.00	154.00	1.00	1.95	1.950	-	-
				PED68491	154.00	155.00	1.00	0.01	0.006	-	-
				PED68492	155.00	156.00	1.00	0.05	0.048	-	-
				PED68493	156.00	156.75	0.75	0.09	0.093	-	-



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
	146.18 - 146.25	Alpha: 40 Type/GEN/Intensity V2A									
	148.28 - 148.28	Alpha: 55 Type/GEN/Intensity FOL									
	149.50 - 149.51	Alpha: 30 Type/GEN/Intensity V3									
	149.53 - 149.55	Alpha: 30 Type/GEN/Intensity V3									
	153.24 - 153.25	Alpha: 55 Type/GEN/Intensity V3									
	154.23 - 154.25	Alpha: 80 Type/GEN/Intensity V2A									
	154.54 - 154.54	Alpha: 65 Type/GEN/Intensity V3									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
156.75	163.38	Feature 1	PED68494	156.75	157.30	0.55	0.11	0.108	-	-
		Type	PED68495	157.30	157.90	0.60	0.20	0.201	-	-
		E1H High_titanium_basalt	PED68496	157.90	158.40	0.50	0.26	0.257	-	-
		QLF: GS1 ALT MIN	PED68497	158.40	159.00	0.60	0.13	0.131	-	-
		High Titanium Basalt.greenish brown , fine grained,chlorite, biotite altered and silicified. Massive to weakly foliated. Po disseminated and in the qtz-carb veilet and veinlets of sulfides 3-7%. Some patches a have got clusters of fine grained Po 3-5% appearing spotty.the total sulfides are 5-10%. Scattered qtz-carb and calcite veinlets 2-3% 0.5-1 cm thick are present as fracture fill.	PED68498	159.00	159.60	0.60	0.02	0.019	-	-
			PED68499	159.60	160.00	0.40	0.05	0.049	-	-
			PED68500	160.00	160.50	0.50	0.35	0.350	-	-
			PED68501	160.50	161.00	0.50	0.77	0.771	-	-
			PED68502	161.00	161.50	0.50	0.30	0.304	-	-
			PED68503	161.50	162.00	0.50	0.78	0.776	-	-
			PED68504	162.00	162.60	0.60	2.10	2.100	-	-
			PED68506	162.60	163.38	0.78	0.69	0.686	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 3 PRV								
		SIL 4 PRV								
		BIO 4 PRV								
		Structure:								
	156.75 - 156.75	Alpha: 80 Type/GEN/Intensity CS	Beta: 0 CA1: CA2:							
	157.14 - 157.14	Alpha: 30 Type/GEN/Intensity V2S	Beta: 0 CA1: CA2:							
	157.25 - 157.25	Alpha: 50 Type/GEN/Intensity V5	Beta: 0 CA1: CA2:							
	157.53 - 157.54	Alpha: 55 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:							
	157.67 - 157.81	Alpha: 25 Type/GEN/Intensity V2S	Beta: 0 CA1: CA2:							



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	159.71 - 159.71	Alpha: 45 Type/GEN/Intensity V3									
	161.40 - 161.41	Alpha: 60 Type/GEN/Intensity V2S									
	162.12 - 162.20	Alpha: 45 Type/GEN/Intensity V2S									
		Mineralization Maj. : Type/GSZ%/HABIT									
	156.75 - 163.38	PO GS1 3 STR									
	156.75 - 163.38	PO GS1 3 SPT									
	156.75 - 163.38	PO GS1 3 DIS									
		Comment									
		fine grained altered Hiti with diss, spotty, and strngers of po 3-7%									
		fine grained altered Hiti with diss, spotty, and strngers of po 3-7%									
		fine grained altered Hiti with diss, spotty, and strngers of po 3-7%									
163.38	171.51	Feature 1									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		I3 Felsic_intrusive									
		QLF: ALT MAS									
		Felsic Intrusive(felsic Dyke). Light greyish brown , fine to medium grained massive biotite chlorite altered with spot and fracturefill appearance.pervassively silicified.qtz- carb veinlet 1-2 % chlorite biotite fractures 2-3% mm size.sharp upper contact and lower contact @55 tca and @70 tca. Disseminated Po/Py 0.5 %									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 SPT									
		SIL 4 PRV									
		BIO 3 SPT									
		Structure:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	163.38 - 163.38	Alpha: 55 Type/GEN/Intensity CS									
	168.30 - 168.31	Alpha: 35 Type/GEN/Intensity V2S									
	163.38 - 171.51	Mineralization Maj. : Type/GSZ%/HABIT PO GS1 0.5 DIS									
		Comment felsic Dyke									
171.51	182.20	Feature 1									
		Type									
		E0T Talc_rich_unit									
		QLF: ALT FOL									
		komatiitic Basalt(Talc Rich unit)greenish grey, fine grained, foliated banded. Variably talc, chlorite, biotite and serpentine altered. Qtz- carb veining scattered from 5-7% some deformed and boudinaged mm size to 1 cm thick.. Sharp upper and lower contact with felsic dyke and Hi Ti Basalt respectively. Pinkish carbonate/ fibrous shapped after amphibole?178.76-179.60 m 2-3 % 2-5mm in size present.									
		Alteration :									
		Type/Intensity/Texture									
		CB 3 PRV									
		CHL 3 PRV									
		TLC 4 PRV									
			PED68517	171.50	172.00	0.50	0.08	0.080	-	-	
			PED68518	172.00	173.00	1.00	0.00	<0.005	-	-	
			PED68519	173.00	174.00	1.00	0.00	<0.005	-	-	
			PED68521	174.00	175.02	1.02	0.01	0.006	-	-	
			PED68522	175.02	176.00	0.98	0.00	<0.005	-	-	
			PED68523	176.00	177.00	1.00	0.00	<0.005	-	-	
			PED68524	177.00	178.00	1.00	0.01	0.005	-	-	
			PED68525	178.00	179.00	1.00	0.05	0.046	-	-	
			PED68526	179.00	180.00	1.00	0.06	0.058	-	-	
			PED68527	180.00	181.00	1.00	0.02	0.018	-	-	
			PED68528	181.00	181.70	0.70	0.00	<0.005	-	-	
			PED68529	181.70	182.28	0.58	0.02	0.021	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)								
182.20	187.54	Feature 1	PED68531	182.28	183.00	0.72	0.01	0.005	-	-									
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: MAS ALT MIN</p> <p>High Titanium Basalt. Greenish brown, fine grained to aphanitic, massive with patches of chlorite and biotite alteration. Silicified. Sharp upper contact @75 tca and llowercontact with mixed zone Hi Ti 187.54 m @55-75 tca. Disseminate d Po 1-2%. Qtz -carb veinlets 1-2% 0.5-2 cm thick.</p> <p>Alteration :</p> <table> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SIL 4 PRV</td> <td></td> </tr> <tr> <td>CHL 4 PCH</td> <td></td> </tr> <tr> <td>BIO 4 PCH</td> <td></td> </tr> </table> <p>Structure:</p> <p>182.28 - 182.28 Alpha: 65 Beta: 155</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>CS</p> <p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>182.28 - 187.54 PO GS1 2 DIS fg massive Hiti.</p>	Type/Intensity/Texture		SIL 4 PRV		CHL 4 PCH		BIO 4 PCH		PED68532	183.00	183.54	0.54	0.05	0.049	-	-	
Type/Intensity/Texture																			
SIL 4 PRV																			
CHL 4 PCH																			
BIO 4 PCH																			
			PED68533	183.54	184.00	0.46	0.00	<0.005	-	-									
			PED68534	184.00	184.50	0.50	0.01	0.014	-	-									
			PED68536	184.50	185.00	0.50	0.04	0.035	-	-									
			PED68537	185.00	185.50	0.50	0.01	0.008	-	-									
			PED68538	185.50	186.00	0.50	0.02	0.019	-	-									
			PED68539	186.00	186.52	0.52	0.05	0.049	-	-									
			PED68540	186.52	187.00	0.48	0.04	0.041	-	-									
			PED68541	187.00	187.54	0.54	0.10	0.099	-	-									
187.54	189.50	Feature 1	PED68542	187.54	188.00	0.46	0.50	0.498	-	-									
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: BRK BAN MIN</p> <p>High Titanium Basalt(Mixed Zone) High Titanium basalt mixed banded brecciated, mineralized zone with bands of chlorite rich and biotrich bands with carbonate rich bands and randomly occuring sulfide/ pyrrhotite rich zone 2-3% Po. Qtz-carb and carb bands are 4-5% 2-3 cm thick.sharp upper and lower contacts with Hi Ti massive zone.Trace cpy/py present</p>	PED68543	188.00	188.50	0.50	8.17	8.170	-	-									
			PED68544	188.50	189.00	0.50	0.50	0.502	-	-									
			PED68546	189.00	189.50	0.50	0.06	0.060	-	-									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :									
		Type/Intensity/Texture									
		SIL 4 BAN									
		CHL 4 PCH									
		BIO 4 PCH									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		187.54 - PY GS1 0.5 DIS									
		189.50									
		187.54 - CP GS1 0.5 DIS									
		189.50									
		187.54 - PO GS1 3 SPT									
		189.50									
		Comment									
		HiTi mineralized basalt 2-3% Po. Trace Cp and py									
		HiTi mineralized basalt 2-3% Po. Trace Cp and py									
		HiTi mineralized basalt 2-3% Po. Trace Cp and py									
189.50	191.24	Feature 1									
		Type									
		E1H High_titanium_basalt									
		Dyke									
		<input type="checkbox"/>									
		%									
		0									
		Thickness									
		0									
		Colour									
		BND									
		Vein									
		QLF: GS1 MAS SPT									
		High Titanium Basalt(Garnet bearing zone) Dark brown, fine grained to aphanitic, 5-7% disseminated garnets 1-3 mm size, subhedral to anhedral grains, scattered in fine grained groundmass giving a spotty appearance.Trace-0.5% Po/ sulfides. Sharp upper and lower contacts @ 25 tca and @70 tca respetively.									
		Alteration :									
		Type/Intensity/Texture									
		SIL 4 PRV									
		BIO 4 PRV									
		GRN 4 SPT									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		189.50 - PO GS1 0.5 DIS									
		191.24									
		Comment									
		Garnet bearing HiTi Basalt(5-7% garnet)									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)												
191.24	192.20	Feature 1	PED68550	191.24	191.75	0.51	0.83	0.832	-	-												
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	0	0	GNM		PED68551	191.75	192.20	0.45	1.17	1.170	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	☐	0	0	GNM																		
		<p>QLF: ALT MIN DEF</p> <p>High Titanium Basalt(Mixed Zone) High Titanium basalt mixed banded brecciated, mineralized zone with bands of chlorite rich and biot rich bands with carbonate rich bands and randomly occurring sulfide/ pyrrhotite rich zone 1-2% Po. Qtz-carb, Qtz-Actino veins and carb bands are 2-3% Qtz vein are 1-4 cm thick.sharp upper contact @ 70 tca and lower contact with Komatiitic Basalt @60 tca massive zone.</p> <p>Alteration :</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>CB 4 BAN</td> </tr> <tr> <td>CHL 4 PCH</td> </tr> <tr> <td>BIO 4 PCH</td> </tr> </table>	Type/Intensity/Texture	CB 4 BAN	CHL 4 PCH	BIO 4 PCH																
Type/Intensity/Texture																						
CB 4 BAN																						
CHL 4 PCH																						
BIO 4 PCH																						
192.20	215.52	Feature 1	PED68552	192.20	192.70	0.50	0.44	0.436	-	-												
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0	GNM		PED68553	192.70	193.00	0.30	0.01	0.011	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	☐	0	0	GNM																		
		<p>QLF: ALT SPN DEFW</p> <p>Komatiitic Basalt.light greenish grey, fine to medium grained, strong to moderately foliated banded and veined. Chlorite, carbonate, talc altered. The qtz-carb veining in section192.20-200 m are 2-3% while 200-208 m are 7-10 % deformed boudinaged mm to 2 cm size.. Thr foliation is 40-55tca.The section 196.76-197.40 m has got spinifex texture. Qtz vein 192.82-192.92 m and qtz carb vein 201.35-201.201.50 m. The section 208-209 m has got 3-5% Q-c veinlet and is greenish strongly chloritized..The biotite alteration is very strong from 209-210.35 m The talc alteration also increases with qtz-carb veining from 209-215.52 m.</p> <p>Alteration :</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>BIO 3 PRV</td> </tr> <tr> <td>CB 4 FF</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </table>	Type/Intensity/Texture	BIO 3 PRV	CB 4 FF	CHL 3 PRV	PED68554	193.00	193.50	0.50	0.00	<0.005	-	-								
Type/Intensity/Texture																						
BIO 3 PRV																						
CB 4 FF																						
CHL 3 PRV																						
			PED68556	193.50	194.00	0.50	0.00	<0.005	-	-												
			PED68557	194.00	195.00	1.00	0.00	<0.005	-	-												
			PED68558	195.00	196.00	1.00	0.00	<0.005	-	-												
			PED68559	196.00	196.76	0.76	0.00	<0.005	-	-												
			PED68561	196.76	197.40	0.64	0.00	<0.005	-	-												
			PED68562	197.40	198.00	0.60	0.00	<0.005	-	-												
			PED68563	198.00	199.00	1.00	0.04	0.035	-	-												
			PED68564	199.00	200.00	1.00	0.03	0.025	-	-												
			PED68565	200.00	201.00	1.00	0.00	<0.005	-	-												



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Structure:					PED68566	201.00	202.00	1.00	0.01	0.014	-	-	
195.21	195.21	Alpha: 55	Beta: 0			PED68567	202.00	203.00	1.00	0.00	<0.005	-	-		
		Type/GEN/Intensity	CA1:	CA2:		PED68568	203.00	203.70	0.70	0.00	<0.005	-	-		
		FOL				PED68569	203.70	204.70	1.00	0.00	<0.005	-	-		
197.46	197.46	Alpha: 65	Beta: 0			PED68571	204.70	205.30	0.60	0.00	<0.005	-	-		
		Type/GEN/Intensity	CA1:	CA2:		PED68572	214.00	215.00	1.00	0.00	<0.005	-	-		
		FOL				PED68573	215.00	215.52	0.52	0.00	<0.005	-	-		
201.23	201.23	Alpha: 40	Beta: 0												
		Type/GEN/Intensity	CA1:	CA2:											
		FOL	40												
		V3													
201.50	201.50	Alpha: 40	Beta: 0												
		Type/GEN/Intensity	CA1:	CA2:											
		FOL													
201.77	201.77	Alpha: 55	Beta: 0												
		Type/GEN/Intensity	CA1:	CA2:											
		FOL													
215.52	219.30	Feature 1					PED68574	215.52	216.00	0.48	0.00	<0.005	-	-	
		Type	Dyke	%	Thickness	Colour	Vein								
		IOE Lamprophyre	<input type="checkbox"/>	0	0	GNL		PED68575	216.00	217.00	1.00	0.01	0.005	-	-
		QLF: GS0 MAS						PED68576	217.00	218.00	1.00	0.00	<0.005	-	-
		Lamprophyre. Fine grained massive, greenish to dark grey in color from 218.60-219.30 m patchy biotite altered and lower contact part 218.60-219.30 m silicified.. Sharp upper contact @65 tca and lower contact @35 tca. Few carb abd qtz carb stringers 1-2%. Trace to 0.5 % po/py asdiss and py in veinlets						PED68577	218.00	218.50	0.50	0.00	<0.005	-	-
								PED68578	218.50	219.30	0.80	0.00	<0.005	-	-
		Alteration :	Type/Intensity/Texture												
			CHL	3	PRV										



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 BAN BIO 3 PCH									
		Structure: 215.52 - 215.52 Alpha: 65 Beta: 70 Type/GEN/Intensity CA1: CA2: CS									
		Mineralization Maj. : Type/GSZ%/HABIT Comment 218.00 - PY GS1 0.5 FRA Lamp dyke altered silicified with diss and py 219.30 in q-c veinlets 218.00 - PO GS1 0.5 DIS Lamp dyke altered silicified with diss and py 219.30 in q-c veinlets									
219.30	231.25	Feature 1	PED68579	219.30	220.00	0.70	0.00	<0.005	-	-	
		Type	PED68581	220.00	221.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	PED68582	221.00	221.70	0.70	0.00	<0.005	-	-	
		QLF: ALT CST FOL	PED68583	221.70	222.27	0.57	0.01	0.012	-	-	
		Komatiitic Basalt.light greenish grey, fine to medium grained, strong to moderately foliated banded and veined. Chlorite, carbonate, talc altered.local chert sutures at 219.38 m and 220.08-220.11 m.The tal and Tal, chlorite and carbonate alteration is variable.qtz-calcite veini n 30-40% 221.80-222.25 m and 30 cm long 4-5 cm thick 40-50% 225-225.45 m and 225.90 to 226.15 m 15 cm long 20 %.The lower contact is moderately clear and sharo @65 tca with Lamprophyre dyke.	PED68584	222.27	223.00	0.73	0.00	<0.005	-	-	
			PED68586	223.00	224.00	1.00	0.00	<0.005	-	-	
			PED68587	224.00	225.00	1.00	0.00	<0.005	-	-	
			PED68588	225.00	225.50	0.50	0.00	<0.005	-	-	
			PED68589	225.50	226.00	0.50	0.00	<0.005	-	-	
			PED68591	226.00	226.57	0.57	0.00	<0.005	-	-	
			PED68592	230.25	231.25	1.00	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture CB 3 FF CHL 3 PRV TLC 3 PRV									
		Structure: 219.30 - 219.30 Alpha: 35 Beta: 0 Type/GEN/Intensity CA1: CA2: CS									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	222.08 - 222.27	Alpha: 50 Type/GEN/Intensity V3									
		Beta: 0 CA1: CA2:									
	225.20 - 225.45	Alpha: 20 Type/GEN/Intensity V1B									
		Beta: 0 CA1: CA2: 20 45									
	225.90 - 226.15	Alpha: 30 Type/GEN/Intensity V1B									
		Beta: 0 CA1: CA2:									
231.25	240.42	Feature 1									
		Type									
		Dyke % Thickness Colour Vein									
		IOE Lamprophyre <input type="checkbox"/> 0 0 GNL	PED68593	231.25	232.00	0.75	0.00	<0.005	-	-	
		QLF: GS1 MAS ALT	PED68594	232.00	233.00	1.00	0.00	<0.005	-	-	
		Lamprophyre. Light greenish, fine grained to aphanitic, massive, weakly biotite, chlorite altered. Po/py disseminated and fracture veinlets 0.5-2% 239-240.42 m. sharp upper contact @65 tca and lower contact @ 55 tca. Calcite fracture fill veinlets 1% local at 237.80-238 m	PED68595	233.00	234.00	1.00	0.00	<0.005	-	-	
		Alteration :	PED68596	234.00	235.00	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED68597	235.00	236.00	1.00	0.00	<0.005	-	-	
		CHL 3 PRV	PED68598	236.00	237.00	1.00	0.00	<0.005	-	-	
		BIO 3 PRV	PED68599	237.00	238.00	1.00	0.00	<0.005	-	-	
		Structure:	PED68600	238.00	239.00	1.00	0.00	<0.005	-	-	
	231.25 - 231.25	Alpha: 65 Type/GEN/Intensity CS	PED68601	239.00	240.00	1.00	0.00	<0.005	-	-	
		Beta: 0 CA1: CA2:	PED68602	240.00	240.42	0.42	0.00	<0.005	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT									
	239.00 -	PO GS1 1 FRA									
		Comment lamprophyre las band mineralized weakly									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	240.42										
	239.00 - 240.42	PO GS1 1 DIS with Po/ py diss and fracture veinlets 1-2% lamprophyre las band mineralized weakly with Po/ py diss and fracture veinlets 1-2%									
240.42	258.70	Feature 1	PED68603	240.42	241.00	0.58	0.00	<0.005	-	-	
		Type	PED68604	253.00	254.00	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED68606	254.00	255.00	1.00	0.01	0.007	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 75 0 GND	PED68607	255.00	256.00	1.00	0.01	0.009	-	-	
		QLF: ALT CST FOL	PED68608	256.00	257.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt.fine grained,foliated talc chlorite, carbonate altered. The unit is greenish grey masive from 240.42-244 m while the talc, carb , chl alteration increase toward 252 m. chert sutures 2-3% from 245-249 m 1-2 cm thick and along foliation30-45 tca. The section 254 to 258.70 m is Tal rich and qtz-carb vein rich with deformed veining 15-20% along foliation. The lower contact at 258.70 m is sharp@30tca	PED68609	257.00	258.00	1.00	0.00	<0.005	-	-	
			PED68611	258.00	258.70	0.70	0.01	0.007	-	-	
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									
		CB 3 PRV									
		CHL 4 PRV									
		Structure:									
	240.42 - 240.42	Alpha: 55 Type/GEN/Intensity CS									
	242.09 - 242.20	Alpha: 50 Type/GEN/Intensity CV									
	246.37 - 246.37	Alpha: 30 Type/GEN/Intensity FOL									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	247.75 - 247.90	Alpha: 20 Type/GEN/Intensity CV									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	25	0	GNL					
		QLF: ALT CST FOL									
		Alteration :									
		Type/Intensity/Texture									
		TLC 4 PRV									
		CB 4 FF									
258.70	264.80	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0	0						
		QLF: MAS ALT									
		Lamprophyre. Dark greenish grey, fine grained to aphanitic, massive, weakly biotite, chlorite altered. silicified with mm size white spotty appearance. partly mineralized in the central part 261-262 m with 2-5% Po/py. Sharp lower and upper contacts at 30tca and 80tca respectively.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PRV									
		CHL 3 PRV									
		SIL 4 PRV									
		Structure:									
	258.70 - 258.70	Alpha: 30 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	264.50 - 265.00	Alpha: 45 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2:									
		Mineralization Maj. : Type/GSZ%/HABIT									
	258.70 - 261.00	PO GS1 0.5 DIS									
	261.00 - 262.00	PY GS1 0.5 DIS									
	261.00 - 262.00	PO GS1 5 DIS									
	262.00 - 264.00	PO GS1 0.5 DIS									
		Comment									
		trace									
		lamp dyke with disseminated Po									
		lamp dyke with disseminated Po									
		lamprophyres									
264.80	267.60	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour									
		Vein									
		QLF: ALT FOL									
		Komatiitic Basalt.fine grained,foliated talc chlorite, carbonate altered. The foliation is 45-60 tca. Qtz- carb veining3-5%. Sharp upper contact with Lamp dyke @80 tca and sharp lower contact with Lamp dyke @80 tca at 267.60 m									
		Alteration :									
		Type/Intensity/Texture									
		CB 3 PRV									
		TLC 3 PRV									
		CHL 3 PRV									
		Structure:									
	264.80 - 264.80	Alpha: 80 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
267.60	268.47	Feature 1	PED68625	267.60	268.47	0.87	0.01	0.007	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">IOE Lamprophyre</p> <p style="margin-left: 20px;">QLF: MAS GS0 ALT</p> <p style="margin-left: 20px;">Lamprophyres.fine grained , massive , dark grey, with sharp upper and lower contacts @80tca and 40 tca respectively.Part near Lower contact weakly porphyritic. Biotite and silica altered.</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 3 PRV</p> <p style="margin-left: 20px;">Structure:</p> <p style="margin-left: 20px;">267.60 - 267.60 Alpha: 80 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CS</p>									
268.47	274.26	Feature 1	PED68626	268.47	269.50	1.03	0.01	0.007	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0B Komatiitic_basalt</p> <p style="margin-left: 20px;">QLF: ALT FOL</p> <p style="margin-left: 20px;">Komatiitic Basalt.fine grained,foliated talc chlorite, carbonate altered. The foliation is 45-60 tca. Qtz- carb veining3-5%. Section 270.25-270.50 m 1-3 cm thick veining 50 % @55-60 tca.Sharp upper contact with Lamp dyke @40 tca and mafic dyke at 274.26 m @45 tca</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 3 FF</p> <p style="margin-left: 40px;">TLC 3 PRV</p>	PED68627	269.50	270.00	0.50	0.01	0.009	-	-	
			PED68628	270.00	270.60	0.60	0.01	0.011	-	-	
			PED68629	270.60	271.60	1.00	0.01	0.007	-	-	
			PED68631	273.30	274.26	0.96	0.02	0.016	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	268.47 - 268.47	Alpha: 40 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
	270.32 - 270.37	Alpha: 55 Type/GEN/Intensity V2A									
		Beta: 0 CA1: CA2: 55 60									
274.26	277.10	Feature 1									
		Type									
		I1 Mafic_intrusive									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour BND									
		Vein									
		QLF: GS1 MAS ALT									
		Mafic Intrusive(Mafic Dyke)Dak grey brown, fine grained massive. Very strong biotite altered and strong chlorite altered creating green brown bands. The lower half is more chlorite altered while upper part is more biotite altered. Lower contact foliated @30 tca.Disseminated po/py 0.5-1% at 274.50 m									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 BAN									
		BIO 4 BAN									
		Structure:									
	274.26 - 274.26	Alpha: 40 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
		Mineralization Maj. : Type/GSZ%/HABIT									
	274.26 - 275.00	PO GS1 1 DIS									
		Comment mafic dyke									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	275.00 - 277.10	PO GS1 0.5 DIS mafic dyke									
277.10	287.70	Feature 1	PED68636	277.10	278.00	0.90	0.02	0.016	-	-	
		Type	PED68637	278.00	279.00	1.00	0.03	0.031	-	-	
		Dyke % Thickness Colour Vein	PED68638	279.00	280.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GND	PED68639	280.00	281.00	1.00	0.01	0.005	-	-	
		QLF: FOL ALT DEF	PED68641	281.00	282.00	1.00	0.01	0.007	-	-	
		komatiitic Basalt.greenish grey, foliated banded. Variably chlorite, biotite, talc, carbonate altered. Local qtz-carb veining2-3% 0.5-1 cm thick.local deformed veins with remamnant lensoid oval spots 0.5-1 cm thick283-283.50 m. foliation 35-55 tca	PED68642	282.00	283.00	1.00	0.01	0.006	-	-	
			PED68643	283.00	284.00	1.00	0.02	0.018	-	-	
		Alteration : Type/Intensity/Texture	PED68644	284.00	285.00	1.00	0.00	<0.005	-	-	
		CB 3 FF	PED68645	285.00	286.00	1.00	0.00	<0.005	-	-	
		CHL 3 PRV	PED68646	286.00	287.00	1.00	0.00	<0.005	-	-	
		BIO 3 PRV	PED68647	287.00	287.70	0.70	0.22	0.224	-	-	
		Structure:									
	277.10 - 277.10	Alpha: 30 Beta: 0 Type/GEN/Intensity CA1: CA2: CS									
	280.56 - 280.57	Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: V3									
	284.74 - 284.75	Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: V3									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
287.70	288.80	Feature 1	PED68648	287.70	288.30	0.60	3.33	3.330	-	-	
		Type	PED68649	288.30	288.80	0.50	0.09	0.089	-	-	
		E1H High_titanium_basalt									
		QLF: ALT BAN FOL									
		High Titanium Basalt. Composed of Dark brown massive banded from 287.70-288.25 m and maixed banded qtz-chl-biot rich bands to 288.80 m which may be altered Komatiitic basalt.Foliated banded @ 30 tca to 45 tca. 2-3% po in the upper biotite rich part.The upper and lower contact are gradational banded. @50 and 45 tca respectively.									
		Alteration :									
		Type/Intensity/Texture									
		CB 3 BAN									
		CHL 4 PRV									
		BIO 4 PRV									
		Structure:									
	287.70 - 287.70	Alpha: 50 Type/GEN/Intensity CU			Beta: 0					CA1:	CA2:
	287.87 - 287.87	Alpha: 40 Type/GEN/Intensity FOL			Beta: 0					CA1:	CA2:
	288.15 - 288.15	Alpha: 30 Type/GEN/Intensity BAN			Beta: 0					CA1:	CA2:
	288.50 - 288.50	Alpha: 45 Type/GEN/Intensity FOL			Beta: 0					CA1:	CA2:
	288.62 - 288.62	Alpha: 48 Type/GEN/Intensity FOL			Beta: 0					CA1:	CA2:



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	288.66 - 288.66	Alpha: 45 Type/GEN/Intensity FOL Beta: 0 CA1: CA2:									
	287.70 - 288.25	Mineralization Maj. : Type/GSZ%/HABIT PO GS1 3 DIS Comment Hiti with banded contact									
	288.25 - 288.80	PO GS1 0.2 DEF part of Hiti banded , may be altered Komatiitic basalt									
288.80	292.12	Feature 1	PED68650	288.80	289.48	0.68	0.04	0.035	-	-	
		Type	PED68651	289.48	290.00	0.52	0.01	0.008	-	-	
		E0B Komatiitic_basalt	PED68652	290.00	291.00	1.00	0.00	<0.005	-	-	
		QLF: ALT BAN FOL	PED68653	291.00	291.65	0.65	0.01	0.009	-	-	
		Komatiitic basalt.greenish grey , foliated, chlorite, talc, carbonate alteredand weakly silicified.banded in th upper and lower part in contact with HiTI basalt. The upper and lower contacts are at @45 tca and at 292.12 m @45 tca. The lower silicified part contains trace to 0.5% po	PED68654	291.65	292.12	0.47	0.06	0.061	-	-	
		Alteration :									
		Type/Intensity/Texture									
		BIO 3 PRV									
		SIL 3 BAN									
		CHL 4 PRV									
		Structure:									
	288.80 - 288.80	Alpha: 45 Type/GEN/Intensity CS Beta: 0 CA1: CA2:									
	288.91 - 288.91	Alpha: 55 Type/GEN/Intensity FOL Beta: 0 CA1: CA2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	289.37 - 289.37	Alpha: 40 Type/GEN/Intensity FOL									
	291.15 - 291.17	Alpha: 70 Type/GEN/Intensity V3									
	291.50 - 292.12	Mineralization Maj. : Type/GSZ%/HABIT PO GS1 0.5 DIS									
292.12	292.75	Feature 1	PED68656	292.12	292.75	0.63	0.04	0.035	-	-	
		Type									
		E1H High_titanium_basalt									
		QLF: FOL BAN VND									
		Hi Titanium Basalt.(banded silicified mixed zone) greenish grey, strongly silified , chlorite, biotite altered with repetitive whitish grey silicified banding veining along foliation @45- 35 tca. Poblebs disseminated and in fracture narrow veinlets 1-3%. The lower contact grades in to Hi Ti basalt.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 3 PRV									
		SIL 4 VND									
		CHL 4 PRV									
		Structure:									
	292.12 - 292.12	Alpha: 45 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	292.32 - 292.32	Alpha: 35 Type/GEN/Intensity BAN FOL									
	292.38 - 292.38	Alpha: 45 Type/GEN/Intensity BAN									
		Mineralization Maj. : Type/GSZ%/HABIT									
	292.12 - 292.75	PO GS1 3 STR									
	292.12 - 292.75	PO GS1 3 BLB									
		Comment									
		HiTI basaly mixed zone banded foliated with disseminated and vein Pyrrhotite 3-5%									
		HiTI basaly mixed zone banded foliated with disseminated and vein Pyrrhotite 3-5%									
292.75	294.80	Feature 1									
		Type									
		E1H High_titanium_basalt									
		QLF: MAS ALT MIN									
		Hi Titanium Basalt.light to dark greeish brown, fine grained. Biotite, chlorite altered , silicified. Local band 293-283.30 m has got a semi massive band of pyrrhotite 10 cm long 2-3 cm wide with 25-30 % po.semi massive sulfide contacts range from 20-40 tca. Contacts The unit generally contains disseminated Pyrrhotite 0.5-1%									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		SIL 4 PRV									
		BIO 4 PRV									
		Structure:									
	292.75 - 292.75	Alpha: 55 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	293.00 - 293.30	Alpha: 30 Beta: 0 Type/GEN/Intensity V5									
		CA1: CA2: 20 40									
		Mineralization Maj. : Type/GSZ%/HABIT									
	292.75 - 293.30	CP GS1 0.5									
	292.75 - 293.30	PO GS1 20 SMA									
	293.30 - 294.80	PO GS1 1 DEF									
		Comment									
		semi massive pyrrhotite rich band with 20-30% Po and 0.5-1% cpy									
		semi massive pyrrhotite rich band with 20-30% Po and 0.5-1% cpy									
		Hi Ti altered band trace-1 % po									
294.80	299.12	Feature 1									
		Type									
		E1H High_titanium_basalt									
		QLF: ALT MIN BAN									
		High Titanium Basalt.(mixed banded altered zone)fine to medium grained greenish grey to dark brown biotite chlorite altered silicified.disseminated pyrrhotite 1-2% with local richer bands 296.50-297 m 3-5%Po . The scetion has 297.40-298 m is quartz-actinolite vein with chlorite actinolite bands with in and arund with py/po 1-2%. Parts smoky and contacts marked by halo of chlorite-actinolite rims around.The V2A vein contacts are from 25-35 tca. The rest of the mixed zone is banded with repeated zone sof chlorite, biotite and carbonate/calcite 1-3 cm thick									
		Alteration :									
		Type/Intensity/Texture									
		BIO 3 BAN									
		CB 3 BAN									
		BIO 3 BAN									
		Structure:									
	294.80 - 294.80	Alpha: 55 Beta: 0 Type/GEN/Intensity CS									
		CA1: CA2:									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	296.27 - 296.27	Alpha: 50 Type/GEN/Intensity BAN									
	296.42 - 296.42	Alpha: 35 Type/GEN/Intensity BAN									
	296.58 - 296.58	Alpha: 40 Type/GEN/Intensity BAN									
	297.40 - 297.40	Alpha: 25 Type/GEN/Intensity V2A									
	297.68 - 297.68	Alpha: 35 Type/GEN/Intensity CV									
	297.83 - 297.83	Alpha: 25 Type/GEN/Intensity CV									
	298.12 - 298.14	Alpha: 65 Type/GEN/Intensity V1B									
		Mineralization Maj. : Type/GSZ%/HABIT									
	296.50 - 297.00	PY GS1 0.5 DIS									
	296.50 - 297.00	PO GS1 2 FRA									
	296.50 - 297.00	PO GS1 2 DIS									
		Comment									
		Hi T1 mixed zone with 2-5% Po diss and fracture fill blebby Po									
		Hi T1 mixed zone with 2-5% Po diss and fracture fill blebby Po									
		Hi T1 mixed zone with 2-5% Po diss and fracture fill blebby Po									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
299.12	310.45	Feature 1	PED68671	299.12	300.00	0.88	0.00	<0.005	-	-	
		Type	PED68672	300.00	300.60	0.60	0.01	0.008	-	-	
		E0B Komatiitic_basalt	PED68673	300.60	301.20	0.60	0.02	0.016	-	-	
		QLF: ALT FOL BAN	PED68674	301.20	301.75	0.55	0.01	0.009	-	-	
		Komatiitic Basalt. Greenish grey, fine to medium grained, foliated banded.chlorite, talc, carb altered. Local band 304-310.45 m is calcite, chlorite pervasively altered. Biotite alteration in this section is along fracture and bands. Fine graine disseminated py tr-0.5 % in the greenish calcite, chlorite matrix. The deformed Qtz-carb veinlets 3-5% local and massive Quartz-actinolite vein 301.75-302.20 m	PED68675	301.75	302.30	0.55	0.04	0.039	-	-	
			PED68676	302.30	303.00	0.70	0.00	<0.005	-	-	
			PED68677	303.00	304.00	1.00	0.02	0.023	-	-	
			PED68678	304.00	305.00	1.00	0.04	0.037	-	-	
		Alteration :	PED68679	305.00	306.00	1.00	0.01	0.005	-	-	
		Type/Intensity/Texture	PED68681	306.00	307.00	1.00	0.01	0.012	-	-	
		BIO 3 FF	PED68682	307.00	308.00	1.00	0.01	0.011	-	-	
		CHL 4 PRV	PED68683	308.00	309.00	1.00	0.01	0.010	-	-	
		CBC 4 PRV	PED68684	309.00	310.00	1.00	0.01	0.005	-	-	
		Structure:	PED68686	310.00	310.45	0.45	0.01	0.011	-	-	
		299.12 - 299.12 Alpha: 55 Beta: 0	PED68687	310.45	311.00	0.55	0.04	0.044	-	-	
310.45	314.50	Feature 1	PED68688	311.00	311.50	0.50	0.06	0.063	-	-	
		Type	PED68689	311.50	312.00	0.50	0.02	0.020	-	-	
		E1H High_titanium_basalt	PED68691	312.00	312.45	0.45	0.10	0.095	-	-	
		QLF: ALT BAN	PED68692	312.45	313.00	0.55	0.09	0.093	-	-	
		Hi Titanium Basalt(mixed banded zone) composed of repeated dark brown and greenish alteration bands of biotite and chlorite alteration foliated banded. Based on the mineralization and sulfide content it can edevided in to 3 bands	PED68693	313.00	313.50	0.50	0.02	0.022	-	-	
		310.45-312 m. (Trace to 0.5 % pyrrhotite)	PED68694	313.50	314.00	0.50	0.06	0.055	-	-	
		312-313 m. sulfides stringers , blebs, layers 7-8%PO ₂ -3% arsenopyrite fine grained patchy, 0.5-1% py/cpy. The bands are 45-50 tca.313-314.50 m banded 3-5% po. 1-2% Aspy.	PED68695	314.00	314.50	0.50	0.08	0.082	-	-	
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									
		CHL 4 PCH									
		BIO 4 PCH									



LITHOLOGY REPORT

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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)				
Structure:															
310.45 - 310.45		Alpha: 60 Type/GEN/Intensity CU	Beta: 0 CA1: CA2:												
Mineralization Maj. : Type/GSZ%/HABIT Comment															
310.45 - 312.00		PO GS1 0.5 DIS	banded mixed zone HiTi												
314.50	316.42	Feature 1	PED68696	314.50	315.10	0.60	0.11	0.105	-	-					
		Type	Dyke	%	Thickness	Colour	Vein	PED68697	315.10	315.80	0.70	0.17	0.169	-	-
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BNL		PED68698	315.80	316.15	0.35	2.20	2.200	-	-
		QLF: BRX VND MIN	PED68699	316.15	316.42	0.27	0.15	0.152	-	-					
<p>HiTitanium basalt.(banded qtz-carb veining rich with pyrrhotite and Arsenopyrite veining 5-8%). The unit is brecciated, banded, primarily biotite rich matrix and brecciated. The brown clasts are are filled by qtz-carb fracture fill veining making 40-45% of the interval. Sulfides are concentrated along the contacts of qtz and qtz-carb veining and brown fine grained clast.The narrow veining may be making 40-50% of the interval.The veins are randomly oriented 30-45 to 80 tca</p>															
Alteration : Type/Intensity/Texture															
CB 3 PCH															
SIL 4 FF															
BIO 4 PCH															
Mineralization Maj. : Type/GSZ%/HABIT Comment															
314.50 - 316.42		PY GS1 1 BLB	qtz-carb altered veined HiTi Basalt fractyred brecciated mneralized 5-7% sulfides Po, Aspy, cp and py.												
314.50 - 316.42		AS GS1 2 STR	qtz-carb altered veined HiTi Basalt fractyred brecciated mneralized 5-7% sulfides Po, Aspy, cp and py.												



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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	314.50 - 316.42	PO	GS1	5	BLB	qtz-carb altered veined HiTi Basalt fractyred brecciated mneralized 5-7% sulfides Po, Aspy, cp and py.									
316.42	326.45	Feature 1					PED68700	316.42	317.12	0.70	0.48	0.477	-	-	
		Type					PED68701	317.12	317.62	0.50	0.09	0.094	-	-	
		E1H	High_titanium_basalt	Dyke	%	Thickness	Colour	Vein	PED68702	317.62	318.50	0.88	0.01	0.009	-
				<input type="checkbox"/>	0	0	GND		PED68703	318.50	319.04	0.54	0.01	0.007	-
		QLF: MAS GS1 ALT					PED68704	319.04	320.00	0.96	0.02	0.017	-	-	
		High-Ti Basalt: Dark grey and dark greenish, massive fine grained. The upper part up to 317.12 m and partly up to 321m is more biotite altered dark gray and the lower part appear more chlorite alaterd greenish colored.sharp upper contac at @60 tc and lowe contact @35 tca.sparse Qtz- actinolite veining V2a and qtz-carb veining scattered 2-3 cm thick and from few 2-3 cm long to over 30 cm long.. Trace sulfides.					PED68706	320.00	321.00	1.00	0.01	0.011	-	-	
		Alteration :					PED68707	321.00	321.70	0.70	0.05	0.049	-	-	
			Type/Intensity/Texture			PED68708	321.70	322.05	0.35	0.08	0.083	-	-		
			CHL	3	PRV	PED68709	322.05	322.50	0.45	0.16	0.161	-	-		
			SIL	3	PRV	PED68711	322.50	323.40	0.90	0.03	0.025	-	-		
			BIO	4	BAN	PED68712	323.40	324.00	0.60	0.00	<0.005	-	-		
		Structure:					PED68713	324.00	325.00	1.00	0.02	0.016	-	-	
	316.42 - 316.42	Alpha:	45	Beta:	90	PED68714	325.00	325.85	0.85	0.01	0.009	-	-		
326.45	329.15	Feature 1					PED68715	325.85	326.45	0.60	0.08	0.080	-	-	
		Type					PED68716	326.45	327.00	0.55	0.05	0.047	-	-	
		E0B	Komatiitic_basalt	Dyke	%	Thickness	Colour	Vein	PED68717	327.00	328.00	1.00	0.02	0.020	-
				<input type="checkbox"/>	0	0	GNM		PED68718	328.00	328.60	0.60	0.00	<0.005	-
		QLF: FOL ALT					PED68719	328.60	329.15	0.55	0.03	0.032	-	-	
		Komatiitic basalt.chlorite, biotite and carb altered, patchy, foliated banded.no sig sulfides observed.													
		Alteration :													
			Type/Intensity/Texture												
			CB	2	FF										
			BIO	3	PCH										



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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
		BIO 3 PCH									
		Structure: 326.45 - 326.45 Alpha: 35 Beta: 205 Type/GEN/Intensity CA1: CA2: CS									
329.15	331.54	Feature 1	PED68721	329.15	330.00	0.85	0.36	0.360	-	-	
		Type Dyke % Thickness Colour Vein	PED68722	330.00	330.70	0.70	0.57	0.566	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 GND	PED68723	330.70	331.54	0.84	1.39	1.390	-	-	
		QLF: MAS GS1 high-ti basalt:. Dark grey brown, fine grained. Massive. Biotite , chlorite altered, sharp upper contact @35 tca and banded lower contact @65 tca. Disseminated Po 2-5% banding is at 30 to 45 tca									
		Alteration : Type/Intensity/Texture CHL 3 PCH SIL 4 BAN BIO 4 PRV									
		Structure: 329.15 - 329.15 Alpha: 35 Beta: 225 Type/GEN/Intensity CA1: CA2: CS									
		331.35 - 331.35 Alpha: 30 Beta: 230 Type/GEN/Intensity CA1: CA2: BAN									
		Mineralization Maj. : Type/GSZ%/HABIT Comment 329.15 - PO GS1 3 DIS mafic dyke with Po 2-5% disseminated 331.54 blebby.									



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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
331.54	337.18	Feature 1	PED68724	331.54	332.10	0.56	0.05	0.051	-	-	
		Type	PED68725	332.10	333.00	0.90	0.01	0.014	-	-	
		Dyke % Thickness Colour Vein	PED68726	333.00	334.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0	PED68727	334.00	335.00	1.00	0.01	0.012	-	-	
		QLF: ALT FOL BAN	PED68728	335.00	336.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt.greenish, banded foliated. Talc, chlorite, carb altered . The upper part 331-332 m is strongly silicified banded.lower contact @50 tac sharp with lamp dyke	PED68729	336.00	337.18	1.18	0.01	0.014	-	-	
		Alteration : Type/Intensity/Texture									
		CHL 4 PRV									
		SIL 3 BAN									
		TLC 3 PRV									
		Structure:									
		331.54 - 331.54 Alpha: 65 Beta: 210									
		Type/GEN/Intensity CA1: CA2:									
		CS									
337.18	346.45	Feature 1	PED68731	337.18	338.00	0.82	0.94	0.944	-	-	
		Type	PED68732	338.00	338.80	0.80	0.12	0.118	-	-	
		Dyke % Thickness Colour Vein	PED68733	338.80	339.50	0.70	0.07	0.066	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 BND	PED68734	339.50	340.00	0.50	0.05	0.051	-	-	
		QLF: MAS ALT	PED68736	340.00	341.00	1.00	0.00	<0.005	-	-	
		High-Ti Basalt (veined and mineralized): Greenish grey, fine grained massive. Chlorite biotite altered. Sharp upper and lower contact .qtz-carb vein338.82-341.42 m @40 tca and qtz-carb vein339.60-339.76 m @50 tca., while there is sulfides po/ py 2-3% disseminated and around narrow tabular 2-3% qtz-carb -act veinlets from 337.18-338.80 m.0.5 cm thick and @5-10 tca. And veinlets from 340-343.60 m 0.25 cm thick long tabular along length od the coe @ 10tca have 1-2% po. The lower part 242-243.60 m is pervassively calcite altered with 1-2% po/py	PED68737	341.00	342.00	1.00	0.03	0.029	-	-	
			PED68738	342.00	343.00	1.00	0.02	0.023	-	-	
			PED68739	343.00	343.59	0.59	0.10	0.101	-	-	
			PED68741	343.59	344.05	0.46	0.01	0.012	-	-	
		Alteration : Tvpe/Intensiv/Texture									



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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		CHL 3 PRV	PED68742	344.05	345.00	0.95	0.00	<0.005	-	-	
		CB 3 PRV	PED68743	345.00	346.00	1.00	0.92	0.923	-	-	
		BIO 4 PRV	PED68744	346.00	346.45	0.45	0.02	0.022	-	-	
Structure:											
337.18 - 337.18		Alpha: 50 <i>Type/GEN/Intensity</i> CS									
											Beta: 0 <i>CA1: CA2:</i>
337.20 - 338.30		Alpha: 10 <i>Type/GEN/Intensity</i> V2A									
											Beta: 0 <i>CA1: CA2:</i>
338.82 - 341.42		Alpha: 40 <i>Type/GEN/Intensity</i> CV									
											Beta: 155 <i>CA1: CA2:</i>
339.60 - 339.76		Alpha: 50 <i>Type/GEN/Intensity</i> V3									
											Beta: 150 <i>CA1: CA2:</i>
340.70 - 341.42		Alpha: 10 <i>Type/GEN/Intensity</i> V2A									
											Beta: 360 <i>CA1: CA2:</i>
342.00 - 342.24		Alpha: 15 <i>Type/GEN/Intensity</i> V3									
											Beta: 0 <i>CA1: CA2:</i>
Mineralization Maj. : Type/GSZ%/HABIT											
337.18 - 338.80		PO GS1 1 FRA									
											Comment qtz-cal veining 0.5 cm thick @ 5-10 tca along the length of the interval in lamp dyke
337.18 - 338.80		PO GS1 3 DIS									
											qtz-cal veining 0.5 cm thick @ 5-10 tca along the length of the interval in lamp dyke
342.00 - 343.59		PO GS1 2 DIS									



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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
346.45	350.50	Feature 1	PED68745	346.45	347.10	0.65	0.01	0.010	-	-	
		Type	PED68746	347.10	348.00	0.90	0.01	0.008	-	-	
		Dyke % Thickness Colour Vein	PED68747	348.00	349.20	1.20	0.05	0.050	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 99 0 GYM	PED68748	349.20	349.85	0.65	0.07	0.069	-	-	
		QLF: ALT MAS VND	PED68749	349.85	350.50	0.65	0.05	0.053	-	-	
		Komatiitic basalt: dark grey-green, fine grained, massive, strong prv chl+tlc; very strong prv chl proximal to downhole felsic dyke contact; talc diminishing downhole; silicified, no major fracturing, 1% boudinaged/deformed qtz-carb stringers and veinlets @ 15 - 65 tca, no significant mineralization, sharp contact dyke at 349.5m @ 70 tca									
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		TLC 3 PRV									
		CHL 3 PRV									
		Structure:									
		346.45 - 346.45 Alpha: 60 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CS 3									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	1	0	WHT	S				
		QLF: ALT MAS VND									



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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
350.50	364.25	Feature 1	PED68750	350.50	351.65	1.15	0.06	0.060	-	-
		Type	PED68751	351.65	352.80	1.15	0.07	0.067	-	-
		I3 Felsic_intrusive	PED68752	352.80	354.00	1.20	0.06	0.057	-	-
		QLF: ALT DEFS FOL	PED68754	354.00	355.10	1.10	0.07	0.067	-	-
		Felsic dyke: brownish-grey, fine to medium grained, massive to weakly foliated @30 - 40 tca, strong spotty chl; strong prv biotite (increasing in proximal to veining and downhole contact, strong prv sericite, minor fracturing (1-2/m) - slightly rough undulating/ planar @ 20 tca; chaotic microfracturing infilled with bio, 1-2% moderately deformed V2A threads stringers veinlets @ 14 - 40 tca, 1% disseminated sulphides, sharp contact at 364.25 m @ 65 tca with E0B	PED68755	355.10	356.00	0.90	0.16	0.158	-	-
			PED68756	356.00	357.00	1.00	0.09	0.089	-	-
			PED68757	357.00	358.00	1.00	0.39	0.389	-	-
			PED68758	358.00	359.25	1.25	0.08	0.076	-	-
			PED68759	359.25	360.00	0.75	0.06	0.062	-	-
			PED68760	360.00	361.30	1.30	0.11	0.114	-	-
			PED68762	361.30	362.40	1.10	0.12	0.117	-	-
			PED68763	362.40	363.30	0.90	0.08	0.075	-	-
			PED68764	363.30	364.25	0.95	0.09	0.090	-	-
		Alteration :								
		Type/Intensity/Texture								
		SER 3 PRV								
		BIO 3 PRV								
		CHL 3 SPT								
		Structure:								
		357.35 - 357.65								
		Alpha: 45								
		Beta: 0								
		Type/GEN/Intensity								
		V2A 3								
			CA1:							
			50							
			CA2:							
			40							
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		349.50 - 364.25								
		SU GS1 1 DIS								
		Feature 2:								
		Type								
		V2A Quartz_carb_actinolite_vein								
		Dyke								
		□								
		%								
		1								
		Thickness								
		0								
		Colour								
		GYM								
		Vein								
		□								
		QLF: ALT DEFS FOL								



LITHOLOGY REPORT

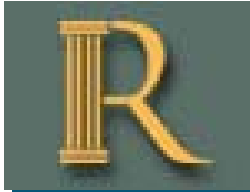
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Hole Number **305-17-28**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
364.25	402.00	Feature 1	PED68765	364.25	365.10	0.85	0.14	0.136	-	-
		Type	PED68766	365.10	366.00	0.90	0.48	0.480	-	-
		E0B Komatiitic_basalt	PED68767	366.00	366.90	0.90	0.06	0.057	-	-
		QLF: ALT DEF VND	PED68768	366.90	368.15	1.25	0.02	0.018	-	-
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia with possible local pillow selveges), moderate deformation throughout with folding/fracturing/foliation fabrics, strong prv chl; mod patchy talc;+ minor local serpentine infilling curvilinear fractures; silicified, veining consist of 3-4% irregular/ fragmented/boudinaged/ folded qtz-carb stringers and veinlets which are parallel to the local foliation/fracture orientation @ 25 to 65 tca, END OF HOLE	PED68769	368.15	369.00	0.85	0.01	0.014	-	-
			PED68771	369.00	370.05	1.05	0.03	0.031	-	-
			PED68772	370.05	371.10	1.05	0.09	0.085	-	-
			PED68773	371.10	372.00	0.90	0.04	0.041	-	-
			PED68774	372.00	372.95	0.95	0.04	0.037	-	-
			PED68775	372.95	374.15	1.20	0.01	0.009	-	-
			PED68776	374.15	375.10	0.95	0.00	<0.005	-	-
			PED68777	375.10	376.15	1.05	0.00	<0.005	-	-
		Alteration :								
		Type/Intensity/Texture								
		SIL 2 PRV								
		TLC 2 PCH								
		CHL 3 PRV								
		Structure:								
	364.25 - 365.25	Alpha: 65	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		CS 3								
	368.00 - 369.00	Alpha: 15	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		SHD	5 25							
	378.00 - 378.80	Alpha: 30	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		SHD								



DRILL HOLE REPORT

Hole Number **305-17-29**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 62.78	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysage
Dip: -32.39	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 300	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 05-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 05-Aug-17				Surveyed: yes
Logged: 26-Aug-17				Surveyed by: Mark Cottrell
Comment: Reflex is strange, wait for Gyro to plot				Geophysics:

Coordinate - Gemcom

Coordinate - UTM

East: 10223.512	East: 448369.84
North: 50062.132	North: 5663848.74
Elev.: 5065.793	Elev.: 65.79
	Zone: 15N NAD: NAD83

Geophysic Contractor:

Left in hole:

Making water: no

Multi shot survey: yes

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	62.78	-32.39	C	<input checked="" type="checkbox"/>	
0.10	62.78	-32.39	Gyro	<input checked="" type="checkbox"/>	
10.10	62.61	-32.50	Gyro	<input checked="" type="checkbox"/>	
15.00	62.26	-32.59	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
20.10	62.65	-32.59	Gyro	<input checked="" type="checkbox"/>	
30.10	62.59	-32.68	Gyro	<input checked="" type="checkbox"/>	
40.10	62.72	-32.61	Gyro	<input checked="" type="checkbox"/>	
50.10	62.68	-32.79	Gyro	<input checked="" type="checkbox"/>	
51.00	65.86	-33.05	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
60.10	62.69	-32.98	Gyro	<input checked="" type="checkbox"/>	
70.10	62.71	-33.13	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
80.10	62.63	-33.28	Gyro	<input checked="" type="checkbox"/>	
90.10	62.64	-33.53	Gyro	<input checked="" type="checkbox"/>	
100.10	62.70	-33.70	Gyro	<input checked="" type="checkbox"/>	
102.00	66.83	-33.94	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
110.10	62.80	-33.85	Gyro	<input checked="" type="checkbox"/>	
120.10	62.75	-33.91	Gyro	<input checked="" type="checkbox"/>	
130.10	62.35	-33.71	Gyro	<input checked="" type="checkbox"/>	
140.10	61.96	-33.86	Gyro	<input checked="" type="checkbox"/>	
150.10	61.58	-34.03	Gyro	<input checked="" type="checkbox"/>	
153.00	61.98	-34.17	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
160.10	61.42	-34.18	Gyro	<input checked="" type="checkbox"/>	



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Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	60.95	-34.40	Gyro	<input checked="" type="checkbox"/>	
180.10	60.74	-34.68	Gyro	<input checked="" type="checkbox"/>	
190.10	60.66	-34.70	Gyro	<input checked="" type="checkbox"/>	
200.10	60.56	-34.77	Gyro	<input checked="" type="checkbox"/>	
202.00	61.67	-34.91	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	60.54	-34.78	Gyro	<input checked="" type="checkbox"/>	
220.10	60.49	-34.85	Gyro	<input checked="" type="checkbox"/>	
230.10	60.58	-34.90	Gyro	<input checked="" type="checkbox"/>	
240.10	60.61	-34.97	Gyro	<input checked="" type="checkbox"/>	
250.10	60.65	-34.94	Gyro	<input checked="" type="checkbox"/>	
255.00	66.82	-35.19	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	60.66	-35.08	Gyro	<input checked="" type="checkbox"/>	
270.10	60.62	-35.23	Gyro	<input checked="" type="checkbox"/>	
280.10	60.69	-35.29	Gyro	<input checked="" type="checkbox"/>	
290.10	60.68	-35.40	Gyro	<input checked="" type="checkbox"/>	
300.00	60.26	-35.77	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
0.00	7.10	Feature 1								
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FOL RCX</p> <p>Serpentinized UM: black to dark brown, fine grained, massive to foliated @ 40 - 50 tca, most original fabric overprinted by biotite alteration, no significant mineralization, grading into less altered EOB</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AC 3 PRV</p> <p style="margin-left: 40px;">SRP 3 PRV</p> <p style="margin-left: 40px;">BIO 4 PRV</p>								
		<p>Dyke <input type="checkbox"/></p> <p>% 0</p> <p>Thickness 0</p> <p>Colour BND</p> <p>Vein</p>								
7.10	19.65	Feature 1								
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT SHD FTB</p> <p>komatiitic basalt: dark grey- dark green, fine grained, massive - flowtop breccia - sheared fabric, strong prv talc alt with silicified patches; prv bi+chl+act, local strong shear zones @ 5 -25 tca; smooth planar to slightly rough fracture surfaces with sulphides blebed on smooth surfaces (4-5/m 30-60 tca), 1% strongly deformed/overprinted/boudinaged/ folded qtz-carb and qtz-carb-act stringers and veinlets, <1% disseminated and blebed Py-Po, sheared dyke contact at 19.55 m @ 10tca with mafic intrusive</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AC 3 PRV</p> <p style="margin-left: 40px;">SIL 2 PCH</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p>Structure:</p>								
		<p>Dyke <input type="checkbox"/></p> <p>% 99</p> <p>Thickness 0</p> <p>Colour GYD</p> <p>Vein</p>	PED41984	9.00	10.00	1.00	0.00	<0.005	-	-
			PED41986	10.00	11.00	1.00	0.00	<0.005	-	-
			PED41987	11.00	12.00	1.00	0.00	<0.005	-	-
			PED41988	12.00	13.00	1.00	0.03	0.025	-	-
			PED41989	13.00	14.00	1.00	0.00	<0.005	-	-
			PED41990	14.00	15.00	1.00	0.00	<0.005	-	-
			PED41991	15.00	16.00	1.00	0.01	0.013	-	-
			PED41992	16.00	17.00	1.00	0.01	0.013	-	-
			PED41994	17.00	18.00	1.00	0.01	0.007	-	-
			PED41995	18.00	19.00	1.00	0.01	0.010	-	-
			PED41996	19.00	19.60	0.60	0.01	0.007	-	-



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	9.00 - 9.40	Alpha: 0 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 0 0									
	13.70 - 19.64	Alpha: 0 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 0 0									
	Mineralization Maj. : Type/GSZ%/HABIT										
	0.00 - 19.55	SU GS1 1 BLB									
		Comment <1% disseminated and blebed Py-Po on fracture and shear surfaces									
	Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein				
	V3	Quartz_carbonate vein	<input type="checkbox"/>	1	0	WHT					
	QLF: ALT SHD FTB										
	Alteration :		Type/Intensity/Texture								
		AC 1 VND									
19.65	20.55	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	I1	Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK					
	QLF: ALT MAS GS1										
	mafic dyke: black, fine grained, prv bi alt, no fractures, no veining, chilled downhole contact at 20.55 m @ ~45 tca										
	Alteration :		Type/Intensity/Texture								
		AMP BIO 4 PRV									
	Structure:										



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	19.65 - 19.66	Alpha: 0 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2: 0 0									
20.55	41.05	Feature 1	PED41998	20.55	21.55	1.00	0.00	<0.005	-	-	
		Type	PED42000	24.00	25.00	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED69001	25.00	26.00	1.00	0.01	0.009	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 98 0 GYD	PED69002	26.00	27.00	1.00	0.04	0.039	-	-	
		QLF: ALT SHD FTB	PED69003	27.00	28.00	1.00	0.01	0.009	-	-	
		komatiitic basalt: dark grey- dark green, fine grained, massive - flowtop breccia - sheared fabric, strong prv talc alt with silicified patches; prv bi+chl+act,local strong shear zones @ 5 -25 tca; smooth planar to slightly rough fracture surfaces with sulphides blebed on smooth surfaces (4-5/m 30-60 tca), 2% strongly deformed/overprinted/boudinaged/ folded qtz-carb and qtz-carb-act stringers and veinlets, <1% disseminated and blebed Py-Po, chilled dyke contact at 41.05 m @ 20 tca with mafic intrusive	PED69004	28.00	29.00	1.00	0.01	0.006	-	-	
			PED69006	29.00	30.00	1.00	0.01	0.007	-	-	
			PED69007	30.00	31.00	1.00	0.00	<0.005	-	-	
			PED69008	31.00	32.00	1.00	0.00	<0.005	-	-	
			PED69009	32.00	33.00	1.00	0.00	<0.005	-	-	
			PED69010	40.00	41.00	1.00	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture									
		AC 3 PRV									
		SIL 2 PCH									
		TLC 3 PRV									
		Structure:									
	20.55 - 20.58	Alpha: 0 Type/GEN/Intensity CC 3									
		Beta: 0 CA1: CA2: 0 0									
	24.30 - 24.70	Alpha: 0 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 0 0									
	26.40 - 27.20	Alpha: 0 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 0 0									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	37.30 - 37.55	Alpha: 0 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 0 0									
	20.55 - 41.05	Mineralization Maj. : Type/GSZ%/HABIT SU GS1 1 DIS									
		Comment <1% disseminated and fracture surface blebs Py-Po									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	☐	2	0	WHT	S				
		QLF: ALT SHD FTB									
		Alteration : Type/Intensity/Texture AC 1 VND									
41.05	41.20	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	☐	0	0	BLK					
		QLF: ALT MAS CHM									
		mafic dyke: black, fine grained, prv bi alt, no fractures, no veining, chilled downhole contact at 41.20 m @30 tca									
		Alteration : Type/Intensity/Texture AMP 3 PRV BIO 4 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
41.20	65.50	Feature 1	PED69011	41.00	42.00	1.00	0.00	<0.005	-	-
		Type	PED69012	42.00	43.00	1.00	0.01	0.007	-	-
		E0B Komatiitic_basalt	PED69014	43.00	44.00	1.00	0.00	<0.005	-	-
		QLF: ALT SHD FTB	PED69015	46.00	47.00	1.00	0.00	<0.005	-	-
		komatiitic basalt: dark grey- dark green, fine grained, massive - flowtop breccia - sheared fabric, strong prv talc alt with silicified patches; prv bi+chl+act,local strong shear zones @ 5 -25 tca; smooth planar to slightly rough fracture surfaces with sulphides blebed on smooth surfaces (4-5/m 30-60 tca), 2% strongly deformed/overprinted/boudinaged/ folded qtz-carb and qtz-carb-act stringers and veinlets, <1% disseminated and blebed Py-Po, gradational contact at 65.5 m @ 20 tca with serpentinite	PED69016	47.00	48.00	1.00	0.00	<0.005	-	-
			PED69017	50.00	51.00	1.00	0.00	<0.005	-	-
			PED69018	51.00	52.00	1.00	0.00	<0.005	-	-
			PED69020	59.00	60.00	1.00	0.00	<0.005	-	-
			PED69021	60.00	61.00	1.00	0.05	0.046	-	-
			PED69022	61.00	62.00	1.00	0.01	0.007	-	-
		Alteration :								
		Type/Intensity/Texture								
		AC 3 PCH								
		SIL 3 PCH								
		TLC 3 PCH								
		Structure:								
	41.20 - 41.22	Alpha: 0								
		Type/GEN/Intensity	Beta: 0							
		CC 3	CA1: CA2:							
			0 0							
	44.50 - 45.00	Alpha: 0								
		Type/GEN/Intensity	Beta: 0							
		SHD	CA1: CA2:							
			0 0							
	51.10 - 51.50	Alpha: 0								
		Type/GEN/Intensity	Beta: 0							
		SHD 3	CA1: CA2:							
			0 0							
	62.00 - 62.10	Alpha: 0								
		Type/GEN/Intensity	Beta: 0							
		SHD 3	CA1: CA2:							
			0 0							
		Feature 2:								
		Type	Dyke	%	Thickness	Colour	Vein			



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		V3 Quartz_carbonate vein QLF: ALT SHD FTB Alteration : Type/Intensity/Texture AC 2 VND									
65.50	68.50	Feature 1 Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0 BND QLF: ALT MAS FOL Serpentinized UM: black to dark brown, fine grained, massive to foliated @ 40 - 50 tca, most original fabric overprinted by biotite alteration; carbonatized, no significant mineralization, grading into less altered EOB at 67.2 Alteration : Type/Intensity/Texture CB 2 PRV BIO 3 PRV	PED69023	67.00	68.00	1.00	0.00	<0.005	-	-	
68.50	114.75	Feature 1 Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM QLF: ALT FTB SHD komatiitic basalt: dark grey- dark green, fine grained, massive - flowtop breccia - sheared fabric, mod prv talc alt with silicified patches (chert sutures); prv bi+chl+act; strong patchy serpentinite, local strong shear zones @ 5 -25 tca; smooth planar to slightly rough fracture surfaces with sulphides blebed on smooth surfaces (4-5/m 30-60 tca), 2% strongly deformed/overprinted/boudinaged/ folded qtz-carb and qtz-carb-act stringers and veinlets, <1% disseminated and blebed Py-Po, gradational contact at 114.75 m @ 30 tca with gabbroic intrusive	PED69024	87.00	88.00	1.00	0.00	<0.005	-	-	
			PED69025	109.40	110.40	1.00	4.74	4.740	-	-	
			PED69026	113.75	114.75	1.00	1.10	1.100	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :	Type/Intensity/Texture								
			AC 3 PRV								
			SRP 2 PCH								
			TLC 2 PRV								
		Structure:									
70.70 - 70.90		Alpha: 0		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD 3		0		0					
76.50 - 78.40		Alpha: 0		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD 2		0		0					
82.70 - 82.75		Alpha: 0		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		FLT5 3		0		0					
97.65 - 99.80		Alpha: 0		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD		0		0					
109.50 - 110.40		Alpha: 0		Beta: 0							
		Type/GEN/Intensity		CA1:		CA2:					
		SHD 3		0		0					
		Mineralization Maj. :	Type/GSZ%/HABIT		Comment						
68.50 - 114.75		SU GS1 1 DIS	disseminated; blebed on fracture surfaces								
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
V3		Quartz_carbonate vein	☐	2	0	WHT	S				
		QLF:	ALT FTB SHD								
		Alteration :	Type/Intensity/Texture								
			AC 2 VND								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
114.75	119.85	Feature 1	PED69028	114.75	115.80	1.05	0.42	0.415	-	-	
		Type	PED69029	115.80	117.00	1.20	0.60	0.602	-	-	
		I1A Gabbro	PED69030	117.00	118.00	1.00	0.56	0.559	-	-	
		QLF: ALT MIN VND	PED69031	118.00	119.00	1.00	0.30	0.304	-	-	
		Gabbo: black, fine to med grained, massive to felted texture, strong amp+bi alt; slightly rough fracture surfaces (2-3/m @ 40 - 60 tca), 1% fragmental/ folded carb threads and stringers; containing sulphides, 5-10% sulphides (py-po) disseminated and in veining, sharp dyke contact at 119.85 m @ 30 tca with felsic dyke	PED69032	119.00	119.85	0.85	0.20	0.203	-	-	
		Alteration :									
		Type/Intensity/Texture									
		AC 3 PRV									
		AMP 3 PRV									
		BIO 3 PRV									
		Structure:									
	114.75 - 114.76	Alpha: 0									
		Type/GEN/Intensity									
		CB 3	CA1:	CA2:							
			0	0							
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
	114.75 - 119.85	PO 3 THD	Comment								
			5-10% sulphides (py-po) disseminated and in veining								
	114.75 - 119.85	SU GS1 7 DIS	5-10% sulphides (py-po) disseminated and in veining								
		Feature 2:									
		Type									
		V3S Quartz_carbonate_vein_with_su	Dyke	%	Thickness	Colour	Vein				
			<input checked="" type="checkbox"/>	1	0	WHT					
		QLF: ALT MIN VND									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
119.85	122.65	Feature 1	PED69033	119.85	121.00	1.15	0.11	0.106	-	-	
		Type	PED69034	121.00	122.00	1.00	0.06	0.063	-	-	
		I3 Felsic_intrusive	PED69035	122.00	122.65	0.65	0.02	0.023	-	-	
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GYM Vein									
		QLF: ALT MAS DEF									
		Felsic dyke: grey, fine grained, massive, mod spotty bi+chl alt; very strong prv sericite; silicified, minor slightly rough fracturing (<1/m @ 30 tca) infilled with biotite, minor carb threads (3-4 /m @ 30 - 45 tca; minor extensionally fractured qtz stringers and veinlets (2-3/m @ 30 - 60 tca), no significant mineralization, sharp dyke contact at 122.65 m @ 40 tca with E0B									
		Alteration :									
		Type/Intensity/Texture									
		SER 4 PRV									
		CHL 2 SPT									
		BIO 2 SPT									
		Structure:									
	119.85 - 119.86	Alpha: 0									
		Type/GEN/Intensity									
		CD 3									
		Beta: 0									
		CA1: CA2:									
		0 0									
	122.65 - 122.65	Alpha: 0									
		Type/GEN/Intensity									
		CD 3									
		Beta: 0									
		CA1: CA2:									
		0 0									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
122.65	143.08	Feature 1	PED69036	122.65	123.65	1.00	0.01	0.006	-	-
		Type	PED69037	123.65	124.65	1.00	0.01	0.007	-	-
		E0B Komatiitic_basalt	PED69038	124.65	125.65	1.00	0.01	0.010	-	-
		QLF: ALT DEFS MAS	PED69039	133.00	134.00	1.00	0.01	0.010	-	-
		Komatiitic basalt: dark-grey to grey-green, fine grained, massive, strong patchy chl alt (increased chl alt proximal to downhole contact with mafic intrusive); mod prv bi, mod prv srp+tlc; mod patchy silicified zones, minor smooth to slightly rough fracturing (2-3 / m @ 45 - 60 tca, <1% disseminated sulphides mostly showing on fracture surfaces; occasionally in veining, 1 - 2 % folded/ boudinaged qtz-carb threads stringers and veinlets @40 - 60 tca; some with actinolite and sulphides, chilled margin at 143.08 m with mafic intrusive	PED69040	135.00	136.20	1.20	0.56	0.555	-	-
			PED69041	141.00	142.00	1.00	0.03	0.033	-	-
			PED69042	142.00	143.05	1.05	0.27	0.272	-	-
		Alteration :								
		Type/Intensity/Texture								
		TLC 2 PRV								
		SRP 2 PRV								
		CHL 3 PCH								
		Structure:								
	124.94 - 125.00	Alpha: 0	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V3 3	0 0							
	135.55 - 135.65	Alpha: 0	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V2A 3	0 0							
		Feature 2:								
		Type	Dyke	%	Thickness	Colour	Vein			
		V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT	S			
		QLF: ALT DEFS MAS								
		Alteration :								
		Type/Intensity/Texture								
		AC 1 VND								



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
143.08	148.10	Feature 1	PED69044	143.05	144.00	0.95	0.54	0.543	-	-	
		Type	PED69045	144.00	145.00	1.00	0.21	0.210	-	-	
		Dyke % Thickness Colour Vein	PED69047	145.00	146.00	1.00	1.91	1.910	-	-	
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 BLK	PED69048	146.00	147.00	1.00	0.22	0.215	-	-	
		QLF: ALT FOL MIN	PED69049	147.00	148.10	1.10	0.59	0.589	-	-	
		Mafic intrusive (veined and mineralized; possible high-ti basalt?): black, fine grained, moderate foliation at ~45 tca, strong prv bi alt increasing grain size proximal to veining; mod prv chl, smooth planar fractures (2-3/m @30-40 tca), minor boudinaged/ folded qtz-carb threads and stringers (5-10 threads / m @40 -50 tca; some Po threads), 5% disseminated and threaded Py-Po, sharp dyke contact at 148.1 m @ 50 tca									
		Alteration :									
		Type/Intensity/Texture									
		CB 2 VND									
		CHL 2 PRV									
		BIO 3 PRV									
		Structure:									
		143.08 - 143.15 Alpha: 0 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CC 0 0									
		148.10 - 148.10 Alpha: 0 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CD 3 0 0									
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
		143.08 - SU GS1 5 DIS 5% disseminated and threaded Py-Po									
		148.10									



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-29**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
148.10	153.40	Feature 1	PED69050	148.10	149.00	0.90	0.15	0.151	-	-	
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT FRA MAS</p> <p>Felsic dyke: light to dark-grey, fine to med grained, massive, strong spotty chl alt; strong prv sericite; mod spotty bio, annealed fractures infilled with chl+bi; slightly rough fracture surfaces (1-2/m @40 tca); shallow (5-15 tca) extensional cracks infilled with bi+chl, sharp dyke contact at 153.4 m @ 50 tca</p>	PED69051	149.00	150.00	1.00	0.04	0.038	-	-	
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 0 0 GYM</p>	PED69052	150.00	151.00	1.00	0.04	0.036	-	-	
			PED69053	151.00	152.00	1.00	0.04	0.039	-	-	
			PED69054	152.00	153.00	1.00	0.03	0.032	-	-	
			PED69055	153.00	153.40	0.40	0.12	0.124	-	-	
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 2 SPT</p> <p style="margin-left: 40px;">SER 3 PRV</p> <p style="margin-left: 40px;">CHL 3 SPT</p>									
		<p>Structure:</p> <p>153.40 - 153.40 Alpha: 0 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD 3 0 0</p>									
153.40	184.50	Feature 1	PED69056	153.40	154.40	1.00	0.01	0.011	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT VND FTB</p> <p>Komatiitic basalt: dark-grey to grey-green</p>	PED69057	154.40	155.40	1.00	0.00	<0.005	-	-	
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 98 0 GNM</p>	PED69058	168.00	169.00	1.00	0.02	0.015	-	-	
			PED69059	182.50	183.50	1.00	0.01	0.013	-	-	
			PED69061	183.50	184.50	1.00	0.03	0.025	-	-	
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SIL 2 PCH</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p style="margin-left: 40px;">CHL 3 PRV</p>									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-29**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
Structure:												
	184.50 - 184.50	Alpha: 0 Beta: 0 Type/GEN/Intensity CS 3										
		CA1: 0 CA2: 0										
Feature 2:												
		Type	Dyke	%	Thickness	Colour	Vein					
	V3	Quartz_carbonate vein	☐	2	0	WHT						
	QLF: ALT VND FTB											
	Alteration : Type/Intensity/Texture AC 1 VND											
184.50	195.15	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
	E1H	High_titanium_basalt	☐	98	0	BLK	S					
	QLF: ALT MIN VND											
	High-ti Basalt (veined and mineralized): black											
	Alteration : Type/Intensity/Texture SIL 2 PRV CHL 2 PRV BIO 3 PRV											
	Structure:											
	195.15 - 195.15	Alpha: 0 Beta: 0 Type/GEN/Intensity CS 3										
		CA1: 0 CA2: 0										
	Mineralization Maj. : Type/GSZ%/HABIT 184.50 - PO GS1 1 THD											
	Comment E1H: 3-5% disseminated sulphides (py-pn):											
	PED69062							0.24	0.242	-	-	
	PED69064							0.28	0.276	-	-	
	PED69065							0.66	0.662	-	-	
	PED69066							0.73	0.731	-	-	
	PED69067							0.72	0.721	-	-	
	PED69068							0.07	0.072	-	-	
	PED69069							0.04	0.039	-	-	
	PED69070							0.09	0.088	-	-	
	PED69071							9.22	>10.000	9.22	-	
	PED69073							6.42	6.420	-	-	
	PED69074							3.91	3.910	-	-	
	PED69075							3.04	3.040	-	-	
	PED69076							3.22	3.220	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-29**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
	195.15											
	184.50 - 195.15	SU GS1 4 DIS minor Po threads E1H: 3-5% disseminated sulphides (py-po); minor Po threads										
	Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein					
		V2A Quartz_carb_actinolite_vein	☐	2	0	WHT	S					
		QLF: ALT MIN VND										
		Alteration : Type/Intensity/Texture										
		AC 2 VND										
195.15	211.35	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	☐	98	0	GNM						
		QLF: ALT FTB VND										
		Komatiitic basalt: dark-grey to grey-green										
		Alteration : Type/Intensity/Texture										
		SIL 3 PCH										
		TLC 2 PRV										
		CHL 3 PRV										
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		V3 Quartz_carbonate_vein	☐	2	0	WHT	S					
		QLF: ALT FTB VND										
		Alteration : Type/Intensity/Texture										
		AC 1 VND										



LITHOLOGY REPORT

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Hole Number **305-17-29**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
211.35	226.45	Feature 1	PED69084	211.35	212.00	0.65	0.00	<0.005	-	-	-
		Type	PED69085	212.00	213.00	1.00	0.01	0.011	-	-	-
		I1A Gabbro	PED69086	213.00	214.00	1.00	0.00	<0.005	-	-	-
		QLF: ALT MAS MIN	PED69087	214.00	215.00	1.00	0.00	<0.005	-	-	-
		Gabbroic intrusive: dark-grey	PED69088	215.00	216.00	1.00	0.00	<0.005	-	-	-
		Alteration :	PED69089	216.00	217.00	1.00	0.00	<0.005	-	-	-
		Type/Intensity/Texture	PED69090	217.00	218.00	1.00	0.00	<0.005	-	-	-
		CHL 4 LOC	PED69091	218.00	219.00	1.00	0.00	<0.005	-	-	-
		AMP 3 SPT	PED69092	219.00	220.00	1.00	0.00	<0.005	-	-	-
		BIO 3 PRV	PED69093	220.00	221.00	1.00	0.00	<0.005	-	-	-
		Structure:	PED69095	221.00	222.00	1.00	0.00	<0.005	-	-	-
		211.35 - 211.40 Alpha: 0 Beta: 0	PED69096	222.00	223.00	1.00	0.00	<0.005	-	-	-
		Type/GEN/Intensity	PED69097	223.00	224.00	1.00	0.00	<0.005	-	-	-
		CC 3 CA1: 0 CA2: 0	PED69098	224.00	225.00	1.00	0.00	<0.005	-	-	-
		Feature 2:	PED69099	225.00	226.00	1.00	0.00	<0.005	-	-	-
		Type									
		V1S Carbonate_vein_with_sulphide									
		QLF: ALT MAS MIN									
		Alteration :									
		Type/Intensity/Texture									
		SUL 2 VND									
		BIO 3 LOC									



LITHOLOGY REPORT

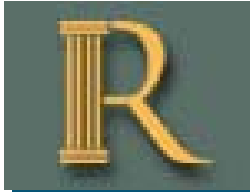
- Detailed -

Hole Number **305-17-29**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
226.45	300.00	Feature 1	PED69101	226.00	227.05	1.05	0.00	<0.005	-	-		
		Type	PED69102	243.00	244.00	1.00	0.00	<0.005	-	-		
		E0B Komatiitic_basalt	PED69103	253.00	254.00	1.00	0.00	<0.005	-	-		
		QLF: ALT FTB MAS	PED69104	262.00	263.00	1.00	0.00	<0.005	-	-		
		Komatiitic basalt: dark-grey to grey-green, fine grained, massive to flow top breccia fabric, strong patchy chl +sil alt; stongly altered/ overprinted proximal to upper contact with Gabbroic intusive and other zones; mod prv bi, weak patchy tlc; mod spotty srp, mod patchy silicified zones (chert sutures); strong altered talc-rich zone with medium grained magnetite from 287 - 288 m, minor smooth to slightly rough fracturing (see oriented structural data sheet), no significant mineralization, 1% folded/ boudinaged qtz-carb and qtz-carb-act threads stringers and veinlets @40 - 60 tca; some with actinolite and sulphides; contact at	PED69105	279.00	280.00	1.00	1.58	1.580	-	-		
			PED69106	286.00	287.00	1.00	0.00	<0.005	-	-		
			PED69107	287.00	288.00	1.00	0.00	<0.005	-	-		
			PED69108	288.00	289.00	1.00	0.00	<0.005	-	-		
			PED69109	289.00	290.00	1.00	0.00	<0.005	-	-		
		Alteration :	PED69110	294.00	295.05	1.05	0.00	<0.005	-	-		
		Type/Intensity/Texture	PED69111	295.05	296.00	0.95	0.00	<0.005	-	-		
		MAG 2 LOC	PED69112	299.00	300.00	1.00	0.00	<0.005	-	-		
		SIL 4 PRV										
		TLC 3 PCH										
		Structure:										
		226.45 - 226.50										
		Alpha: 0										
		Beta: 0										
		Type/GEN/Intensity										
		CC 3										
		CA1: 0										
		CA2: 0										



DRILL HOLE REPORT

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 62.05	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysge
Dip: -44.19	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 354	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 10-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 14-Aug-17				Surveyed: yes
Logged: 30-Aug-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10222.722	East: 448368.98	Left in hole:
		North: 50061.707	North: 5663849	Making water: no
		Elev.: 5065.811	Elev.: 65.81	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	62.05	-44.19	C	<input checked="" type="checkbox"/>	
0.10	62.05	-44.19	Gyro	<input checked="" type="checkbox"/>	
10.10	62.14	-44.37	Gyro	<input checked="" type="checkbox"/>	
15.00	62.16	-44.33	DeviShot	<input type="checkbox"/>	Replaced by gyro
20.10	62.13	-44.40	Gyro	<input checked="" type="checkbox"/>	
30.10	62.04	-44.43	Gyro	<input checked="" type="checkbox"/>	
40.10	61.93	-44.48	Gyro	<input checked="" type="checkbox"/>	
50.10	62.04	-44.55	Gyro	<input checked="" type="checkbox"/>	
51.00	64.21	-44.71	DeviShot	<input type="checkbox"/>	Suspect; Replaced by gyro
60.10	61.84	-44.60	Gyro	<input checked="" type="checkbox"/>	
70.10	61.78	-44.73	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.10	61.57	-44.87	Gyro	<input checked="" type="checkbox"/>	
90.10	61.55	-44.96	Gyro	<input checked="" type="checkbox"/>	
100.10	61.56	-44.98	Gyro	<input checked="" type="checkbox"/>	
102.00	60.99	-45.15	DeviShot	<input type="checkbox"/>	Replaced by gyro
110.10	61.51	-45.23	Gyro	<input checked="" type="checkbox"/>	
120.10	61.50	-45.43	Gyro	<input checked="" type="checkbox"/>	
130.10	61.28	-45.61	Gyro	<input checked="" type="checkbox"/>	
140.10	61.14	-45.74	Gyro	<input checked="" type="checkbox"/>	
150.00	62.75	-46.02	DeviShot	<input type="checkbox"/>	Replaced by gyro
150.10	61.34	-45.79	Gyro	<input checked="" type="checkbox"/>	
160.10	61.38	-45.79	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 305-17-30

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	61.07	-45.75	Gyro	<input checked="" type="checkbox"/>	
180.10	61.11	-45.70	Gyro	<input checked="" type="checkbox"/>	
190.10	61.26	-45.69	Gyro	<input checked="" type="checkbox"/>	
200.10	61.33	-45.87	Gyro	<input checked="" type="checkbox"/>	
204.00	59.48	-46.04	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
210.10	61.30	-46.00	Gyro	<input checked="" type="checkbox"/>	
220.10	61.13	-45.97	Gyro	<input checked="" type="checkbox"/>	
230.10	61.21	-46.01	Gyro	<input checked="" type="checkbox"/>	
240.10	60.90	-46.02	Gyro	<input checked="" type="checkbox"/>	
250.10	60.97	-46.06	Gyro	<input checked="" type="checkbox"/>	
252.00	57.63	-46.37	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	61.05	-46.20	Gyro	<input checked="" type="checkbox"/>	
270.10	61.12	-46.26	Gyro	<input checked="" type="checkbox"/>	
280.10	61.10	-46.29	Gyro	<input checked="" type="checkbox"/>	
290.10	61.00	-46.37	Gyro	<input checked="" type="checkbox"/>	
300.00	61.01	-46.79	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
300.10	60.99	-46.43	Gyro	<input checked="" type="checkbox"/>	
310.10	60.91	-46.63	Gyro	<input checked="" type="checkbox"/>	
320.10	60.94	-46.74	Gyro	<input checked="" type="checkbox"/>	
330.10	60.75	-46.72	Gyro	<input checked="" type="checkbox"/>	
340.10	60.70	-46.85	Gyro	<input checked="" type="checkbox"/>	
350.00	56.47	-47.46	DeviSh ot	<input type="checkbox"/>	Replaced by gyro



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
0.00	13.65	Feature 1																			
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS DEFS</p> <p>Komatiitic basalt: dark brown to black, fine grained, massive, very strong prv biotite alteration; serpentinized; weak patchy talc alt; moderate spotty chl, smooth planar to slightly rough fracture surfaces (1-3/m @ 30 - 60 tca), no significant mineralization, no significant veining, shallow to core axis undulating curvilinear sharp lower contact boundary with mafic intrusive from 5 to 25 dtca</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>SRP</td> <td>3 PRV</td> </tr> <tr> <td>TLC</td> <td>1 PCH</td> </tr> <tr> <td>BIO</td> <td>4 PRV</td> </tr> </table>	Type/Intensity/Texture		SRP	3 PRV	TLC	1 PCH	BIO	4 PRV											
Type/Intensity/Texture																					
SRP	3 PRV																				
TLC	1 PCH																				
BIO	4 PRV																				
		<table style="margin-left: 20px;"> <tr> <td>Dyke</td> <td><input type="checkbox"/></td> <td>%</td> <td style="text-align: center;">0</td> <td>Thickness</td> <td style="text-align: center;">0</td> <td>Colour</td> <td>BLK</td> <td>Vein</td> <td></td> </tr> </table>	Dyke	<input type="checkbox"/>	%	0	Thickness	0	Colour	BLK	Vein										
Dyke	<input type="checkbox"/>	%	0	Thickness	0	Colour	BLK	Vein													
13.65	18.45	Feature 1																			
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: ALT FOL DEFS</p> <p>Mafic dyke (possible lamp): black, fine grained massive to weak foliation at 30 - 50 tca, strong prv Bi+amp; minor strongly deformed carb stringers, minor smooth planar to undulating fractures(1-3/m @ 5 - 30 tca), sharp downhole dyke contact at 18.45 @40 tca</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> <td>3 PRV</td> </tr> <tr> <td>CB</td> <td>1 PRV</td> </tr> <tr> <td>BIO</td> <td>3 PRV</td> </tr> </table> <p>Structure:</p>	Type/Intensity/Texture		AMP	3 PRV	CB	1 PRV	BIO	3 PRV											
Type/Intensity/Texture																					
AMP	3 PRV																				
CB	1 PRV																				
BIO	3 PRV																				
		<table style="margin-left: 20px;"> <tr> <td>Dyke</td> <td><input type="checkbox"/></td> <td>%</td> <td style="text-align: center;">0</td> <td>Thickness</td> <td style="text-align: center;">0</td> <td>Colour</td> <td></td> <td>Vein</td> <td></td> </tr> </table>	Dyke	<input type="checkbox"/>	%	0	Thickness	0	Colour		Vein		PED69113	15.45	16.45	1.00	0.00	<0.005	-	-	
Dyke	<input type="checkbox"/>	%	0	Thickness	0	Colour		Vein													
			PED69114	16.80	17.80	1.00	0.00	<0.005	-	-											



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	13.65 - 13.69	Alpha: 15 Type/GEN/Intensity CD 3									
		Beta: 0 CA1: CA2: 5 25									
	13.70 - 18.00	Alpha: 15 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 5 25									
18.45	42.68	Feature 1	PED69115	20.00	21.00	1.00	0.00	<0.005	-	-	
		Type	PED69117	21.00	22.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	PED69118	36.00	37.00	1.00	0.00	<0.005	-	-	
		QLF: ALT DEFS FTB	PED69119	37.00	38.00	1.00	0.00	<0.005	-	-	
		Komatiitic basalt: dark grey, fine grained, massive to flow top breccia to annealed strong shear fabric, mod prv bi+amp; strong prv talc; serpentized, moderate smooth planar fracturing (3-5/m @ 25 - 60 tca), 1% strongly deformed boudinaged/ fragmental qtz-carb veining and fracture fill @ 20 - 60 tca (actinolite alt in veining), 1% disseminated sulphides; also blebed on smooth/ polished fracture surfaces, sharp dyke contact at 42.68 m @ 70 tca with mafic intrusive,	PED69121	38.00	39.00	1.00	0.01	0.005	-	-	
			PED69122	42.00	42.70	0.70	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		SRP 2 PRV									
		TLC 3 PRV									
		BIO 2 PRV									
		Structure:									
	18.45 - 18.46	Alpha: 40 Type/GEN/Intensity CD 3									
		Beta: 0 CA1: CA2:									
	20.40 - 21.80	Alpha: 15 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 5 25									



LITHOLOGY REPORT
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Hole Number 305-17-30

Project: PHOENIX

Project Number: 2

From (m)	To (m)	Geology		Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	33.50 - 34.53	Alpha: 35 Type/GEN/Intensity FRA 3	Beta: 0 CA1: CA2: 15 55									
	35.55 - 39.15	Alpha: 15 Type/GEN/Intensity SHD 3	Beta: 0 CA1: CA2: 5 25									
	41.90 - 41.95	Alpha: Type/GEN/Intensity FLT5 3	Beta: 0 CA1: CA2:									
	18.45 - 42.68	Mineralization Maj. : Type/GSZ%/HABIT SU GS1 1 DIS	Comment 1% disseminated sulphides; also blebed on smooth/ polished fracture surfaces									
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	WHT	S					
		QLF: ALT DEFS FTB										
		Alteration : Type/Intensity/Texture										
		CBA 1 VND										
		AC 2 VND										
42.68	45.50	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK						
		QLF: ALT VND FRG										
		Mafic dyke (possible lamp): black, fine grained massive to weak foliation at 30 - 50 tca, strong prv Bi+amp; minor strongly deformed carb stringers, minor smooth planar to undulating fractures(1-3/m @ 5 - 30 tca), sharp downhole chilled dyke contact at 45.5 m @ 35 tca										



LITHOLOGY REPORT

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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture CB 2 VND AMP 3 PRV BIO 3 PRV									
		Structure: 42.68 - 42.68 Alpha: 70 Beta: 0 Type/GEN/Intensity CA1: CA2: CD 3									
45.50	139.70	Feature 1 Type E0B Komatiitic_basalt <input type="checkbox"/> % 0 Thickness 0 Colour GYM Vein	PED69127	45.50	46.50	1.00	0.00	<0.005	-	-	
		QLF: ALT FTB SHD Komatiitic basalt: dark grey, fine grained, massive to flow top breccia to shear fabric, mod prv bi+amp; strong patchy talc; serpentized; silicified, moderate smooth planar to curvilinear fracturing (3-5/m @ 25 - 60 tca), 1% strongly deformed boudinaged/ fragmental qtz-carb veining and fracture fill @ 20 - 60 tca (actinolite alt in veining), 1% disseminated sulphides; also blebed on smooth/ polished fracture surfaces, sharp dyke contact at 139.7 @ 40tca with felsic dyke	PED69128	46.50	47.50	1.00	0.00	<0.005	-	-	
			PED69129	57.85	59.00	1.15	0.02	0.016	-	-	
			PED69130	68.00	69.00	1.00	0.00	<0.005	-	-	
			PED69131	69.00	70.00	1.00	0.00	<0.005	-	-	
			PED69132	77.00	78.00	1.00	0.00	<0.005	-	-	
			PED69133	131.00	132.00	1.00	0.00	<0.005	-	-	
			PED69134	132.00	133.00	1.00	0.01	0.012	-	-	
			PED69135	133.00	134.00	1.00	0.02	0.015	-	-	
			PED69137	134.00	135.00	1.00	0.01	0.011	-	-	
			PED69138	135.00	136.00	1.00	0.00	<0.005	-	-	
			PED69139	136.00	137.00	1.00	0.00	<0.005	-	-	
			PED69140	137.00	138.00	1.00	0.00	<0.005	-	-	
			PED69141	138.00	138.55	0.55	0.03	0.032	-	-	
			PED69143	138.55	139.70	1.15	0.45	0.451	-	-	
		Alteration : Type/Intensity/Texture SRP 2 LOC SIL 2 PRV TLC 3 PCH									
		Structure: 45.50 - 45.50 Alpha: 35 Beta: 0 Type/GEN/Intensity CA1: CA2: CC 3									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	58.00 - 59.00	Alpha: 45 Type/GEN/Intensity FLT5 3								
		Beta: 0 CA1: CA2: 30 60								
	77.35 - 78.00	Alpha: 35 Type/GEN/Intensity FLT 3								
		Beta: 0 CA1: CA2: 20 50								
	88.50 - 89.00	Alpha: 15 Type/GEN/Intensity FRA 3								
		Beta: 0 CA1: CA2: 5 30								
	90.00 - 92.00	Alpha: 30 Type/GEN/Intensity FLT2 3								
		Beta: 0 CA1: CA2:								
	92.00 - 93.00	Alpha: Type/GEN/Intensity FLT5 3								
		Beta: 0 CA1: CA2:								
	93.00 - 95.00	Alpha: 25 Type/GEN/Intensity FLT2 2								
		Beta: 0 CA1: CA2:								
	97.00 - 117.00	Alpha: 15 Type/GEN/Intensity FLT2 3								
		Beta: 0 CA1: CA2: 5 30								
	118.50 - 125.50	Alpha: 30 Type/GEN/Intensity FLT 2								
		Beta: 0 CA1: CA2: 10 50								

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	WHT	S
QLF: ALT FTB SHD					



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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture CBA 1 VND AC 1 VND									
139.70	150.85	Feature 1 Type I3 Felsic_intrusive QLF: ALT FOL VND Felsic dyke: brownish-grey, fine grained, massive to weak foliation at 40-50tca, strong spotty bi; weak spotty chl; strong prv sericite; silica flooded, minor slightly rough planar fractures(1-3/m @ 30 dtca); planar black line fractures in filled with biotite, 1% moderately deformed qtz-carb stringers veinlets veins (2-3/m @ 30-50 tca), no significant mineralization, sharp downhole contact at 150.85 m @ 55 tca with E0B									
		Dyke % Thickness Colour Vein <input checked="" type="checkbox"/> 0 0 BNM S									
		Alteration : Type/Intensity/Texture CHL 1 SPT SIL 4 PRV BIO 3 SPT									
		Structure: 139.70 - 139.70 Alpha: 40 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
		144.85 - 145.00 Alpha: 20 Beta: 0 Type/GEN/Intensity CA1: CA2: V3 3 10 30									
		Feature 2: Type V3 Quartz_carbonate vein Dyke % Thickness Colour Vein <input checked="" type="checkbox"/> 0 0 GYL S									



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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

<i>From (m)</i>	<i>To (m)</i>	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au (ppm)</i>	<i>FAA (ppm)</i>	<i>FAG (ppm)</i>	<i>MS (ppm)</i>	<i>FAA (ppb)</i>
		QLF: ALT FOL VND									
		Alteration : <i>Type/Intensity/Texture</i> AC 1 VND									
150.85	151.40	Feature 1	PED69157	150.85	151.40	0.55	0.47	0.472	-	-	
		<i>Type</i>									
		E0B Komatiitic_basalt									
		QLF: ALT MAS DEFS									
		komatiitic basalt: dark green, fine grained, massive, mod prv bi; strong prv chl; overprinting alt; silicified, no significant fractures, no significant mineralization, 1% strongly deformed/boudinaged/ folded/ overprinted qtz-carb stringers and veinlets (20 - 70 tca), irregular downhole contact at 151.40 m with E1H									
		Alteration : <i>Type/Intensity/Texture</i> SIL 2 PRV CHL 4 PRV BIO 2 PRV									
		Structure:									
	150.85 - 150.86	Alpha: 55 <i>Type/GEN/Intensity</i> CS 3									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		<i>Type</i>									
		V3 Quartz_carbonate vein									
		QLF: ALT MAS DEFS									
		Alteration : <i>Type/Intensity/Texture</i> CB 1 VND AC 1 VND									



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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)												
151.40	156.35	Feature 1	PED69158	151.40	152.50	1.10	0.04	0.036	-	-													
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	0	0	BLK		PED69159	152.50	153.45	0.95	0.03	0.034	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E1H High_titanium_basalt	☐	0	0	BLK																			
		QLF: ALT MAS MIN	PED69161	153.45	154.00	0.55	0.07	0.069	-	-													
		High-Ti Basalt (veined and mineralized): black, fine grained, massive, very strong prv bi alt; mod prv chl; silicified, minor slightly rough fracture surfaces (1-3/m @ 40 - 65 tca), 1 % weak def fragmental folded qtz-carb- and qtz-carb-act stringers and veinlets @ 40 - 60 tca, 1-3% disseminated and threaded Po, sharp downhole contact at 156.35 m @ 60 tca	PED69162	154.00	155.00	1.00	0.05	0.053	-	-													
			PED69163	155.00	155.50	0.50	0.10	0.096	-	-													
			PED69164	155.50	156.35	0.85	0.02	0.018	-	-													
		Alteration :																					
		Type/Intensity/Texture																					
		SIL 3 PRV																					
		CHL 2 PRV																					
		BIO 4 PRV																					
		Structure:																					
	151.40 - 151.41	Alpha:	Beta: 0																				
		Type/GEN/Intensity	CA1: CA2:																				
		Cl 3																					
	152.40 - 152.44	Alpha: 50	Beta: 0																				
		Type/GEN/Intensity	CA1: CA2:																				
		V2A 3																					
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment																			
	151.40 - 156.35		SU GS1 2 DIS	1-3% disseminated and threaded Po																			
	151.40 - 156.35		PO GS1 1 THD	1-3% disseminated and threaded Po																			



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- Detailed -

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
156.35	167.60	Feature 1	PED69166	156.35	157.00	0.65	0.00	<0.005	-	-	-
		Type	PED69167	157.00	158.00	1.00	0.01	0.007	-	-	-
		E0B Komatiitic_basalt	PED69168	158.00	159.00	1.00	0.00	<0.005	-	-	-
		QLF: ALT MAS VND	PED69169	159.00	160.00	1.00	0.00	<0.005	-	-	-
		komatiitic basalt: dark grey, fine grained, massive, strong prv bi+chl; strong prv talc alt, minot smooth planar to slightly rough fracture surfaces at 30 - 35 tca, 1-2% folded/boudinaged qtz-carb stringers and veinlets (up to 10/m); some with actinolite; thin 1-2mm carbonate banding proximal to down hole contact with E1H, trace disseminated sulphides, sharp downhole contact at 167.6 m @ 50 tca with E1H	PED69170	160.00	161.00	1.00	0.00	<0.005	-	-	-
			PED69171	161.00	162.00	1.00	0.01	0.006	-	-	-
			PED69172	162.00	163.00	1.00	0.00	<0.005	-	-	-
			PED69173	163.00	164.00	1.00	0.03	0.034	-	-	-
			PED69174	164.00	165.00	1.00	0.00	<0.005	-	-	-
			PED69175	165.00	166.00	1.00	0.00	<0.005	-	-	-
			PED69176	166.00	167.00	1.00	0.01	0.008	-	-	-
			PED69177	167.00	167.60	0.60	0.04	0.043	-	-	-
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
		CHL 3 PRV									
		BIO 3 PRV									
		Structure:									
		156.35 - 156.35 Alpha: 60 Beta: 0									
		Type/GEN/Intensity									
		CS 3 CA1: CA2:									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT MAS VND									
		Alteration :									
		Type/Intensity/Texture									
		AC 1 VND									



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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	Au (ppb)											
167.60	169.45	Feature 1	PED69179	167.60	168.00	0.40	0.11	0.110	-	-												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK		PED69180	168.00	169.00	1.00	15.14	>10.000	15.14	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK																		
		<p>QLF: ALT MAS MIN</p> <p>High-Ti basalt (veined and mineralized): black, fine grained, massive, very strong prv bi alt; strong silicification, no fracturing, 1% boudinaged/ strongly deformed qtz-carb veining, up to 5% disseminated Py-Po, sharp downhole contact at 169.45 m @30 tca with E0B</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SIL 4 PRV</td> <td></td> </tr> <tr> <td>BIO 4 PRV</td> <td></td> </tr> </table> <p>Structure:</p> <p>167.60 - 167.60 Alpha: 50 Beta: 0</p> <table border="0"> <tr> <td style="text-align: right;">Type/GEN/Intensity</td> <td style="text-align: right;">CA1:</td> <td style="text-align: right;">CA2:</td> </tr> <tr> <td>CS 3</td> <td></td> <td></td> </tr> </table> <p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>167.60 - 169.45 SU GS1 5 DIS</p>	Type/Intensity/Texture		SIL 4 PRV		BIO 4 PRV		Type/GEN/Intensity	CA1:	CA2:	CS 3			PED69182	169.00	169.45	0.45	0.27	0.273	-	-
Type/Intensity/Texture																						
SIL 4 PRV																						
BIO 4 PRV																						
Type/GEN/Intensity	CA1:	CA2:																				
CS 3																						
169.45	171.90	Feature 1	PED69183	169.45	170.45	1.00	3.76	3.760	-	-												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GY</td> <td></td> </tr> </table> <p>QLF: ALT MAS MIN</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	GY		PED69184	170.45	171.50	1.05	2.01	2.010	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	GY																		
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM		PED69185	171.50	171.95	0.45	3.74	3.740	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																		



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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: ALT DEF FTB</p> <p>komatiitic basalt: green, fine grained, massive to flow top breccia fabric, very strong prv chl alt; silicified; strong prv bi; carbonatized, slightly rough to smooth planar fractures 91-3/m @~40tca), no significant veining, no significant mineralization</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">BIO 2 PRV</p> <p style="margin-left: 20px;">SIL 2 PRV</p> <p style="margin-left: 20px;">CHL 3 PRV</p> <p>Structure:</p> <p>169.45 - 169.45 Alpha: 30 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CS</p>									
171.90	182.00	<p>Feature 1</p> <p style="margin-left: 20px;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT MIN VND</p> <p>High-Ti basalt (veined and mineralized): black, fine grained, massive, very strong prv bi alt; strong silicification, smooth planar to slightly rough fracturing (1-3/m @ 30 - 50tca), 1% boudinaged/ strongly deformed qtz-carb veining @ 20 - 40 tca, up to 5% disseminated and threaded Py-Po, sharp downhole contact at 182 m @40 tca with I3</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">SIL 3 PRV</p> <p style="margin-left: 20px;">BIO 4 PRV</p> <p>Structure:</p> <p>171.90 - 171.95 Alpha: Beta: 0</p>	<p>PED69186</p> <p>PED69188</p> <p>PED69189</p> <p>PED69190</p> <p>PED69191</p> <p>PED69192</p> <p>PED69193</p> <p>PED69194</p> <p>PED69195</p> <p>PED69196</p> <p>PED69197</p> <p>PED69198</p> <p>PED69199</p>	<p>171.95</p> <p>172.50</p> <p>173.00</p> <p>173.50</p> <p>174.00</p> <p>174.50</p> <p>174.50</p> <p>175.00</p> <p>175.60</p> <p>176.00</p> <p>176.50</p> <p>177.00</p> <p>177.70</p> <p>178.20</p> <p>178.80</p>	<p>172.50</p> <p>173.00</p> <p>173.50</p> <p>174.00</p> <p>174.50</p> <p>175.00</p> <p>175.60</p> <p>176.00</p> <p>176.50</p> <p>177.00</p> <p>177.70</p> <p>178.20</p> <p>178.80</p>	<p>0.55</p> <p>0.50</p> <p>0.50</p> <p>0.50</p> <p>0.50</p> <p>0.50</p> <p>0.60</p> <p>0.40</p> <p>0.50</p> <p>0.50</p> <p>0.70</p> <p>0.50</p> <p>0.60</p>	<p>0.21</p> <p>0.18</p> <p>0.33</p> <p>0.32</p> <p>0.22</p> <p>1.86</p> <p>0.53</p> <p>0.55</p> <p>0.66</p> <p>1.52</p> <p>4.42</p> <p>1.88</p> <p>0.66</p>	<p>0.213</p> <p>0.182</p> <p>0.330</p> <p>0.322</p> <p>0.220</p> <p>1.860</p> <p>0.530</p> <p>0.551</p> <p>0.657</p> <p>1.520</p> <p>4.420</p> <p>1.880</p> <p>0.657</p>	<p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	<p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CG 3									
	177.55 - 177.65	Alpha: 40 Beta: 0									
		Type/GEN/Intensity V2A 3									
		Mineralization Maj. : Type/GSZ%/HABIT SIL GS1 2 DIS									
182.00	184.60	Feature 1									
		Type I3 Felsic_intrusive									
		Dyke % Thickness Colour Vein □ 98 0 GYM									
		QLF: ALT FOL VND									
		Felsic dyke: brownish-grey, fine grained, massive to weak foliation at 45 -60tca, very strong spotty bi; weak spotty chl; strong prv sericite; silica flooded, minor slightly rough planar fractures(1-3/m @ 40 - 50 dtca); planar black line fractures in filled with biotite, 1% moderately deformed qtz-carb stringers veinlets veins; some bearing sulphides; some V2A's (2-3/m @ 30-50 tca), no significant mineralization, sharp downhole contact at 184.6 m @ 40 tca with mafic intrusive									
		Alteration : Type/Intensity/Texture CHL 1 SPT SIL 3 PRV BIO 4 SPT									
		Structure: 182.00 - 182.00 Alpha: 40 Beta: 0 Type/GEN/Intensity CD 3 CA1: CA2:									
		Feature 2:									
		Type V3S Quartz_carbonate_vein_with_su									
		Dyke % Thickness Colour Vein □ 2 0 WHT S									
		QLF: ALT FOL VND									



LITHOLOGY REPORT - Detailed -

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		Alteration :								
		Type/Intensity/Texture								
		SUL 2 VND								
		AC 1 VND								
184.60	184.95	Feature 1								
		Type								
		I0E Lamprophyre								
		Dyke	<input type="checkbox"/>							
		%	0							
		Thickness	0							
		Colour	BLK							
		Vein								
		QLF: ALT MAS XEN								
		Lamprophyre dyke: black, fine grained, massive, strong prv bi+amp, rough fractures (2 @ 50 tca), minor carb threads @ 50 tca, xenolith of felsic dyke in Lamp dyke near downhole contact boundary, sharp dyke contact at 184.95 m @45 tca								
		Alteration :								
		Type/Intensity/Texture								
		SIL 2 PRV								
		AMP 3 PRV								
		BIO 4 PRV								



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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
184.95	193.95	Feature 1								
		Type								
		I3 Felsic_intrusive								
		Dyke <input type="checkbox"/>								
		% 99								
		Thickness 0								
		Colour BNM								
		Vein								
		QLF: ALT FOL VND	PED69211	185.00	186.00	1.00	0.23	0.225	-	-
		Felsic dyke: brownish-grey, fine grained, massive to weak foliation at 45 -60tca, very strong spotty bi; weak spotty chl; strong prv sericite; silica flooded, minor slightly rough planar fractures(1-3/m @ 40 - 50 dtca); planar black line fractures in filled with biotite, 1% moderately deformed qtz-carb stringers veinlets veins; some bearing sulphides; some V2A's (2-3/m @ 30-50 tca), no significant mineralization, sharp downhole contact at 193.95 m @ 40 tca with E0B	PED69212	186.00	187.10	1.10	0.56	0.562	-	-
			PED69213	187.10	188.10	1.00	0.15	0.153	-	-
			PED69214	188.10	189.00	0.90	0.24	0.237	-	-
			PED69215	189.00	190.05	1.05	0.11	0.110	-	-
			PED69216	190.05	191.00	0.95	0.37	0.374	-	-
			PED69217	191.00	192.00	1.00	0.40	0.395	-	-
			PED69218	192.00	193.00	1.00	0.25	0.251	-	-
			PED69219	193.00	194.00	1.00	0.35	0.353	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 1 SPT								
		SIL 3 PRV								
		BIO 4 PRV								
		Structure:								
		184.95 - 184.95								
		Alpha: 45								
		Beta: 0								
		Type/GEN/Intensity								
		CD 4								
		CA1: CA2:								
		Feature 2:								
		Type								
		V3S Quartz_carbonate_vein_with_su								
		Dyke <input type="checkbox"/>								
		% 1								
		Thickness 0								
		Colour WHT								
		Vein S								
		QLF: ALT FOL VND								
		Alteration :								
		Type/Intensity/Texture								
		SUL 1 VND								
		AC 1 VND								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
193.95	210.20	Feature 1	PED69220	194.00	195.00	1.00	0.01	0.006	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS GS1</p> <p>Komatiitic basalt: green, fine grained, massive, strong chl alt; silicified, moderate prv act, no significant fractures, no significant veining, no significant mineralization, gradational contact into strongly deformed and veined E0B at 210.20 m</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>AC 2 PRV</p> <p>SIL 3 PRV</p> <p>CHL 4 PRV</p> <p>Structure:</p> <p>193.95 - 193.95 Alpha: 40 Beta: 0</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>CS 3</p>	PED69221	195.00	195.95	0.95	0.15	0.147	-	-	
210.20	223.42	Feature 1	PED69222	210.20	211.00	0.80	0.04	0.043	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FOL VND</p> <p>Komatiitic basalt (veined): grey-green, mod foliation @ 40 - 60 tca, mod prv bi+chl; strong patchy talc; silicified, no significant fracturing, up to 5% strongly deformed/ altered/ boudinaged/ folded qtz-carb and qtz-carb-act threads stringers veinlets @35 - 70 tca, no significant mineralization, strongly altered/ mixed zone proximal to downhole gradational contact with mineralized and veined E1H at 223.42 @ ~45 tca</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>TLC 3 PCH</p>	PED69224	211.00	212.00	1.00	0.00	<0.005	-	-	
			PED69225	212.00	213.00	1.00	0.01	0.012	-	-	
			PED69226	213.00	214.00	1.00	0.01	0.005	-	-	
			PED69227	214.00	215.00	1.00	0.09	0.087	-	-	
			PED69228	215.00	216.00	1.00	0.00	<0.005	-	-	
			PED69229	216.00	217.00	1.00	0.00	<0.005	-	-	
			PED69230	217.00	218.00	1.00	0.00	<0.005	-	-	
			PED69231	218.00	219.00	1.00	0.00	<0.005	-	-	
			PED69232	219.00	220.00	1.00	0.00	<0.005	-	-	



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		SIL 2 PRV	PED69233	220.00	221.00	1.00	0.00	<0.005	-	-	
		BIO 2 PRV	PED69234	221.00	222.00	1.00	0.06	0.059	-	-	
		Structure:	PED69236	222.00	223.00	1.00	0.11	0.111	-	-	
		210.20 - 210.22 Alpha: Beta: 0	PED69237	223.00	223.45	0.45	1.35	1.350	-	-	
		Type/GEN/Intensity CA1: CA2:									
		CG 2									
		Feature 2:									
		Type Dyke % Thickness Colour Vein									
		V3 Quartz_carbonate vein <input type="checkbox"/> 5 0 WHT L									
		QLF: ALT FOL VND									
		Alteration : Type/Intensity/Texture									
		AC 1 VND									
223.42	227.70	Feature 1	PED69239	223.45	224.00	0.55	13.64	>10.000	13.64	-	
		Type Dyke % Thickness Colour Vein	PED69240	224.00	224.50	0.50	7.40	7.400	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 98 0 BLK	PED69241	224.50	225.00	0.50	2.56	2.560	-	-	
		QLF: ALT MIN FLD	PED69242	225.00	225.50	0.50	0.53	0.527	-	-	
		High-Ti basalt (veined and mineralized): black to dark-brown, fine to medium grained, very strong prv bi alt (medium grained from top contact up to ~ 225.80 m, fine grained beyond); strong silicification, minor smooth to slightly rough planar fractures (1-3/m @ 30 -45 tca), 1-2 % folded/fragmental/boudinaged qtz-carb-act and qtz-carb threads stringers veinlets @ 35 - 60 tca, up to 5% disseminated and threaded Po, sharp contact at 227.7 m @ 55 tca with E0B	PED69244	225.50	225.90	0.40	0.79	0.791	-	-	
			PED69245	225.90	226.45	0.55	1.22	1.220	-	-	
			PED69246	226.45	227.00	0.55	0.17	0.173	-	-	
			PED69247	227.00	227.70	0.70	2.60	2.600	-	-	
		Alteration : Type/Intensity/Texture									
		SIL 3 PRV									
		BIO 4 PRV									
		Structure:									



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	223.42 - 223.45	Alpha: 44 Type/GEN/Intensity CG 3									
		Beta: 0 CA1: CA2:									
		Mineralization Maj. : Type/GSZ%/HABIT									
	223.42 - 227.70	SU GS1 3 DIS									
		Comment 5% disseminated and threaded Po									
	223.42 - 227.70	PO GS1 2 THD									
		Comment 5% disseminated and threaded Po									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	☐	2	0	GYD					
		QLF: ALT MIN FLD									
		Alteration : Type/Intensity/Texture									
		AC 2 VND									
227.70	232.55	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	☐	95	0	GYM					
		QLF: ALT FOL VND									
		Komatiitic basalt (veined): grey-green, mod foliation @ 40 - 60 tca, mod prv bi+chl; strong patchy talc; silicified, no significant fracturing, up to 5% strongly deformed/altered/ boudinaged/ folded qtz-carb and qtz-carb-act threads stringers veinlets @45-60 tca, no significant mineralization, dyke contact at 232.55 m @55 with gabbroic intrusive									
		Alteration : Type/Intensity/Texture									
		TLC 3 PCH									
		SIL 2 PRV									
		BIO 2 PRV									
		Structure:									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
		Structure: 227.70 - 227.70 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3																					
		Feature 2: <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> QLF: ALT FOL VND Alteration : Type/Intensity/Texture AC 1 VND	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	S									
Type	Dyke	%	Thickness	Colour	Vein																		
V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	S																		
232.55	233.96	Feature 1	PED69254	232.60	233.90	1.30	0.04	0.039	-	-													
		<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1A Gabbro</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> QLF: ALT GS2 FOL Gabbro: black, fine to medium grained, foliated at 35 - 40 tca, strong prv bi+amp; silicified, 2 smooth planar fractures @40-50 tca, minor chaotic silica threads, sharp dyke contact at 233.96 m @ 70 tca Alteration : Type/Intensity/Texture AMP 3 PRV SIL 2 PRV BIO 3 PRV Structure: 232.55 - 232.55 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: CD 3	Type	Dyke	%	Thickness	Colour	Vein	I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK										
Type	Dyke	%	Thickness	Colour	Vein																		
I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK																			



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Hole Number **305-17-30**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
233.96	255.00	Feature 1	PED69255	233.90	234.95	1.05	0.01	0.008	-	-	
		Type	PED69256	234.95	236.00	1.05	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	PED69257	236.00	237.00	1.00	0.00	<0.005	-	-	
		QLF: ALT VND FTB	PED69258	237.00	238.00	1.00	0.00	<0.005	-	-	
		Komatiitic basalt: dark-grey, fine grained, massive to flow top breccia fabric, mod prv bi+chl; strongly silicified; strong patchy talc alt, moderate smooth planar to slightly rough/ undulating fractures @ 35 - 50 tca, 5% folded/boudinaged qtz-carb and qtz-carb -act threads stringers veinlets @ 30 - 60 tca, veining gradually becoming less prominent at 255 m	PED69259	238.00	239.00	1.00	0.00	<0.005	-	-	
			PED69260	239.00	240.00	1.00	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		SIL 2 PRV									
		BIO 2 PRV									
		Structure:									
		233.96 - 233.96									
		Alpha: 70									
		Beta: 0									
		Type/GEN/Intensity									
		CD 3									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT VND FTB									
		Alteration :									
		Type/Intensity/Texture									
		AC 1 VND									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
255.00	341.00	Feature 1	PED69261	267.00	268.00	1.00	0.00	<0.005	-	-	-
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB CHT</p> <p>Komatiitic basalt: dark-grey, fine grained, massive to flow top breccia to shear fabric, mod prv bi+chl; strongly silicified(local chert sutures); strong patchy talc alt, minor smooth planar to slightly rough/ undulating fractures @ 35 - 50 tca, <1% boudinaged/folded V2A's and V3's at 10 - 40 tca, no significant mineralization</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 1 PCH</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">SRP 1 LOC</p> <p>Structure:</p> <p>280.75 - 280.79 Alpha: 35 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">V2A 3</p> <p>322.80 - 323.20 Alpha: 15 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">SHD 3</p>	PED69263	268.00	269.15	1.15	0.02	0.023	-	-	-
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 0 0 GYD</p>	PED69264	269.15	270.00	0.85	0.00	<0.005	-	-	-
			PED69265	273.00	274.20	1.20	0.00	<0.005	-	-	-
			PED69266	277.90	279.00	1.10	0.00	<0.005	-	-	-
			PED69267	279.00	280.10	1.10	0.00	<0.005	-	-	-
			PED69268	280.10	281.25	1.15	0.00	<0.005	-	-	-
			PED69269	281.25	282.00	0.75	0.00	<0.005	-	-	-
			PED69271	288.00	289.15	1.15	0.01	0.007	-	-	-
			PED69272	311.00	312.00	1.00	0.00	<0.005	-	-	-
			PED69274	319.00	320.05	1.05	0.01	0.011	-	-	-
			PED69275	320.05	321.00	0.95	0.00	<0.005	-	-	-
			PED69276	321.00	322.20	1.20	0.01	0.014	-	-	-
			PED69277	322.20	323.00	0.80	0.01	0.006	-	-	-
			PED69278	323.00	324.00	1.00	0.00	<0.005	-	-	-
			PED69279	328.00	329.20	1.20	0.00	<0.005	-	-	-
			PED69280	333.00	334.00	1.00	0.00	<0.005	-	-	-
			PED69281	334.00	335.00	1.00	0.01	0.007	-	-	-
341.00	354.00	Feature 1	PED69282	343.00	344.00	1.00	0.00	<0.005	-	-	-
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB VND</p> <p>Komatiitic basalt: dark-grey, fine grained, massive to flow top breccia fabric, mod prv bi+chl; strongly silicified; strong patchy talc alt, moderate smooth planar to slightly rough/ undulating fractures @ 35 - 50 tca, 1-4% folded/boudinaged qtz-carb and qtz-carb -act threads stringers veinlets @ 20 - 60 tca,</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 2 PRV</p>	PED69283	344.00	345.00	1.00	0.01	0.006	-	-	-
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 96 0 GYM</p>	PED69284	345.00	346.10	1.10	0.00	<0.005	-	-	-
			PED69285	346.10	347.00	0.90	0.01	0.011	-	-	-
			PED69286	347.00	348.00	1.00	0.00	<0.005	-	-	-
			PED69287	349.00	350.05	1.05	0.01	0.005	-	-	-
			PED69288	350.05	351.00	0.95	0.00	<0.005	-	-	-



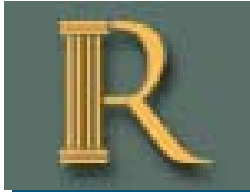
LITHOLOGY REPORT
- Detailed -

Hole Number 305-17-30

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		SIL 3 PRV								
		TLC 2 PCH								
		Structure:								
	345.35 - 346.10	Alpha: 15								
		Type/GEN/Intensity								
		SHD 3								
		Beta: 0								
		CA1: CA2:								
		10 20								



DRILL HOLE REPORT

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 62.36	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -57.22	Pulled:	Storage: Core Farm	Claim No.: KRL18375	Relog by:
Length: 321	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 14-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 18-Aug-17				Surveyed: yes
Logged: 07-Sep-17				Surveyed by: Mark Cottrell
Comment: -NOT ORIENTED- Top 2 boxes might be??				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10220.399	East: 448366.41	Left in hole:
		North: 50060.388	North: 5663849.71	Making water: no
		Elev.: 5065.8	Elev.: 65.8	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	62.36	-57.22	C	<input checked="" type="checkbox"/>	
0.10	62.35	-57.22	Gyro	<input checked="" type="checkbox"/>	
10.10	62.33	-57.10	Gyro	<input checked="" type="checkbox"/>	
15.00	56.47	-57.04	DeviShot	<input type="checkbox"/>	??; Replaced by gyro
20.10	62.29	-57.12	Gyro	<input checked="" type="checkbox"/>	
30.10	62.26	-57.17	Gyro	<input checked="" type="checkbox"/>	
40.10	62.11	-57.12	Gyro	<input checked="" type="checkbox"/>	
50.10	62.27	-57.17	Gyro	<input checked="" type="checkbox"/>	
51.00	68.38	-57.18	DeviShot	<input type="checkbox"/>	??; Replaced by gyro
60.10	62.52	-57.37	Gyro	<input checked="" type="checkbox"/>	
70.10	62.84	-57.38	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
80.10	63.00	-57.50	Gyro	<input checked="" type="checkbox"/>	
90.10	63.22	-57.55	Gyro	<input checked="" type="checkbox"/>	
100.10	63.63	-57.58	Gyro	<input checked="" type="checkbox"/>	
102.00	69.51	-57.66	DeviShot	<input type="checkbox"/>	??; Replaced by gyro
110.10	63.20	-57.56	Gyro	<input checked="" type="checkbox"/>	
120.10	63.26	-57.68	Gyro	<input checked="" type="checkbox"/>	
130.10	63.35	-57.81	Gyro	<input checked="" type="checkbox"/>	
140.10	63.10	-57.98	Gyro	<input checked="" type="checkbox"/>	
150.00	69.07	-57.96	DeviShot	<input type="checkbox"/>	Replaced by gyro
150.10	62.87	-57.93	Gyro	<input checked="" type="checkbox"/>	
160.10	63.14	-57.96	Gyro	<input checked="" type="checkbox"/>	



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Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.10	63.14	-58.00	Gyro	<input checked="" type="checkbox"/>	
180.10	63.03	-58.10	Gyro	<input checked="" type="checkbox"/>	
190.10	63.22	-58.51	Gyro	<input checked="" type="checkbox"/>	
200.10	62.98	-58.57	Gyro	<input checked="" type="checkbox"/>	
204.00	59.44	-58.45	DeviSh ot	<input type="checkbox"/>	No good??; Replaced by gyro
210.10	62.76	-58.53	Gyro	<input checked="" type="checkbox"/>	
220.10	62.83	-58.47	Gyro	<input checked="" type="checkbox"/>	
230.10	63.09	-58.41	Gyro	<input checked="" type="checkbox"/>	
240.10	63.24	-58.36	Gyro	<input checked="" type="checkbox"/>	
250.10	63.23	-58.35	Gyro	<input checked="" type="checkbox"/>	
255.00	68.21	-58.46	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
260.10	63.34	-58.31	Gyro	<input checked="" type="checkbox"/>	
270.10	63.28	-58.20	Gyro	<input checked="" type="checkbox"/>	
280.10	63.16	-58.26	Gyro	<input checked="" type="checkbox"/>	
290.10	62.70	-58.29	Gyro	<input checked="" type="checkbox"/>	
300.00	331.09	-58.49	DeviSh ot	<input type="checkbox"/>	No good; Replaced by gyro
300.10	62.31	-58.36	Gyro	<input checked="" type="checkbox"/>	
306.00	57.90	-58.44	DeviSh ot	<input type="checkbox"/>	Replaced by gyro
310.10	62.49	-58.34	Gyro	<input checked="" type="checkbox"/>	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
0.00	28.95	Feature 1	PED67755	8.15	9.15	1.00	0.00	<0.005	-	-	-
		Type	PED67756	9.15	9.45	0.30	0.00	<0.005	-	-	-
		E0B Komatiitic_basalt	PED67757	9.45	10.50	1.05	0.00	<0.005	-	-	-
		QLF: GS1 MAS	PED67758	10.50	11.00	0.50	0.00	<0.005	-	-	-
		Basaltic Komatiite; Dark Green to Black; aphanitic-VFG; 3-5% 2-15 cm calcite veining; barren to trace sulphides; massive - becoming moderately foliated @ 40 TCA downhole grading into shearing @ 5 to 30 TCA	PED67759	11.00	11.75	0.75	0.00	<0.005	-	-	-
			PED67761	11.75	12.55	0.80	0.00	<0.005	-	-	-
		Alteration :	PED67762	12.55	13.35	0.80	0.00	<0.005	-	-	-
		Type/Intensity/Texture	PED67763	13.35	14.35	1.00	0.00	<0.005	-	-	-
		TLC 1 PRV	PED67764	14.35	15.35	1.00	0.02	0.022	-	-	-
		Structure:	PED67765	15.35	15.65	0.30	0.01	0.005	-	-	-
	10.50 - 11.00	Alpha: 30	PED67767	15.65	16.35	0.70	0.00	<0.005	-	-	-
		Beta: 0	PED67768	16.35	16.65	0.30	0.00	<0.005	-	-	-
		Type/GEN/Intensity	PED67769	16.65	17.65	1.00	0.01	0.005	-	-	-
		V1B 2	PED67770	17.65	17.95	0.30	0.01	0.006	-	-	-
	15.35 - 15.65	Alpha: 65	PED67771	17.95	18.60	0.65	0.01	0.012	-	-	-
		Beta: 0	PED67773	18.60	18.90	0.30	0.01	0.007	-	-	-
		Type/GEN/Intensity	PED67774	18.90	19.90	1.00	0.01	0.010	-	-	-
		V1B 2	PED67775	19.90	20.90	1.00	0.00	<0.005	-	-	-
	17.65 - 17.95	Alpha: 55	PED67776	20.90	21.90	1.00	0.00	<0.005	-	-	-
		Beta: 0	PED67777	21.90	22.90	1.00	0.00	<0.005	-	-	-
		Type/GEN/Intensity	PED67778	22.90	23.90	1.00	0.00	<0.005	-	-	-
		V1B 2	PED67779	23.90	25.00	1.10	0.00	<0.005	-	-	-
	18.60 - 18.90	Alpha: 65	PED67780	25.00	26.00	1.00	0.00	<0.005	-	-	-
		Beta: 0	PED67781	26.00	27.00	1.00	0.00	<0.005	-	-	-
		Type/GEN/Intensity	PED67782	27.00	28.00	1.00	0.00	<0.005	-	-	-
		V1B 2	PED67783	28.00	28.95	0.95	0.00	<0.005	-	-	-
		CA1: CA2:									
		30 30									
		CA1: CA2:									
		65 65									
		CA1: CA2:									
		55 55									
		CA1: CA2:									
		65 65									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Geochemistry				
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
28.95	35.55	Feature 1	PED67784	28.95	29.60	0.65	0.00	<0.005	-	-	
		Type	PED67786	29.60	30.60	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED67787	30.60	31.55	0.95	0.00	<0.005	-	-	
		QLF: FLT SHD DEFS	PED67789	31.55	32.55	1.00	0.00	<0.005	-	-	
		Faulted Talc; Dark Blue/Green; aphanitic; Strong S1 Shearing/Faulting sub-// to 30 TCA; Significant diskings with curvilinear slickensided fractures; moderate carb infilling // to shearing w/ wk silica infilling; LCT grading back into BK	PED67790	32.55	33.55	1.00	0.00	<0.005	-	-	
			PED67791	33.55	34.55	1.00	0.00	<0.005	-	-	
			PED67793	34.55	35.55	1.00	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									
		28.95 - 35.55									
		Alpha: 15									
		Beta: 0									
		Type/GEN/Intensity									
		SHD 3									
		CA1: 3									
		CA2: 20									
		FLT 3									
		CA1: 3									
		CA2: 20									
35.55	40.55	Feature 1	PED67794	35.55	36.55	1.00	0.00	<0.005	-	-	
		Type	PED67795	36.55	37.55	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit	PED67796	37.55	38.55	1.00	0.00	<0.005	-	-	
		QLF: GS0 FOL	PED67797	38.55	39.55	1.00	0.02	0.015	-	-	
		Talc-Altered BK; Dark Green; Aphanitic-VFG; moderate talc alteration; wk-mod fol @ 50 TCA	PED67798	39.55	40.55	1.00	0.01	0.008	-	-	
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
40.55	48.15	Feature 1	PED67799	40.55	41.55	1.00	0.01	0.006	-	-
		Type E0T Talc_rich_unit QLF: SHD CRN BRX Sheared Talc-altered BK; mod talc alteration; shearing crenulating @ ~30-40 TCA; mod carb & silica infilling along shear planes w/ wk brx texture; barren; LCT w/ I1 @ 60 TCA Alteration : TLC 2 PRV SIL 1 FF CB 2 FF Structure: 40.55 - 48.15 Alpha: 50 Beta: 0 Type/GEN/Intensity FLT 2 CA1: 45 CA2: 55 SHD 2 CA1: 45 CA2: 55	PED67800	41.55	42.55	1.00	0.00	<0.005	-	-
			PED67801	42.55	43.60	1.05	0.00	<0.005	-	-
			PED67802	43.60	44.25	0.65	0.00	<0.005	-	-
			PED67803	44.25	45.00	0.75	0.00	<0.005	-	-
			PED67805	45.00	45.65	0.65	0.00	<0.005	-	-
			PED67806	45.65	46.65	1.00	0.00	<0.005	-	-
			PED67807	46.65	47.65	1.00	0.00	<0.005	-	-
			PED67808	47.65	48.15	0.50	0.00	<0.005	-	-
48.15	49.30	Feature 1	PED67809	48.15	48.55	0.40	0.02	0.017	-	-
		Type I1 Mafic_intrusive QLF: BRX GS1 MIN Mafic Dyke; Dark Grey-Black; aphanitic-VFG; 5-6% brecciated mm-scale qtz carb stringers predominantly ~70 TCA; up to 10% Po+Py adjacent to veining in dyke material; LCT @ 50 TCA Alteration : SIL 2 VND CB 2 VND	PED67810	48.55	49.30	0.75	0.01	0.012	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Mineralization Maj. : Type/GSZ%/HABIT					Comment				
	48.15 - 48.55	PY GS1 0.5 DIS					Trace-Minor dism Po+Py within Mafic Dyke				
	48.15 - 48.55	PO GS1 0.5 DIS					Trace-Minor dism Po+Py within Mafic Dyke				
	48.55 - 49.30	PY GS1 2 DIS					Strong Po+Py minearlization assoc w/ increase in Carb veinlets @ 70 TCA within Mafic dyke				
	48.55 - 49.30	PO GS1 8 DIS					Strong Po+Py minearlization assoc w/ increase in Carb veinlets @ 70 TCA within Mafic dyke				
49.30	69.55	Feature 1	PED67812	49.30	50.00	0.70	0.00	<0.005	-	-	
		Type	PED67813	50.00	51.00	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED67814	51.00	52.00	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67815	52.00	53.00	1.00	0.00	<0.005	-	-	
		QLF: FOL GS1 FTB	PED67816	53.00	54.00	1.00	0.00	<0.005	-	-	
		Talc-Altered BK; Med-Dark Green; creamy talcose stringers; mod talc alt; aphanitic-VFG; strong S1 fabric @ 45 to 60 TCA; Mod flow top brx texture w/ mod carb & silica infilling // to flow top texture; barren; LCT grading into Sheared/Faulted Talc	PED67817	54.00	55.00	1.00	0.00	<0.005	-	-	
			PED67818	55.00	56.00	1.00	0.00	<0.005	-	-	
			PED67819	56.00	57.00	1.00	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture	PED67820	57.00	58.00	1.00	0.00	<0.005	-	-	
		SIL 1 VND	PED67821	58.00	59.00	1.00	0.00	<0.005	-	-	
		CB 2 VND	PED67823	59.00	60.00	1.00	0.00	<0.005	-	-	
		TLC 2 PRV	PED67824	60.00	61.00	1.00	0.00	<0.005	-	-	
			PED67825	61.00	62.00	1.00	0.00	<0.005	-	-	
			PED67826	62.00	63.00	1.00	0.03	0.025	-	-	
			PED67827	63.00	64.00	1.00	0.00	<0.005	-	-	
			PED67828	64.00	65.00	1.00	0.00	<0.005	-	-	
			PED67829	65.00	66.00	1.00	0.00	<0.005	-	-	
			PED67830	66.00	66.60	0.60	0.00	<0.005	-	-	



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			PED67831	66.60	67.60	1.00	0.00	<0.005	-	-	
			PED67832	67.60	68.55	0.95	0.01	0.006	-	-	
			PED67833	68.55	69.55	1.00	0.00	<0.005	-	-	
69.55	78.00	Feature 1	PED67835	69.55	70.10	0.55	0.01	0.008	-	-	
		Type	PED67836	70.10	71.10	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED67837	71.10	72.10	1.00	0.03	0.029	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67838	72.10	73.10	1.00	0.01	0.006	-	-	
		QLF: SHD GS1	PED67839	73.10	74.00	0.90	0.00	<0.005	-	-	
		Sheared Talc; Dark Blue-Grey; Aphanitic-VFG; mod-strong shearing from sub-// TCA to 45 TCA; wk-mod qtz carb veining // to shearing; common core diskling producing curvilinear slickensided fractures; LCT becoming gouged	PED67840	74.00	75.00	1.00	0.00	<0.005	-	-	
		Alteration :	PED67841	75.00	76.00	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED67842	76.00	77.00	1.00	0.00	<0.005	-	-	
		SIL 1 VND	PED67844	77.00	78.00	1.00	0.00	<0.005	-	-	
		CB 2 VND									
		TLC 3 PRV									
		Structure:									
		69.55 - 78.00 Alpha: 45 Beta: 0									
		Type/GEN/Intensity									
		FLT 2 CA1: 35 CA2: 50									
		SHD 3 35 50									
78.00	80.55	Feature 1	PED67845	78.00	79.00	1.00	0.00	<0.005	-	-	
		Type	PED67846	79.00	79.60	0.60	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED67847	79.60	80.55	0.95	0.00	<0.005	-	-	
		FLT Fault_zone <input type="checkbox"/> 0 0									
		QLF: FLT SHD DEFS									
		Major Fault Zone; Talc-altered ; interval 80% fresh gouge; zero rock strength; faulting appears to be ~80 TCA but difficult to discern. LCT gradational into sheared talc									



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		Alteration : Type/Intensity/Texture TLC 5 FF										
		Structure: 78.00 - 80.55 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: FLT 4 60 85										
80.55	87.40	Feature 1	PED67849	80.55	81.15	0.60	0.00	<0.005	-	-		
		Type Dyke % Thickness Colour Vein	PED67850	81.15	82.15	1.00	0.00	<0.005	-	-		
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED67851	82.15	83.00	0.85	0.01	0.008	-	-		
		QLF: SHD GS1 FOL	PED67852	83.00	84.00	1.00	0.00	<0.005	-	-		
		Sheared Talc; Med Blue-Grey; Aphanitic-VFG; mod-strong shearing from 45 TCA to 70 TCA; wk-mod qtz carb veining // to shearing; minor core dinking producing curvilinear slickensided fractures; LCT @ 50 TCA	PED67853	84.00	84.95	0.95	0.00	<0.005	-	-		
			PED67854	84.95	85.90	0.95	0.00	<0.005	-	-		
			PED67855	85.90	86.90	1.00	0.00	<0.005	-	-		
		Alteration : Type/Intensity/Texture TLC 2 PRV	PED67856	86.90	87.40	0.50	0.00	<0.005	-	-		
		Structure: 80.55 - 87.40 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: FLT 2 45 55 SHD 2 45 55										



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
87.40	91.00	Feature 1	PED67857	87.40	88.40	1.00	0.00	<0.005	-	-	-
		Type	PED67858	88.40	88.70	0.30	0.00	<0.005	-	-	-
		E0B Komatiitic_basalt	PED67860	88.70	89.25	0.55	0.00	<0.005	-	-	-
		QLF: GS0 FOL FTB	PED67861	89.25	90.00	0.75	0.01	0.013	-	-	-
		Basaltic Komatiite; Dark Green/Bluish; Aphanitic-VFG; mod S1 fol @ 60 TCA; wk flow top brx texture thought; LCT @ 45 TCA	PED67862	90.00	91.00	1.00	0.00	<0.005	-	-	-
		Alteration : Type/Intensity/Texture									
		TLC 1 PRV									
91.00	111.95	Feature 1	PED67863	91.00	92.00	1.00	0.00	<0.005	-	-	-
		Type	PED67864	92.00	93.00	1.00	0.01	0.010	-	-	-
		E0T Talc_rich_unit	PED67865	93.00	94.00	1.00	0.02	0.022	-	-	-
		QLF: SHD FLT GS1	PED67866	94.00	95.00	1.00	0.02	0.020	-	-	-
		Sheared Talc; Med Blue-Grey; Aphanitic-VFG; mod-strong shearing from 5 TCA to 30 TCA; wk-mod qtz carb veining // to shearing; common curvilinear slickensided fractures; LCT @ 50 TCA	PED67868	95.00	96.00	1.00	0.05	0.046	-	-	-
			PED67869	96.00	97.00	1.00	0.00	<0.005	-	-	-
			PED67870	97.00	97.90	0.90	0.00	<0.005	-	-	-
		Alteration : Type/Intensity/Texture	PED67871	97.90	98.90	1.00	0.00	<0.005	-	-	-
		SIL 1 VND	PED67872	98.90	99.90	1.00	0.00	<0.005	-	-	-
		CB 1 VND	PED67873	99.90	100.65	0.75	0.01	0.006	-	-	-
		TLC 3 PRV	PED67875	100.65	101.65	1.00	0.00	<0.005	-	-	-
		Structure:	PED67876	101.65	102.65	1.00	0.00	<0.005	-	-	-
		91.00 - 97.90 Alpha: 5 Beta: 0	PED67877	102.65	103.65	1.00	0.00	<0.005	-	-	-
		Type/GEN/Intensity CA1: CA2:	PED67878	103.65	104.60	0.95	0.01	0.006	-	-	-
		V3 2 5 10	PED67879	104.60	105.60	1.00	0.00	<0.005	-	-	-
		SHD 3 3 25	PED67881	105.60	106.50	0.90	0.01	0.014	-	-	-



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	101.65 - 111.95	Alpha: 5 Type/GEN/Intensity FLT 2	Beta: 0 CA1: CA2: 2 10				PED67882	106.50	107.50	1.00	0.01	0.006	-	-		
							PED67883	107.50	108.50	1.00	0.01	0.006	-	-		
							PED67884	108.50	109.35	0.85	0.00	<0.005	-	-		
							PED67885	109.35	110.20	0.85	0.00	<0.005	-	-		
							PED67886	110.20	111.20	1.00	0.00	<0.005	-	-		
							PED67887	111.20	111.95	0.75	0.00	<0.005	-	-		
111.95	120.35	Feature 1						PED67889	111.95	112.95	1.00	0.00	<0.005	-	-	
		Type	Dyke	%	Thickness	Colour	Vein									
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0				PED67890	112.95	113.65	0.70	0.00	<0.005	-	-
		QLF: GS0 FOL							PED67891	113.65	114.65	1.00	0.00	<0.005	-	-
		Basaltic Komatiite; Med-Dark green; aphanitic-VFG; mod talc alteration; mod foliation; LCT broken up/re-drilled							PED67892	114.65	114.95	0.30	0.00	<0.005	-	-
									PED67893	114.95	115.90	0.95	0.00	<0.005	-	-
									PED67894	115.90	116.85	0.95	0.62	0.621	-	-
		Alteration :	Type/Intensity/Texture													
			TLC	1	PRV											
120.35	151.00	Feature 1						PED67895	150.00	151.00	1.00	0.00	<0.005	-	-	
		Type	Dyke	%	Thickness	Colour	Vein									
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0											
		QLF: FTB GS1 FOL														
		Talc; Dark Green/blue; aphanitic-VFG; moderate flow-top brx texture w/ creamy talcose alteration commonly assoc w brx infilling; mod qtz carb infilling assoc w/ brx texture; barren														
		Alteration :	Type/Intensity/Texture													
			AMP													
			CB	1	PCH											
			TLC	2	PRV											



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
151.00	200.00	Feature 1	PED67896	151.00	152.00	1.00	0.00	<0.005	-	-	-
		Type	PED67897	152.00	153.00	1.00	0.00	<0.005	-	-	-
		FLT Fault_zone	PED67899	153.00	154.00	1.00	0.00	<0.005	-	-	-
		QLF: FLT DEFS SHD	PED67900	154.00	155.00	1.00	0.00	<0.005	-	-	-
		Faulted Talc; Poor ground conditions; strong shearing/faulting @ 5 to 20 TCA creating common slickensided curvilinear fractures; Modeate qtz carb infilling // to faulting; faulting dissipates down hole from 197-200 m; becoming chilled overlying I3 contact @ 10 TCA	PED67901	155.00	155.60	0.60	0.01	0.005	-	-	-
			PED67902	155.60	156.35	0.75	0.00	<0.005	-	-	-
			PED67903	156.35	157.10	0.75	0.00	<0.005	-	-	-
		Alteration :	PED67904	157.10	158.00	0.90	0.00	<0.005	-	-	-
		Type/Intensity/Texture	PED67905	158.00	159.00	1.00	0.00	<0.005	-	-	-
		SIL 1 VND	PED67907	159.00	160.00	1.00	0.01	0.006	-	-	-
		CB 2 VND	PED67908	160.00	161.00	1.00	0.00	<0.005	-	-	-
		TLC 3 PRV	PED67909	161.00	162.00	1.00	0.01	0.008	-	-	-
		Structure:	PED67910	162.00	163.00	1.00	0.01	0.005	-	-	-
	151.00 - 200.00	Alpha: 15 Beta: 0	PED67911	163.00	164.00	1.00	0.01	0.006	-	-	-
		Type/GEN/Intensity	PED67912	164.00	165.00	1.00	0.01	0.009	-	-	-
		FLT 2 CA1: 3 CA2: 25	PED67913	165.00	166.00	1.00	0.00	<0.005	-	-	-
		FLT 3 3 25	PED67914	166.00	167.00	1.00	0.00	<0.005	-	-	-
			PED67916	167.00	168.00	1.00	0.01	0.005	-	-	-
			PED67917	168.00	169.00	1.00	0.01	0.007	-	-	-
			PED67918	169.00	170.00	1.00	0.00	<0.005	-	-	-
			PED67919	170.00	171.00	1.00	0.01	0.006	-	-	-
			PED67920	171.00	172.00	1.00	0.00	<0.005	-	-	-
			PED67922	172.00	173.00	1.00	0.00	<0.005	-	-	-
			PED67923	173.00	174.00	1.00	0.00	<0.005	-	-	-
			PED67924	174.00	175.00	1.00	0.00	<0.005	-	-	-



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Hole Number 305-17-31

Project: PHOENIX

Project Number: 2

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED67925	175.00	176.00	1.00	0.00	<0.005	-	-	
			PED67926	176.00	177.00	1.00	0.00	<0.005	-	-	
			PED67927	177.00	178.00	1.00	0.00	<0.005	-	-	
			PED67928	178.00	179.00	1.00	0.00	<0.005	-	-	
			PED67930	179.00	180.00	1.00	0.00	<0.005	-	-	
			PED67931	180.00	180.80	0.80	0.00	<0.005	-	-	
			PED67932	180.80	181.55	0.75	0.01	0.012	-	-	
			PED67933	181.55	182.00	0.45	0.05	0.047	-	-	
			PED67934	182.00	183.00	1.00	0.00	<0.005	-	-	
			PED67935	183.00	184.10	1.10	0.02	0.019	-	-	
			PED67936	184.10	184.85	0.75	0.00	<0.005	-	-	
			PED67937	184.85	185.65	0.80	0.01	0.013	-	-	
			PED67939	185.65	186.00	0.35	0.00	<0.005	-	-	
			PED67940	186.00	187.00	1.00	0.03	0.033	-	-	
			PED67941	187.00	187.70	0.70	0.02	0.020	-	-	
			PED67943	187.70	188.50	0.80	0.13	0.130	-	-	
			PED67944	188.50	189.10	0.60	0.12	0.122	-	-	
			PED67945	189.10	190.00	0.90	0.01	0.006	-	-	
			PED67946	190.00	191.00	1.00	0.00	<0.005	-	-	
			PED67947	191.00	192.00	1.00	0.01	0.012	-	-	
			PED67948	192.00	193.00	1.00	0.00	<0.005	-	-	
			PED67949	193.00	193.50	0.50	0.01	0.012	-	-	
			PED67950	193.50	194.90	1.40	0.01	0.009	-	-	
			PED67951	194.90	196.00	1.10	0.04	0.042	-	-	
			PED67952	196.00	196.90	0.90	0.01	0.005	-	-	
			PED67953	196.90	197.70	0.80	0.04	0.040	-	-	
			PED67954	197.70	198.50	0.80	0.01	0.007	-	-	



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Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)																				
			PED67955	198.50	198.85	0.35	0.00	<0.005	-	-																					
			PED67957	198.85	199.65	0.80	0.09	0.087	-	-																					
			PED67958	199.65	200.00	0.35	1.95	1.950	-	-																					
200.00	201.30	Feature 1	PED67959	200.00	200.55	0.55	0.40	0.403	-	-																					
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;">□</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: GSO ALT</p> <p>Felsic Dyke; Dark Grey; aphanitic-VFG; mod-strong green chl-altered flecks throughout; common veinlets and fractures @ multiple orientations; wk fol @ 35 TCA barren to trace sulphides; LCT gradational</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CHL 2 PRV</td> <td></td> </tr> <tr> <td>BIO 2 PRV</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	□	0	0			Type/Intensity/Texture		CHL 2 PRV		BIO 2 PRV		PED67960	200.55	201.30	0.75	0.26	0.260	-	-			
Type	Dyke	%	Thickness	Colour	Vein																										
I3 Felsic_intrusive	□	0	0																												
Type/Intensity/Texture																															
CHL 2 PRV																															
BIO 2 PRV																															
201.30	203.90	Feature 1	PED67961	201.30	202.00	0.70	0.20	0.197	-	-																					
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">60</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: ALT SHD BRX</p> <p>Intermixed BK with Felsic Dyke; Lt-Dark Green; Med-Dark Grey; strongly silicified and chl-altered BK mixed with fragments of Dark Grey felsic dyke w/ black biotite-lined contacts sub-// TCA; brecciated silica flooding of E0B assoc w/ med-brown biotite alteration; LCT @ 10 TCA</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>BIO 2 PRV</td> <td></td> </tr> <tr> <td>SIL 2 PRV</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	□	60	0			Type/Intensity/Texture		BIO 2 PRV		SIL 2 PRV		CHL 3 PRV		PED67962	202.00	202.75	0.75	0.86	0.859	-	-	
Type	Dyke	%	Thickness	Colour	Vein																										
E0B Komatiitic_basalt	□	60	0																												
Type/Intensity/Texture																															
BIO 2 PRV																															
SIL 2 PRV																															
CHL 3 PRV																															
			PED67963	202.75	203.60	0.85	0.90	0.895	-	-																					
			PED67964	203.60	203.90	0.30	0.63	0.634	-	-																					



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Feature 2:											
		Type									
		Dyke	%	Thickness	Colour	Vein					
		I3 Felsic_intrusive	□	40		0					
		QLF: ALT SHD BRX									
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		CHL 2 PRV									
203.90	229.45	Feature 1									
		Type									
		Dyke	%	Thickness	Colour	Vein					
		I3 Felsic_intrusive	□	0		0					
		QLF: GS1 ALT									
		Felsic Dyke; Light-Dark Grey; locally pinkish; aphanitic-VFG; wk-mod Chl alteration of Bio within silicious groundmass; 1% mm-cm scale smokey qtz veinlets predominantly from 203.9-207.7 m; 2 cm smokey qtz vein @ 15 TCA from 217.65-218.05 (barren); localize chl-lined fractures @ multiple orientations throughout; barren to trace sulphides; LCT @ 65 TCA									
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 PRV									
		BIO 1 PRV									
		Structure:									
		203.90 - 205.05	Alpha: 10	Beta: 0							
			Type/GEN/Intensity		CA1:	CA2:					
			V2 2		5	15					
		217.65 - 218.05	Alpha: 15	Beta: 0							
			Type/GEN/Intensity		CA1:	CA2:					
			V2 2		10	15					
		PED67965	203.90	204.45	0.55	0.23	0.234	-	-		
		PED67966	204.45	205.05	0.60	0.17	0.165	-	-		
		PED67968	205.05	205.35	0.30	0.17	0.165	-	-		
		PED67969	205.35	206.30	0.95	0.37	0.373	-	-		
		PED67970	206.30	207.30	1.00	0.69	0.691	-	-		
		PED67971	207.30	207.70	0.40	0.30	0.297	-	-		
		PED67972	207.70	208.70	1.00	0.11	0.114	-	-		
		PED67973	208.70	209.60	0.90	0.03	0.034	-	-		
		PED67975	209.60	210.50	0.90	0.12	0.119	-	-		
		PED67976	210.50	211.25	0.75	0.18	0.178	-	-		
		PED67977	211.25	211.90	0.65	0.08	0.084	-	-		
		PED67978	211.90	212.90	1.00	0.05	0.046	-	-		
		PED67979	212.90	213.55	0.65	0.12	0.115	-	-		
		PED67980	213.55	214.25	0.70	0.07	0.068	-	-		
		PED67982	214.25	215.30	1.05	0.10	0.101	-	-		
		PED67983	215.30	216.00	0.70	0.05	0.048	-	-		
		PED67984	216.00	216.85	0.85	0.01	0.008	-	-		
		PED67985	216.85	217.65	0.80	0.03	0.034	-	-		



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED67986	217.65	218.05	0.40	0.05	0.054	-	-	
			PED67988	218.05	218.90	0.85	0.44	0.442	-	-	
			PED67989	218.90	219.75	0.85	0.12	0.116	-	-	
			PED67990	219.75	220.35	0.60	0.03	0.031	-	-	
			PED67991	220.35	221.15	0.80	0.11	0.110	-	-	
			PED67993	221.15	222.10	0.95	0.17	0.172	-	-	
			PED67994	222.10	222.90	0.80	0.25	0.247	-	-	
			PED67995	222.90	223.25	0.35	0.20	0.204	-	-	
			PED67996	223.25	224.05	0.80	0.26	0.257	-	-	
			PED67997	224.05	225.00	0.95	0.11	0.107	-	-	
			PED67998	225.00	225.80	0.80	0.49	0.486	-	-	
			PED67999	225.80	226.80	1.00	0.55	0.550	-	-	
			PED68000	226.80	227.45	0.65	0.27	0.266	-	-	
			PED69501	227.45	228.40	0.95	0.17	0.165	-	-	
			PED69502	228.40	229.45	1.05	0.09	0.086	-	-	
229.45	233.80	Feature 1	PED69503	229.45	230.15	0.70	0.41	0.408	-	-	
		Type	PED69504	230.15	230.60	0.45	0.35	0.351	-	-	
		Dyke % Thickness Colour Vein	PED69505	230.60	231.65	1.05	0.10	0.096	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0	PED69507	231.65	232.25	0.60	0.29	0.287	-	-	
		QLF: FOL BAN GS1	PED69508	232.25	233.20	0.95	0.41	0.411	-	-	
		Basaltic Komatiite; Med green; VFG; very strong foliation @ 40 TCA; 3% 1-3 cm smokey qtz carb veins // to S1; barren LCT @ 40 TCA	PED69509	233.20	233.80	0.60	0.09	0.087	-	-	
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 VND									
		CB 1 VND									
		CHL 2 PRV									



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Project Number: 2

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
233.80	241.25	Feature 1	PED69510	233.80	234.70	0.90	0.06	0.064	-	-	
		Type	PED69511	234.70	235.40	0.70	0.07	0.067	-	-	
		E1H High_titanium_basalt	PED69512	235.40	236.10	0.70	0.07	0.072	-	-	
		QLF: GS1 MAS	PED69513	236.10	236.80	0.70	0.02	0.024	-	-	
		Hi Ti Basalt; Dark Brown/Black; Aphanitic-VFG; Mostly Massive; wk fol @ 50 TCA; 2% mm-scale qtz carb veinlets @ multiple orientations; 2.5% Py/Po in whisps assoc w/ veinlets and fracturing; LCT sheared @ 30 TCA	PED69514	236.80	237.45	0.65	0.03	0.028	-	-	
			PED69516	237.45	238.00	0.55	0.07	0.069	-	-	
			PED69517	238.00	239.00	1.00	0.01	0.014	-	-	
		Alteration :	PED69518	239.00	239.55	0.55	0.01	0.009	-	-	
		Type/Intensity/Texture	PED69519	239.55	240.50	0.95	0.04	0.042	-	-	
		BIO 2 PRV	PED69520	240.50	241.25	0.75	0.02	0.021	-	-	
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		233.80 - PY GS1 1 THD									
		241.25									
		233.80 - PO GS1 1 THD									
		241.25									
		Comment									
		Rare threads/fracture infills of VFG Po/Py									
		Rare threads/fracture infills of VFG Po/Py									
241.25	245.45	Feature 1	PED69522	241.25	242.25	1.00	0.01	0.009	-	-	
		Type	PED69523	242.25	243.25	1.00	0.01	0.006	-	-	
		E0T Talc_rich_unit	PED69524	243.25	244.35	1.10	0.02	0.015	-	-	
		QLF: GS0 FOL SHD	PED69525	244.35	245.45	1.10	0.02	0.021	-	-	
		Talc-Altered BK; med green; creamy talcose stringers; aphanitic-VFG; strong fol grading to shearing @ 45 TCA; 2 % mm-scale qtz veining // to Fol; LCT @ 40 TCA									
		Alteration :									
		Type/Intensity/Texture									
		CB 1 VND									
		TLC 2 PRV									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
245.45	246.65	Feature 1	PED69526	245.45	246.10	0.65	0.25	0.247	-	-	
		Type V2S Quartz_vein_with_sulphides QLF: MIN PLA DEF Quartz vein in Hi Ti; 60% smokey qtz and qtz carb veining w/ qtz replacement of colloform texture @ 30 TCA w/ strong sulphide mineralization; 6-8% sulphides throughout locally concentrated up to 20% within/adjacent to vein contacts; LCT defined by downhole contact @ 40 TCA leading into E1H	PED69528	246.10	246.65	0.55	3.16	3.160	-	-	
		Dyke % Thickness Colour Vein <input type="checkbox"/> 60 0									
		Alteration : Type/Intensity/Texture BIO 2 LOC SIL 3 VND									
		Structure: 245.45 - 246.65 Alpha: 35 Beta: 0 Type/GEN/Intensity CA1: CA2: V2S 3 30 40									
		Mineralization Maj. : Type/GSZ%/HABIT 245.45 - 246.55 PY GS1 1 DIS 245.45 - 246.55 PO GS1 6 BLB	Comment Blebs of dism Po/Py within & adjacent to smokey qtz vein @ E0B/E1H contact; strongest mineralization in 5-7 cm uphole from vein contact Blebs of dism Po/Py within & adjacent to smokey qtz vein @ E0B/E1H contact; strongest mineralization in 5-7 cm uphole from vein contact								
		Feature 2: Type Dyke % Thickness Colour Vein E1H High_titanium_basalt <input type="checkbox"/> 40 0									
		QLF: MIN PLA DEF Alteration : Type/Intensity/Texture BIO 2 VND									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
246.65	274.25	Feature 1	PED69529	246.65	247.50	0.85	0.09	0.087	-	-	
		Type	PED69530	247.50	248.10	0.60	0.16	0.161	-	-	
		Dyke % Thickness Colour Vein	PED69531	248.10	248.75	0.65	0.02	0.024	-	-	
		E1H High_titanium_basalt □ 0 0	PED69532	248.75	249.40	0.65	0.09	0.086	-	-	
		QLF: GS1 FOL MAS	PED69533	249.40	250.40	1.00	0.11	0.111	-	-	
		Hi Ti; Dark Brown; becoming greenish; Aphanitic-VFG; 2-3% mm-scale qtz carb veinlets @ multiple orientations; mostly massive; wk-mod chl alteration 264-270.35 m; increase in brx texture and associated smokey qtz veining & sulphide mineralization from 270.35-274.25 m; LCT with V2S @ 20 TCA	PED69535	250.40	250.95	0.55	0.07	0.070	-	-	
			PED69536	250.95	251.65	0.70	0.03	0.026	-	-	
		Alteration :	PED69537	251.65	252.45	0.80	0.04	0.035	-	-	
		Type/Intensity/Texture	PED69538	252.45	253.25	0.80	0.01	0.013	-	-	
		CHL 2 LOC	PED69539	253.25	253.90	0.65	0.02	0.015	-	-	
		BIO 2 PRV	PED69540	253.90	254.90	1.00	0.03	0.026	-	-	
		Structure:	PED69541	254.90	255.60	0.70	0.05	0.051	-	-	
		270.35 - 271.55 Alpha: 25 Beta: 0	PED69543	255.60	256.55	0.95	0.08	0.075	-	-	
		Type/GEN/Intensity CA1: CA2:	PED69544	256.55	257.15	0.60	0.01	0.009	-	-	
		V2S 2 15 30	PED69545	257.15	257.90	0.75	0.03	0.029	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT Comment	PED69546	257.90	258.45	0.55	0.02	0.018	-	-	
		246.55 - 265.55 PY GS1 0.4 DIS Trace dism sulphides in aphanitic E1H	PED69547	258.45	259.10	0.65	0.25	0.251	-	-	
		246.55 - 265.55 PO GS1 0.6 DIS Trace dism sulphides in aphanitic E1H	PED69548	259.10	260.00	0.90	0.05	0.051	-	-	
		270.35 - 271.55 PY GS1 2 DIS 40% Brecciated smokey qtz veinlets from 7-30 mm; strong imbrication @ 25 TCA; 8-10% Po/Py within & directly adjacent to vein contacts	PED69549	260.00	261.00	1.00	0.08	0.083	-	-	
			PED69550	261.00	261.55	0.55	0.26	0.258	-	-	
			PED69551	261.55	262.55	1.00	0.11	0.114	-	-	
		270.35 - 271.55 PO GS1 8 DIS 40% Brecciated smokey qtz veinlets from 7-30 mm; strong imbrication @ 25 TCA; 8-10% Po/Py within & directly adjacent to vein contacts	PED69552	262.55	263.25	0.70	0.06	0.056	-	-	
			PED69553	263.25	264.00	0.75	0.04	0.042	-	-	
			PED69554	264.00	264.80	0.80	0.05	0.048	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>				<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	271.55 - 274.25	PY	GS1	2	THD									
		Threads of dism sulphides in E1H; commnly infilling fractures & adjacent to background veinlets				PED69555	264.80	265.55	0.75	0.05	0.053	-	-	
						PED69556	265.55	266.40	0.85	0.04	0.041	-	-	
	271.55 - 274.25	PO	GS1	6	THD									
		Threads of dism sulphides in E1H; commnly infilling fractures & adjacent to background veinlets				PED69557	266.40	267.25	0.85	0.02	0.015	-	-	
						PED69558	267.25	267.80	0.55	0.01	0.007	-	-	
						PED69559	267.80	268.10	0.30	0.09	0.087	-	-	
						PED69560	268.10	269.00	0.90	0.07	0.066	-	-	
						PED69561	269.00	269.50	0.50	0.03	0.032	-	-	
						PED69563	269.50	270.35	0.85	0.09	0.090	-	-	
						PED69564	270.35	270.85	0.50	0.97	0.967	-	-	
						PED69565	270.85	271.55	0.70	0.52	0.521	-	-	
						PED69567	271.55	272.00	0.45	0.17	0.169	-	-	
						PED69568	272.00	272.90	0.90	0.65	0.653	-	-	
						PED69569	272.90	273.55	0.65	1.03	1.030	-	-	
						PED69570	273.55	274.25	0.70	2.36	2.360	-	-	
274.25	275.05	Feature 1				PED69572	274.25	275.05	0.80	0.59	0.592	-	-	
		Type	Dyke	%	Thickness	Colour	Vein							
		V2S	Quartz_vein_with_sulphides	<input type="checkbox"/>	0	0								
		QLF: PLA DEF MIN												
		Smokey Qtz vein; 0.7 m qtz vein defining contact between E1H @ E0T; 1-2% cubi Po/Py within vein material; wk brecciated texture; trace-rare fragments of host rock; // contacts @ 15 TCA												
		Alteration : Type/Intensity/Texture												
		SIL 4 VND												
		Structure:												
		274.25 - 275.05	Alpha: 20	Beta: 0										
			Type/GEN/Intensity	CA1:	CA2:									
			V2S 3	15	25									
		Mineralization Maj. : Type/GSZ%/HABIT Comment												



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)		
	274.25 - 275.05	PY	GS1	0.4	CRX	Trace cubic Po/Py within smokey qtz vein @ E1H/E0T contact											
	274.25 - 275.05	PO	GS1	0.8	CRX	Trace cubic Po/Py within smokey qtz vein @ E1H/E0T contact											
275.05	291.95	Feature 1					PED69573	275.05	276.00	0.95	0.14	0.138	-	-			
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>		PED69574	276.00	277.00	1.00	0.09	0.085	-	-
		E0T	<i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0				PED69575	277.00	278.00	1.00	0.03	0.025	-	-
		QLF:					PED69576	278.00	278.75	0.75	0.01	0.006	-	-			
		Sheared Talc; Med-Dark Green/Blue; creamy talcose stringers // to strong S1 Fabric/shearing @ 50 TCA; moderate qtz-carb veining // to S1; barren; LCT chilled from 288.6-291.95					PED69577	278.75	279.25	0.50	0.02	0.019	-	-			
		Alteration :	<i>Type/Intensity/Texture</i>			PED69578	279.25	279.90	0.65	0.15	0.148	-	-				
			AMP			PED69579	279.90	280.90	1.00	0.09	0.091	-	-				
			SIL			PED69580	280.90	281.90	1.00	0.00	<0.005	-	-				
			BIO			PED69581	281.90	282.90	1.00	0.00	<0.005	-	-				
		Structure:				PED69582	282.90	283.90	1.00	0.00	<0.005	-	-				
	275.05 - 291.95	Alpha: 50		Beta: 0		PED69583	283.90	284.75	0.85	0.03	0.034	-	-				
		<i>Type/GEN/Intensity</i>		<i>CA1:</i>	<i>CA2:</i>	PED69585	284.75	285.45	0.70	0.06	0.059	-	-				
		V3 2		45	55	PED69586	285.45	285.80	0.35	0.02	0.022	-	-				
		SHD 3		45	55	PED69587	285.80	286.90	1.10	0.00	<0.005	-	-				
						PED69588	286.90	287.90	1.00	0.02	0.023	-	-				
						PED69589	287.90	288.60	0.70	0.04	0.039	-	-				
						PED69591	288.60	289.00	0.40	0.03	0.026	-	-				
						PED69592	289.00	290.00	1.00	0.30	0.299	-	-				
						PED69593	290.00	291.00	1.00	1.62	1.620	-	-				
						PED69594	291.00	291.95	0.95	0.32	0.320	-	-				



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
291.95	298.75	Feature 1	PED69595	291.95	292.45	0.50	1.75	1.750	-	-
		Type	PED69596	292.45	293.00	0.55	9.57	>10.000	9.57	-
		E1H High_titanium_basalt	PED69598	293.00	293.70	0.70	2.07	2.070	-	-
		QLF:	PED69600	293.70	294.05	0.35	3.36	3.360	-	-
		Hi Ti Bastal; Dark Brown; aphanitic-VFG; multiple well mineralized V2_BX intervals with interstitial background veining/5-7%mineralization // to mod-strong Fol @ 40 TCA; LCT @ 25 TCA	PED69601	294.05	294.65	0.60	4.25	4.250	-	-
		Visible Gold :	PED69602	294.65	295.10	0.45	1.57	1.570	-	-
		SampleID/Grainsize/Style	PED69604	295.10	295.75	0.65	0.30	0.300	-	-
		PED69598 1-2mm Smear	PED69605	295.75	296.15	0.40	2.69	2.690	-	-
		Alteration :	PED69606	296.15	296.95	0.80	7.35	7.350	-	-
		Type/Intensity/Texture	PED69608	296.95	297.35	0.40	2.19	2.190	-	-
		AMP	PED69609	297.35	298.35	1.00	0.06	0.056	-	-
		SIL	PED69610	298.35	298.75	0.40	2.42	2.420	-	-
		BIO								
		Structure:								
		292.45 - 293.00								
		Alpha: 35								
		Beta: 0								
		Type/GEN/Intensity								
		V2_BX 3								
		CA1: CA2:								
		30 40								
		294.05 - 295.10								
		Alpha: 30								
		Beta: 0								
		Type/GEN/Intensity								
		V2_BX 3								
		CA1: CA2:								
		25 30								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		291.95 - 292.45								
		PY GS1 3 SPK								
		291.95 - 292.45								
		PO GS1 7 SPK								
		292.45 - 293.00								
		PO GS1 2 THD								
		292.45 - 293.00								
		PY GS1 2 THD								
		293.00 - 294.05								
		PY GS1 3								
		Comment								
		Po/Py flecks in E1H assoc w background brx; mineralization // to imbrication @ 40 TCA								
		Po/Py flecks in E1H assoc w background brx; mineralization // to imbrication @ 40 TCA								
		Dism sulphides concentrated in threads at contacts of V2_BX; no VG noted								
		Dism sulphides concentrated in threads at contacts of V2_BX; no VG noted								
		Po/Py flecks in E1H assoc w background brx; mineralization // to imbrication @ 40 TCA								



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)					<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	293.00 - 294.05	PO	GS1	5	THD	Po/Py flecks in E1H assoc w background brx; mineralization // to imbrication @ 40 TCA										
	294.05 - 295.10	PY	GS1	1	DIS	Brecciated Qtz vein w/ minor fragmental texture within E1H; 3-4% Po/Py; mostly concentrated at downhole contact; secondary qtz veining/flooding sub-// TCA; No VG noted; but nice looking vein regardless										
	294.05 - 295.10	PO	GS1	2	DIS	Brecciated Qtz vein w/ minor fragmental texture within E1H; 3-4% Po/Py; mostly concentrated at downhole contact; secondary qtz veining/flooding sub-// TCA; No VG noted; but nice looking vein regardless										
	295.10 - 295.75	PY	GS1	2	DIS	Minor dism sulphides assoc w trace background veining in E1H										
	295.10 - 295.75	PO	GS1	2	DIS	Minor dism sulphides assoc w trace background veining in E1H										
	295.75 - 296.95	PY	GS1	3	DIS	Strong dism sulphide mineralization in E1H; proximal to background v2a veinlets in E1H										
	295.75 - 296.95	PO	GS1	9	DIS	Strong dism sulphide mineralization in E1H; proximal to background v2a veinlets in E1H										
	296.95 - 298.75	PY	GS1	0.5	DIS	Trace sulphides dissipating downhole in E1H										
	296.95 - 298.75	PO	GS1	1	DIS	Trace sulphides dissipating downhole in E1H										
298.75	302.55	Feature 1					PED69611	298.75	299.25	0.50	0.61	0.611	-	-		
		<i>Type</i>		<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>								
		E1H	<i>High_titanium_basalt</i>	<input type="checkbox"/>	60	0			PED69612	299.25	300.00	0.75	0.21	0.211	-	-
		QLF: BRK ALT SHD					PED69613	300.00	300.50	0.50	0.45	0.449	-	-		
		Intermixed E1H/E0B; Mottled Green and brown; aphanitic-VFG; moderate Brx texture throughout w/ up to 15% qtz flooding and veinlets assoc w increase in Bio alteration; 3-5% dism sulphides throughout; commonly assoc w silica replacement; moderately sheared; LCT @ 35 TCA					PED69614	300.50	301.35	0.85	0.23	0.227	-	-		
							PED69616	301.35	301.85	0.50	0.04	0.035	-	-		
							PED69617	301.85	302.55	0.70	0.12	0.118	-	-		



LITHOLOGY REPORT

- Detailed -

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
		Alteration : Type/Intensity/Texture SIL 2 VND CHL 2 LOC BIO 3 LOC Structure: 298.75 - 302.55 Alpha: 35 Beta: 0 Type/GEN/Intensity CA1: CA2: V2 1 30 40 SHD 2 30 40 Feature 2: <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">40</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: BRK ALT SHD Alteration : Type/Intensity/Texture CHL 2 PRV	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	40	0											
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	<input type="checkbox"/>	40	0																				
302.55	304.75	Feature 1 <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: SHD GS1 BAN Sheared Basaltic Komatiite; Med green; VFG; strong fol grading to shearing @ 40 TCA; wk talc alteration; LCT @ 60 TCA Alteration : Type/Intensity/Texture TLC 1 PRV	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED69618	302.55	303.15	0.60	0.51	0.514	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																				
			PED69619	303.15	304.15	1.00	0.60	0.597	-	-													
			PED69620	304.15	304.75	0.60	0.96	0.960	-	-													



LITHOLOGY REPORT

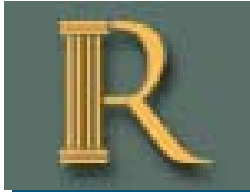
- Detailed -

Hole Number **305-17-31**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
304.75	310.75	Feature 1	PED69621	304.75	305.75	1.00	0.06	0.055	-	-		
		Type	PED69622	305.75	306.75	1.00	0.13	0.125	-	-		
		Dyke % Thickness Colour Vein	PED69623	306.75	307.75	1.00	0.04	0.041	-	-		
		I1A Gabbro □ 0 0	PED69624	307.75	308.75	1.00	0.02	0.019	-	-		
		QLF: GS1 MAS	PED69625	308.75	309.75	1.00	0.03	0.033	-	-		
		Gabbro; Dark Green/Brown; aphanitic-VFG; chilled contacts showing strongest gabbroic texture near centre of interval; 2% qtz carb veinlets @ multiple orientations concentrated near contacts; barren; LCT @ 65 TCA	PED69626	309.75	310.75	1.00	0.02	0.023	-	-		
		Alteration : Type/Intensity/Texture										
		BIO 2 PRV										
310.75	321.00	Feature 1	PED69627	310.75	311.75	1.00	0.00	<0.005	-	-		
		Type	PED69628	311.75	312.75	1.00	0.00	<0.005	-	-		
		Dyke % Thickness Colour Vein	PED69629	312.75	313.75	1.00	0.00	<0.005	-	-		
		E0T Talc_rich_unit □ 0 0	PED69631	313.75	314.75	1.00	0.00	<0.005	-	-		
		QLF: SHD BAN	PED69632	314.75	315.75	1.00	0.00	<0.005	-	-		
		Sheared Talc; Dark Green/Blue; creamy talcose stringers; strong S1 Fol becoming locally sheared @ 35 TCA; moderate qtz carb veinlets // to S1; EOH @ 321 m	PED69633	315.75	316.25	0.50	1.00	1.000	-	-		
		Alteration : Type/Intensity/Texture	PED69635	316.25	316.90	0.65	0.02	0.022	-	-		
		SIL 1 VND	PED69636	316.90	318.05	1.15	0.01	0.012	-	-		
		CB 2 VND	PED69637	318.05	319.05	1.00	0.04	0.043	-	-		
		TLC 3 PRV	PED69638	319.05	319.70	0.65	0.06	0.061	-	-		
		Structure:	PED69639	319.70	320.10	0.40	0.20	0.196	-	-		
		319.70 - 320.45 Alpha: 20 Beta: 0	PED69641	320.10	320.45	0.35	0.08	0.078	-	-		
			PED69642	320.45	321.00	0.55	0.10	0.097	-	-		



DRILL HOLE REPORT

Hole Number **610L-17-01**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 106.39	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysege
Dip: -6.41	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 549	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 16-May-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 22-May-17				Surveyed: yes
Logged: 21-Jun-17				Surveyed by: Mark Cottrell
Comment: NOT oriented				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10041.215	East: 448147.78	Left in hole:
		North: 49930.375	North: 5663884.47	Making water: no
		Elev.: 4762.668	Elev.: -237.33	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	106.39	-6.41	C	<input checked="" type="checkbox"/>	
15.00	104.48	-7.13	DeviSh ot	<input checked="" type="checkbox"/>	
99.00	104.20	-7.40	DeviSh ot	<input checked="" type="checkbox"/>	
149.00	106.40	-7.00	DeviSh ot	<input checked="" type="checkbox"/>	
199.00	108.70	-6.80	DeviSh ot	<input checked="" type="checkbox"/>	
249.00	111.34	-7.40	DeviSh ot	<input type="checkbox"/>	Suspect Az. Removed
299.00	109.46	-8.32	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
349.00	110.10	-7.60	DeviSh ot	<input checked="" type="checkbox"/>	
399.00	111.00	-6.60	DeviSh ot	<input checked="" type="checkbox"/>	
449.00	106.62	-5.89	DeviSh ot	<input type="checkbox"/>	Suspect Az. Removed
499.00	113.90	-4.89	DeviSh ot	<input checked="" type="checkbox"/>	
549.00	116.00	-4.45	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

0.00 302.75 **Feature 1**

PED33815 301.75 302.75 1.00

0.00 <0.005 - -

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	☐	0	0	GNM	S

QLF: ALT MAS BRX

Komatiitic Basalt: Fine grained, dark greenish-grey colour, locally massive to rubbly breccia texture (flow top breccia) parallel to foliation fabric from 30-70 tca, slickensided curvilinear fracturing and flow textures prevalent; strong pervasive bi+chl alteration with patchy talc altered zones; fracture filling, veining consist of 3-4% fragmented/boudinaged/ folded qtz-carb stringers (with zones of less prominence down to 2-3 veins/m), local strong planar fracturing (6-10/m with local fault/gouge zones) @ 30-65 tca; chl-talc fracture infill often with slickensides and blebed Po, local sections of badly broken/ washed out core from 29.3 - 33 m; 34 - 36 m; fault zones from: 45 - 83m; 96.5 - 100.3 m; 122.5 - 123 m; 126.7 - 127.3m, 144 - 146m; 153 - 155m; 156 - 165m; 167.8 - 170.4m; 171- 174m; 175.3 - 177.2; 184.8 - 188; 191.3 - 192.3m; 218.8 - 222.5m; 266.2 - 270.8m; possible mafic intrusion from 127.9 - 128.3m (very strong bi alt?), minor local patchy sulphide mineralization (up to 3% dissem po>py), sharp contact with felsic intrusive at 302.75 @ 45 tca

Alteration : **Type/Intensity/Texture**

BIO 3 PRV

TLC 3 PCH

CHL 3 PRV

Structure:

29.30 - 33.00	Alpha:	Beta: 0			
	Type/GEN/Intensity	CA1:	CA2:		
	FLT 4	60	70		
34.00 - 36.00	Alpha: 60	Beta: 0			
	Type/GEN/Intensity	CA1:	CA2:		
	FLT5				
	FLT 4	60	70		
45.00 - 83.00	Alpha: 50	Beta: 0			
	Type/GEN/Intensity	CA1:	CA2:		
	FLT5				
	FLT 3	30	65		



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Hole Number **610L-17-01**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	96.50 - 100.30	Alpha: 55 Type/GEN/Intensity FLT5 FLT 3								
		Beta: 0 CA1: CA2: 40 70								
	122.50 - 123.00	Alpha: 50 Type/GEN/Intensity FLT								
		Beta: 0 CA1: CA2: 40 60								
	126.70 - 127.30	Alpha: 25 Type/GEN/Intensity SHD 3 FLT 3								
		Beta: 0 CA1: CA2: 20 30 20 30								
	144.00 - 146.00	Alpha: 50 Type/GEN/Intensity FLT 3								
		Beta: 0 CA1: CA2: 30 70								
	153.00 - 155.00	Alpha: 35 Type/GEN/Intensity FLT								
		Beta: 0 CA1: CA2: 10 60								
	156.00 - 165.00	Alpha: 35 Type/GEN/Intensity FLT5 FLT 3								
		Beta: 0 CA1: CA2: 15 60								
	167.80 - 170.40	Alpha: 35 Type/GEN/Intensity FLT								
		Beta: 0 CA1: CA2: 20 55								
	171.00 - 174.00	Alpha: 50 Type/GEN/Intensity FLT2 FLT 3								
		Beta: 0 CA1: CA2: 30 70								



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Hole Number **610L-17-01**

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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	175.30 - 177.20	Alpha: 55 Type/GEN/Intensity FLT2 FLT 3								
		Beta: 0 CA1: CA2: 40 70								
	184.80 - 188.00	Alpha: 45 Type/GEN/Intensity FLT2 FLT 3								
		Beta: 0 CA1: CA2: 30 60								
	191.30 - 192.30	Alpha: 40 Type/GEN/Intensity FLT								
		Beta: 0 CA1: CA2: 30 50								
	218.80 - 222.50	Alpha: 50 Type/GEN/Intensity FLT2								
		Beta: 0 CA1: CA2:								
	266.20 - 270.80	Alpha: 55 Type/GEN/Intensity FLT2 FLT 3								
		Beta: 0 CA1: CA2: 40 75								
	Mineralization Maj. :	Type/GSZ%/HABIT								
	0.00 - 302.75	SU GS1 1 DIS								
			Comment							
			minor local patchy sulphide mineralization (up to 3% disseminated); sulphides slicked along fault surfaces							



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
302.75	310.10	Feature 1	PED33816	302.75	303.75	1.00	0.41	0.405	-	-
		Type	PED33817	303.75	304.35	0.60	0.24	0.236	-	-
		I3 Felsic_intrusive	PED33818	304.35	305.00	0.65	0.38	0.379	-	-
		DLF: ALT MAS GS1	PED33819	305.00	306.00	1.00	0.33	0.325	-	-
		Felsic Dyke: Fine to med-grained, brownish grey, prv bi+chl alt, massive textured to locally weakly foliated @ 30 - 50 tca, moderate to strong fracturing @ 40 - 55 tca (1-3/m) in filled with biotite; with 15 cm broken zones @ 306 - 306.15m and 307.70 - 307.85m, 1% fragmented/boudinaged greyish-white qtz-carb strs/threads @ 30-50 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, irregular contact with Komatiitic Basalt @ 310.10m 55-60 tca.	PED33820	306.00	307.00	1.00	0.64	0.638	-	-
			PED33821	307.00	308.00	1.00	0.40	0.397	-	-
			PED33823	308.00	309.00	1.00	0.40	0.401	-	-
			PED33824	309.00	309.55	0.55	0.33	0.327	-	-
			PED33825	309.55	310.10	0.55	0.19	0.191	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 2 PRV								
		BIO 3 PRV								
		Structure:								
	302.75 - 302.75	Alpha: 45								
		Type/GEN/Intensity	Beta: 0							
		CS 3	CA1: CA2:							
	304.35 - 304.45	Alpha:								
		Type/GEN/Intensity	Beta: 0							
		FRA 4	CA1: CA2:							
	306.00 - 306.15	Alpha: 40								
		Type/GEN/Intensity	Beta: 0							
		FRA 3	CA1: CA2:							
	307.70 - 307.85	Alpha: 20								
		Type/GEN/Intensity	Beta: 0							
		FRA	CA1: CA2:							



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
310.10	319.50	Feature 1	PED33826	310.10	311.10	1.00	0.42	0.415	-	-	
		Type E0T Talc_rich_unit QLF: ALT MAS GS1 Talc-rich ultra mafic: green mix, fine grained, prv chl+talc alt, massive to locally weak foliation; parrallel to intrusive qtz-cb threads and stringers @ 20 - 50 tca, trace sulphices disseminated, sharp contact with felsic intrusive @ 319.50 @ 65 tca	PED33827	318.50	319.50	1.00	0.01	0.014	-	-	
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein									
		Alteration : Type/Intensity/Texture TLC 3 PRV CHL 3 PRV									
		Structure: 310.10 - 310.11 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: Cl 2 55 60									
		319.50 - 319.50 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
319.50	348.55	Feature 1	PED33828	319.50	320.00	0.50	0.37	0.371	-	-		
		Type	PED33829	320.00	321.00	1.00	0.28	0.282	-	-		
		I3 Felsic_intrusive	PED33830	321.00	322.00	1.00	0.40	0.401	-	-		
		QLF: ALT FOL GS1	PED33831	322.00	323.00	1.00	1.11	1.110	-	-		
		Felsic Dyke: Fine to med-grained, brownish-grey colour, prv bi+chl alteration with patchy biotite dominated zones, massive textured to locally weakly foliated @ 25 - 60 tca, weak fracturing @ 45-75 tca (5-6/m, black infill) 2% fragmented/boudinaged greyish-white qtz-carb strs/threads @ 30 - 70 tca (0.5 to 1 cm wide), 1% fine-grained dissem po-py; local 1-2mm blebs, sharp contact at 348.55m @ 15 tca with Hi Ti basalt	PED33832	323.00	324.00	1.00	0.05	0.045	-	-		
			PED33833	324.00	325.00	1.00	0.10	0.104	-	-		
			PED33834	325.00	326.00	1.00	0.12	0.117	-	-		
			PED33835	326.00	327.00	1.00	0.22	0.215	-	-		
		Alteration :	PED33836	327.00	328.00	1.00	0.40	0.400	-	-		
		Type/Intensity/Texture	PED33837	328.00	329.00	1.00	0.41	0.408	-	-		
		CHL 2 PRV	PED33838	329.00	330.00	1.00	0.23	0.225	-	-		
		BIO 3 PRV	PED33839	330.00	331.00	1.00	0.52	0.518	-	-		
		Structure:	PED33840	331.00	332.00	1.00	1.23	1.230	-	-		
		345.15 - 345.15 Alpha: 10 Beta: 0	PED33841	332.00	333.00	1.00	0.81	0.814	-	-		
		Type/GEN/Intensity	PED33842	333.00	334.00	1.00	0.54	0.541	-	-		
		Cl 2 CA1: CA2:	PED33843	334.00	335.00	1.00	0.66	0.657	-	-		
		Mineralization Maj. :	PED33844	335.00	336.00	1.00	0.57	0.572	-	-		
		Type/GSZ%/HABIT	PED33845	336.00	337.00	1.00	0.81	0.806	-	-		
		319.50 - SU GS1 1 DIS	PED33846	337.00	338.00	1.00	0.97	0.972	-	-		
		348.55 Comment	PED33847	338.00	339.00	1.00	1.14	1.140	-	-		
		1% fine-grained dissem po-py	PED33848	339.00	340.00	1.00	0.50	0.503	-	-		
			PED33849	340.00	341.00	1.00	0.59	0.593	-	-		
			PED33850	341.00	342.00	1.00	0.99	0.991	-	-		
			PED33851	342.00	343.00	1.00	1.15	1.150	-	-		
			PED33852	343.00	344.00	1.00	0.67	0.667	-	-		
			PED33853	344.00	345.00	1.00	1.00	1.000	-	-		
			PED33854	345.00	346.00	1.00	0.13	0.132	-	-		



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED33855	346.00	347.00	1.00	0.71	0.708	-	-	
			PED33856	347.00	348.00	1.00	0.72	0.716	-	-	
			PED33857	348.00	348.55	0.55	4.15	4.150	-	-	
348.55	350.15	Feature 1	PED33858	348.55	349.55	1.00	0.36	0.363	-	-	
			PED33860	349.55	350.15	0.60	0.16	0.156	-	-	
		<p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT MIN GS1</p> <p>High-Ti Basalt: mineralized, fine grained, black, massive textured to weakly developed foliation fabric @ 20 to 30 tca, strong pervasive silica-bio alteration, smooth planar fractures at 348.9 m @ 30 tca, planar qtz-act threads (4-5/m) containing sulphides @ 20 - 60 tca, 10% fine-gr disseminated po-py, sharp lower contact with komatiitic basalt at 350.15 @ 20 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 3 PRV</p> <p>Structure:</p> <p>348.55 - 348.55 Alpha: 15 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">CS 3 CA1: CA2:</p> <p>348.90 - 348.92 Alpha: 30 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">FLT 3 CA1: 25 CA2: 30</p> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <p>348.55 - 350.15 SU GS1 10 DIS Comment</p> <p style="margin-left: 20px;">10% fine-gr disseminated po-py,</p>									
350.15	352.90	Feature 1	PED33861	350.15	351.15	1.00	0.05	0.052	-	-	
			PED33862	351.90	352.90	1.00	0.48	0.478	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM QLF: ALT DEF SPN Komatiitic Basalt: green-brown mix, strong prv chl+bi alteration with local talc zone proximal to lower contact with felsic intrusive, massive to weak foliation @ 30 -45 tca parallel to intrusive qtz-act threads and stringers (5-6/m), deformed/ boudinaged/fragmented qtz-cb veinlets (1-2/m), local spinifex and breccia flow textures, trace disseminated sulphides, sharp contact at 352.9 m @ 70 tca Alteration : Type/Intensity/Texture TLC 2 PCH CHL 3 PRV BIO 2 PRV Structure: 350.15 - 350.15 Alpha: 20 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
352.90	354.15	Feature 1									
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 0 0 BNM QLF: ALT GS1 FOL Felsic Dyke: Fine to med-grained, brownish-grey colour, prv bi+chl alteration with patchy biotite dominated zone, massive textured to local weak foliation @ 25 - 60 tca, weak fracturing @ 35 - 65 tca (5-6/m,black line faults), 1% qtz-carb strs/threads @ 25 - 65 tca (0.5 cm wide), trace fine-grained disseminated sulphides, irregular contact at 345.15 m @10 tca Alteration : Type/Intensity/Texture CHL 3 PRV BIO 2 PRV Structure:	PED33863 352.90 353.50 0.60 0.17 0.171 - - PED33864 353.50 354.15 0.65 0.01 0.012 - -								



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	352.90 - 352.90	Alpha: 70 Beta: 0 Type/GEN/Intensity CS 3 CA1: CA2:									
354.15	356.45	Feature 1	PED33865	354.15	355.15	1.00	1.01	1.010	-	-	
		Type E0B Komatiitic_basalt	PED33866	355.50	356.45	0.95	0.97	0.971	-	-	
		Dyke <input type="checkbox"/> % Thickness Colour Vein 0 0 GNM									
		QLF: ALT MAS GS1 Komatiitic Basalt: green-brown mix, massive, strong prv chl+bi alteration with patchy talc, qtz-act 0.5 cm veinlets (1-2/m), trace disseminated sulphides, sharp contact at 356.45 m @ 30 tca									
		Alteration : Type/Intensity/Texture TLC 2 PCH CHL 3 PRV BIO 3 PRV									
356.45	365.65	Feature 1	PED33867	356.45	357.00	0.55	0.35	0.345	-	-	
		Type I3 Felsic_intrusive	PED33868	357.00	358.00	1.00	0.62	0.624	-	-	
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein 0 0 GYM	PED33869	358.00	359.00	1.00	0.94	0.944	-	-	
		QLF: ALT GS1 FOL Felsic Dyke: Fine to med-grained, brownish-grey colour, prv bi+chl alteration with patchy silicified zones, massive textured to locally weakly foliated @ 25 - 60 tca, weak fracturing @ 45-75 tca (5-6/m, black infill), 1% greyish-white qtz stringers and threads @ 25 - 70 tca (0.5 to 1 cm wide), 1% fine-grained dissem po-py; local 1-2mm blebs, sharp contact at 365.65 m to komatiitic basalt	PED33870	359.00	360.00	1.00	0.68	0.679	-	-	
		Alteration : Type/Intensity/Texture SIL 3 PCH	PED33871	360.00	361.00	1.00	0.00	<0.005	-	-	
			PED33872	361.00	362.00	1.00	0.85	0.847	-	-	
			PED33873	362.00	363.00	1.00	0.87	0.866	-	-	
			PED33874	363.00	364.00	1.00	0.82	0.816	-	-	
			PED33875	364.00	365.00	1.00	0.32	0.324	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		CHL 2 PRV BIO 3 PRV	PED33876	365.00	365.65	0.65	0.36	0.360	-	-	
Structure:											
356.45	356.45	Alpha: 30 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
Mineralization Maj. : Type/GSZ%/HABIT											
356.45 - 365.65		SU GS1 1 DIS									
		Comment 1% fine-grained dissem po-py; local 1-2mm blebs									
365.65	371.30	Feature 1	PED33877	365.65	366.65	1.00	1.78	1.780	-	-	
		Type	PED33878	366.65	367.00	0.35	0.12	0.116	-	-	
		Dyke % Thickness Colour Vein	PED33879	367.00	368.00	1.00	0.01	0.012	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM	PED33880	368.00	369.00	1.00	0.02	0.018	-	-	
		QLF: ALT GS1 FOL	PED33881	369.00	370.00	1.00	0.15	0.146	-	-	
		Komatiitic Basalt: green-brown mix, strong prv chl+bi alteration with patchy talc zones, massive to weak foliation @ 20 -65 tca parallel to intrusive Qtz-cb threads and stringers (5-6/m), deformed/ boudinaged/fragmented Qtz-cb veinlets (1-2/m), local spinifex and breccia flow textures, trace disseminated sulphides, sharp contact at 371.3 m @ 60 tca with intrusive felsic	PED33882	370.00	371.00	1.00	0.02	0.019	-	-	
			PED33883	371.00	371.60	0.60	0.06	0.060	-	-	
Alteration :											
		Type/Intensity/Texture									
		TLC 3 PCH CHL 3 PRV BIO 3 PRV									
Structure:											
365.65	365.65	Alpha: 70 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																																																																					
371.30	371.60	<p>Feature 1</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> <td colspan="5"></td> </tr> <tr> <td style="vertical-align: top;">I3</td> <td style="vertical-align: top;">Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> <td colspan="5"></td> </tr> </table> <p>QLF: ALT MAS DEFW</p> <p>Felsic dyke: Fine, brownish-grey colour, prv bi+chl alteration, massive, weak fracturing @ 45-70 tca; black infill, 1% greyish-white qtz stringers @ 25 - 70 tca (0.5 to 1 cm wide), trace fine grained dissem po-py, sharp contact at 371.6 m @ 50 tca to komatiitic basalt</p> <p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type/Intensity/Texture</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">CHL 2 PRV</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">BIO 3 PRV</td> <td colspan="10"></td> </tr> </table> <p>Structure:</p> <p>371.30 - 371.30 Alpha: 50 Beta: 0</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> <td colspan="8"></td> </tr> <tr> <td></td> <td style="text-align: center;">CS 3</td> <td></td> <td></td> <td colspan="8"></td> </tr> </table>		Type	Dyke	%	Thickness	Colour	Vein						I3	Felsic_intrusive	<input type="checkbox"/>	0	0	BNM								Type/Intensity/Texture												CHL 2 PRV												BIO 3 PRV												Type/GEN/Intensity	CA1:	CA2:										CS 3																				
	Type	Dyke	%	Thickness	Colour	Vein																																																																																										
I3	Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																																																																																											
	Type/Intensity/Texture																																																																																															
	CHL 2 PRV																																																																																															
	BIO 3 PRV																																																																																															
	Type/GEN/Intensity	CA1:	CA2:																																																																																													
	CS 3																																																																																															
371.60	385.60	<p>Feature 1</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> <td colspan="5"></td> </tr> <tr> <td style="vertical-align: top;">E0B</td> <td style="vertical-align: top;">Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> <td colspan="5"></td> </tr> </table> <p>QLF: ALT DEFW GS1</p> <p>Komatiitic Basalt: green-brown mix, strong prv chl+bi alteration with patchy talc zones, massive to weak foliation @ 10 -65 tca parallel to intrusive qtz-cb threads and stringers (5-6/m @ 10 - 65 tca), deformed/boudinaged/fragmented qtz-cb veinlets (3-4/m), trace disseminated sulphides, sharp contact at 385.6 m @ 70 tca with High-ti basalt</p> <p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type/Intensity/Texture</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">TLC 3 PCH</td> <td colspan="10"></td> </tr> </table>		Type	Dyke	%	Thickness	Colour	Vein						E0B	Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM								Type/Intensity/Texture												TLC 3 PCH											PED33884	371.60	372.60	1.00	0.24	0.238	-	-																																						
	Type	Dyke	%	Thickness	Colour	Vein																																																																																										
E0B	Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																																																																																											
	Type/Intensity/Texture																																																																																															
	TLC 3 PCH																																																																																															
			PED33885	384.60	385.60	1.00	0.02	0.017	-	-																																																																																						



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV BIO 2 PRV									
		Structure: 371.60 - 371.60 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
385.60	386.75	Feature 1	PED33886	385.60	386.20	0.60	0.08	0.080	-	-	
		Type Dyke % Thickness Colour Vein E1H High_titanium_basalt <input type="checkbox"/> 95 0 BLK	PED33887	386.20	386.75	0.55	4.60	4.600	-	-	
		QLF: ALT MAS MIN High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly developed foliation @ 15 to 30 tca, strong pervasive silica-bio + chl alteration, 5% planar qtz-act veinlets (1-2cm) and stringers containing brecciated wallrock fragments @ 20 - 30 tca, 2% fine grained disseminated sulphides which locally increases to 4-5% po-py as blebs and stringers proximal to silicified veining margins, sharp lower contact at 386.75 m @ 90 tca.									
		Alteration : Type/Intensity/Texture CHL 3 PCH BIO 3 PRV									
		Structure: 385.60 - 385.60 Alpha: 70 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
		Feature 2:									
		Type Dyke % Thickness Colour Vein V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 5 0 WHT F									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		<p>QLF: ALT MAS MIN</p> <p>Alteration : Type/Intensity/Texture</p> <p> AC 3 VND</p> <p> SIL 3 VND</p>									
386.75	398.00	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive <input checked="" type="checkbox"/> 0 0 BNM</p> <p>QLF: ALT FRA GS1</p> <p>Felsic Dyke: Fine to med-grained, bi+chl alt, brownish colour, massive textured to locally weakly foliated @ 35 - 45 tca, weak fracturing @ 45-65 tca (3-4/m) infilled with chl, (micro-fracturing infilled with bio), 1% fragmented/boudinaged greyish-white qtz-cb stringers and threads @25 - 50 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py with local 1-2mm blebs, sharp contacts with Komatiitic Basalt at 398 m @ 80 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p> CHL 3 PRV</p> <p> BIO 3 PRV</p>	PED33889	386.75	387.40	0.65	0.62	0.622	-	-	
			PED33890	387.40	388.00	0.60	0.34	0.337	-	-	
			PED33892	388.00	389.00	1.00	0.39	0.390	-	-	
			PED33893	389.00	390.00	1.00	0.29	0.290	-	-	
			PED33894	390.00	391.00	1.00	0.36	0.356	-	-	
			PED33895	391.00	392.00	1.00	0.28	0.284	-	-	
			PED33896	392.00	393.00	1.00	0.32	0.324	-	-	
			PED33897	393.00	394.00	1.00	0.32	0.323	-	-	
			PED33898	394.00	395.00	1.00	0.48	0.478	-	-	
			PED33899	395.00	396.00	1.00	0.38	0.381	-	-	
			PED33900	396.00	397.00	1.00	0.65	0.647	-	-	
			PED33901	397.00	398.00	1.00	0.75	0.751	-	-	
398.00	400.80	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM</p> <p>QLF: ALT DEFW FOL</p> <p>Komatiitic Basalt: green-brown mix, strong prv chl+bi alteration with patchy talc zones, massive to weak foliation @ 30 - 50 tca parallel to intrusive deformed/ fragmented qtz-cb threads and stringers (1-2/m), trace disseminated sulphides, sharp contact at 400.80 m @ 60 tca</p> <p>Alteration : Type/Intensity/Texture</p> <p> TLC 1 PCH</p>	PED33902	398.00	399.00	1.00	0.48	0.484	-	-	
			PED33903	399.80	400.80	1.00	4.99	4.990	-	-	



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV BIO 3 PRV									
		Structure: 398.00 - 398.00 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
400.80	401.50	Feature 1	PED33904	400.80	401.50	0.70	2.12	2.120	-	-	
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive Dyke % Thickness Colour Vein</p> <p>□ 0 0 BNM</p> <p>QLF: ALT FOL FRG</p> <p>Felsic Dyke: Fine to med-grained, bi+chl alt, brownish colour, massive textured to locally weakly foliated @ 35 - 45 tca, weak fracturing @ 45-65 tca (1-2/m) infilled with chl, (micro-fracturing infilled with bio), fragmented/boudinaged greyish-white qtz-cb stringers and threads @50 - 60 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py with local 1-2mm blebs proximal to stringers, sharp contact at 401.5 m @ 20 tca.</p>									
		Alteration : Type/Intensity/Texture CHL 2 PRV BIO 3 PRV									
		Structure: 400.80 - 400.80 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
401.50	402.10	Feature 1									



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Hole Number **610L-17-01**

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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>I1 Mafic_intrusive</p> <p>QLF: MAS ALT GS1</p> <p>Mafic Dyke: Fine-grained, dark green colour, massive to weakly foliated @ 45-55 tca, weak fracturing @ 45-65 tca near contacts, trace veining and sulphides, sharp contact at 402.1 m @30 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">CHL 1 PRV</p> <p style="margin-left: 20px;">BIO 2 PRV</p> <p>Structure:</p> <p>401.50 - 401.50 Alpha: 20 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CS 3</p>									
402.10	405.75	Feature 1									
		<p>I3 Felsic_intrusive</p> <p>QLF: ALT FOL GS1</p> <p>Felsic Dyke: Fine grained, bi+chl alt, brownish grey colour, massive textured to locally weakly foliated @ 30 - 50 tca, weak fracturing @ 45-65 tca (1-2/m) infilled with chl, (micro-fracturing infilled with bio), fragmented/boudinaged greyish-white qtz-cb stringers and threads @ 10 - 60 tca (0.5 to 1 cm wide), trace fine grained disseminated sulphides with local 1-2mm blebs proximal to fracture fills, sharp contact at 405.75 m @ 50 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">CHL 2 PRV</p> <p style="margin-left: 20px;">BIO 3 PRV</p> <p>Structure:</p>									
			PED33905	402.10	403.00	0.90	0.28	0.283	-	-	
			PED33906	403.00	404.00	1.00	0.54	0.542	-	-	
			PED33907	404.00	405.00	1.00	0.39	0.386	-	-	
			PED33908	405.00	405.75	0.75	0.19	0.190	-	-	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	402.10 - 402.10	Alpha: 30 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
405.75	410.55	Feature 1	PED33909	405.75	406.75	1.00	0.57	0.565	-	-	
		Type	PED33910	409.55	410.55	1.00	0.14	0.136	-	-	
		E0B Komatiitic_basalt									
		QLF: ALT FOL SPN									
		komatiitic basalt: dark green, fine grained , massive to weakly foliated @ 20 - 50, minor qtz-cb threads and stringers (1-2/m) @ 50 - 70 tca, local spinifex flow textures, smooth planar fractures (1-2 / m @ 35 tca), trace disseminated sulphides, sharp contact at 410.55 m @ 30 tca with intrusive mafic									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		BIO 2 PRV									
		Structure:									
	405.75 - 405.75	Alpha: 50 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
410.55	412.27	Feature 1	PED33911	410.55	411.45	0.90	1.05	1.050	-	-	
		Type	PED33912	411.45	412.25	0.80	0.02	0.024	-	-	
		I1 Mafic_intrusive									
		QLF: FOL GS1 MAS									
		Mafic Dyke: Fine-grained, dark green colour, massive to weakly foliated @ 60 tca, trace disseminated sulphides, sharp contact at 412.15 m @ 30 tca									



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		<p>Alteration : Type/Intensity/Texture AMP BIO 2 PRV</p> <p>Structure: 410.55 - 410.55 Alpha: 30 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3</p> <p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">10</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: FOL GS1 MAS</p> <p>Alteration : Type/Intensity/Texture CHL 3 PRV BIO 2 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	10	0	GYM									
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	10	0	GYM																		
412.27	413.70	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL GS1</p> <p>komatiitic basalt: dark green, massive to weak foliation at 60 tca parallel to intrusive qtz-cb stingers (1-2/m, boudinaged/deformed), pervasive bi+chl patchy talc alteration, trace fine-grained disseminated sulphides, sharp contact at 413.7m @ 65 tca</p> <p>Alteration : Type/Intensity/Texture TLC 2 PCH CHL 3 PRV BIO 3 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM		PED33913	412.70	413.70	1.00	0.01	0.006	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																		



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
Structure:											
	412.27 - 412.27	Alpha: 30 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
413.70	418.02	Feature 1	PED33914	413.70	414.35	0.65	0.57	0.569	-	-	
		Type	PED33915	414.35	415.00	0.65	0.73	0.727	-	-	
		I3 Felsic_intrusive	PED33916	415.00	416.00	1.00	1.01	1.010	-	-	
		QLF: ALT FOL GS1	PED33917	416.00	417.00	1.00	1.43	1.430	-	-	
		Felsic intrusive: Fine grained, bi+chl alt, brownish grey colour, massive textured to locally weakly foliated @ 30 - 60 tca, weak fracturing @ 45-65 tca (1-2/m) infilled with bio, greyish qtz-cb stringers and threads @ 40 - 80 tca (0.5 to 1 cm wide), trace fine grained disseminated sulphides with local 1-2mm blebs proximal to fracture fills, sharp contact at 418.02 m @ 80 tca	PED33918	417.00	418.00	1.00	0.63	0.630	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		BIO 3 PRV									
Structure:											
	413.70 - 413.70	Alpha: 65 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
418.02	443.80	Feature 1	PED33919	418.00	419.00	1.00	0.14	0.144	-	-	
		Type	PED33920	419.00	420.00	1.00	0.06	0.055	-	-	
		E0B Komatiitic_basalt	PED33921	443.00	444.00	1.00	0.01	0.012	-	-	
		QLF: ALT FOL GS1									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)																					
		<p>Komatiitic Basalt: Fine grained, dark greenish colour, locally massive to weakly foliated parallel to qtz-cb threads and stringers (30-70) tca, strong pervasive bi+chl alteration with patchy talc altered zones, veining consist of 3-4% fragmented/boudinaged/ folded qtz-carb stringers and veinlets, chl-talc infilling fractures often with slickensides and blebed Po, sharp contact with hi ti basalt at 443.80m at 60 tca</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p>TLC 3 PCH</p> <p>CHL 3 PRV</p> <p>BIO 2 PRV</p> <p>Structure:</p> <p>418.02 - 418.02 Alpha: 80 Beta: 0</p> <p> <i>Type/GEN/Intensity</i> CA1: CA2:</p> <p> CS 3</p>																														
443.80	448.35	<p>Feature 1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E1A Basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT GS1 DEFW</p> <p>Basalt: fine grained, massive to rubbly breccia texture (flow-top breccia), strong prv bi+chl alteration with local fuchsite patches (altered green zone?), silicified, garnetiferous (1-2mm), strong shear from 447.17 to 448 m @ 10 tca, deformed/boudinaged qtz-cb stringers and veinlets (4-5/m @ 20 - 60 tca), 1% disseminated sulphides with bleb patches local to intrusive veining, sharp contact at 448.35 at 60 tca with high-ti basalt.</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p>FUC 3 PCH</p> <p>GRN 3 PCH</p> <p>CHL 3 PRV</p> <p>Structure:</p> <p>443.80 - 443.80 Alpha: 60 Beta: 0</p>											<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E1A Basalt	<input type="checkbox"/>	0	0	GNM		PED33922	444.00	445.00	1.00	0.90	0.900	-	-
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																											
E1A Basalt	<input type="checkbox"/>	0	0	GNM																												
			PED33923	445.00	446.00	1.00	0.13	0.128	-	-																						
			PED33924	446.00	447.00	1.00	0.52	0.518	-	-																						
			PED33925	447.00	448.00	1.00	1.59	1.590	-	-																						
			PED33926	448.00	448.35	0.35	0.24	0.242	-	-																						



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Type/GEN/Intensity CS 3									
		Mineralization Maj. : Type/GSZ%/HABIT 443.80 - SU GS1 1 DIS 448.35									
		Comment 1% disseminated sulphides with blebs local to intrusive veining									
448.35	461.25	Feature 1	PED33927	448.35	449.00	0.65	1.82	1.820	-	-	
		Type	PED33928	449.00	450.00	1.00	23.80	>10.000	23.80	-	
		E1H High_titanium_basalt	PED33930	450.00	451.00	1.00	0.16	0.164	-	-	
		QLF: ALT MIN DEF	PED33931	451.00	452.00	1.00	0.03	0.028	-	-	
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, (possible local pillow selveges infilled with chl-silica), massive textured to weakly developed foliation @ 20 to 45 tca, strong pervasive silica-bio alteration, 1% fragmented/ boudinaged qtz-cb-act veinlets and stringers (0.5- 1 cm @ 20 - 45 tca), 2% fine-grained disseminated sulphides which locally increase to 4-5% as blebs/stringers proximal to silicified veining margins, sharp contact at 462.7 @ 70 tca, Visible gold in quartz vein at 449.2m	PED33932	452.00	453.00	1.00	0.91	0.907	-	-	
			PED33933	453.00	454.00	1.00	1.33	1.330	-	-	
			PED33934	454.00	455.00	1.00	0.03	0.028	-	-	
			PED33935	455.00	456.00	1.00	0.02	0.022	-	-	
		Visible Gold :	PED33936	456.00	457.00	1.00	0.07	0.073	-	-	
		SampleD/Grainsize/Style PED33928 1-2mm Bleb	PED33937	457.00	458.00	1.00	0.08	0.077	-	-	
		Alteration :	PED33939	458.00	459.00	1.00	0.02	0.024	-	-	
		Type/Intensity/Texture CHL 3 PCH	PED33940	459.00	460.00	1.00	0.06	0.058	-	-	
		SIL 3 PRV	PED33941	460.00	460.60	0.60	0.12	0.118	-	-	
		BIO 3 PRV	PED33942	460.60	461.20	0.60	0.55	0.546	-	-	
		Structure:									
		448.35 - 448.35 Alpha: 60 Beta: 0									
		Type/GEN/Intensity CS 3									
		Mineralization Maj. : Type/GSZ%/HABIT 448.35 - VG GS1 BLB 461.25									
		Comment 2% fine-grained disseminated sulphides which locally increase to 4-5% as blebs/stringers proximal to silicified veining									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		<p>margins, visible gold at 449.19 (sample PED33928)</p> <p>2% fine-grained disseminated sulphides which locally increase to 4-5% as blebs/stringers proximal to silicified veining margins, visible gold at 449.19 (sample PED33928)</p>									
	448.35 - 461.25	SU 2 DIS									
461.25	462.70	Feature 1	PED33943	461.20	462.00	0.80	0.09	0.090	-	-	
		Type	PED33944	462.00	462.70	0.70	0.08	0.079	-	-	
		E0B Komatiitic_basalt									
		QLF: ALT DEFW MAS									
		<p>Komatiitic Basalt: Fine grained, dark greenish colour, locally massive to weakly foliated parallel to qtz-cb threads and stringers @ 20 - 45 tca, strong pervasive bi+chl alteration with patchy talc altered zones, fragmented/boudinaged/ folded qtz-carb stringers and veinlets, trace disseminated sulphides, sharp contact with felsic intrusive at 462.70m at 70 tca.</p>									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PRV									
		BIO 3 PRV									
		Structure:									
	461.25 - 461.25	Alpha: 70									
		Beta: 0									
		Type/GEN/Intensity	CA1: CA2:								
		CS 3									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
462.70	471.65	Feature 1	PED33946	462.70	463.65	0.95	0.53	0.528	-	-	
		Type	PED33947	463.65	464.00	0.35	0.43	0.426	-	-	
		I3 Felsic_intrusive	PED33948	464.00	465.00	1.00	0.42	0.415	-	-	
		QLF: ALT FOL VND	PED33949	465.00	466.00	1.00	0.52	0.520	-	-	
		Felsic intrusive: Fine grained, prv bi+chl alt, brownish grey colour, massive textured to locally weakly foliated @ 50 - 65 tca, micro fracturing @ 45-65 tca (4-5/m) infilled with bio, greyish qtz stringers, threads, veinlets @ 20 - 60 tca (0.25 to 1 cm wide), 1% fine grained disseminated sulphides with local 1-2mm blebs proximal to fracture fills, sharp contact at 471.65 m @ 70 tca	PED33950	466.00	467.00	1.00	0.36	0.356	-	-	
			PED33951	467.00	468.00	1.00	0.38	0.376	-	-	
			PED33952	468.00	469.00	1.00	0.41	0.406	-	-	
			PED33953	469.00	470.00	1.00	0.52	0.520	-	-	
		Alteration :	PED33954	470.00	471.00	1.00	0.50	0.498	-	-	
		Type/Intensity/Texture	PED33955	471.00	471.60	0.60	0.22	0.224	-	-	
		CHL 2 PRV									
		BIO 3 PRV									
		Structure:									
		462.70 - 462.70 Alpha: 70 Beta: 0									
		Type/GEN/Intensity									
		CS 3 CA1: CA2:									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		462.70 - SU GS1 1 DIS									
		471.65									
		Comment									
		1% fine grained disseminated sulphides with local 1-2mm blebs proximal to fracture fills									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
471.65	485.80	Feature 1	PED33956	471.60	472.60	1.00	0.06	0.061	-	-
		Type	PED33957	472.60	473.00	0.40	0.03	0.028	-	-
		E0B Komatiitic_basalt	PED33958	473.00	474.00	1.00	0.01	0.008	-	-
		QLF: ALT MAS SPN	PED33959	474.00	475.00	1.00	0.02	0.017	-	-
		Komatiitic Basalt: Fine grained, dark greenish colour, locally massive to weakly foliated parallel to qtz-cb threads and stringers @ 15 - 40 tca, strong pervasive bi+chl alteration with patchy talc altered zones, minor fragmented/boudinaged/ folded qtz-carb stringers and veinlets (1-2/m @ 20- 40 tca), trace disseminated sulphides, sharp contact at 485.80 m @ 50 tca with V2_bx	PED33960	475.00	476.00	1.00	0.01	0.013	-	-
			PED33961	476.00	477.00	1.00	0.01	0.007	-	-
			PED33962	477.00	478.00	1.00	0.01	0.008	-	-
			PED33963	478.00	479.00	1.00	0.02	0.019	-	-
		Alteration :	PED33964	479.00	480.00	1.00	0.03	0.031	-	-
		Type/Intensity/Texture	PED33965	480.00	481.00	1.00	0.05	0.046	-	-
		SIL 2 PCH	PED33966	481.00	481.75	0.75	0.04	0.039	-	-
		CHL 3 PRV	PED33967	481.75	482.40	0.65	0.09	0.092	-	-
		BIO 3 PRV	PED33968	482.40	483.00	0.60	0.08	0.076	-	-
		Structure:	PED33969	483.00	484.00	1.00	5.65	5.650	-	-
		471.65 - 471.65 Alpha: 70 Beta: 0	PED33970	484.00	485.00	1.00	0.45	0.446	-	-
		Type/GEN/Intensity	PED33972	485.00	485.80	0.80	0.08	0.084	-	-
		CS 3								
485.80	486.75	Feature 1	PED33973	485.80	486.25	0.45	0.24	0.244	-	-
		Type	PED33974	486.25	486.75	0.50	0.26	0.262	-	-
		V2_BX Quartz_Vein_with_Fragments								
		QLF: BRX FRA FRG								
		Brecciated quartz vein in E0B: dark green, fine grained, silicified, patchy prv Bi+chl alteration, massive, quartz veining (5 - 20 cm; @ 50-70 tca) containing fragmental E0B with actinolite alteration infilling fractures, qtz-carb-act stringers in E0B strongly deformed/fragmented/boudinaged, trace fine grained disseminated sulphides in E0B, sharp contact at 486.75 m @ 55 tca								
		Alteration :								
		Type/Intensity/Texture								
		SIL 3 PRV								
		AC 3 FF								
		Structure:								



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Structure:											
485.80 - 485.80		Alpha: 50 Beta: 0 Type/GEN/Intensity CS 3	CA1: CA2:								
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
E0B		Komatiitic_basalt	☐	40	0	GND	S				
QLF:		BRX FRA FRG									
Alteration :		Type/Intensity/Texture									
		BIO 3 PCH									
		SIL 3 PRV									
486.75	491.60	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
E0B		Komatiitic_basalt	☐	50	0	GNM	L				
QLF:		ALT DEF FLT									
		komatiitic/High- Ti Basalt: fine grained, dark green , prv chl+act+carb alteration, massive to weak foliation proximal to intrusive qtz-cb-act stringers @ 30 - 70 tca, slightly smooth planar fault surfaces (2-3/m @20tca), 1 % fine grained disseminated sulphides; local 1-2mm blebs, gradational contact into High-Ti Basalt around 491.60 m									
Alteration :		Type/Intensity/Texture									
		AC 3 PRV									
		CB 3 PRV									
		CHL 2 PRV									
Structure:											
486.75 - 486.75		Alpha: 55 Beta: 0									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
		Type/GEN/Intensity CS 3 Mineralization Maj. : Type/GSZ%/HABIT 486.75 - SU GS1 1 DIS 491.60 Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H <i>High_titanium_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">50</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> QLF: ALT DEF FLT Alteration : Type/Intensity/Texture BIO 2 PRV	Type	Dyke	%	Thickness	Colour	Vein	E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	50	0	GND										
Type	Dyke	%	Thickness	Colour	Vein																		
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	50	0	GND																			
491.60	497.05	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H <i>High_titanium_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> QLF: ALT VND FLT High-Ti Basalt: black to dark green, very fine grained, massive, strong prv bi+chl alt, fragmented/deformed/displaced qtz-cb-act threads/stringers/veinlets (8 - 10/m @ 30 - 70 tca), slightly polished planar fault surfaces (1/m @ 10-30 tca); slightly smooth joint surfaces (2/m @ 40-60 tca), 1% disseminated sulphides; higher concentrated blebs proximal to quartz veining, sharp contact at 497.05 m @ 80 tca, visible gold at 494.25 m Visible Gold : SampleID/Grainsize/Style PED33985 1-2mm Fleck Alteration : Type/Intensity/Texture AC 2 VND CHL 2 PRV BIO 3 PRV Structure:	Type	Dyke	%	Thickness	Colour	Vein	E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK	S	PED33982	491.60	492.00	0.40	0.28	0.282	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK	S																		
			PED33983	492.00	493.00	1.00	0.90	0.897	-	-													
			PED33984	493.00	494.00	1.00	0.74	0.735	-	-													
			PED33985	494.00	495.00	1.00	3.26	3.260	-	-													
			PED33987	495.00	496.00	1.00	7.59	7.590	-	-													
			PED33988	496.00	497.05	1.05	1.32	1.320	-	-													



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	491.60 - 491.60	Alpha: Type/GEN/Intensity CG 1									
		Beta: 0 CA1: CA2:									
	491.60 - 497.05	Mineralization Maj. : Type/GSZ%/HABIT SU GS1 1 DIS									
		Comment High-Ti Basalt: 1% disseminated sulphides; higher concentrated blebs proximal to quartz veining									
497.05	499.75	Feature 1	PED33989	497.05	498.00	0.95	0.13	0.130	-	-	
		Type	PED33991	498.00	499.00	1.00	0.05	0.052	-	-	
		E0B Komatiitic_basalt	PED33992	499.00	499.75	0.75	0.04	0.042	-	-	
		QLF: ALT FOL GS1									
		Komatiitic Basalt: fine grained, dark green , prv chl+act+carb alteration, silicified, massive to weak foliation proximal to intrusive qtz-cb-act stringers @ 30 - 60 tca, slightly smooth planar fault surfaces (1-2/m @ 40 tca), trace very fine grained disseminated sulphides, sharp contact into mafic dyke at 499.75 m @ 65 tca									
		Alteration :									
		Type/Intensity/Texture AC 3 PRV SIL 2 PCH BIO 2 PRV									
		Structure:									
	497.05 - 497.05	Alpha: 80 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
499.75	499.90	Feature 1	PED33993	499.75	499.90	0.15	0.08	0.076	-	-	
		Type									
		Dyke % Thickness Colour Vein									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 BLK QLF: ALT MAS GS1 mafic intrusive (possible hi-ti): black, very fine grained, massive, prv bi alteration, garnetiferous (<1mm), minor fragmental Qtz-cb threads, trace disseminated sulphides; local bands, sharp contact at 499.90 m Alteration : Type/Intensity/Texture GRN 2 PRV BIO 3 PRV Structure: 499.75 - 499.75 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
499.90	509.25	Feature 1 E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM QLF: ALT SMA GS1 Komatiitic Basalt: green mix, fine grained, prv bi+chl alteration with patchy talc and silicified zones, massive to weakly foliated @ 50 tca, actinolite threads (3-4/m @ 45 - 65 tca), smooth planar fault surface at 508.15 m @ 15 tca, slightly smooth joint surfaces @50 - 60 tca (1 - 2 /m) with carbonate infill, sharp contact at 509.25 m @ 60 tca Alteration : Type/Intensity/Texture TLC 2 PCH CHL 2 PRV BIO 3 PRV Structure: 503.40 - 503.50 Alpha: 90 Beta: 0	PED33994 PED33995 PED33996 PED33997 PED33998 PED34000 PED53501	499.90 501.00 501.65 502.30 503.30 503.60 504.60 508.25	501.00 501.65 502.30 503.30 503.60 504.60 509.25	1.10 0.65 0.65 1.00 0.30 1.00 1.00	0.24 0.01 0.01 0.03 0.49 0.09 0.01	0.237 0.011 0.011 0.031 0.493 0.085 0.007	- - - - - - -	- - - - - - -	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity V2_BX 3									
	508.15 - 508.15	Alpha: 15 Type/GEN/Intensity FLT									
		Beta: 0 CA1: CA2: 80 90									
		Feature 2:									
		Type V2A Quartz_carb_actinolite_vein									
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GYM Vein									
		QLF: ALT SMA GS1									
		Alteration : Type/Intensity/Texture AC 2 FF SIL 2 PCH									
509.25	511.85	Feature 1									
		Type E1H High_titanium_basalt									
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour BLK Vein	PED53502	509.25	510.25	1.00	0.13	0.125	-	-	
		QLF: ALT DEF FRG	PED53504	510.25	511.00	0.75	0.00	<0.005	-	-	
		High-Ti Basalt: dark green, fine grained, massive, prv bi+chl alt, fragmented/boudinaged carbonate threads and stringers (5/m) ranging from 15 - 65 tca, trace disseminated sulphides, gradational contact around 511.85 m	PED53505	511.00	511.85	0.85	0.05	0.051	-	-	
		Alteration : Type/Intensity/Texture CHL 3 PRV BIO 2 PRV									
		Structure:									
	509.25 - 509.25	Alpha: 60 Type/GEN/Intensity									
		Beta: 0 CA1: CA2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																																							
511.85	526.50	Feature 1 <div style="margin-left: 20px;"> Type E0B Komatiitic_basalt QLF: ALT GS1 FOL Komatiitic Basalt: green mix, fine grained, prv to bi+chl alteration with patchy talc and silicified zones, massive to weakly foliated @ 40 - 50 tca, fragmented/displaced/ boudinaged qtz-cb-act threads/stringers/veinlets (3-4/m @ 20 - 65 tca), slightly smooth planar fault surface at 512.95 m @ 30 tca; 516.8 m @ 25tca; 522.20 m @ 20tca; 525.47 m @ 30tca; 525.85 m @ 35 tca, slightly smooth joint surfaces @50 - 60 tca (1 - 2 /m), sharp contact at 526.50 m @ 50 tca Alteration : <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>TLC 2 PCH</td> <td></td> </tr> <tr> <td>CHL 2 PRV</td> <td></td> </tr> <tr> <td>BIO 3 PRV</td> <td></td> </tr> </table> Structure: <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">511.85 - 511.86</td> <td style="padding-right: 10px;">Alpha:</td> <td style="padding-right: 10px;">Beta: 0</td> <td></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>CG 2</td> <td></td> <td></td> </tr> <tr> <td style="padding-right: 10px;">512.95 - 512.96</td> <td style="padding-right: 10px;">Alpha: 30</td> <td style="padding-right: 10px;">Beta: 0</td> <td></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>FLT 2</td> <td></td> <td></td> </tr> <tr> <td style="padding-right: 10px;">516.80 - 516.80</td> <td style="padding-right: 10px;">Alpha: 25</td> <td style="padding-right: 10px;">Beta: 0</td> <td></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>FLT 3</td> <td></td> <td></td> </tr> <tr> <td style="padding-right: 10px;">522.20 - 522.20</td> <td style="padding-right: 10px;">Alpha: 20</td> <td style="padding-right: 10px;">Beta: 0</td> <td></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>FLT 3</td> <td></td> <td></td> </tr> </table> </div>	Type/Intensity/Texture		TLC 2 PCH		CHL 2 PRV		BIO 3 PRV		511.85 - 511.86	Alpha:	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		CG 2			512.95 - 512.96	Alpha: 30	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		FLT 2			516.80 - 516.80	Alpha: 25	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		FLT 3			522.20 - 522.20	Alpha: 20	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		FLT 3			PED53506 PED53507 PED53508 PED53509 PED53510 PED53511 PED53513 PED53514 PED53515 PED53516 PED53517 PED53518	511.85 517.00 518.00 519.00 519.75 520.30 521.00 522.00 523.00 524.00 525.00 525.50	512.85 518.00 519.00 519.75 520.30 522.00 523.00 524.00 525.00 525.50	1.00 1.00 1.00 0.75 0.55 0.70 1.00 1.00 1.00 1.00 0.50 1.00	0.00 0.01 0.01 0.04 0.04 0.00 0.11 0.01 0.03 0.03 0.04 0.02	<0.005 0.011 0.009 0.035 0.036 <0.005 0.106 0.010 0.032 0.025 0.035 0.016	- - - - - - - - - -	- - - - - - - - - -
Type/Intensity/Texture																																																																		
TLC 2 PCH																																																																		
CHL 2 PRV																																																																		
BIO 3 PRV																																																																		
511.85 - 511.86	Alpha:	Beta: 0																																																																
	Type/GEN/Intensity	CA1:	CA2:																																																															
	CG 2																																																																	
512.95 - 512.96	Alpha: 30	Beta: 0																																																																
	Type/GEN/Intensity	CA1:	CA2:																																																															
	FLT 2																																																																	
516.80 - 516.80	Alpha: 25	Beta: 0																																																																
	Type/GEN/Intensity	CA1:	CA2:																																																															
	FLT 3																																																																	
522.20 - 522.20	Alpha: 20	Beta: 0																																																																
	Type/GEN/Intensity	CA1:	CA2:																																																															
	FLT 3																																																																	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
	525.47 - 525.47	Alpha: 30 Type/GEN/Intensity FLT 3	Beta: 0 CA1: CA2:												
	525.85 - 525.85	Alpha: 35 Type/GEN/Intensity FLT 3	Beta: 0 CA1: CA2:												
526.50	528.70	Feature 1					PED53519	526.50	527.25	0.75	0.00	<0.005	-	-	
		Type	Dyke	%	Thickness	Colour	Vein	PED53521	527.25	528.00	0.75	0.04	0.039	-	-
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK		PED53523	528.00	528.70	0.70	0.02	0.018	-	-
		QLF: ALT MAS GS1													
		Mafic Intrusive: black, very fine grained, massive, prv bi alt, silicified, micro fracturing (1-2mm @ 25 -35 tca) infilled with carbonate and sulphides, slicked planar fracture surface at 526.85 m @ 20 tca with sulphides slicked on surface, 5% disseminated Po; local blebs (1-2mm), chill margin proximal to gradational bottom contact at 528.7 m													
		Alteration :													
		Type/Intensity/Texture													
		SIL 2 PRV													
		BIO 3 PRV													
		Structure:													
	526.50 - 526.50	Alpha: 50 Type/GEN/Intensity CS 3	Beta: 0 CA1: CA2:												
	526.85 - 526.85	Alpha: 20 Type/GEN/Intensity FLT 3	Beta: 0 CA1: CA2:												
		Mineralization Maj. : Type/GSZ%/HABIT													
	526.50 -	PO GS1 5 DIS					Comment 5% disseminated Po; local blebs (1-2mm)								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		528.70									
528.70	538.30	Feature 1	PED53524	528.70	529.70	1.00	0.01	0.014	-	-	
		Type	PED53525	537.30	538.30	1.00	0.03	0.033	-	-	
		E0B Komatiitic_basalt									
		QLF: ALT SPN GS1									
		Komatiitic Basalt: green mix, fine grained, trachytic flow textures, prv bi+chl alteration with patchy talc zones, no major veining present, trace disseminated sulphides, sharp contact at 538.3 m @ 60 tca									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PRV									
		BIO 2 PRV									
		Structure:									
		528.70 - 528.70									
		Alpha:	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		CG 1									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-01**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
538.30	546.30	Feature 1	PED53526	538.30	539.30	1.00	0.07	0.072	-	-	
		<p>Type</p> <p>I1 Mafic_intrusive <input checked="" type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>QLF: ALT SHD HEA</p> <p>Mafic Intrusive: black, very fine grained, massive, prv bi alt, silicified, micro fracturing and stringers (1-2mm @ 10-40 tca) infilled with carbonate and sulphides, healed shear zone from 541.20 - 541.80 @ 10-15 tca; infilled with qtz-carb, 5% disseminated Po; local blebs (1-2mm) slicked on fracture surfaces, sharp contact at 546.30 m @ 70 tca</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 2 PRV</p> <p>BIO 3 PRV</p> <p>Structure:</p> <p>538.30 - 538.30 Alpha: 60 Beta: 0</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>CS 3</p> <p>541.20 - 541.80 Alpha: 10 Beta: 0</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>SHD 3 10 15</p> <p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>538.30 - 546.30 SU GS1 5 DIS 5% disseminated Po; local blebs (1-2mm) slicked on fracture surfaces</p>	PED53527	539.30	540.30	1.00	0.17	0.165	-	-	
			PED53528	540.30	541.20	0.90	0.80	0.804	-	-	
			PED53529	541.20	542.00	0.80	0.10	0.099	-	-	
			PED53531	542.00	543.00	1.00	0.00	<0.005	-	-	
			PED53532	543.00	544.00	1.00	0.00	<0.005	-	-	
			PED53533	544.00	545.00	1.00	0.00	<0.005	-	-	
			PED53534	545.00	545.70	0.70	0.01	0.012	-	-	
			PED53535	545.70	546.30	0.60	0.00	<0.005	-	-	
546.30	549.00	Feature 1	PED53536	546.30	547.30	1.00	0.04	0.044	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>QLF: ALT SPN GS1</p> <p>Komatiitic Basalt: green mix, fine grained, trachytic flow textures, prv bi+chl alteration with patchy talc zones, no major veining present, trace disseminated sulphides, EOH at 549 m</p>									



LITHOLOGY REPORT
- Detailed -

Hole Number 610L-17-01

Project: PHOENIX

Project Number: 2

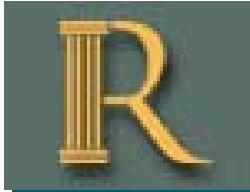
<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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Alteration : **Type/Intensity/Texture**

TLC 3 PRV
CHL 3 PRV
BIO 2 PRV

Structure:

546.30 - 546.30 Alpha: 70 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CS 3



DRILL HOLE REPORT

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 107	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysége
Dip: 17.08	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 585	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 30-May-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 07-Jun-17				Surveyed: yes
Logged: 28-Jun-17				Surveyed by: Zoltan Peter
Comment: NOT Oriented				Geophysics:

Coordinate - Gemcom

East: 10041.46
North: 49929.806
Elev.: 4762.761

Coordinate - UTM

East: 448147.55
North: 5663883.9
Elev.: -237.24
Zone: 15N **NAD:** NAD83

Geophysics:

Geophysic Contractor:

Left in hole:

Making water:

Multi shot survey:

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	107.00	17.08	C	<input checked="" type="checkbox"/>	
10.00	107.08	17.08	Gyro	<input checked="" type="checkbox"/>	
15.00	108.33	16.90	DeviSh ot	<input type="checkbox"/>	Suspect
20.00	107.14	16.76	Gyro	<input checked="" type="checkbox"/>	
30.00	107.08	16.50	Gyro	<input checked="" type="checkbox"/>	
40.00	107.19	16.29	Gyro	<input checked="" type="checkbox"/>	
50.00	107.17	16.10	Gyro	<input checked="" type="checkbox"/>	
51.00	104.77	16.07	DeviSh ot	<input type="checkbox"/>	
60.00	107.23	15.90	Gyro	<input checked="" type="checkbox"/>	
70.00	107.35	15.68	Gyro	<input checked="" type="checkbox"/>	
80.00	107.35	15.52	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	107.42	15.48	Gyro	<input checked="" type="checkbox"/>	
99.00	105.42	15.40	DeviSh ot	<input type="checkbox"/>	
100.00	107.47	15.41	Gyro	<input checked="" type="checkbox"/>	
110.00	107.61	15.31	Gyro	<input checked="" type="checkbox"/>	
120.00	107.73	15.14	Gyro	<input checked="" type="checkbox"/>	
130.00	107.80	14.99	Gyro	<input checked="" type="checkbox"/>	
140.00	107.85	14.83	Gyro	<input checked="" type="checkbox"/>	
149.00	104.09	14.71	DeviSh ot	<input type="checkbox"/>	
150.00	107.85	14.84	Gyro	<input checked="" type="checkbox"/>	
160.00	107.94	14.57	Gyro	<input checked="" type="checkbox"/>	
170.00	108.06	14.15	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-02

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	108.31	13.82	Gyro	<input checked="" type="checkbox"/>	
190.00	108.55	13.67	Gyro	<input checked="" type="checkbox"/>	
200.00	108.94	13.58	Gyro	<input checked="" type="checkbox"/>	
201.00	107.26	13.40	DeviSh ot	<input type="checkbox"/>	
210.00	109.35	13.63	Gyro	<input checked="" type="checkbox"/>	
220.00	109.56	13.33	Gyro	<input checked="" type="checkbox"/>	
230.00	109.63	13.08	Gyro	<input checked="" type="checkbox"/>	
240.00	109.82	12.80	Gyro	<input checked="" type="checkbox"/>	
249.00	108.77	12.49	DeviSh ot	<input type="checkbox"/>	
250.00	109.81	12.43	Gyro	<input checked="" type="checkbox"/>	
260.00	109.87	12.26	Gyro	<input checked="" type="checkbox"/>	
270.00	110.15	11.97	Gyro	<input checked="" type="checkbox"/>	
280.00	110.39	11.79	Gyro	<input checked="" type="checkbox"/>	
290.00	110.49	11.68	Gyro	<input checked="" type="checkbox"/>	
299.00	111.95	11.38	DeviSh ot	<input type="checkbox"/>	
300.00	110.53	11.55	Gyro	<input checked="" type="checkbox"/>	
310.00	110.71	11.35	Gyro	<input checked="" type="checkbox"/>	
320.00	110.90	11.19	Gyro	<input checked="" type="checkbox"/>	
330.00	111.10	11.04	Gyro	<input checked="" type="checkbox"/>	
340.00	111.34	10.87	Gyro	<input checked="" type="checkbox"/>	
350.00	111.54	10.53	Gyro	<input checked="" type="checkbox"/>	
351.00	111.53	10.30	DeviSh ot	<input type="checkbox"/>	
360.00	111.85	10.61	Gyro	<input checked="" type="checkbox"/>	
370.00	112.30	10.90	Gyro	<input checked="" type="checkbox"/>	
380.00	112.54	11.19	Gyro	<input checked="" type="checkbox"/>	
390.00	112.93	11.35	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	112.79	10.98	DeviSh ot	<input checked="" type="checkbox"/>	
453.00	114.12	10.76	DeviSh ot	<input checked="" type="checkbox"/>	
501.00	116.43	10.97	DeviSh ot	<input checked="" type="checkbox"/>	
549.00	117.66	10.68	DeviSh ot	<input checked="" type="checkbox"/>	
585.00	116.64	10.68	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.60	Feature 1	PED53537	1.60	2.60	1.00	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0T <i>Talc_rich_unit</i></p> <p style="margin-left: 20px;">QLF: ALT DEFS FOL</p> <p style="margin-left: 20px;">Talc-rich Ultramafic: grey, fine grained, strong prv chl+talc alteration, foliation fabric at 20-60 tca parallel to fragmented/deformed qtz-carb stringers, very rubbled and broken core, sharp contact at 2.60 m @ 70 tca</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p style="margin-left: 40px;">CHL 2 PRV</p>									
2.60	4.40	Feature 1	PED53538	2.60	3.60	1.00	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">I1 <i>Mafic_intrusive</i></p> <p style="margin-left: 20px;">QLF: ALT MAS MIN</p> <p style="margin-left: 20px;">Mafic Intrusive: black, very fine grained, massive, prv bi alt, silicified, micro fracturing and stringers (1-2mm @ 10-80 tca) infilled with carbonate and sulphides, 3 % disseminated Po; local blebs (1-2mm), sharp contact at 4.4 m @ 55 tca</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SIL 2 PRV</p> <p style="margin-left: 40px;">BIO 3 PRV</p> <p style="margin-left: 20px;">Structure:</p> <p style="margin-left: 20px;">2.60 - 2.60 Alpha: 70 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">CS 3 CA1: CA2:</p>									
		<p style="margin-left: 20px;">Mineralization Maj. : <i>Type/GSZ%/HABIT</i></p> <p style="margin-left: 20px;">Comment</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)		
	2.60 - 4.40	PO	GS1	3	DIS	3 % disseminated Po; local blebs (1-2mm)											
4.40	85.05	Feature 1					PED53541	4.40	5.40	1.00	0.00	<0.005	-	-			
		Type					PED53542	5.40	6.00	0.60	0.02	0.016	-	-			
		E0B	Komatiitic_basalt	Dyke	%	Thickness	Colour	Vein		PED53543	6.00	7.00	1.00	0.01	0.007	-	-
				<input type="checkbox"/>	95	0	GYM	C		PED53545	7.00	8.00	1.00	0.07	0.072	-	-
		QLF: ALT DEFS FLD					PED53546	8.00	9.00	1.00	0.03	0.034	-	-			
		Talc-rich Komatiitic Basalt: Fine grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), minor local spinifex texture, strong deformation throughout with folding/fracturing/foliation fabrics present, strong pervassive chl alteration and strong patchy talc alteration throughout, serpentine alteration in veining, veining consist of 5% irregular/ fragmented/boudinaged/ folded qtz-carb stringers and veinlets which are parallel to the local foliation/fracture orientation @ 35 to 75 tca, local strong foliation fabric @ 45-65 tca with strong fracturing (3-10/m) parallel to foliation fabric, large sections of highly broken up core throughout entire unit. From 4.4 to 83.5 m there is a rubbly breccia texture (flow top breccia) with numerous slicked and polished curvilinear fractures infilled with chl-talc, Lower contact at 85.05 m @ 40 tca					PED53547	9.00	10.00	1.00	0.00	<0.005	-	-			
										PED53548	10.00	11.00	1.00	0.01	0.014	-	-
										PED53549	11.00	12.00	1.00	0.00	<0.005	-	-
										PED53550	12.00	13.00	1.00	0.00	<0.005	-	-
										PED53551	13.00	14.00	1.00	0.01	0.010	-	-
										PED53552	14.00	15.00	1.00	0.01	0.007	-	-
		Alteration :	Type/Intensity/Texture							PED53553	15.00	16.00	1.00	0.01	0.005	-	-
			TLC	3	PCH					PED53554	16.00	17.00	1.00	0.07	0.067	-	-
			CHL	3	PRV					PED53555	17.00	18.00	1.00	0.02	0.017	-	-
			BIO	1	PRV					PED53556	18.00	19.00	1.00	0.04	0.042	-	-
		Structure:								PED53557	19.00	20.00	1.00	0.01	0.007	-	-
	4.40 - 4.40	Alpha:	55	Beta:	0					PED53558	20.00	21.00	1.00	0.00	<0.005	-	-
		Type/GEN/Intensity		CA1: CA2:						PED53559	21.00	22.00	1.00	0.01	0.009	-	-
		CS	3							PED53560	22.00	23.00	1.00	0.02	0.021	-	-
										PED53562	23.00	24.00	1.00	0.00	<0.005	-	-
		Feature 2:								PED53563	24.00	25.00	1.00	0.00	<0.005	-	-
		Type		Dyke	%	Thickness	Colour	Vein		PED53564	25.00	26.00	1.00	0.01	0.005	-	-
		V3	Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT			PED53565	26.00	27.00	1.00	0.02	0.018	-	-
		QLF: ALT DEFS FLD					PED53567	27.00	28.00	1.00	0.00	<0.005	-	-			
										PED53568	28.00	29.00	1.00	0.01	0.008	-	-



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED53570	29.00	30.00	1.00	0.01	0.009	-	-	
			PED53571	30.00	31.00	1.00	0.00	<0.005	-	-	
			PED53572	31.00	32.00	1.00	0.00	<0.005	-	-	
			PED53573	32.00	33.00	1.00	0.01	0.006	-	-	
			PED53574	33.00	34.00	1.00	0.01	0.007	-	-	
			PED53575	34.00	35.00	1.00	0.00	<0.005	-	-	
			PED53577	35.00	36.00	1.00	0.00	<0.005	-	-	
			PED53578	84.05	85.05	1.00	0.01	0.011	-	-	
85.05	85.35	Feature 1	PED53579	85.05	85.35	0.30	0.01	0.013	-	-	
		<p>Type</p> <p>V3M Quartz_carbonate_vein_with_m <input checked="" type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>QLF: FRG MAS MAG</p> <p>Carbonate vein: white, fine-med grained, massive, fragments of komatiitic wall rock with magnetite, actinolite alteration infilling micro fracture space, sharp downhole contact at 85.35 m @ 20 tca</p> <p>Alteration : Type/Intensity/Texture</p> <p>AC 1 FF</p> <p>Structure:</p> <p>85.05 - 85.05 Alpha: 40 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CS 3</p>									
85.35	133.20	Feature 1	PED53581	85.35	86.35	1.00	0.00	<0.005	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>QLF: ALT GS1 DEFW</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)													
		<p>Komatiitic Basalt: dark green, fine grained, moderate prv bi alt; strong prv chl alt; patchy talc alt zones, massive to weak foliation (@ 35 - 55 tca) proximal to folded/ boudinaged qtz-cb threads and stringers (3-4/m), local breccia zones and flow textures, rubbled/ broken zones from 93.6 - 94.6m; 99 - 99.20m 105 - 108 m; 131.6 - 132m, trace very fine disseminated sulphides; increased Po in stringers, sharp downhole contact at 133.2 m @ 40 tca adjacent silicified breccia zone.</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 3 PCH</p> <p>CHL 3 PRV</p> <p>BIO 2 PRV</p> <p>Structure:</p> <p>85.35 - 85.35 Alpha: 20 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CS 3</p>																						
133.20	137.05	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT HEA FTB</p> <p>Komatiitic Basalt: dark green/grey, fine grained, massive, prv bi+chl+tlc altered, silicified, fragmental flow top breccia zone, trace fine grained disseminated sulphides (Po) local to fracture filling, sharp down hole contact at 137.05 @ 10 tca</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 3 PRV</p> <p>TLC 3 PRV</p> <p>CHL 3 PRV</p> <p>Structure:</p> <p>133.20 - 133.20 Alpha: 40 Beta: 0</p>											Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM	
Type	Dyke	%	Thickness	Colour	Vein																			
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																				



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CS 3									
137.05	152.25	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
		QLF: ALT DEF FOL									
		Talc-rich Komatiitic Basalt: Fine grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), minor local spinfex texture, strong background veining deformed throughout with folding/fracturing/foliation fabrics present, strong pervassive chl alteration and strong patchy talc alteration throughout, serpentine alteration in veining, veining consist of 5% irregular/ fragmented/boudinaged/ folded qtz-carb stringers and veinlets, strong polished fracturing (3-5/m) parallel to foliation fabric, small 10cm sections of broken up core throughout unit, numerous slicked and polished curvilinear fractures infilled with chl-talc, trace disseminated sulphides, gradational change from stringer zone to minor veining around 152.25m									
		Alteration :	Type/Intensity/Texture								
			TLC 2 PCH								
			CHL 3 PRV								
			BIO 1 PRV								
		Structure:									
		137.05 - 137.05	Alpha: 10	Beta: 0							
		Type/GEN/Intensity CS 3									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	MIX	S				
		QLF: ALT DEF FOL									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
152.25	177.90	Feature 1	PED53582	175.90	176.90	1.00	0.00	<0.005	-	-	
		Type	PED53583	176.90	177.90	1.00	0.04	0.037	-	-	
		E0B Komatiitic_basalt									
		QLF: ALT FTB FRA									
		Komatiitic Basalt: dark green, fine grained, moderate prv bi alt; strong prv chl alt; patchy talc alt zones, massive to weak foliation (@ 30 - 60 tca) proximal to folded/ boudinaged qtz-cb threads and stringers (3-4/m), local breccia zones and flow textures, strongly rubbled/ broken zones from 155 - 156.70 m ; 158.80 - 159 m (fault gouge); 162 - 168 m, polished planar fractures surfaces (10 fractures per meter @ 40 - 70 tca; fracturing stops downhole around 175.5 m about 1.5 m from sharp hi-ti basalt contact (chill margin?) trace very fine disseminated sulphides; 1-2mm blebs local to discrete veins, sharp downhole contact at 177.90 m									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PRV									
		BIO 2 PRV									
		Structure:									
		152.25 - 152.25 Alpha:									
		Type/GEN/Intensity									
		CG									
		Beta: 0									
		CA1: CA2:									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
177.90	194.40	Feature 1	PED53584	177.90	178.90	1.00	0.00	<0.005	-	-	
		Type	PED53586	178.90	179.90	1.00	0.35	0.351	-	-	
		E1H High_titanium_basalt	PED53587	179.90	181.00	1.10	0.07	0.066	-	-	
		QLF: ALT DEF FRA	PED53588	181.00	182.00	1.00	0.24	0.235	-	-	
		High-Ti Basalt: black, fine grained, massive, pervasive silica - biotite + calcite alt, fragmented/ folded/ boudinaged qtz-carb stringers and veinlets (3-4/m @ 20 - 40 tca), microfracturing infilled with biotite, trace to 1% fine grained disseminated Arseno and pyrite, lower contact with Komatiitic Basalt sharp at 194.40 @ 50 tca	PED53590	182.00	183.00	1.00	0.10	0.104	-	-	
			PED53591	183.00	184.00	1.00	0.19	0.187	-	-	
			PED53592	184.00	185.00	1.00	0.17	0.169	-	-	
			PED53593	185.00	186.00	1.00	0.15	0.146	-	-	
		Alteration :	PED53595	186.00	187.00	1.00	0.14	0.137	-	-	
		Type/Intensity/Texture	PED53596	187.00	188.00	1.00	0.03	0.027	-	-	
		CBC 2 PCH	PED53597	188.00	189.00	1.00	0.02	0.018	-	-	
		SIL 2 PRV	PED53598	189.00	190.00	1.00	0.00	<0.005	-	-	
		BIO 2 PRV	PED53599	190.00	191.00	1.00	0.00	<0.005	-	-	
		Structure:	PED53600	191.00	192.00	1.00	0.00	<0.005	-	-	
		177.90 - 177.90 Alpha: 45 Beta: 0	PED53601	192.00	193.00	1.00	0.01	0.005	-	-	
		Type/GEN/Intensity	PED53602	193.00	194.00	1.00	0.01	0.012	-	-	
		CS 3 CA1: CA2:	PED53603	194.00	194.40	0.40	0.02	0.015	-	-	
194.40	200.75	Feature 1	PED53604	194.40	195.40	1.00	0.01	0.005	-	-	
		Type	PED53605	199.75	200.75	1.00	0.01	0.010	-	-	
		E0B Komatiitic_basalt									
		QLF: ALT DEF FTB									
		Komatiitic Basalt: dark green, fine grained, moderate prv bi + chl alt; patchy talc alt zones, massive to weak foliation (@ 30 - 70 tca) proximal to folded/ boudinaged qtz-cb threads and stringers (5-6/m), local breccia zones and flow textures, strongly rubbled/ broken zone from 194.6 - 195.6 m, polished planar fractures surfaces (3-4/m @ 30 - 70 tca), trace very fine disseminated sulphides, sharp downhole contact at 200.75 @ 45 tca									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									



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Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 2 PRV BIO 2 PRV									
		Structure: 194.40 - 194.40 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
200.75	211.15	Feature 1	PED53606	200.75	201.40	0.65	0.02	0.021	-	-	
		Type Dyke % Thickness Colour Vein	PED53607	201.40	202.00	0.60	0.01	0.008	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 GND	PED53608	202.00	203.00	1.00	0.00	<0.005	-	-	
		QLF: ALT FLD MAS	PED53609	203.00	204.00	1.00	0.01	0.005	-	-	
		High-Ti Basalt: black, fine grained, massive, pervasive biotite + chl alt, fragmented/ folded/ boudinaged qtz-carb stringers and veinlets (3-4/m @ 30 - 60 tca), trace fine grained disseminated sulphides, lower sharp contact with Komatiitic Basalt at 211.15 m @ 65 tca	PED53611	204.00	205.00	1.00	0.02	0.015	-	-	
			PED53612	205.00	206.00	1.00	0.01	0.010	-	-	
			PED53613	206.00	207.00	1.00	0.01	0.010	-	-	
		Alteration : Type/Intensity/Texture	PED53614	207.00	208.00	1.00	0.02	0.016	-	-	
		CHL 3 PRV	PED53615	208.00	209.00	1.00	0.00	<0.005	-	-	
		BIO 2 PRV	PED53616	209.00	210.00	1.00	0.00	<0.005	-	-	
		Structure: 200.75 - 200.75 Alpha: 45 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3	PED53617	210.00	211.15	1.15	0.01	0.008	-	-	
211.15	243.40	Feature 1	PED53619	211.15	212.15	1.00	0.00	<0.005	-	-	
		Type Dyke % Thickness Colour Vein	PED53620	242.40	243.40	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 95 0 GNM									



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- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)																										
		<p>QLF: ALT FTB DEFS</p> <p>Talc rich komatiite: dark green, fine grained, moderate prv bi + chl alt; strong prv talc alt, massive to weak foliation (@ 25 - 70 tca) proximal to deformed/folded/ boudinaged qtz-cb-act threads and stringers (10/m), local flow top breccia zones and flow textures with smooth planar fractures surfaces (2-3/m @ 20 - 70 tca), trace very fine disseminated sulphides, sharp downhole contact at 243.40 @ 40 tca</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-left: 20px;">Type/Intensity/Texture</td> </tr> <tr> <td>TLC 3 PRV</td> </tr> <tr> <td>CHL 2 PRV</td> </tr> <tr> <td>BIO 2 PRV</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>211.15 - 211.15</td> <td>Alpha: 65</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CS 3</td> <td></td> </tr> </table> <p>Feature 2:</p> <table style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> <p>QLF: ALT FTB DEFS</p>	Type/Intensity/Texture	TLC 3 PRV	CHL 2 PRV	BIO 2 PRV	211.15 - 211.15	Alpha: 65	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CS 3		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2A Quartz_carb_actinolite_vein	☐	5	0	GYM	S										
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V2A Quartz_carb_actinolite_vein	☐	5	0	GYM	S																																
243.40	249.50	<p>Feature 1</p> <table style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MIN FRA</p> <p>High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, massive textured to weakly developed foliation/brecciated fabric @ 20 to 40 tca, strong pervassive silica-bio alteration, garnetiferous, weakly fractured @ 10 - 40 tca (2/m), 5% planar qtz-act veinlets containing brecciated wallrock fragments (2 cm) @ 20 to 40 tca, 1% fine grained disseminated sulphides, lower sharp contact with Komatiitic</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E1H High_titanium_basalt	☐	95	0	GND		PED53621	243.40	244.40	1.00	0.02	0.019	-	-															
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																																
E1H High_titanium_basalt	☐	95	0	GND																																	
			PED53623	244.40	245.00	0.60	0.01	0.012	-	-																											
			PED53625	245.00	246.00	1.00	0.03	0.027	-	-																											
			PED53626	246.00	247.00	1.00	0.02	0.024	-	-																											
			PED53627	247.00	248.00	1.00	0.02	0.020	-	-																											
			PED53629	248.00	249.00	1.00	0.01	0.014	-	-																											
			PED53630	249.00	249.50	0.50	0.02	0.019	-	-																											



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Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		basalt @ 20 tca.									
		Alteration : Type/Intensity/Texture GRN 2 PCH SIL 2 PRV BIO 3 PRV									
		Structure: 243.40 - 243.40 Alpha: 40 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
		Mineralization Maj. : Type/GSZ%/HABIT 243.40 - SU GS1 0 DIS 249.50 Comment High-Ti Basalt: 1% fine grained disseminated sulphides									
		Feature 2: Type Dyke % Thickness Colour Vein V3 Quartz_carbonate vein □ 5 0 WHT F QLF: ALT MIN FRA Alteration : Type/Intensity/Texture CB 2 VND									
249.50	295.65	Feature 1	PED53631	249.50	250.50	1.00	0.00	<0.005	-	-	
		Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt □ 95 0 GNM QLF: ALT FLD FTB Komatiitic Basalt: dark green, fine grained, moderate prv bi + chl alt; patchy talc alt zones, massive to weak foliation (@ 10 - 55 tca) proximal to folded/ boudinaged qtz-cb threads and stringers (10/m), local breccia zones and flow textures, smooth planar fractures surfaces (3-4/m @ 30 - 55tca) with broken/discs core between 282 - 286 m; 303 - 304m, trace very fine disseminated sulphides, sharp downhole contact at 295.65	PED53632	294.65	295.65	1.00	0.13	0.130	-	-	



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Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)												
		m @ 70 tca																					
		<p>Alteration : Type/Intensity/Texture</p> <p>TLC 3 PCH</p> <p>CHL 2 PRV</p> <p>BIO 2 PRV</p>																					
		<p>Structure:</p> <p>249.50 - 249.50 Alpha: 20 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CS 3</p>																					
		<p>Feature 2:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V2A <i>Quartz_carb_actinolite_vein</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> <p>QLF: ALT FLD FTB</p> <p>Alteration : Type/Intensity/Texture</p> <p>SRP 1 PCH</p> <p>CB 1 VND</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2A <i>Quartz_carb_actinolite_vein</i>	<input type="checkbox"/>	5	0	WHT	S									
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
V2A <i>Quartz_carb_actinolite_vein</i>	<input type="checkbox"/>	5	0	WHT	S																		
295.65	297.45	Feature 1	PED53633	295.65	296.55	0.90	0.05	0.045	-	-													
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E1H <i>High_titanium_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL GS1</p> <p>High - Ti Basalt: black , fine - medium grained, massive to weakly foliated at 55 - 60 tca, prv bi alt, silicified, deformed qtz - carb threads and stringers (2-3 / m @ 20 - 50 tca), 1% fine grained disseminated sulphides, sharp contact at 297.45 @ 70 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK		PED53635	296.55	297.45	0.90	0.00	<0.005	-	-	
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK																			
		<p>Alteration : Type/Intensity/Texture</p>																					



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Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 2 PRV									
		Structure:									
	295.65 - 295.65	Alpha: 70 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
297.45	351.25	Feature 1	PED53637	297.45	298.45	1.00	0.03	0.026	-	-	
		Type	PED53638	350.25	351.25	1.00	0.01	0.011	-	-	
		Dyke % Thickness Colour Vein									
		E0T Talc_rich_unit <input type="checkbox"/> 0 0 GNM									
		QLF: ALT CRN DEFS									
		Talc-rich Komatiitic Basalt: Fine grained, dark greenish-grey colour , crenulated foliation textures (flow top breccia), local spinifex texture, strong prv chl + talc alteration, serpentine alteration in veining, veining consists of irregular/ fragmented/boudinaged/ folded qtz-carb stringers and veinlets which are parallel to the local foliation/fracture orientation @ 35 to 75 tca, numerous slicked and polished fractures infilled with chl-talc (5-6/m At 30-70tca), trace fine grained disseminated sulphides, sharp lower contact at 351.25 @ 30tca									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PRV									
		CHL 3 PRV									
		BIO 2 PRV									
		Structure:									
	297.45 - 297.45	Alpha: 70 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									



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Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Geochemical Data					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
351.25	364.60	Feature 1	PED53639	351.25	352.25	1.00	1.33	1.330	-	-		
		Type	PED53640	352.25	353.00	0.75	0.65	0.645	-	-		
		I3 Felsic_intrusive	PED53641	353.00	354.00	1.00	2.72	2.720	-	-		
		QLF: ALT FRA GS1	PED53642	354.00	355.00	1.00	0.52	0.521	-	-		
		Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, stong planar fracturing @ 30 tca (1/m) and @25 - 50 tca (1-3/m) black infill, planar to fragmented white qtz-carb threads and stringers @ 30 tca (0.5 to 1 cm wide), trace to 1% fine-grained disseminated sulphides, sharp contact with Komatiitic Basalt at 364.6 @ 50 tca.	PED53643	355.00	356.00	1.00	0.52	0.516	-	-		
			PED53644	356.00	357.00	1.00	0.41	0.411	-	-		
			PED53645	357.00	358.00	1.00	0.51	0.513	-	-		
			PED53646	358.00	359.00	1.00	0.83	0.827	-	-		
		Alteration :	PED53647	359.00	360.00	1.00	1.17	1.170	-	-		
		Type/Intensity/Texture	PED53648	360.00	361.00	1.00	0.69	0.694	-	-		
		SER 2 LOC	PED53649	361.00	362.00	1.00	0.77	0.767	-	-		
		CHL 2 PRV	PED53650	362.00	363.00	1.00	0.46	0.458	-	-		
		BIO 3 PRV	PED53651	363.00	364.00	1.00	0.54	0.542	-	-		
		Structure:	PED53653	364.00	364.60	0.60	0.40	0.403	-	-		
		351.25 - 351.25 Alpha: 30 Beta: 0	PED53654	364.60	365.60	1.00	0.12	0.116	-	-		
364.60	369.25	Feature 1	PED53655	368.25	369.25	1.00	0.07	0.069	-	-		
		Type										
		E0B Komatiitic_basalt										
		QLF:										
		Komatiitic basalt: dark green, fine grained, prv chl+bi alt; strong patchy talc alt, massive to weak foliation proximal to deformed/ fragmented qtz-carb stringers (4-5/m at 40 - 55 tca), trace fine grained disseminated sulphides, sharp lower contact @ 369.25 @ 20 tca with felsic intrusive										
		Alteration :										
		Type/Intensity/Texture										
		AMP										
		SIL										
		BIO										
		Structure:										
		364.60 - 364.60 Alpha: 50 Beta: 0										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CS 3									
369.25	372.45	Feature 1	PED53656	369.25	370.00	0.75	0.18	0.183	-	-	
		Type	PED53657	370.00	371.00	1.00	0.65	0.649	-	-	
		I3 Felsic_intrusive	PED53658	371.00	372.00	1.00	0.31	0.308	-	-	
		QLF: ALT FRA DEF	PED53659	372.00	372.45	0.45	0.13	0.130	-	-	
		Felsic Dyke: Fine to med-grained, prv bi alt, mottled brownish colour, massive textured, stong planar fracturing @ 15 tca (1/m) and chaotic black line microfracturing, planar to fragmented white qtz-carb threads and stringers @ 30 - 70 tca (0.5 to 1 cm wide), trace to fine-grained disseminated sulphides, sharp contact with Komatiitic Basalt at 372.45 @ 35 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 3 PRV									
		BIO 2 PRV									
		Structure:									
		369.25 - 369.25									
		Alpha: 20									
		Beta: 0									
		Type/GEN/Intensity									
		CS 3									
372.45	372.80	Feature 1	PED53660	372.45	372.80	0.35	0.31	0.314	-	-	
		Type									
		V2_BX Quartz_Vein_with_Fragments									
		QLF: BRX FRG ALT									
		Brecciated Quartz Vein: white quartz vein with green komatiite fragments (1-2cm), prv chl alt; silicified; actinolite fracture fill, sharp lower contact with felsic intrusive at 372.80 m @ 75 tca									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Alteration :	Type/Intensity/Texture									
			CHL 2 PRV									
			SIL 3 PRV									
			AC 2 FF									
		Structure:										
		372.45 - 372.45	Alpha: 35		Beta: 0							
			Type/GEN/Intensity		CA1: CA2:							
			CS 3									
372.80	378.00	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	GYM						
		QLF: ALT FRA DEF										
		Felsic Dyke: Fine to med-grained, prv bi alt; patchy sericite; silicified, mottled brownish colour, massive textured, chaotic black line microfracturing, planar to fragmented white qtz-carb threads and stringers @ 20 - 65 tca (0.5 to 1 cm wide), trace fine grained disseminated sulphides, sharp contact at 378 @ 25 tca										
			PED53662	372.80	373.80	1.00	0.33	0.331	-	-		
			PED53663	373.80	374.80	1.00	0.88	0.877	-	-		
			PED53664	374.80	375.50	0.70	0.51	0.509	-	-		
			PED53665	375.50	376.20	0.70	1.63	1.630	-	-		
			PED53666	376.20	377.00	0.80	0.64	0.644	-	-		
			PED53667	377.00	378.00	1.00	0.91	0.911	-	-		
		Alteration :	Type/Intensity/Texture									
			SER 2 PCH									
			SIL 3 PRV									
			BIO 3 PRV									
		Structure:										
		372.80 - 372.80	Alpha: 75		Beta: 0							
			Type/GEN/Intensity		CA1: CA2:							
			CS 3									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
378.00	379.50	Feature 1	PED53669	378.00	378.50	0.50	0.05	0.051	-	-	
		Type	PED53670	378.50	379.50	1.00	0.02	0.016	-	-	
		E0B Komatiitic_basalt									
		QLF: ALT MAS FRG									
		komatiitic basalt: dark green, fine grained, massive, prv bi +chl alt; strong patchy talc alt, no significant veining; minor fragments of carbonate stringers, smooth planar joints infilled with talc (2/m @ 60 tca), sharp downhole contact @ 379.5 m @80 tca									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PRV									
		BIO 2 PRV									
		Structure:									
		378.00 - 378.00 Alpha: 25 Beta: 0									
		Type/GEN/Intensity									
		CS 2 CA1: CA2:									
379.50	386.25	Feature 1	PED53671	379.50	380.00	0.50	1.05	1.050	-	-	
		Type	PED53673	380.00	380.35	0.35	0.39	0.388	-	-	
		I3 Felsic_intrusive	PED53674	380.35	381.35	1.00	0.53	0.530	-	-	
		QLF: ALT DEFW FRG	PED53675	381.35	382.35	1.00	0.53	0.529	-	-	
		Felsic dyke: mottled reddish-brown grey mix, fine grained, strong prv bi alt; strong patchy chl, weak foliation @ 30 tca parallel to fragmented/ folded qtz-carb stringers and veinlets, chaotic microfracturing infilled with biotite, trace disseminated sulphides, sharp downhole contact with komatiitic basalt at 387.25 @ 50 tca	PED53677	382.35	383.00	0.65	0.26	0.257	-	-	
			PED53678	383.00	384.00	1.00	0.43	0.425	-	-	
			PED53679	384.00	385.00	1.00	0.48	0.476	-	-	
		Alteration :	PED53680	385.00	385.90	0.90	0.35	0.352	-	-	
		Type/Intensity/Texture	PED53681	385.90	386.25	0.35	0.37	0.365	-	-	
		CHL 3 PCH									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 PRV									
		Structure:									
	379.50 - 379.50	Alpha: 80 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
386.25	397.00	Feature 1	PED53682	386.25	387.25	1.00	0.08	0.080	-	-	
		Type	PED53683	396.00	397.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt									
		QLF: ALT MAS DEFW									
		komatiitic basalt: dark green, fine grained, massive, prv bi +chl alt; strong patchy talc alt zones; silicified, minor fragmental/folded qtz-carb stringers, sharp downhole contact @ 397 m @ 40 tca									
		Alteration :									
		Type/Intensity/Texture									
		SIL 2 PRV									
		CHL 3 PRV									
		BIO 3 PRV									
		Structure:									
	387.25 - 387.25	Alpha: 50 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
397.00	398.35	Feature 1	PED53684	397.00	398.00	1.00	0.36	0.361	-	-	
		Type	PED53685	398.00	398.35	0.35	0.28	0.280	-	-	
		I3 Felsic_intrusive									
		Dyke <input checked="" type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour GYM									
		Vein									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		<p>QLF: ALT FRA DEFW</p> <p>felsic dyke: grey, fine grained, massive, strong prv chl alt; patchy bi alt, microfracturing infilled @ 20-40 with chlorite, trace fine grained disseminated sulphides, irregular contact at 398.35 m</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 FF</p> <p style="margin-left: 40px;">BIO 2 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>397.00 - 397.00 Alpha: 40 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CS 3</p>										
398.35	399.30	<p>Feature 1</p> <p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt</p> <p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 40px;"><input type="checkbox"/> 0 0 GND</p> <p>QLF: ALT DEFW FRG</p> <p>komatiitic basalt: dark green, fine grained, massive, prv bi +chl alt; patchy talc alt; silicified, fragmental/folded qtz-carb stringers @ ~50 tca, sharp downhole contact @ 399.3 m @ 45 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p style="margin-left: 40px;">BIO 2 PRV</p> <p>Structure:</p> <p>398.35 - 398.35 Alpha: Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">Cl 3</p>	PED53686	398.35	399.30	0.95	0.11	0.109	-	-		



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- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
399.30	401.10	Feature 1	PED53687	399.30	400.10	0.80	0.26	0.256	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">I3 Felsic_intrusive</p> <p style="margin-left: 20px;">QLF: ALT DEFW GS1</p> <p style="margin-left: 20px;">felsic dyke: grey, fine grained, massive, strong prv chl alt; weak prv bi alt, microfracturing @ 20-40 infilled with chlorite, trace fine grained disseminated sulphides, sharp contact at 401.10 m @ 80 tca</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 3 FF</p> <p style="margin-left: 40px;">CHL 2 PRV</p> <p style="margin-left: 40px;">BIO 1 PRV</p> <p style="margin-left: 20px;">Structure:</p> <p style="margin-left: 20px;">399.30 - 399.31 Alpha: 80 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 20px;">Cl 2</p>	PED53688	400.10	401.10	1.00	0.30	0.295	-	-	
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> 0 0 GYM</p>									
401.10	440.95	Feature 1	PED53690	401.10	402.10	1.00	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0B Komatiitic_basalt</p> <p style="margin-left: 20px;">QLF: ALT FTB DEF</p> <p style="margin-left: 20px;">komatiitic basalt: dark green, fine grained, massive to weak foliation proximal to stringers (30 - 55 tca), strong prv bi +chl alt; strong patchy talc alt zones; silicified zones, fragmental/folded qtz-carb stringers, healed crenulated fractures (carb infill), fragmented breccia zones (flow top breccia) and local flow textures, sharp downhole contact @ 440.95 m @ 80 tca</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p>	PED53691	440.20	441.20	1.00	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input type="checkbox"/> 0 0 GNM</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		TLC 3 PCH CHL 3 PRV BIO 3 PRV									
		Structure: 401.10 - 401.10 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
440.95	441.05	Feature 1									
		Type Dyke % Thickness Colour Vein V2_BX Quartz_Vein_with_Fragments <input checked="" type="checkbox"/> 0 0 WHT									
		QLF: DEF FRA FRG Quartz-Carb breccia vein: intrusive qtz-carb vein with 0.5 - 1 cm fragmental EOB, trace sulphide blebs (1-2mm), sharp top and bottom contacts at 80 and 60 tca respectively									
		Alteration : Type/Intensity/Texture AC 1 FF									
		Structure: 440.95 - 440.95 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
		441.05 - 441.05 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									



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Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
441.05	456.05	Feature 1	PED53692	441.20	442.00	0.80	0.36	0.362	-	-
		Type	PED53693	442.00	443.00	1.00	0.67	0.669	-	-
		I3 Felsic_intrusive	PED53694	443.00	444.00	1.00	0.37	0.372	-	-
		QLF: ALT DEF GS1	PED53695	444.00	445.00	1.00	0.49	0.494	-	-
		felsic intrusive: grey- brown mix , fine - medium grained, weakly foliated at 35 - 65 tca, strong prv biotite alt; weak patchy chl alt, black line faults (2/m @ 20-30tca), minor fragmented smokey qtz/ qtz-carb-act threads and stringers (5/m @ 25 - 70 tca), trace disseminated sulphides; local 1-2mm blebs, sharp downhole contact at 456.05 @50 tca	PED53696	445.00	446.00	1.00	0.65	0.652	-	-
			PED53697	446.00	447.00	1.00	0.43	0.433	-	-
			PED53698	447.00	448.00	1.00	0.22	0.216	-	-
			PED53699	448.00	449.00	1.00	0.14	0.141	-	-
		Alteration :	PED53700	449.00	450.00	1.00	0.16	0.160	-	-
		Type/Intensity/Texture	PED53701	450.00	451.00	1.00	0.06	0.064	-	-
		BIO 2 FF	PED53702	451.00	452.00	1.00	0.25	0.249	-	-
		CHL 1 PCH	PED53703	452.00	453.00	1.00	0.28	0.284	-	-
		BIO 3 PRV	PED53704	453.00	454.00	1.00	0.42	0.424	-	-
			PED53706	454.00	455.00	1.00	0.70	0.699	-	-
			PED53707	455.00	456.05	1.05	0.61	0.613	-	-
456.05	473.65	Feature 1	PED53708	456.05	457.05	1.00	0.06	0.058	-	-
			PED53709	472.65	473.65	1.00	0.10	0.102	-	-
		Type								
		E0B Komatiitic_basalt								
		QLF: ALT FTB DEF								
		komatiitic basalt: green, fine grained, massive, strong prv bi+chl alt; patchy talc alt zones; prv to patchy silicification, carbonate threads (5 - 10 /m @ 40 - 50 tca), fragmental breccia zones at 464 - 464.50m and 469.8 - 470.10 m, trace disseminated sulphides, irregular contact at 473.65 m								
		Alteration :								
		Type/Intensity/Texture								
		SIL 3 PCH								
		CHL 3 PRV								
		BIO 3 PRV								
		Structure:								



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- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
	456.05 - 456.05	Alpha: 50 Type/GEN/Intensity CS 3								
		Beta: 0 CA1: CA2:								
473.65	476.00	Feature 1	PED53710	473.65	474.65	1.00	0.13	0.127	-	-
		Type	PED53711	474.65	475.00	0.35	0.77	0.771	-	-
		I1 Mafic_intrusive	PED53712	475.00	476.00	1.00	0.10	0.103	-	-
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein								
		0 0 BLK								
		QLF: ALT FOL MIN								
		Mafic Dyke: Fine-grained, dark greenish-brown colour, prv bi alt; patchy carb alt, massive textured to weakly foliated @ 45-55 tca, weak qtz - carb threads and stringers (1-3/m) @ 30-45 tca, 1% fine grained disseminated Po to local 1-2 mm Po blebs, sharp contact at 476 @ 45 tca.								
		Alteration :								
		Type/Intensity/Texture								
		CB 3 VND								
		CB 1 PCH								
		BIO 3 PRV								
		Structure:								
	473.65 - 473.65	Alpha:								
		Type/GEN/Intensity								
		Cl								
		Beta: 0 CA1: CA2:								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
	473.65 - 476.00	PO GS1 1 DIS								
		Comment								
		mafic dyke: 1% fine grained disseminated Po to local 1-2 mm Po blebs,								
476.00	478.30	Feature 1	PED53713	476.00	477.00	1.00	0.07	0.069	-	-
		Type	PED53714	477.30	478.30	1.00	0.00	<0.005	-	-
		E0B Komatiitic_basalt								
		Dyke <input type="checkbox"/> % Thickness Colour Vein								
		0 0 GNM								



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																									
		<p>QLF: ALT MAS GS1</p> <p>komatiitic basalt: dark green-brown, fine grained massive, strong prv bi + chl alt; minor prv talc, no significant veining, trace disseminated sulphides, sharp lower contact at 478.30 m @ 65 tca</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>TLC</td> <td>1 PRV</td> </tr> <tr> <td>CHL</td> <td>3 PRV</td> </tr> <tr> <td>BIO</td> <td>3 PRV</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>476.00 - 476.00</td> <td>Alpha: 45</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CS 3</td> <td></td> </tr> <tr> <td>478.00 - 478.10</td> <td>Alpha: 10</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>FRA 3</td> <td></td> </tr> </table>	Type/Intensity/Texture		TLC	1 PRV	CHL	3 PRV	BIO	3 PRV	476.00 - 476.00	Alpha: 45	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CS 3		478.00 - 478.10	Alpha: 10	Beta: 0		Type/GEN/Intensity	CA1: CA2:		FRA 3									
Type/Intensity/Texture																																				
TLC	1 PRV																																			
CHL	3 PRV																																			
BIO	3 PRV																																			
476.00 - 476.00	Alpha: 45	Beta: 0																																		
	Type/GEN/Intensity	CA1: CA2:																																		
	CS 3																																			
478.00 - 478.10	Alpha: 10	Beta: 0																																		
	Type/GEN/Intensity	CA1: CA2:																																		
	FRA 3																																			
478.30	479.95	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E1H <i>High_titanium_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BLK</td> <td></td> </tr> </table> <p>QLF: ALT DEFW GS1</p> <p>High-Ti Basalt: Fine-grained, dark greenish-brown colour, prv bi alt; patchy carb alt, massive textured to weakly foliated @ 45-55 tca, weak qtz - carb threads and stringers (1-3/m) @ 45 - 70 tca, V2_bx from 479.25 - 479.4m, 1% fine grained disseminated Po to local 1-2 mm Po blebs, sharp contact at 479.95 @ 50</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CB</td> <td>3 PCH</td> </tr> <tr> <td>BIO</td> <td>3 PRV</td> </tr> </table> <p>Structure:</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK		Type/Intensity/Texture		CB	3 PCH	BIO	3 PRV	PED53715	478.30	479.30	1.00	0.27	0.272	-	-								
Type	Dyke	%	Thickness	Colour	Vein																															
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK																																
Type/Intensity/Texture																																				
CB	3 PCH																																			
BIO	3 PRV																																			
			PED53716	479.30	479.95	0.65	0.24	0.242	-	-																										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	479.25 - 479.40	Alpha: 70 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: 60 CA2: 80									
	478.30 - 479.95	Mineralization Maj. : Type/GSZ%/HABIT PO GS1 1 DIS									
		Comment E1H: 1% fine grained disseminated Po to local 1-2 mm Po blebs,									
479.95	487.05	Feature 1									
		Type E0B Komatiitic_basalt									
		Dyke % Thickness Colour Vein □ 60 0 GNM									
		QLF: ALT FRG DEFS									
		High-Ti Basalt and Komatiitic Basalt mixed zone: Fine grained, mottled greenish-brown colour, strong breccia fabric @ 60-70 tca with mixed clasts of High-Ti Basalt and Komatiitic Basalt, strong bio+ chl alteration; silicified, 5% fragmented/folded silicified whitish-grey Qtz-carb-act threads and stringers at various angles, 1% very fine disseminated sulphides; minor Po (1-2mm) blebs proximal to deformed veining, sharp contact at 487.05 @ 60 tca									
		Alteration : Type/Intensity/Texture BIO 3 PRV SIL 2 PRV CHL 3 PRV									
		Structure: Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
		Feature 2:									
		Type Dyke % Thickness Colour Vein									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E1H High_titanium_basalt <input type="checkbox"/> 40 0 BLK QLF: ALT FRG DEFS Alteration : Type/Intensity/Texture SIL 2 PCH BIO 3 PRV									
487.05	490.10	Feature 1	PED53727	487.00	488.00	1.00	0.02	0.022	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 95 0 GNL QLF: ALT MAS DEFS Komatiitic basalt: fine grained, massive, strong prv bi+chl alt; minor talc alt, 5% folded/ fragmental qtz - carb veinlets and stringers oriented from 30 - 70 tca, sharp contact at 490.10 m at 80 tca with tholeiitic basalt Alteration : Type/Intensity/Texture TLC 2 PCH CHL 3 PRV BIO 2 PRV	PED53728	489.40	490.40	1.00	0.08	0.080	-	-	
		Feature 2:									
		V3 Quartz_carbonate_vein <input type="checkbox"/> 5 0 WHT C QLF: ALT MAS DEFS Alteration : Type/Intensity/Texture CB 3 VND									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
490.10	497.20	Feature 1	PED53729	490.40	490.70	0.30	0.74	0.738	-	-	
		Type	PED53730	490.70	491.70	1.00	1.38	1.380	-	-	
		E1A Basalt	PED53731	492.30	493.30	1.00	3.94	3.940	-	-	
		QLF: ALT MAS GS1	PED53732	493.30	493.65	0.35	0.04	0.035	-	-	
		Tholeiitic basalt: grey, fine grained, massive, prv silica+biotite alt; patchy chl+carb alt, brecciated qtz veins at 490.50 - 490.65 m and 493.3 - 493.65 m, minor planar qtz- carb stringers and veinlets (4/m @ 30 tca), trace disseminated sulphides with 1-2mm blebs on joint surfaces, sharp downhole contact at 497.2 m @ 60 tca	PED53733	493.65	494.65	1.00	0.04	0.042	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CB 2 PCH									
		SIL 3 PRV									
		BIO 2 PRV									
		Structure:									
	490.10 - 490.10	Alpha: 80									
		Type/GEN/Intensity									
		CS 3									
		Beta: 0									
		CA1: CA2:									
	490.50 - 490.65	Alpha: 70									
		Type/GEN/Intensity									
		V2_BX 3									
		Beta: 0									
		CA1: CA2:									
		60 80									
	493.30 - 493.65	Alpha: 50									
		Type/GEN/Intensity									
		V2_BX 3									
		Beta: 0									
		CA1: CA2:									
		70 30									
		Feature 2:									
		Type									
		V2_BX Quartz_Vein_with_Fragments									
		QLF: ALT MAS GS1									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
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AC 3 FF

497.20	515.70	Feature 1	PED53734	514.65	515.65	1.00	0.00	<0.005	-	-
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	Type		Dyke	%	Thickness	Colour	Vein
E0B	Komatiitic_basalt		☐	90	0	GNM	S

QLF: ALT DEF FRG

Komatiitic basalt: fine grained, massive, strong prv bi+chl alt; patchy talc alt, 10% boudinaged/ fragmental qtz - carb - act veinlets and stringers oriented from 15 - 70 tca, sharp contact at 515.70m @ 70 tca with V2_bx contact vein

Alteration :

	Type/Intensity/Texture
	TLC 3 PCH
	CHL 3 PRV
	BIO 3 PRV

Structure:

497.20 - 497.20 Alpha: 60 Beta: 0

	Type/GEN/Intensity		CA1:	CA2:
	CS 3			

Feature 2:

	Type		Dyke	%	Thickness	Colour	Vein
V2A	Quartz_carb_actinolite_vein		☐	10	0	WHT	C

QLF: ALT DEF FRG

Alteration :

	Type/Intensity/Texture
	SIL 2 PRV
	CB 2 PRV
	AC 1 FF



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
515.70	515.85	Feature 1	PED53735	515.65	515.95	0.30	0.13	0.125	-	-	
		<p>Type</p> <p>V2_BX Quartz_Vein_with_Fragments <input checked="" type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>0 0 MIX</p> <p>QLF: ALT FRG DEF</p> <p>brecciated quartz vein: 0.5 - 1 cm fragmental komatiitic basalt in quartz vein, patchy sericite alt, actinolite alt fracture fill, sharp contact with E0B at 515.85 @ 80 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SER 2 PCH</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">AC 2 FF</p> <p>Structure:</p> <p>515.70 - 515.70 Alpha: 70 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD 3</p>									
515.85	519.40	Feature 1	PED53736	515.95	516.95	1.00	0.08	0.081	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>0 0 GYD</p> <p>QLF: ALT MAS GS1</p> <p>komatiitic basalt: dark green, fine grained, massive, prv bi+chl alt; becoming talc altered toward basal contact, no significant veining with minor planar threads of carbonate @ ~30 tca, local brecciated zones with 2- 3 cm fragments, sharp contact with intrusive qtz-actinolite vein at 519.40 m @ 80 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PCH</p>	PED53737	518.60	519.60	1.00	0.06	0.061	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 2 PRV BIO 3 PRV									
		Structure: 515.85 - 515.85 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CD 3									
519.40	519.60	Feature 1									
		Type V2A Quartz_carb_actinolite_vein	Dyke <input checked="" type="checkbox"/>	% 0	Thickness 0	Colour WHT	Vein F				
		QLF: ALT DEF FRG Qtz-carb-actinolite vein: white, fine grained, 0.5 - 1cm komatiitic basalt fragments, actinolite fracture fill, sharp basal dyke contact at 519.60m @ 80 tca									
		Alteration : SIL 1 PRV AC 2 FF									
		Structure: 519.40 - 519.40 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CD 3									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
519.60	522.80	Feature 1	PED53738	519.60	520.60	1.00	0.02	0.023	-	-
		Type	PED53740	520.60	521.00	0.40	0.03	0.027	-	-
		E1H High_titanium_basalt	PED53741	521.00	522.00	1.00	0.09	0.087	-	-
		QLF: ALT MIN GS1	PED53743	522.00	522.80	0.80	0.15	0.147	-	-
<p>HiTi Basalt (mineralized): black, fine grained, massive, strong prv silica-bio alt, no significant veining; minor qtz-carb-act threads (3-4 /m @ 30 - 80 tca); 2-3% disseminated Po; some thread and fracture infill, sharp contact 522.80 m @80 tca</p>										
<p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">SIL 1 PRV</p> <p style="padding-left: 40px;">BIO 3 PRV</p>										
<p>Structure:</p> <p>519.60 - 519.60 Alpha: 80 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">CD 3</p>										
<p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>519.60 - PO GS1 3 DIS 2-3% disseminated Po; some thread and fracture infill</p> <p>522.80</p>										
522.80	535.15	Feature 1	PED53744	522.80	523.80	1.00	0.34	0.340	-	-
		Type	PED53745	534.15	535.15	1.00	0.02	0.017	-	-
		E0B Komatiitic_basalt								
		QLF: ALT FRG MAS								
<p>komatiitic basalt: dark green-brown, fine grained, massive, strong prv bi + chl alt; weak prv talc; silicified zones, no significant veining; minor deformed/ fragmental qtz - carb stringers, trace disseminated sulphides, sharp lower contact at 535.15 m @ 55 tca</p>										
<p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">SIL 2 PCH</p>										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		TLC 1 PCH CHL 3 PRV									
535.15	542.75	Feature 1	PED53746	535.15	536.00	0.85	0.00	<0.005	-	-	
		Type	PED53748	536.00	537.00	1.00	0.26	0.261	-	-	
		E1H High_titanium_basalt	PED53749	537.00	538.00	1.00	0.00	<0.005	-	-	
		QLF: ALT MIN GS1	PED53750	538.00	539.00	1.00	0.00	<0.005	-	-	
		HiTi Basalt (mineralized): black, fine grained, massive, strong prv silica-bio alt, no significant veining; minor qtz-carb-act threads (3-4 /m @ 15 - 70 tca); 3% disseminated Po; some sulphide thread and fracture infill, sharp contact 542.75m @80 tca	PED65001	539.00	540.00	1.00	0.00	<0.005	-	-	
			PED65002	540.00	541.00	1.00	0.00	<0.005	-	-	
			PED65003	541.00	542.00	1.00	0.00	<0.005	-	-	
			PED65005	542.00	542.75	0.75	0.01	0.012	-	-	
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 PRV									
		BIO 3 PRV									
		Structure:									
		535.15 - 535.15 Alpha: 55 Beta: 0									
		Type/GEN/Intensity									
		CS 3 CA1: CA2:									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		535.15 - 542.75 SU GS1 3 DIS									
		Comment									
		3% disseminated Po; some sulphide thread and fracture infill									
542.75	558.20	Feature 1	PED65006	542.75	543.75	1.00	16.95	>10.00	16.95	-	
		Type									
		E0T Talc_rich_unit									
		QLF: ALT MAS GS1									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		<p>talc-rich ultramafic: grey-green mix, fine grained, massive, strong prv chl + talc alt; moderate prv bi alt, no significant veining; minor fragmental/ bodinaged qtz-carb stringers (2/m @ 15 - 30 tca), sharp contact at 558.20 m @ 50 tca with lamp dyke</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 2 PRV</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>542.75 - 542.75 Alpha: 80 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CS 3</p>										
558.20	562.30	<p>Feature 1</p> <p style="margin-left: 20px;">Type</p> <p>IOE Lamprophyre</p> <p style="margin-left: 20px;">QLF: ALT MAS GS1</p> <p>Lamprophyre dyke: black, fine grained, massive, prv bi+chl alt, minor fragmental qtz-carb threads and stringers from 30 - 45 tca, trace disseminated sulphides, sharp contact at 562.3 m @ 60 tca with komatiitic basalt</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p style="margin-left: 40px;">BIO 2 PRV</p> <p>Structure:</p> <p>558.20 - 558.20 Alpha: Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CS 3</p>										
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 40px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> 0 0 BLK</p>										



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
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562.30 564.35 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM	

QLF: ALT CRN BRX

komatiitic basalt: greenish-grey, fine grained, prv bi+chl alt; patchy talc alt, massive to weak foliation fabric associated with flow top breccia and other flow textures, crenulated fracture surfaces infilled with carb, minor fragmental qtz-carb threads and stringers, sharp contact at 564.35 @ 50 tca

Alteration :

Type/Intensity/Texture
TLC 3 PCH
CHL 3 PRV
BIO 2 PRV

Structure:

562.30 - 562.30 Alpha: 60 Beta: 0

Type/GEN/Intensity	CA1:	CA2:
CS 3		

564.35 566.95 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0	BLK	

QLF: ALT MAS FRG

Lamprophyre dyke: black, fine grained, massive, prv bi+chl alt, minor fragmental qtz-carb threads and stringers from 30 - 45 tca, 1% disseminated sulphides with stringer infill, sharp contact at 566.95 m @50 tca with komatiitic basalt

Alteration :

Type/Intensity/Texture
CHL 3 PRV



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 PRV									
		Structure:									
	564.35 - 564.35	Alpha: 50 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
		Mineralization Maj. : Type/GSZ%/HABIT									
	564.35 - 566.95	PO GS1 1 DIS									
		Comment									
		1% disseminated sulphides with stringer infill									
566.95	582.45	Feature 1									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
		QLF: ALT DEF FRG									
		komatiitic basalt: greenish-grey, fine grained, prv bi+chl alt; patchy talc alt; serpentinite alt in veining, massive to weak foliation fabric associated with flow top breccia and other flow textures, minor fragmental/folded/boudinaged qtz-carb threads and stringers (4-5/m @ 30 - 50 tca), sharp contact at 582.45 @ 30 tca									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PRV									
		BIO 2 PRV									
		Structure:									
	566.95 - 566.95	Alpha: 50 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									



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- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
582.45	582.98	Feature 1									
		<p>Type</p> <p>I0E Lamprophyre</p> <p>QLF: ALT AMY MAS</p> <p>Lamprophyre dyke: black, fine grained, massive, prv bi alt, amygdaloidal, sharp contact at 582.98 @ 60 tca</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 2 PRV</p> <p>Structure:</p> <p>582.45 - 582.45 Alpha: 30 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">CS 3</p>									
582.98	585.00	Feature 1									
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT FRA DEF</p> <p>talc-rich ultramafic: grey-green mix, fine grained, massive, strong prv chl + talc alt; moderate prv bi alt, no significant veining; fragmental/ bodinaged qtz-carb threads stringers @ 70 tca, End of Hole @ 585 m</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">TLC 3 PRV</p> <p style="padding-left: 40px;">CHL 3 PRV</p> <p style="padding-left: 40px;">BIO 2 PRV</p> <p>Structure:</p> <p>582.98 - 582.98 Alpha: 60 Beta: 0</p>									



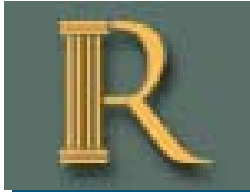
LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-02**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		<i>Type/GEN/Intensity</i> CS 3									



DRILL HOLE REPORT

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 106.03	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: -10.5	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 540	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 26-Apr-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 06-May-17				Surveyed: yes
Logged: 26-May-17				Surveyed by: Mark Cottrell
Comment: Hole is oriented using Boart TrueCore tool #3219				Geophysics:

Coordinate - Gemcom

East: 10041.646
North: 49929.647
Elev.: 4762.425

Coordinate - UTM

East: 448147.57
North: 5663883.65
Elev.: -237.57
Zone: 15N **NAD:** NAD83

Geophysics:

Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	106.03	-10.50	C	<input checked="" type="checkbox"/>	
10.00	105.85	-10.50	Gyro	<input checked="" type="checkbox"/>	
15.00	108.01	-10.59	DeviSh ot	<input type="checkbox"/>	
20.00	105.73	-10.59	Gyro	<input checked="" type="checkbox"/>	
30.00	105.61	-10.75	Gyro	<input checked="" type="checkbox"/>	
40.00	105.52	-10.82	Gyro	<input checked="" type="checkbox"/>	
50.00	105.46	-10.92	Gyro	<input checked="" type="checkbox"/>	
54.00	108.02	-11.16	DeviSh ot	<input type="checkbox"/>	
60.00	105.49	-11.12	Gyro	<input checked="" type="checkbox"/>	
70.00	105.47	-11.32	Gyro	<input checked="" type="checkbox"/>	
80.00	105.55	-11.40	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
90.00	105.67	-11.50	Gyro	<input checked="" type="checkbox"/>	
100.00	105.72	-11.57	Gyro	<input checked="" type="checkbox"/>	
102.00	103.46	-11.74	DeviSh ot	<input type="checkbox"/>	
110.00	105.71	-11.72	Gyro	<input checked="" type="checkbox"/>	
120.00	105.83	-11.79	Gyro	<input checked="" type="checkbox"/>	
130.00	105.87	-11.99	Gyro	<input checked="" type="checkbox"/>	
140.00	105.85	-12.12	Gyro	<input checked="" type="checkbox"/>	
149.00	133.84	-12.24	DeviSh ot	<input type="checkbox"/>	No good
150.00	105.93	-12.27	Gyro	<input checked="" type="checkbox"/>	
153.00	104.59	-12.36	DeviSh ot	<input type="checkbox"/>	
160.00	105.87	-12.34	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-03

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.00	105.77	-12.39	Gyro	<input checked="" type="checkbox"/>	
180.00	105.72	-12.37	Gyro	<input checked="" type="checkbox"/>	
190.00	105.84	-12.42	Gyro	<input checked="" type="checkbox"/>	
200.00	106.03	-12.41	Gyro	<input checked="" type="checkbox"/>	
204.00	108.68	-12.54	DeviSh ot	<input type="checkbox"/>	
210.00	106.11	-12.49	Gyro	<input checked="" type="checkbox"/>	
220.00	106.38	-12.61	Gyro	<input checked="" type="checkbox"/>	
230.00	106.32	-12.75	Gyro	<input checked="" type="checkbox"/>	
240.00	106.24	-12.78	Gyro	<input checked="" type="checkbox"/>	
249.00	108.07	-12.68	DeviSh ot	<input type="checkbox"/>	
250.00	106.57	-12.77	Gyro	<input checked="" type="checkbox"/>	
260.00	106.75	-12.94	Gyro	<input checked="" type="checkbox"/>	
270.00	106.85	-13.05	Gyro	<input checked="" type="checkbox"/>	
280.00	106.94	-13.04	Gyro	<input checked="" type="checkbox"/>	
290.00	107.09	-12.91	Gyro	<input checked="" type="checkbox"/>	
299.00	107.15	-13.00	DeviSh ot	<input type="checkbox"/>	
300.00	107.31	-12.80	Gyro	<input checked="" type="checkbox"/>	
310.00	107.66	-12.55	Gyro	<input checked="" type="checkbox"/>	
351.00	109.01	-11.85	DeviSh ot	<input type="checkbox"/>	
399.00	112.85	-10.87	DeviSh ot	<input type="checkbox"/>	
449.00	114.99	-10.31	DeviSh ot	<input type="checkbox"/>	
501.00	115.50	-9.23	DeviSh ot	<input type="checkbox"/>	
539.00	116.56	-8.42	DeviSh ot	<input type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------	--------------	-------------	--------------

0.00 101.20 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNM	C

QLF: ALT FRA FTB

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), minor local spinifex texture, strong deformation throughout with folding/fracturing/foliation fabrics present, strong pervasive chl alteration and patchy talc alteration which increases downhole, local serpentine alteration present in altered veining, veining consist of 4-5% irregular/fragmented/boudinaged/ folded qtz-carb strrs which are parallel to the local foliation/fracture orientation @ 45 to 65 tca. Local fold hinge present from 1.5 to 4 m, strong foliation / shear fabric from 3 to 12 m @ 45-65 tca with strong fracturing (3-10/m) parallel to foliation fabric. From 27 to 77m there is a rubbly breccia texture (flow top breccia) with numerous curvilinear fractures infilled with chl-talc often with slickenslides.

Alteration : **Type/Intensity/Texture**

- SRP 1 VND
- TLC 2 PCH
- CHL 3 PRV

Structure:

1.50 - 4.00	Alpha: 45 Type/GEN/Intensity FLD	Beta: 0	CA1: 45 CA2: 50
4.00 - 12.00	Alpha: 45 Type/GEN/Intensity FRA 3 FOL 3	Beta: 0	CA1: 45 CA2: 75 45 65

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V Veining	<input type="checkbox"/>	5	0	WHT	C

QLF: ALT FRA FTB



LITHOLOGY REPORT

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Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------	--------------	-------------	--------------

101.20 102.60 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND	

QLF: GS1 MAS ALT

Mafic Dyke: Fine-grained, dark greenish-brown colour, massive textured to weakly foliated @ 45-55 tca, weak fracturing (1-3/m) @ 45-65 tca, no significant veining or minerals, sharp contacts @ 40-60 tca.

Alteration : **Type/Intensity/Texture**
 AMP
 SIL
 BIO 2 PRV

Structure:

101.20 - 101.21 Alpha: 40 Beta: 0
Type/GEN/Intensity **CA1: CA2:**
 CD

102.60 156.00 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM	

QLF: ALT FRA FTB

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), strong pervasive chl alteration and patchy talc alteration which increases downhole as fracture infilling, veining consist of 1-2% irregular/ fragmented/boudinaged/ folded qtz-carb str, local strong fracturing (3-10/m) @ 45-65 tca and within the rubbly breccia texture (flow top breccia) there are numerous curvilinear fractures (1-3/m) infilled with chl-talc often with slickenslides @ 10-30 tca, local sections of badly broken/ground core from 135 to 135.6 m and 155 to 156 m, no visible mineralization.



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Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 LOC									
		TLC 2 PCH									
		CHL 3 PRV									
		Structure:									
	102.60 - 102.61	Alpha: 60									
		Beta: 0									
		Type/GEN/Intensity									
		CD									
	114.00 - 154.00	Alpha: 45									
		Beta: 0									
		Type/GEN/Intensity									
		FRA 3									
		CA1: 10									
		CA2: 30									
		FRA 3									
		CA1: 40									
		CA2: 50									
156.00	165.00	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		Dyke									
		<input type="checkbox"/>									
		%									
		0									
		Thickness									
		0									
		Colour									
		GND									
		Vein									
		QLF:									
		ALT SPN FRA									
		<p>Komatiitic Basalt: Fine to med-grained, dark greenish colour , massive textured with local spinifex textures, strong pervassive chl alteration and minor patchy bio alteration, no significant veining or mineralization, local curvilinear fractures @ 15-35 tca (1/m) infilled with chl-talc often with slickenslides and weak fracturing @ 65 tca (1/m).Local flow top breccia at end of unit which has a gradational contact with interflow metasediments.</p>									
		Alteration :									
		Type/Intensity/Texture									
		AMP 2 PCH									
		BIO 1 PCH									
		CHL 3 PRV									



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Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
165.00	167.00	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FLD FRA</p> <p>Interflow Metasediments: Fine- grained laminated (1-2 mm banding) chl-bio layers that are highly folded (fold hinge area), several curvilinear fracture planes parallel to folded layering.Lower contact gradational with Komatiitic Basalt.</p>								
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">CHL 2 BAN</p> <p style="margin-left: 20px;">BIO 2 BAN</p>								
167.00	192.00	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT SPN FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish colour , massive textured with local spinifex textures and flow top breccia, strong pervassive chl alteration and minor patchy bio alteration, no significant veining or mineralization, weak fracturing @ 25-35 tca (1/m) infilled with chl-talc and weak fracturing @ 55-65 tca (1/m). No significant veining or mineralization. Lower contact is a gradational contact with interflow metasediments.</p>								
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP 1 PCH</p> <p style="margin-left: 20px;">BIO 1 PCH</p> <p style="margin-left: 20px;">CHL 3 PRV</p>								



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
192.00	193.50	Feature 1																									
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL FRG</p> <p>(Mafic Volcaniclastics) : Fine- grained laminated (1-2 mm banding) chl-bio layers that are interbedded with fragmental mafic volcanioclastics, several fracture planes parallel to layering/foliation @ 35-45 tca .Lower contact gradational with Komatiitic Basalt. No significant veining or mineralization.</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>CHL 3 BAN</td> </tr> <tr> <td>SIL 2 SPT</td> </tr> <tr> <td>BIO 2 BAN</td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND		Type/Intensity/Texture	CHL 3 BAN	SIL 2 SPT	BIO 2 BAN									
Type	Dyke	%	Thickness	Colour	Vein																						
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																							
Type/Intensity/Texture																											
CHL 3 BAN																											
SIL 2 SPT																											
BIO 2 BAN																											
193.50	204.00	Feature 1																									
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour , massive textured with strong pervasive chl alteration and minor patchy talc alteration that increases downhole, no significant veining or mineralization, strong fracturing @ 5-25 tca (3/m) infilled with chl-talc and weak fracturing @ 45-65 tca (1/m). Lower contact is a gradational contact with talc altered Komatiitic Basalt.</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>TLC 2 SPT</td> </tr> <tr> <td>SIL 2 PCH</td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND		Type/Intensity/Texture	TLC 2 SPT	SIL 2 PCH										
Type	Dyke	%	Thickness	Colour	Vein																						
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																							
Type/Intensity/Texture																											
TLC 2 SPT																											
SIL 2 PCH																											



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																									
		CHL 2 PRV																																		
204.00	274.82	Feature 1																																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: As above with increased talc alteration, weak to moderate fracturing @ 45-65 tca (1-3/m), local flow top breccia sections, no significant veining or mineralization. Lower contact with Felsic Dyke sharp @ 50 tca.</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>AMP</td> </tr> <tr> <td>TLC 3 PRV</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </tbody> </table> <p>Structure:</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 30%;">274.81 - 274.82</td> <td style="width: 30%;">Alpha: 50</td> <td style="width: 30%;">Beta: 0</td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0	GYM		Type/Intensity/Texture	AMP	TLC 3 PRV	CHL 3 PRV	274.81 - 274.82	Alpha: 50	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		CD								
Type	Dyke	%	Thickness	Colour	Vein																															
E0T Talc_rich_unit	<input type="checkbox"/>	0	0	GYM																																
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274.81 - 274.82	Alpha: 50	Beta: 0																																		
	Type/GEN/Intensity	CA1:	CA2:																																	
	CD																																			
274.82	284.04	Feature 1																																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRA FOL</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish-green colour, massive textured to locally weakly foliated @ 35 tca, weak fracturing @ 45-65 tca (1-3/m) infilled with chl, (micro-fracturing infilled with bio), 1% fragmented/boudinaged greyish-white qtz-carb strcs/threads @ 45-55 tca (0.5 to 1 cm wide), trace to <1% fine-</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM																							
Type	Dyke	%	Thickness	Colour	Vein																															
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM																																



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Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		grained dissem po-py, sharp contacts with Komatiitic Basalt @ 50-55 tca.																			
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 FF</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 3 SPT</p>																			
		<p>Structure:</p> <p>284.03 - 284.04 Alpha: 55 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CD</p>																			
284.04	287.57	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT GS1 MAS</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour , massive textured with strong pervasive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 35-45 tca (1-3/m), local section of ground core (from 285 to 285.4m). Lower contact is a sharp contact @ 55 tca with Felsic Dyke.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND								
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																	
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 2 PRV</p> <p style="margin-left: 40px;">SIL 2 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p>																			
		<p>Structure:</p> <p>287.56 - 287.57 Alpha: 55 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CD</p>																			



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Hole Number **610L-17-03**

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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
287.57	291.58	Feature 1																					
		<p style="margin-left: 20px;">Type</p> <p>I3 Felsic_intrusive Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BNM Vein</p> <p>QLF: ALT FRA MAS</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured to locally weakly foliated @ 40-45 tca, weak fracturing @ 50-65 tca (1/m) infilled with chl, (micro-fracturing infilled with bio), 1% fragmented/boudinaged greyish-white qtz-carb strcs/threads @ 30-40 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, sharp contacts with Komatiitic Basalt @ 75 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CHL 2 FF</td> <td></td> </tr> <tr> <td>SIL 3 PRV</td> <td></td> </tr> <tr> <td>BIO 3 SPT</td> <td></td> </tr> </table> <p>Structure:</p> <p>291.57 - 291.58 Alpha: 75 Beta: 0</p> <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">Type/GEN/Intensity</td> <td style="padding-right: 10px;">CA1:</td> <td>CA2:</td> </tr> <tr> <td>CD</td> <td></td> <td></td> </tr> </table>	Type/Intensity/Texture		CHL 2 FF		SIL 3 PRV		BIO 3 SPT		Type/GEN/Intensity	CA1:	CA2:	CD									
Type/Intensity/Texture																							
CHL 2 FF																							
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BIO 3 SPT																							
Type/GEN/Intensity	CA1:	CA2:																					
CD																							
291.58	293.12	Feature 1																					
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GND Vein</p> <p>QLF: ALT MAS GS1</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour , massive textured to weakly foliated @ 55 tca, with strong pervassive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 45 tca (1/m). Lower contact is a sharp contact @ 55 tca with Felsic Dyke.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p>																					



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>Alteration :</p> <p style="margin-left: 20px;"><i>Type/intensity/texture</i></p> <p style="margin-left: 20px;">AMP 2 PCH</p> <p style="margin-left: 20px;">SIL 1 PCH</p> <p style="margin-left: 20px;">CHL 3 PRV</p> <p>Structure:</p> <p>293.11 - 293.12 Alpha: 55 Beta: 0</p> <p style="margin-left: 20px;"><i>Type/GEN/Intensity</i> CA1: CA2:</p> <p style="margin-left: 20px;">CD</p>									
293.12	313.27	<p>Feature 1</p> <p style="margin-left: 20px;"><i>Type</i></p> <p>I3 Felsic_intrusive</p> <p style="margin-left: 20px;"><i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p style="margin-left: 20px;"><input type="checkbox"/> 0 0 BNM</p> <p>QLF: ALT MAS FRA</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 30-65 tca (1-3/m) infilled with chl, (micro-fracturing infilled with bio), 1% fragmented/boudinaged greyish-white qtz-carb strrs/threads @ 30-60 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, sharp contact with Komatiitic Basalt @ 70 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;"><i>Type/Intensity/Texture</i></p> <p style="margin-left: 20px;">CHL 2 FF</p> <p style="margin-left: 20px;">SIL 3 PRV</p> <p style="margin-left: 20px;">BIO 2 SPT</p>									
313.27	329.88	<p>Feature 1</p> <p style="margin-left: 20px;"><i>Type</i></p> <p>E0B Komatiitic_basalt</p> <p style="margin-left: 20px;"><i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p style="margin-left: 20px;"><input type="checkbox"/> 0 0 GND</p>									



LITHOLOGY REPORT

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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																			
		<p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour , massive textured, with strong pervassive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 35-45 tca (1/m). Lower contact is a sharp contact @ 45 tca with Felsic Dyke.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> <td>1 SPT</td> </tr> <tr> <td>SIL</td> <td>1 PCH</td> </tr> <tr> <td>CHL</td> <td>3 PRV</td> </tr> </table> <p>Structure:</p> <p>329.87 - 329.88 Alpha: 45 Beta: 0</p> <table style="margin-left: 20px;"> <tr> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>CD</td> <td></td> <td></td> </tr> </table>	Type/Intensity/Texture		AMP	1 SPT	SIL	1 PCH	CHL	3 PRV	Type/GEN/Intensity	CA1:	CA2:	CD																
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CD																														
329.88	330.91	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: ALT MAS GS1</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 30 tca (1/m) infilled with chl, (micro-fracturing infilled with bio), 1% planar to fragmented white qtz-carb strs/threads @ 30 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, sharp contact with Komatiitic Basalt @ 40-45 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CHL</td> <td>1 FF</td> </tr> <tr> <td>SIL</td> <td>3 PRV</td> </tr> <tr> <td>BIO</td> <td>2 SPT</td> </tr> </table> <p>Structure:</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0			Type/Intensity/Texture		CHL	1 FF	SIL	3 PRV	BIO	2 SPT								
Type	Dyke	%	Thickness	Colour	Vein																									
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0																											
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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	330.90 - 330.91	Alpha: 40 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
330.91	331.12	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND					
		QLF: ALT MAS									
		Komatiitic Basalt: As above, fine-grained, dark greenish colour , massive textured, with strong pervassive chl alteration and minor patchy silica alteration, no significant veining or mineralization, lower contact is a sharp contact @ 60 tca with Felsic Dyke.									
		Alteration :									
		Type/Intensity/Texture									
		AMP 1 PCH									
		SIL 1 PCH									
		CHL 3 PRV									
		Structure:									
	331.11 - 331.12	Alpha: 60 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
331.12	344.53	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM					
		QLF: ALT MAS FRA									
		Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 30 tca (1/m) and @45-55 tca (1-3/m) infilled with chl, <1% planar to fragmented white qtz-carb strrs/threads @ 30 tca (0.5									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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to 1 cm wide), trace to <1% fine-grained disseminated po-py, sharp contact with Komatiitic Basalt @ 45 tca.

Alteration : **Type/Intensity/Texture**
 CHL 1 FF
 SIL 3 PRV
 BIO 2 SPT

Structure:
 344.52 - 344.53 Alpha: 45 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CD

344.53 357.48 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0		

QLF: ALT MAS FRA

Komatiitic Basalt: Fine-grained, dark greenish colour, massive textured, with strong pervasive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 20-35 tca (1/m) and @ 55-65 tca (1-2/m). Lower contact is a sharp contact @ 45 tca with Lamp Dyke.

Alteration : **Type/Intensity/Texture**
 AMP 1 PCH
 SIL 1 PCH
 CHL 3 PRV

Structure:
 357.47 - 357.48 Alpha: 45 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CD



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																																																																																												
357.48	358.45	<p>Feature 1</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> <td colspan="5"></td> </tr> <tr> <td></td> <td style="text-align: center;">IOE Lamprophyre</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td colspan="5"></td> </tr> </table> <p>QLF: MAS GS2</p> <p>Lamp Dyke: Med-grained, massive textured, sharp contacts @ 45 tca.</p> <p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type/Intensity/Texture</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">AMP</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">SIL</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">BIO</td> <td colspan="10"></td> </tr> </table> <p>Structure:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;">358.44 - 358.45</td> <td style="width: 15%;">Alpha: 45</td> <td style="width: 15%;">Beta: 0</td> <td colspan="8"></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> <td colspan="7"></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">CD</td> <td></td> <td></td> <td colspan="7"></td> </tr> </table>		Type	Dyke	%	Thickness	Colour	Vein							IOE Lamprophyre	<input checked="" type="checkbox"/>	0	0									Type/Intensity/Texture												AMP												SIL												BIO												358.44 - 358.45	Alpha: 45	Beta: 0											Type/GEN/Intensity	CA1:	CA2:										CD																		
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358.45	360.28	<p>Feature 1</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> <td colspan="5"></td> </tr> <tr> <td></td> <td style="text-align: center;">E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> <td colspan="5"></td> </tr> </table> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour , massive textured, with strong pervassive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 20 tca (<<1/m) and @ 55-65 tca (1-3/m). Lower contact with possible Basalt sharp @ 40 tca.</p> <p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="text-align: center;">Type/Intensity/Texture</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">AMP 1 SPT</td> <td colspan="10"></td> </tr> <tr> <td></td> <td style="text-align: center;">SIL 1 SPT</td> <td colspan="10"></td> </tr> </table>		Type	Dyke	%	Thickness	Colour	Vein							E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND								Type/Intensity/Texture												AMP 1 SPT												SIL 1 SPT																																																																			
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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																															
		CHL 3 PRV																																								
360.28	362.46	Feature 1																																								
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		<p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour , massive textured, with strong pervassive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 20 tca (<<1/m) and @ 55-65 tca (1-3/m). Lower contact with Felsic Dyke sharp @ 70 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> <td>1 PCH</td> </tr> <tr> <td>SIL</td> <td>1 PCH</td> </tr> <tr> <td>CHL</td> <td>2 PRV</td> </tr> </table> <p>Structure:</p> <p>372.01 - 372.02 Alpha: 70 Beta: 0</p> <table style="margin-left: 20px;"> <tr> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>CD</td> <td></td> <td></td> </tr> </table>	Type/Intensity/Texture		AMP	1 PCH	SIL	1 PCH	CHL	2 PRV	Type/GEN/Intensity	CA1:	CA2:	CD																
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372.02	375.00	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td><input checked="" type="checkbox"/></td> <td>0</td> <td>0</td> <td>BNM</td> <td></td> </tr> </table> <p>QLF: ALT MAS FRA</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 30 tca (<1/m) and @ 45-55 tca (1/m) infilled with chl, <1% planar to fragmented white qtz-carb strs/threads @ 30-40 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, sharp contact with Komatiitic Basalt @ 35 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CHL</td> <td>1 FF</td> </tr> <tr> <td>SIL</td> <td>3 PRV</td> </tr> <tr> <td>BIO</td> <td>2 SPT</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM		Type/Intensity/Texture		CHL	1 FF	SIL	3 PRV	BIO	2 SPT								
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375.00	376.68	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein</p> <p>QLF: ALT FRA GS1</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour , massive textured, with strong pervassive chl alteration and minor patchy silica-bio alteration, no significant veining or mineralization, weak fracturing @ 20 tca (<<1/m) and @ 55-65 tca (1-3/m). Lower contact is a sharp contact @ 45 tca with Felsic Dyke.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">SIL 1 PCH</p> <p style="margin-left: 20px;">CHL 3 PRV</p> <p style="margin-left: 20px;">BIO 1 PCH</p> <p>Structure:</p> <p>375.00 - 375.01 Alpha: 35 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CD</p> <p>376.67 - 376.68 Alpha: 45 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CD</p>								
376.68	393.48	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>I3 Felsic_intrusive Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BNM Vein</p> <p>QLF: ALT MAS FRA</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 30-35 tca (1-2/m) and @ 45-55 tca (1/m) infilled with chl, 1-2% planar to fragmented white qtz-carb strs/threads @ 30-40 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, sharp contact with Komatiitic Basalt @ 50 tca.</p>								



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		<p>Alteration : Type/Intensity/Texture</p> <p>CHL 2 FF</p> <p>SIL 3 PRV</p> <p>BIO 2 SPT</p>																			
		<p>Structure:</p> <p>393.47 - 393.48 Alpha: 50 Beta: 20</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CD</p>																			
393.48	409.96	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS GS1</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour, massive textured, with strong pervassive chl alteration and minor patchy silica-bio alteration, no significant veining or mineralization, weak fracturing @ 20 tca (<<1/m) and @ 55-65 tca (1-3/m). Lower contact is a sharp contact @ 50 tca with Felsic Dyke.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND								
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																	
		<p>Alteration : Type/Intensity/Texture</p> <p>BIO 1 LOC</p> <p>SIL 1 PCH</p> <p>CHL 3 PRV</p>																			
		<p>Structure:</p> <p>409.95 - 409.96 Alpha: 50 Beta: 60</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CD</p>																			



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
409.96	414.56	Feature 1									
		<p>Type</p> <p>I3 Felsic_intrusive <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BNM Vein</p> <p>QLF: ALT MAS FRA</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 45-55 tca (1/m) infilled with chl, 1% planar to fragmented greyish-white qtz-carb strs/threads @ 30-40 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, sharp contacts with Komatiitic Basalt @ 50-65 tca.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">CHL 1 FF</p> <p style="padding-left: 40px;">SIL 2 PRV</p> <p style="padding-left: 40px;">BIO 3 PRV</p> <p>Structure:</p> <p>414.55 - 414.56 Alpha: 65 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">CD</p>									
414.56	420.95	Feature 1									
		<p>Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> % 0 Thickness 0 Colour GND Vein</p> <p>QLF: ALT GS1 MAS</p> <p>Komatiitic Basalt: Fine-grained, dark greenish colour, massive textured, with strong pervasive chl alteration and minor patchy silica-bio alteration, no significant veining or mineralization, weak fracturing @ 5-10 tca (<<1/m) and @ 55-65 tca (1/m). Lower contact is a sharp contact @ 75 tca with Felsic Dyke.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">AMP 2 SPT</p> <p style="padding-left: 40px;">SIL 1 PCH</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	420.94 - 420.95	Alpha: 75 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
420.95	421.11	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM					
		QLF: ALT MAS FRA									
		Felsic Dyke: As above sharp contacts @ 75-65 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 FF									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
	421.10 - 421.11	Alpha: 65 Type/GEN/Intensity CD									
		Beta: 30 CA1: CA2:									
421.11	444.94	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND					
		QLF: ALT MAS FRA									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
<p>Komatiitic Basalt: Fine-grained, dark greenish colour, massive textured, with strong pervasive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 30-40 tca (1/m) and @ 55-65 tca (1/m). Lower contact is a sharp contact @ 45 tca with Felsic Dyke.</p> <p>Alteration : <i>Type/Intensity/Texture</i> AMP 1 PCH SIL 1 PCH CHL 3 PRV</p> <p>Structure: 444.93 - 444.94 Alpha: 45 Beta: 310 <i>Type/GEN/Intensity</i> CA1: CA2: CD</p>											
444.94	465.65	Feature 1	PED41206	464.00	465.00	1.00	0.70	0.697	-	-	697.00
		<i>Type</i>	PED41207	465.00	465.65	0.65	0.76	0.761	-	-	761.00
		I3 Felsic_intrusive									
		QLF: ALT MAS FRA									
<p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 30-45 tca and 50-60 tca (1/m) infilled with chl, 1% planar to fragmented greyish-white qtz-carb strs/threads @ 30-40 tca (0.5 to 1 cm wide), trace to <1% fine-grained dissem po-py, sharp contact with High-Ti Basalt @ 34 tca.</p> <p>Alteration : <i>Type/Intensity/Texture</i> CHL 1 FF SIL 3 PRV BIO 2 PRV</p>											



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
465.65	468.88	Feature 1	PED41208	465.65	466.10	0.45	12.42	>10.000	12.42	-	0000.0
		Type	PED41209	466.10	467.00	0.90	3.09	3.090	-	-	3090.00
		E1H High_titanium_basalt	PED41211	467.00	467.60	0.60	1.28	1.280	-	-	1282.00
		QLF: ALT VND MIN	PED41212	467.60	468.00	0.40	3.23	3.230	-	-	3235.00
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, (possible local pillow selveges infilled with chl-silica), massive textured to weakly developed foliation/brecciated fabric @ 15 to 30 tca, strong pervassive silica-bio alteration, weakly fractured @ 30-35 tca (1/m), 10% planar qtz-act vnlts/strs containing brecciated wallrock fragments (2 to 4 cm wide) @ 15 to 40 tca (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr dissemin po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins, lower contact with Felsic Dyke sheared @ 70 tca.	PED41213	468.00	468.88	0.88	0.53	0.529	-	-	529.00
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		465.65 - 465.66 Alpha: 34 Beta: 335									
		Type/GEN/Intensity									
		CD									
		465.66 - 468.00 Alpha: 15 Beta: 0									
		Type/GEN/Intensity									
		V2_BX 3									
		468.87 - 468.88 Alpha: 70 Beta: 0									
		Type/GEN/Intensity									
		CT									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		465.65 - 468.88 PY GS1 2 DIS									
		Comment									
		High-Ti Basalt:with trace to 1% fine-gr dissemin po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins.									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
	465.65 - 468.88	PO GS1 3 BLB High-Ti Basalt:with trace to 1% fine-gr disseminated po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins.																					
		Feature 2:																					
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">10</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">F</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	10	0	WHT	F									
Type	Dyke	%	Thickness	Colour	Vein																		
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	10	0	WHT	F																		
		QLF: ALT VND MIN																					
		Alteration :																					
		Type/Intensity/Texture																					
		AC 2 VND																					
		SIL 3 VND																					
468.88	478.86	Feature 1																					
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">90</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	90	0	BNM		PED41214	468.88	469.70	0.82	0.38	0.381	-	-	381.00
Type	Dyke	%	Thickness	Colour	Vein																		
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	90	0	BNM																			
		QLF: ALT VND FRA																					
		Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 25-45 tca (1/m) infilled with chl, 10% planar to fragmented greyish-white qtz-carb str/vnlts @ 10 to 40 tca (0.5 to 3 cm wide), (see Oriented Point Data Spreadsheet for detailed veining and structure) trace to <1% fine-grained disseminated po-py, sharp contact with Komatiitic Basalt @ 60 tca.																					
		Alteration :																					
		Type/Intensity/Texture																					
		CHL 2 FF																					
		SIL 3 PRV																					
		BIO 3 PCH																					
		Structure:																					
	468.88 - 478.85	Alpha: 30																					
		Type/GEN/Intensity	Beta: 0	CA1:	CA2:																		
		V2A 3		10	45																		



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	10	0	GYD	S				
		QLF: ALT VND FRA									
478.86	481.65	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
		QLF: ALT MAS BRX									
		Komatiitic Basalt: Fine-grained, dark greenish colour, massive textured, with strong pervasive chl alteration and minor patchy silica alteration, no significant veining or mineralization, weak fracturing @ 30-40 tca (1/m) and @ 55-65 tca (1/m). Lower contact is a sharp/sheared contact @ 40 tca with Felsic Dyke. Local shear/bx fabric @ 35-40 tca adjacent to Felsic Dyke contact.									
		Alteration :	Type/Intensity/Texture								
			AMP								
			SIL								
			CHL 3 PRV								
		Structure:									
	481.30 - 481.65	Alpha: 40	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		SHD 2	35	40							



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
481.65	497.35	Feature 1									
		<p>Type</p> <p>I3 Felsic_intrusive <input checked="" type="checkbox"/> 90 0 BNM S</p> <p>QLF: ALT VND FRA</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured to weakly developed foliation fabric @ 40-45 tca, weak fracturing @ 35-50 tca (1-3/m) infilled with chl, 10% planar to fragmented greyish-white sil'd qtz-carb strsvnlts @ 30 to 60 tca (0.5 to 7 cm wide), (see Oriented Point Data Spreadsheet for detailed veining and structure) trace to 1% fine-grained dissem po-py, sharp lower contact with High-Ti Basalt @ 45 tca.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 2 FF</p> <p>SIL 3 PRV</p> <p>BIO 2 SPT</p> <p>Structure:</p> <p>481.65 - 497.34 Alpha: 40 Beta: 0</p> <p>Type/GEN/Intensity</p> <p>V2A CA1: 35 CA2: 50</p> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <p>481.65 - 497.35 PY GS1 0.5 DIS</p> <p>481.65 - 497.35 PO GS1 0.5 DIS</p> <p>Comment</p> <p>Felsic Dyke: with trace to 1% fine-grained dissem po-py</p> <p>Felsic Dyke: with trace to 1% fine-grained dissem po-py</p>	PED41227	481.65	482.60	0.95	0.41	0.409	-	-	409.00
			PED41228	482.60	483.60	1.00	0.53	0.529	-	-	529.00
			PED41229	483.60	484.60	1.00	0.50	0.496	-	-	496.00
			PED41230	484.60	485.40	0.80	0.57	0.573	-	-	573.00
			PED41231	485.40	486.40	1.00	0.58	0.581	-	-	581.00
			PED41232	486.40	487.40	1.00	1.05	1.050	-	-	1048.00
			PED41233	487.40	488.40	1.00	0.75	0.753	-	-	753.00
			PED41234	488.40	489.40	1.00	0.81	0.812	-	-	812.00
			PED41235	489.40	490.40	1.00	0.50	0.502	-	-	502.00
			PED41236	490.40	491.40	1.00	0.29	0.289	-	-	289.00
			PED41237	491.40	492.40	1.00	0.36	0.357	-	-	357.00
			PED41238	492.40	493.40	1.00	0.48	0.481	-	-	481.00
			PED41239	493.40	494.40	1.00	0.54	0.540	-	-	540.00
			PED41240	494.40	495.40	1.00	0.33	0.328	-	-	328.00
			PED41241	495.40	496.40	1.00	0.54	0.536	-	-	536.00
			PED41242	496.40	497.35	0.95	0.59	0.585	-	-	585.00
		Feature 2:									
		<p>Type</p> <p>V2A Quartz_carb_actinolite_vein <input checked="" type="checkbox"/> 10 0 GYD S</p> <p>QLF: ALT VND FRA</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>AC 2 VND</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV									
497.35	497.73	Feature 1	PED41243	497.35	497.73	0.38	8.08	8.080	-	-	3082.00
		<p style="margin-left: 20px;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT VND MIN</p> <p>High-Ti Basalt: (Veined and mineralized) Fine-grained, dark greenish-brown colour, weakly developed brecciated fabric @ 45 to 60 tca, strong pervassive silica-bio alteration, weakly fractured @ 45 tca (1/m), 20 cm planar mineralized qtz-act vein containing brecciated wallrock fragments @ 45 tca containing 1-2 specks of VG, (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr disseminated po-py which locally increases to 2-3% po-py as blebs/strs proximal to sil'd veining margins, lower contact with felsic dyke sheared @ 65 tca.</p> <p>Visible Gold : SampleID/Grainsize/Style PED41243 1-2mm Speck</p> <p>Alteration : Type/Intensity/Texture AC 2 VND SIL 3 PRV BIO 3 PRV</p> <p>Mineralization Maj. : Type/GSZ%/HABIT 497.35 - PY GS1 1 DIS 497.73</p> <p>497.35 - PO GS2 2 DIS 497.73</p> <p>Comment High-Ti Basalt: (Veined and mineralized) with trace to 1% fine-gr disseminated po-py which locally increases to 2-3% po-py as blebs/strs proximal to sil'd veining margins. High-Ti Basalt: (Veined and mineralized) with trace to 1% fine-gr disseminated po-py which locally increases to 2-3% po-py as blebs/strs proximal to sil'd veining margins.</p>									
		<p style="margin-left: 20px;">Type</p> <p>Feature 2:</p>									
		<p style="margin-left: 20px;">Type</p> <p>Dyke % Thickness Colour Vein</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																												
		V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 50 0 WHT F QLF: ALT VND MIN Alteration : <table style="margin-left: 20px;"> <tr><td colspan="2">Type/Intensity/Texture</td></tr> <tr><td>AC</td><td>2 VND</td></tr> <tr><td>SIL</td><td>2 PRV</td></tr> </table>	Type/Intensity/Texture		AC	2 VND	SIL	2 PRV																															
Type/Intensity/Texture																																							
AC	2 VND																																						
SIL	2 PRV																																						
497.73	498.35	Feature 1	PED41245	497.73	498.35	0.62	4.49	4.490	-	-	1492.00																												
		<table style="margin-left: 20px;"> <tr><td>Type</td><td>Dyke</td><td>%</td><td>Thickness</td><td>Colour</td><td>Vein</td></tr> <tr><td>I3 Felsic_intrusive</td><td><input checked="" type="checkbox"/></td><td>95</td><td>0</td><td>BNM</td><td></td></tr> </table> QLF: ALT VND MIN Felsic Dyke: Fine to med-grained, mottled brownish colour, massive textured, weak fracturing @ 12 tca (1/m) infilled with chl, 5% planar greyish-white sil'd qtz-carb-act str/vnlts @ 30 tca (3 cm wide), (see Oriented Point Data Spreadsheet for detailed veining and structure) trace to 1% fine-grained dissem po-py, sharp lower contact with Qtz-carb-act Breccia/Fault Vein @ 65 tca. Alteration : <table style="margin-left: 20px;"> <tr><td colspan="2">Type/Intensity/Texture</td></tr> <tr><td>CHL</td><td>2 FF</td></tr> <tr><td>SIL</td><td>3 PRV</td></tr> <tr><td>BIO</td><td>3 PRV</td></tr> </table> Mineralization Maj. : <table style="margin-left: 20px;"> <tr><td colspan="2">Type/GSZ%/HABIT</td><td>Comment</td></tr> <tr><td>497.73 - 498.35</td><td>PY GS1 0.5 DIS</td><td>Felsic Dyke:</td></tr> <tr><td>497.73 - 498.35</td><td>PO GS1 0.5 DIS</td><td>Felsic Dyke:</td></tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	95	0	BNM		Type/Intensity/Texture		CHL	2 FF	SIL	3 PRV	BIO	3 PRV	Type/GSZ%/HABIT		Comment	497.73 - 498.35	PY GS1 0.5 DIS	Felsic Dyke:	497.73 - 498.35	PO GS1 0.5 DIS	Felsic Dyke:								
Type	Dyke	%	Thickness	Colour	Vein																																		
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	95	0	BNM																																			
Type/Intensity/Texture																																							
CHL	2 FF																																						
SIL	3 PRV																																						
BIO	3 PRV																																						
Type/GSZ%/HABIT		Comment																																					
497.73 - 498.35	PY GS1 0.5 DIS	Felsic Dyke:																																					
497.73 - 498.35	PO GS1 0.5 DIS	Felsic Dyke:																																					
		Feature 2: <table style="margin-left: 20px;"> <tr><td>Type</td><td>Dyke</td><td>%</td><td>Thickness</td><td>Colour</td><td>Vein</td></tr> <tr><td>V2A Quartz_carb_actinolite_vein</td><td><input checked="" type="checkbox"/></td><td>5</td><td>0</td><td>GYD</td><td>S</td></tr> </table> QLF: ALT VND MIN	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	5	0	GYD	S																									
Type	Dyke	%	Thickness	Colour	Vein																																		
V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	5	0	GYD	S																																		



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
498.35	503.35	Feature 1	PED41246	498.35	499.35	1.00	0.09	0.093	-	-	93.00
		Type	PED41248	499.35	500.07	0.72	0.14	0.135	-	-	135.00
		Dyke % Thickness Colour Vein	PED41249	500.07	500.60	0.53	0.11	0.106	-	-	106.00
		V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 70 0 WHT F	PED41250	500.60	501.09	0.49	0.26	0.256	-	-	256.00
		QLF: ALT FRG MIN	PED41251	501.09	501.49	0.40	0.01	0.012	-	-	12.00
		Qtz-carb-act veining containing numerous angular breccia fragments of Felsic Dyke and Komatiitic Basalt (Komatiitic Basalt fragments increase towards the lower contact). Veining occurs between the Felsic Dyke and Komatiitic Basalt units with approx 70 % veining ranging from vnlt's (3 to 4 cm wide) up to veins that are 64 cm wide in predominately Felsic Dyke unit. Veining is strongly sil'd white to greyish-white with actinolite overprinting the breccia fragment inclusions, vein contacts range from 40 to 70 tca. Weak fracturing @ 10-25 tca (1/m) and @ 40-50 tca (1-2/m), trace to 1% dissem f-gr po-py primarily within the Felsic Dyke host rock. Unable to orient the core therefore no detailed structural or veining measurements in this section.	PED41252	501.49	502.00	0.51	0.07	0.071	-	-	71.00
			PED41253	502.00	502.80	0.80	0.24	0.236	-	-	236.00
			PED41254	502.80	503.35	0.55	0.25	0.245	-	-	245.00
		Alteration : Type/Intensity/Texture									
		AMP									
		SIL 3 PRV									
		AC 3 VND									
		Structure:									
		498.35 - 503.35 Alpha: 45 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		V2_BX 3 40 70									
		Feature 2:									
		Type									
		Dyke % Thickness Colour Vein									
		I3 Felsic_intrusive <input type="checkbox"/> 30 0 BNM									
		QLF: ALT FRG MIN									
		Alteration : Type/Intensity/Texture									
		SIL 3 PRV									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 LOC									
503.35	505.71	Feature 1									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		E0B Komatiitic_basalt									
		QLF: ALT SHD BRX									
		Komatiitic Basalt: Fine-grained, dark greenish-brown colour, strong shear / breccia fabric @ 70-75 tca which decreases downhole, strong pervassive silica alteration and spotty bio-chl alteration, no significant mineralization observed, with 4-5% planar sil'd qtz-carb-act str/vnlts containing breccia wallrock fragments @ 60-70 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure), weak fracturing @ 35-45 tca (1/m), lower contact with High-Ti Basalt @ 55 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 SPT									
		SIL 3 PRV									
		BIO 3 PCH									
		Feature 2:									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		V2_BX Quartz_Vein_with_Fragments									
		QLF: ALT SHD BRX									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)	
505.71	509.16	Feature 1	PED41258	505.60	506.10	0.50	0.54	0.540	-	-	540.00
		Type	PED41260	506.10	506.70	0.60	1.76	1.760	-	-	1759.00
		E1H High_titanium_basalt	PED41261	506.70	507.70	1.00	0.40	0.403	-	-	403.00
		QLF: ALT VND MIN	PED41262	507.70	508.70	1.00	8.11	>10.000	8.11	-	0000.0
		High-Ti Basalt: (Veined and mineralized): Fine-grained, dark brown colour, weakly developed brecciated fabric @ 45 to 65 tca, strong pervassive silica-bio alteration, weakly fractured @ 30 tca (1/m), 11 cm planar mineralized qtz-act vein containing brecciated wallrock fragments @ 45 tca with increased po-py mineralization adjacent to veining (4-5%), several (4-5%) qtz-carb-act extensional strrs that are fragmented/rotated, (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr dissemin po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins, lower contact with Komatiitic Basalt sheared @ 60 tca.	PED41263	508.70	509.20	0.50	3.57	3.570	-	-	3568.00
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		505.90 - 506.06 Alpha: 45 Beta: 15									
		Type/GEN/Intensity									
		V2_BX 3									
		Mineralization Maj. :									
		505.90 - 506.20 PY GS1 2 DIS									
		Comment									
		High-Ti Basalt: (Veined and mineralized):11 cm planar mineralized qtz-act vein containing brecciated wallrock fragments @ 45 tca with increased po-py mineralization adjacent to veining (4-5%), several (4-5%) qtz-carb-act extensional strrs that are fragmented/rotated, (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr dissemin po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins.									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)					<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	505.90 - 506.20	PO	GS1	3	BLB	High-Ti Basalt: (Veined and mineralized):11 cm planar mineralized qtz-act vein containing brecciated wallrock fragments @ 45 tca with increased po-py mineralization adjacent to veining (4-5%), several (4-5%) qtz-carb-act extensional strrs that are fragmented/rotated, (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr dissem po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins.									
	508.00 - 509.16	PY	GS1	2	DIS	High-Ti Basalt: (Veined and mineralized): increased po-py mineralization adjacent to veining (4-5%), several (4-5%) qtz-carb-act extensional strrs that are fragmented/rotated, (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr dissem po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins.									
	508.00 - 509.16	PO	GS1	3	DIS	High-Ti Basalt: (Veined and mineralized): increased po-py mineralization adjacent to veining (4-5%), several (4-5%) qtz-carb-act extensional strrs that are fragmented/rotated, (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr dissem po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins.									

Feature 2:

	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V2_BX	Quartz_Vein_with_Fragments	<input type="checkbox"/>	10	0	WHT	F

QLF: ALT VND MIN

Alteration : *Type/Intensity/Texture*

AC 3 VND
SIL 2 PRV



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA	
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
509.16	511.69	Feature 1	PED41264	509.20	510.00	0.80	0.06	0.056	-	-	56.00
		Type	PED41265	510.00	511.00	1.00	0.02	0.019	-	-	19.00
		E0B Komatiitic_basalt	PED41266	511.00	512.00	1.00	0.01	0.008	-	-	8.00
		Dyke <input type="checkbox"/> % Thickness Colour Vein									
		0 0 GNM									
		QLF: ALT FOL FRA									
		Komatiitic Basalt: Fine-grained, dark greenish-brown colour, weakly developed foliation fabric @ 60-65 tca, moderate pervassive silica alteration and spotty bio-chl alteration, no significant mineralization observed, with 1-2% planar sil'd qtz-carb-act str/vnlts @ 60-70 tca, weak fracturing @ 15 tca (1/m) and @ 55-65 tca (1-2/m), lower contact with High-Ti Basalt @ 70 tca. Unable to orient the core therefore no detailed structural or veining measurements in this section.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		SIL 2 PRV									
		BIO 1 PCH									
511.69	516.85	Feature 1	PED41267	512.00	513.00	1.00	0.05	0.047	-	-	47.00
		Type	PED41268	513.00	514.00	1.00	0.63	0.632	-	-	632.00
		E1H High_titanium_basalt	PED41269	514.00	515.00	1.00	0.13	0.134	-	-	134.00
		Dyke <input type="checkbox"/> % Thickness Colour Vein	PED41270	515.00	516.00	1.00	0.01	0.011	-	-	11.00
		100 0 GNM	PED41271	516.00	517.00	1.00	0.03	0.031	-	-	31.00
		QLF: ALT MAS MIN									
		High-Ti Basalt: Fine-grained, dark greenish-brown colour, massive textured, moderate pervassive silica-bio alteration, weakly fractured @ 60-70 tca (1/m), no significant veining, with trace to 1% fine-gr disseminated po-py, lower contact with Komatiitic Basalt sharp @ 65 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 2 PCH									
516.85	519.48	Feature 1	PED41272	517.00	518.00	1.00	0.01	0.014	-	-	14.00
		Type	PED41273	518.00	519.00	1.00	0.02	0.023	-	-	23.00
		Dyke % Thickness Colour Vein									
		E0B Komatiitic_basalt <input type="checkbox"/> 100 0 GND									
		QLF: ALT MAS GS1									
		Komatiitic Basalt: Fine-grained, dark green colour, massive textured, moderate pervassive silica-chl alteration and spotty bio alteration, no significant mineralization or veining observed, weak fracturing @ 60 tca (1/m), lower contact with High-Ti Basalt @ 45 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		SIL 2 PRV									
		BIO 0 PCH									
519.48	520.09	Feature 1	PED41274	519.00	520.00	1.00	0.01	0.012	-	-	12.00
		Type									
		E1H High_titanium_basalt <input type="checkbox"/> 0 0									
		QLF: ALT BRX FRA									
		High-Ti Basalt: Fine-grained, dark greenish- brown colour, massive textured to weakly developed breccia fabric @ 60 tca, moderate pervassive silica-bio alteration, weakly fractured @ 60 tca (1/m), no significant veining, with trace fine-gr disseminated po-py, lower contact with Komatiitic Basalt sharp @ 60 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									



LITHOLOGY REPORT

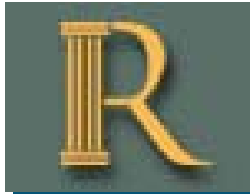
- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 2 PRV BIO 1 PCH									
520.09	532.65	Feature 1	PED41275	520.00	521.00	1.00	0.02	0.019	-	-	19.00
		Type	PED41276	521.00	522.00	1.00	0.06	0.063	-	-	63.00
		Dyke % Thickness Colour Vein	PED41277	522.00	523.00	1.00	0.08	0.080	-	-	80.00
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GND	PED41278	523.00	524.00	1.00	0.02	0.018	-	-	18.00
		QLF: ALT MAS FRA	PED41279	524.00	525.00	1.00	0.02	0.019	-	-	19.00
		Komatiitic Basalt: Fine-grained, dark green colour, massive textured, moderate pervassive silica-chl alteration and spotty bio alteration, no significant veining observed, trace mineralization as f-gr dissem po-py, weak fracturing @ 60 tca (<1/m), lower contact with High-Ti Basalt @ 25 tca.	PED41280	525.00	526.00	1.00	0.02	0.016	-	-	16.00
		Alteration : Type/Intensity/Texture	PED41281	526.00	527.00	1.00	0.16	0.156	-	-	156.00
		CHL 2 PRV	PED41282	527.00	528.00	1.00	0.03	0.026	-	-	26.00
		SIL 2 PRV	PED41283	528.00	529.00	1.00	0.03	0.025	-	-	25.00
		BIO 1 PCH	PED41284	529.00	530.00	1.00	0.02	0.017	-	-	17.00
			PED41285	530.00	531.00	1.00	0.12	0.117	-	-	117.00
			PED41286	531.00	532.00	1.00	0.05	0.049	-	-	49.00
			PED41287	532.00	533.00	1.00	0.11	0.105	-	-	105.00
532.65	533.79	Feature 1	PED41288	533.00	534.00	1.00	0.02	0.024	-	-	24.00
		Type									
		Dyke % Thickness Colour Vein									
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 BNM									
		QLF: ALT BRX FRA									
		High-Ti Basalt: Fine-grained, dark greenish-brown colour, massive textured to weakly developed breccia fabric @ 60-70 tca, moderate pervassive silica-bio alteration, weakly fractured @ 30 tca (<1/m), no significant veining, with trace fine-gr dissem po-py with local minor bleb of po, lower contact with Komatiitic Basalt sharp @ 75 tca.									
		Alteration : Type/Intensity/Texture									
		CHL 2 PCH									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)																
		SIL 3 PRV BIO 2 PCH																									
533.79	535.60	Feature 1	PED41289	534.00	535.00	1.00	0.08	0.084	-	-	84.00																
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: right;">100</td> <td style="text-align: right;">0</td> <td style="text-align: right;">GND</td> <td></td> </tr> </table> <p>QLF: ALT MAS GS2</p> <p>Komatiitic Basalt: Fine-grained, dark green colour, massive textured, moderate pervassive silica-chl alteration and spotty bio alteration, no significant veining or mineralization observed.</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>CHL 2 PRV</td> </tr> <tr> <td>SIL 2 PRV</td> </tr> <tr> <td>BIO 1 PCH</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	□	100	0	GND		Type/Intensity/Texture	CHL 2 PRV	SIL 2 PRV	BIO 1 PCH	PED41290	535.00	535.60	0.60	1.07	1.070	-	-	1070.00
Type	Dyke	%	Thickness	Colour	Vein																						
E0B Komatiitic_basalt	□	100	0	GND																							
Type/Intensity/Texture																											
CHL 2 PRV																											
SIL 2 PRV																											
BIO 1 PCH																											
535.60	536.60	Feature 1	PED41291	535.60	535.90	0.30	77.66	>10.000	77.66	-	0000.0																
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;">□</td> <td style="text-align: right;">40</td> <td style="text-align: right;">0</td> <td></td> <td style="text-align: right;">F</td> </tr> </table> <p>QLF: ALT MIN</p> <p>Komatiitic Basalt with Qtz-carb-act veining containing breccia Komatiitic wallrock fragments: Two separate veins (13 and 16 cm wide) @ 25 to 40 tca, VG noted (2 specks) in first vein, trace fine-gr po-py. (see Oriented Point Data Spreadsheet for detailed veining and structure).</p> <p>Visible Gold :</p> <table border="0"> <tr> <td style="text-align: right;">SampleID/Grainsize/Style</td> </tr> <tr> <td>PED41292 1-2mm Speck</td> </tr> </table> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V2_BX Quartz_Vein_with_Fragments	□	40	0		F	SampleID/Grainsize/Style	PED41292 1-2mm Speck	Type/Intensity/Texture	PED41293	535.90	536.60	0.70	4.60	4.600	-	-	4602.00	
Type	Dyke	%	Thickness	Colour	Vein																						
V2_BX Quartz_Vein_with_Fragments	□	40	0		F																						
SampleID/Grainsize/Style																											
PED41292 1-2mm Speck																											
Type/Intensity/Texture																											



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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AC 2 VND
SIL 3 VND

Structure:

535.60 - 536.60 Alpha: 30 Beta: 55
Type/GEN/Intensity CA1: CA2:
 V2_BX 25 40

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	60	0	GND	F

QLF: ALT MIN

Alteration : *Type/Intensity/Texture*

CHL 3 PRV
BIO 1 PCH
SIL 3 PRV

536.60	539.85	Feature 1	PED41295	536.60	537.50	0.90	0.10	0.098	-	-	98.00
			PED41296	537.50	538.50	1.00	0.03	0.026	-	-	26.00
			PED41298	538.50	539.50	1.00	0.05	0.045	-	-	45.00
			PED41299	539.50	540.00	0.50	0.00	<0.005	-	-	5.00

Komatiitic Basalt: Fine-grained, dark green colour, massive textured, moderate pervasive silica-chl alteration and spotty bio alteration, no significant veining or mineralization observed, weak fracturing @ 45-55 tca (1/m), lower contact with High-Ti Basalt sharp @ 60 tca.

Alteration : *Type/Intensity/Texture*

CHL 3 PRV
SIL 2 PCH



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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BIO 1 PCH

539.85 540.00 **Feature 1**

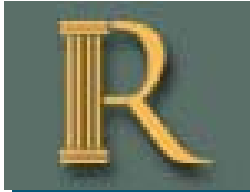
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E1H High_titanium_basalt	☐	100	0	GND	

QLF: ALT BRX FRA

High-Ti Basalt: Fine-grained, dark greenish-brown colour, massive textured to weakly developed breccia fabric @ 60-70 tca, moderate pervasive silica-bio alteration, weakly fractured @ 60 tca (<1/m), no significant veining, EOH @ 540, drilled to property boundary.

Alteration :

<i>Type/Intensity/Texture</i>
CHL 2 PRV
SIL 2 PRV
BIO 1 PCH



DRILL HOLE REPORT

Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 104.25	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 5.29	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 558	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 07-May-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 16-May-17				Surveyed: yes
Logged: 15-Jun-17				Surveyed by: Mark Cottrell

Comment: Hole is oriented using Boart TrueCore tool #3219

Coordinate - Gemcom

East: 10041.216
North: 49930.471
Elev.: 4762.924

Coordinate - UTM

East: 448147.84
North: 5663884.54
Elev.: -237.08
Zone: 15N **NAD:** NAD83

Geophysics:

Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	104.25	5.29	C	<input checked="" type="checkbox"/>	
10.00	104.24	5.29	Gyro	<input checked="" type="checkbox"/>	
15.00	106.62	5.23	DeviSh ot	<input type="checkbox"/>	
20.00	104.18	4.94	Gyro	<input checked="" type="checkbox"/>	
30.00	104.08	4.69	Gyro	<input checked="" type="checkbox"/>	
40.00	104.06	4.46	Gyro	<input checked="" type="checkbox"/>	
50.00	104.06	4.14	Gyro	<input checked="" type="checkbox"/>	
51.00	108.71	4.09	DeviSh ot	<input type="checkbox"/>	
60.00	104.24	4.06	Gyro	<input checked="" type="checkbox"/>	
70.00	104.42	3.85	Gyro	<input checked="" type="checkbox"/>	
80.00	104.51	3.75	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	104.59	3.57	Gyro	<input checked="" type="checkbox"/>	
100.00	104.65	3.45	Gyro	<input checked="" type="checkbox"/>	
102.00	104.65	3.37	DeviSh ot	<input type="checkbox"/>	Suspect
110.00	104.75	3.22	Gyro	<input checked="" type="checkbox"/>	
120.00	104.91	2.98	Gyro	<input checked="" type="checkbox"/>	
130.00	105.01	2.65	Gyro	<input checked="" type="checkbox"/>	
140.00	105.03	2.53	Gyro	<input checked="" type="checkbox"/>	
149.00	69.25	2.34	DeviSh ot	<input type="checkbox"/>	Suspect
150.00	105.21	2.46	Gyro	<input checked="" type="checkbox"/>	
160.00	105.31	2.32	Gyro	<input checked="" type="checkbox"/>	
170.00	105.56	2.14	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-04

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	105.57	1.75	Gyro	<input checked="" type="checkbox"/>	
190.00	105.72	1.59	Gyro	<input checked="" type="checkbox"/>	
200.00	105.80	1.42	Gyro	<input checked="" type="checkbox"/>	
201.00	107.27	1.30	DeviSh ot	<input type="checkbox"/>	
210.00	105.90	1.31	Gyro	<input checked="" type="checkbox"/>	
220.00	106.10	1.10	Gyro	<input checked="" type="checkbox"/>	
230.00	106.13	0.96	Gyro	<input checked="" type="checkbox"/>	
240.00	106.19	0.70	Gyro	<input checked="" type="checkbox"/>	
249.00	107.44	0.30	DeviSh ot	<input type="checkbox"/>	
250.00	106.32	0.42	Gyro	<input checked="" type="checkbox"/>	
260.00	106.41	0.14	Gyro	<input checked="" type="checkbox"/>	
270.00	106.51	-0.14	Gyro	<input checked="" type="checkbox"/>	
280.00	106.61	-0.25	Gyro	<input checked="" type="checkbox"/>	
290.00	106.72	-0.34	Gyro	<input checked="" type="checkbox"/>	
299.00	109.13	-0.59	DeviSh ot	<input type="checkbox"/>	
300.00	106.80	-0.47	Gyro	<input checked="" type="checkbox"/>	
310.00	106.96	-0.65	Gyro	<input checked="" type="checkbox"/>	
320.00	107.27	-0.66	Gyro	<input checked="" type="checkbox"/>	
330.00	107.64	-0.78	Gyro	<input checked="" type="checkbox"/>	
340.00	107.84	-0.62	Gyro	<input checked="" type="checkbox"/>	
349.00	112.41	-0.85	DeviSh ot	<input type="checkbox"/>	
350.00	108.15	-0.34	Gyro	<input checked="" type="checkbox"/>	
360.00	108.34	-0.25	Gyro	<input checked="" type="checkbox"/>	
370.00	108.53	-0.22	Gyro	<input checked="" type="checkbox"/>	
380.00	108.72	-0.18	Gyro	<input checked="" type="checkbox"/>	
390.00	108.92	-0.03	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
399.00	111.63	-0.66	DeviSh ot	<input type="checkbox"/>	
449.00	113.05	0.27	DeviSh ot	<input checked="" type="checkbox"/>	
499.00	113.79	1.66	DeviSh ot	<input checked="" type="checkbox"/>	
558.00	115.70	1.59	DeviSh ot	<input checked="" type="checkbox"/>	



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
0.00	121.75	Feature 1																									
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FLD DEFS</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), minor local spinfex texture, strong deformation throughout with folding/fracturing/foliation fabrics present, strong pervassive chl alteration and patchy talc alteration which increases downhole, minor serpentine alteration noted in veining, veining consist of 10% irregular/fragmented/boudinaged/ folded qtz-carb strsvnlts which are parallel to the local foliation/fracture orientation @ 40 to 60 tca. Local fold hinge present from 25 to 29 m (local weak patchy bio alteration present in this area), local strong foliation fabric @ 45-65 tca with strong fracturing (3-10/m) parallel to foliation fabric, also weak fracturing @ 20-35 tca (1/m), large sections of highly broken up core throughout entire unit. From 30 to 121.75 m there is a rubbly breccia texture (flow top breccia) with numerous curvilinear fractures infilled with chl-talc often with slickenslides on polished fracture surfaces. Lower contact with Mafic Dyke (Lamp Dyke?) sharp @ 55 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td><td></td></tr> <tr><td>TLC 2 PCH</td><td></td></tr> <tr><td>BIO 1 PCH</td><td></td></tr> <tr><td>CHL 3 PRV</td><td></td></tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr><td>121.74 - 121.75</td><td>Alpha: 50</td><td>Beta: 0</td></tr> <tr><td></td><td>Type/GEN/Intensity</td><td>CA1: CA2:</td></tr> <tr><td></td><td>CD 3</td><td></td></tr> </table>	Type/Intensity/Texture		TLC 2 PCH		BIO 1 PCH		CHL 3 PRV		121.74 - 121.75	Alpha: 50	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD 3									
Type/Intensity/Texture																											
TLC 2 PCH																											
BIO 1 PCH																											
CHL 3 PRV																											
121.74 - 121.75	Alpha: 50	Beta: 0																									
	Type/GEN/Intensity	CA1: CA2:																									
	CD 3																										
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT FLD DEFS</p>																									



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)																								
121.75	123.35	Feature 1																																	
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">100</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </table> <p>QLF: GS2 MAS FRA</p> <p>Mafic Dyke (possible Lamp Dyke): Fine to med-grained, massive textured, greyish-green matrix with dark green amphibole phenocrysts (2-3 mm) which are altering to biotite, minor hairline fractures infilled with white calcite, weak fracturing @ 40-45 tca (1/m), no significant veining or mineralization, weakly magnetic, sharp contacts @ 50 & 30 tca.</p> <p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>BIO 1 SPT</td> </tr> <tr> <td>CHL 2 PRV</td> </tr> <tr> <td>AMP 2 SPT</td> </tr> </table> <p>Structure:</p> <table style="width: 100%; border: none;"> <tr> <td>123.34 - 123.35</td> <td>Alpha: 30</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td style="text-align: right;">Type/GEN/Intensity</td> <td style="text-align: right;">CA1: CA2:</td> </tr> <tr> <td></td> <td>CD 2</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	100	0	BLK		Type/Intensity/Texture	BIO 1 SPT	CHL 2 PRV	AMP 2 SPT	123.34 - 123.35	Alpha: 30	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD 2									
Type	Dyke	%	Thickness	Colour	Vein																														
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	100	0	BLK																															
Type/Intensity/Texture																																			
BIO 1 SPT																																			
CHL 2 PRV																																			
AMP 2 SPT																																			
123.34 - 123.35	Alpha: 30	Beta: 0																																	
	Type/GEN/Intensity	CA1: CA2:																																	
	CD 2																																		
123.35	126.18	Feature 1																																	
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table> <p>QLF: ALT MAS FTB</p> <p>Komatiitic Basalt: Fine-grained, dark greenish-grey colour , massive textured to local rubbly breccia textures (flow top breccia), strong pervasive chl alteration and patchy talc and minor local serpentine alteration, weak fracturing @ 25-35 tca (1/m) and 45-65 tca (1-2/m), no significant veining or mineralization, sharp lower contact with Mafic Dyke @ 55 tca.</p> <p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM		Type/Intensity/Texture	AMP																			
Type	Dyke	%	Thickness	Colour	Vein																														
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																															
Type/Intensity/Texture																																			
AMP																																			



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		TLC 1 FF CHL 3 PRV									
		Structure:									
	126.17 - 126.18	Alpha: 55 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
126.18	129.49	Feature 1									
		Type									
		I1 Mafic_intrusive									
		Dyke <input checked="" type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour BLK									
		Vein									
		QLF: GS2 ALT FRA									
		Mafic Dyke (possible Lamp Dyke): Similar to previous dyke above, fine to med-grained, massive textured, greyish-green matrix with dark green amphibole phenocrysts (2-3 mm) which are altering to biotite, minor hairline fractures infilled with white calcite, moderate fracturing @ 45-55 tca (1-3/m), no significant veining or mineralization, weakly magnetitic, sharp contacts @ 55 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP 2 SPT									
		CHL 2 PRV									
		BIO 1 SPT									
		Structure:									
	129.48 - 129.49	Alpha: 55 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
129.49	194.55	Feature 1									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB FRA</p> <p>Komatiitic Basalt: Fine-grained with strong rubby breccia texture (flow top breccia) with numerous curvilinear fracture planes (1-3/m) that are smooth polished surfaces @ 45-50 tca infilled with talc-chl and often have slickenslides present on the surface, strongly broken up core with ground up sections, no significant veining or mineralization observed, (minor (1-2%) white calcite str/vnlts @ 40 to 70 tca from 161.5 to 162.5 m). Lower contact with Mafic Dyke sharp @ 25 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 1 PCH</p> <p style="margin-left: 40px;">TLC 2 FF</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>194.54 - 194.55 Alpha: 25 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD</p>									
194.55	195.80	<p>Feature 1</p> <p>Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: ALT MAS GS2</p> <p>Mafic Dyke (possible Lamp Dyke): Med-grained, massive textured, greyish-green matrix with dark green amphibole phenocrysts (2-3 mm) which are altering to biotite, minor white calcite str (<1%) @ 40 tca, no significant mineralization, weakly magnetic, sharp contacts @ 25-30 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 PRV</p> <p style="margin-left: 40px;">BIO 1 SPT</p>									



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		AMP 2 SPT																			
		Structure: 195.70 - 195.80 Alpha: 30 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																			
195.80	197.80	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td><input type="checkbox"/></td> <td>90</td> <td>0</td> <td>GNM</td> <td>S</td> </tr> </tbody> </table> <p>QLF: ALT FTB VND</p> <p>Komatiitic Basalt: Fine-grained with weak rubbly breccia texture (flow top breccia) with weak fracture planes (1/m) @ 30-35 tca, no significant mineralization observed, minor (10%) white planar to fragmented calcite strsvnlts @ 20 to 30 tca. Lower contact with Mafic Dyke sharp @ 50 tca.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	90	0	GNM	S							
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	90	0	GNM	S																
		Alteration : Type/Intensity/Texture AC 1 VND CBC 2 VND CHL 2 PRV																			
		Structure: 197.70 - 197.80 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																			
		Feature 2:																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V1B Calcite_vein</td> <td><input type="checkbox"/></td> <td>10</td> <td>0</td> <td>WHT</td> <td>S</td> </tr> </tbody> </table> <p>QLF: ALT FTB VND</p>	Type	Dyke	%	Thickness	Colour	Vein	V1B Calcite_vein	<input type="checkbox"/>	10	0	WHT	S							
Type	Dyke	%	Thickness	Colour	Vein																
V1B Calcite_vein	<input type="checkbox"/>	10	0	WHT	S																



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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197.80 198.30 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BND	

QLF: ALT MAS GS1

Mafic Dyke (possible Lamp Dyke): Fine-grained, massive textured, brownish-green colour with strong biotite alteration, no significant mineralization or veining, weakly magnetitic, sharp contacts @ 50-30 tca.

Alteration :

Type/Intensity/Texture
AMP
CHL 2 PRV
BIO 3 PRV

Structure:

198.20 - 198.30 Alpha: 30 Beta: 0

Type/GEN/Intensity	CA1:	CA2:
CD		

198.30 312.53 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM	

QLF: ALT FTB FRA

Komatiitic Basalt: Fine-grained with moderate to strong rubbly breccia texture (flow top breccia) with moderate fracture planes @ 40-55 tca (1-3/m) and 20-30 tca (<1/m), minor local shear /foliation fabric @ 70-75 tca from 275.5 to 276 m, and local fold hinge with the fold axis perpendicular to the core axis from 306.4 to 306.8 m, no significant mineralization or veining observed (1% irregular to fragmented/boudinaged qtz-carb strcs/threads throughout the unit). Lower contact with Lamp Dyke sharp @ 50 tca.



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :									
		Type/Intensity/Texture									
		CB 1 PCH									
		TLC 2 PCH									
		CHL 3 PRV									
		Structure:									
	275.50 - 276.00	Alpha: 70									
		Type/GEN/Intensity									
		SHD 1									
		Beta: 0									
		CA1: CA2:									
		70 75									
	306.40 - 306.80	Alpha: 90									
		Type/GEN/Intensity									
		FLD 3									
		Beta: 0									
		CA1: CA2:									
		CD									
	312.52 - 312.53	Alpha: 50									
		Type/GEN/Intensity									
		CD									
		Beta: 0									
		CA1: CA2:									
		CD									
312.53	314.33	Feature 1									
		Type									
		IOE Lamprophyre									
		Dyke	<input checked="" type="checkbox"/>								
		%		0							
		Thickness		0							
		Colour		BLK							
		Vein									
		QLF: GS1 MAS CHM									
		Lamp Dyke: Fine-grained, massive textured, no fracturing, no visible mineralization, no veining, local chill margins along both contacts, sharp contacts @ 50-40 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		CHL 1 PCH									
		Structure:									



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	314.32 - 314.33	Alpha: 40 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
314.33	330.21	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	97	0	GNM	S				
		QLF: ALT FOL GS1									
		Komatiitic Basalt: Fine-med-grained, green coloured, massive textured with a moderately developed foliation fabric @ 20-40 tca which increases downhole, 2-3% planar to boudinaged/fragmented qtz-catr strrs/threads parallel to the foliation fabric @ 20-40 tca, no visible mineralization, weak fracturing @ 35-40 tca (1/m) and 55-65 tca (1/m), lower contact with Felsic Dyke sharp @ 60 tca, (the Komatiitic Basalt becomes finer-grained, massive texture and strongly silicified towards the lower Felsic Dyke contact).									
		Alteration :	Type/Intensity/Texture								
			AMP								
			SIL 1 PCH								
			CHL 3 PRV								
		Structure:									
	314.33 - 327.00	Alpha: 40 Type/GEN/Intensity FOL 2									
		Beta: 0 CA1: CA2: 20 40									
	330.20 - 330.21	Alpha: 60 Type/GEN/Intensity CD 3									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0	WHT	S				



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: ALT FOL GS1</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 1 PCH</p>									
330.21	334.13	Feature 1									
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT FRA DEF</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 20-40 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, 1-2% fragmented sil'd greyish-white qtz-carb strs @ 15 to 45 tca, trace to locally 1% fine-gr dissemin py., sharp contacts @ 60-70 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p>CHL 2 FF</p> <p>SIL 3 PRV</p> <p>BIO 2 PCH</p> <p>Structure:</p> <p>334.12 - 334.13 Alpha: 70 Beta: 0</p> <p style="padding-left: 100px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 100px;">CD 3</p>									
334.13	336.78	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS</p>									



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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Komatiitic Basalt: Fine-grained, dark green coloured, moderate pervasive chl and patchy weak talc alteration, massive textured with local weak rubbly breccia texture, 1% irregular/ fragmented qtz-carb strs/threads, no visible mineralization, rare fracturing (<1/m) @ 45 tca, sharp lower contact with Felsic Dyke @ 60 tca.

Alteration : **Type/Intensity/Texture**
 AMP
 TLC 1 PCH
 CHL 3 PRV

Structure:
 336.77 - 336.78 Alpha: 60 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CD

336.78 371.28 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM	

QLF: ALT FRA

Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate patchy bio and strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 20-40 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, locally badly broken core, 1-2% fragmented sil'd greyish-white qtz-carb strs @ 15 to 45 tca, trace to locally 1% fine-gr dissem py., minor inclusion of Komatiitic Basalt (12 cm wide) @ 65 tca from 333.66 to 333.78 m, sharp contacts @ 60-65 tca.

Alteration : **Type/Intensity/Texture**
 CHL 1 FF
 SIL 3 PRV
 BIO 2 PCH

Structure:



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	371.27 - 371.28	Alpha: 65 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
371.28	378.85	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0						
		QLF: ALT GS1 MAS									
		Komatiitic Basalt: Fine-grained, dark green coloured, moderate pervasive chl and patchy weak talc alteration, massive textured , 1% irregular/ fragmented qtz-carb strcs/threads, no visible mineralization, rare fracturing (<1/m) @ 25 tca, sharp lower contact with Mafic Dyke @ 85 tca.									
		Alteration :	Type/Intensity/Texture								
			AMP								
			TLC 1 PCH								
			CHL 3 PRV								
		Structure:									
	378.84 - 378.85	Alpha: 80 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
378.85	387.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND					
		QLF: ALT MAS GS1									
		Mafic Dyke (possible Lamp Dyke): Fine-grained, massive textured, dark green to black colour with strong silica alteration, weak fracturing @ 45 tca (<1/m), no significant mineralization, 1% planar to fragmented white									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

calcite strs @ 10-25 tca, gradational contacts with chill margins @ 80-70 tca.

Alteration : **Type/Intensity/Texture**
 AMP
 SIL 3 PRV
 CHL 3 PRV

387.00 423.30 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND	

QLF: ALT MAS GS1

Komatiitic Basalt: Fine-grained, dark green coloured, moderate pervasive chl and patchy weak talc alteration, massive textured , 1% irregular/ fragmented qtz-carb strs/threads, no visible mineralization, minor fracturing (1/m) @ 45-65 tca, sharp lower contact with Felsic Dyke @ 70 tca.

Alteration : **Type/Intensity/Texture**
 AMP
 TLC 1 PCH
 CHL 3 PRV

Structure:

387.00 - 387.10 Alpha: 70 Beta: 0
Type/GEN/Intensity **CA1: CA2:**
 CD

423.29 - 423.30 Alpha: 70 Beta: 0
Type/GEN/Intensity **CA1: CA2:**
 CD



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
423.30	432.20	Feature 1	PED41351	423.30	424.00	0.70	0.53	0.532	-	-	
		Type	PED41352	424.00	424.60	0.60	0.66	0.655	-	-	
		Dyke % Thickness Colour Vein	PED41353	424.60	425.30	0.70	0.79	0.789	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 97 0 BNM S	PED41354	425.30	425.70	0.40	0.62	0.622	-	-	
		QLF: ALT FRA VND	PED41355	425.70	426.70	1.00	0.51	0.509	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate patchy bio and strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak to moderate fracturing @ 10-20 tca (1-2/m) and 45-55 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, 2-3% planar to fragmented sil'd greyish-white qtz-carb strs @ 15 to 45 tca (0.5 to 4 cm wide), 1% fine-gr dissem py-po, lower contact with High Ti Basalt sharp @ 70 tca. (see Oriented Point Data Spreadsheet for detailed structural and vein measurements).	PED41356	426.70	427.70	1.00	0.77	0.773	-	-	
			PED41357	427.70	428.70	1.00	0.45	0.454	-	-	
			PED41358	428.70	429.70	1.00	0.27	0.265	-	-	
			PED41359	429.70	430.50	0.80	0.55	0.548	-	-	
		Alteration : Type/Intensity/Texture	PED41360	430.50	431.30	0.80	0.61	0.614	-	-	
		CHL 1 FF	PED41361	431.30	432.20	0.90	0.50	0.504	-	-	
		SIL 3 PRV									
		BIO 2 PCH									
		Structure:									
	432.10 - 432.20	Alpha: 70									
		Type/GEN/Intensity	Beta: 55								
		CD	CA1: CA2:								
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
	423.30 - 432.20	PO GS1 0.5 DIS									
	423.30 - 432.20	PY GS1 0.5 DIS									
		Feature 2:									
		Type									
		Dyke % Thickness Colour Vein									
		V2A Quartz_carb_actinolite_vein <input checked="" type="checkbox"/> 3 0 GY S									
		QLF: ALT FRA VND									
		Alteration : Type/Intensity/Texture									



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		AC 1 VND SIL 3 PRV									
432.20	435.50	Feature 1	PED41362	432.20	432.79	0.59	0.10	0.099	-	-	
		Type	PED41363	432.79	433.50	0.71	0.48	0.482	-	-	
		E1H High_titanium_basalt	PED41364	433.50	434.00	0.50	0.50	0.495	-	-	
		QLF: ALT FOL SHD	PED41365	434.00	434.50	0.50	0.35	0.350	-	-	
		High-Ti Basalt: Fine-grained, dark brownish-green colour, moderate to strongly developed breccia/foliation fabric @ 45 to 65 tca, strong pervasive silica-bio-chl alteration which is somewhat banded parallel to breccia/foliation fabric, 2% sil'd qtz-carb-act threads/strs that are fragmented/rotated/folded parallel to fabric, (see Oriented Point Data Spreadsheet for detailed veining and structure), with trace to 1% fine-gr dissemin p-py, weakly magnetitic throughout.	PED41366	434.50	435.00	0.50	4.65	4.649	-	-	
			PED41367	435.00	435.50	0.50	0.27	0.269	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 BAN									
		SIL 3 PRV									
		BIO 3 BAN									
		Structure:									
		432.20 - 435.50 Alpha: 60 Beta: 55									
		Type/GEN/Intensity									
		FOL 3 CA1: 45 CA2: 65									
		FLT2 3 CA1: 45 CA2: 65									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		432.20 - 435.50 PY GS1 0.5 DIS									
		432.20 - 435.50 PO GS1 0.5 DIS									
		Feature 2:									



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Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
		Type	Dyke	%	Thickness	Colour	Vein									
		V2A Quartz_carb_actinolite_vein	☐	2	0	WHT	S									
		QLF: ALT FOL SHD														
		Alteration : Type/Intensity/Texture														
		AC 2 VND														
		SIL 3 PRV														
435.50	438.50	Feature 1					PED41368	435.50	436.00	0.50	48.64	>10.000	48.64	-	-	
		Type	Dyke	%	Thickness	Colour	Vein	PED41370	436.00	436.50	0.50	0.68	0.679	-	-	
		E1H High_titanium_basalt	☐	90	0	BNM	S	PED41371	436.50	437.50	1.00	1.45	1.454	-	-	
		QLF: ALT VND MIN														
		High-Ti Basalt: (Veined and mineralized) Fine-grained, dark brown colour, massive textured, strong pervassive silica-bio alteration with strong spotty garnet-magnetite alteration (garnets are 2-4mm wide and disseminated throughout the basalt in concentrations of 10 to 15 %), veining consist of a 5 cm planar qtz-act vein containing brecciated wallrock fragments @ 65 tca and 5-10% planar qtz-act str (1 to 3 cm wide) @ 15-25 tca (see Oriented Point Data Spreadsheet for detailed veining and structure), 1% fine-gr dissemin po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins, unit is strongly magnetitic throughout, weak fracturing @ 35 tca (<1/m).														
		Visible Gold : SampleID/Grainsize/Style														
		PED41368 5-10mm Bleb														
		Alteration : Type/Intensity/Texture														
		GRN 3 PRV														
		SIL 3 PRV														
		BIO 3 PRV														
		Mineralization Maj. : Type/GSZ%/HABIT														
435.50 -	438.50	MT GS1 5 DIS										Comment				
		High-Ti Basalt: (Veined and mineralized) with 1% fine-gr dissemin po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins, unit is														



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	435.50 - 438.50	PY GS1 1 DIS strongly magnetitic throughout High-Ti Basalt: (Veined and mineralized) with 1% fine-gr disseminated po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins, unit is strongly magnetitic throughout									
	435.50 - 438.50	PO GS1 4 DIS High-Ti Basalt: (Veined and mineralized) with 1% fine-gr disseminated po-py which locally increases to 4-5% po-py as blebs/strs proximal to sil'd veining margins, unit is strongly magnetitic throughout									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	☐	10	0	WHT	S				
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
438.50	441.67	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	☐	100	0	BND					
		QLF: ALT MAG MIN									
		High-Ti Basalt (Garnetiferous and mineralized with VG): Fine-grained, dark brown colour, massive textured matrix with 10-15% disseminated garnets (2-5 mm), strong pervasive silica-bio-garnet alteration, weak fracturing @ 20-30 tca (<1/m), 1-2% Qtz-carb-act thrs/str @ 10-30 tca and 55-60 tca, 1-2% blebs/strs/dissemination of po-py, strongly magnetitic throughout, (one Qtz-carb-act str @ 28 tca contained several blebs of VG within tension fractures within str @ 435.7 m), irregular lower contact with Altered Green Zone (Fuchs site Fault?).									
		Alteration :									
		Type/Intensity/Texture									
		GRN 3 SPT									
			PED41375	438.50	439.50	1.00	0.54	0.537	-	-	
			PED41376	439.50	440.00	0.50	0.22	0.224	-	-	
			PED41377	440.00	440.50	0.50	0.07	0.072	-	-	
			PED41378	440.50	441.00	0.50	0.39	0.393	-	-	
			PED41380	441.00	441.60	0.60	0.44	0.438	-	-	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV									
		BIO 3 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
		438.50 - MT GS1 5 DIS									
		441.67									
		438.50 - PY GS1 1 DIS									
		441.67									
		438.50 - PO GS2 4 BLB									
		441.67									
		Comment									
		High-Ti Basalt: 1-2% blebs/strs/dissemination of py, strongly magnetitic throughout.									
		High-Ti Basalt: 1-2% blebs/strs/dissemination of py, strongly magnetitic throughout.									
		High-Ti Basalt: 1-2% blebs/strs/dissemination of py, strongly magnetitic throughout.									
441.67	442.66	Feature 1	PED41381	441.60	442.66	1.06	0.39	0.391	-	-	
		Type									
		E1H High_titanium_basalt									
		QLF: ALT FOL VND									
		High-Ti Basalt Altered Green Zone (Fuchsite Fault??) : Fine-grained, bright green colour with irregular brownish patches (ankerite?) weakly foliated @ 65-70 tca, minor Qtz-carb-tour str @ 25 tca, upper contact irregular, lower contact sharp @ 80 tca. (see Oriented Point Data Spreadsheet for detailed veining and structure).									
		Alteration :									
		Type/Intensity/Texture									
		CBA 1 PCH									
		SIL 3 PRV									
		FUC 3 PRV									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
442.66	450.21	Feature 1	PED41382	442.66	443.10	0.44	4.66	4.660	-	-	
		Type	PED41383	443.10	444.00	0.90	0.01	0.011	-	-	
		E1H High_titanium_basalt	PED41384	444.00	445.00	1.00	0.00	<0.005	-	-	
		QLF: ALT MAS FRA	PED41385	445.00	446.00	1.00	0.00	<0.005	-	-	
		High-Ti Basalt: Fine-grained, dark greenish-brown, massive textured, weak to moderate pervasive silica-bio-chl alteration, weak fracturing @ 60-65 tca (1-2/m) and 20-25 tca (<1/m), rare qtz-carb-act threads/strs @ 10 to 40 tca, minor fragmented white calcite strs/threads, trace fine-gr dissemin po-py, weak patchy magnetite, sharp lower contact with Felsic Dyke @ 65 tca.	PED41386	446.00	447.00	1.00	0.00	<0.005	-	-	
			PED41387	447.00	448.00	1.00	0.00	<0.005	-	-	
			PED41388	448.00	449.00	1.00	0.00	<0.005	-	-	
			PED41389	449.00	450.21	1.21	0.01	0.014	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 2 PRV									
		BIO 2 PRV									
		Structure:									
		450.20 - 450.21 Alpha: 65 Beta: 135									
		Type/GEN/Intensity CA1: CA2:									
		CD 3									
450.21	459.69	Feature 1	PED41390	450.21	451.00	0.79	0.52	0.522	-	-	
		Type	PED41391	451.00	452.00	1.00	0.62	0.618	-	-	
		I3 Felsic_intrusive	PED41392	452.00	453.00	1.00	0.47	0.472	-	-	
		QLF: ALT VND FRA	PED41393	453.00	454.00	1.00	0.33	0.332	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate patchy bio and strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak to moderate fracturing @ 20-30 tca (1-2/m) and 45-65 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, 2-3% planar to fragmented sil'd greyish-white qtz-carb strs @ 15 to 45 tca (0.5 to 1 cm wide), 1% fine-gr dissemin py-po, lower contact with Komatiitic Basalt sharp @ 70 tca. (see Oriented Point Data Spreadsheet for detailed structural and vein measurements).	PED41394	454.00	455.00	1.00	1.18	1.180	-	-	
			PED41395	455.00	456.00	1.00	0.40	0.399	-	-	
			PED41396	456.00	457.00	1.00	0.51	0.511	-	-	
			PED41397	457.00	458.00	1.00	0.47	0.470	-	-	
			PED41398	458.00	459.00	1.00	0.47	0.467	-	-	
		Alteration :									
		Type/Intensity/Texture									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
		<p>Alteration:</p> <p>CHL 2 FF</p> <p>SIL 3 PRV</p> <p>BIO 2 PCH</p> <p>Structure:</p> <p>459.68 - 459.69 Alpha: 70 Beta: 120</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>CD 3</p> <p>Feature 2:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Dyke</th> <th>%</th> <th>Thickness</th> <th>Colour</th> <th>Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td><input type="checkbox"/></td> <td>3</td> <td>0</td> <td>GYM</td> <td>S</td> </tr> </tbody> </table> <p>QLF: ALT VND FRA</p> <p>Alteration:</p> <p>Type/Intensity/Texture</p> <p>SIL 3 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0	GYM	S	PED41399	459.00	459.69	0.69	0.42	0.420	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0	GYM	S																		
459.69	473.00	<p>Feature 1</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Dyke</th> <th>%</th> <th>Thickness</th> <th>Colour</th> <th>Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS GS1</p> <p>Komatiitic Basalt: Fine-grained, dark green coloured, moderate pervasive chl and patchy weak silica and bio alteration, massive textured, <1% irregular/ fragmented qtz-carb strs/threads, minor sil'd planar qtz-carb-act vnl/str (4 to 8 cm wide) @ 65-70 tca from 468.6 to 468.9 m, no visible mineralization, rare fracturing (<1/m) @ 40 tca, sharp lower contact with High-Ti Basalt @ 80 tca</p> <p>Alteration:</p> <p>Type/Intensity/Texture</p> <p>BIO 1 PCH</p> <p>SIL 1 PCH</p> <p>CHL 3 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND		PED41400	461.14	462.00	0.86	0.03	0.029	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																			
			PED41401	462.00	463.00	1.00	0.01	0.012	-	-	12.00												
			PED41402	463.00	464.00	1.00	0.00	<0.005	-	-	5.00												
			PED41403	468.00	468.60	0.60	0.02	0.020	-	-	20.00												
			PED41404	468.60	468.90	0.30	0.02	0.023	-	-	23.00												
			PED41405	468.90	470.00	1.10	0.08	0.081	-	-	81.00												
			PED41406	470.00	471.00	1.00	0.04	0.035	-	-	35.00												
			PED41407	471.00	472.00	1.00	0.20	0.197	-	-	197.00												
			PED41408	472.00	473.00	1.00	0.08	0.076	-	-	76.00												



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
473.00	479.70	Feature 1	PED41409	473.00	473.80	0.80	0.03	0.025	-	-	25.00
		Type	PED41410	473.80	474.70	0.90	0.85	0.852	-	-	852.00
		Dyke % Thickness Colour Vein	PED41411	474.70	475.30	0.60	0.04	0.041	-	-	41.00
		E1H High_titanium_basalt <input type="checkbox"/> 95 0 BNM S	PED41412	475.30	475.90	0.60	1.51	1.510	-	-	1508.00
		QLF: ALT VND MIN	PED41413	475.90	476.80	0.90	5.36	5.360	-	-	5361.00
		High-Ti Basalt: Fine-grained, dark greenish-brown, massive textured, moderate to strong pervasive silica-bio-chl alteration, weak fracturing @ 30-40 tca (1-2/m), 5% planar to fragmented qtz-carb-act threads/strs @ 20 to 30 tca, trace to locally 1-2% fine-gr dissemin po-py in proximity to qtz-carb-act strs, weak patchy magnetite, lower contact with Komatiitic Basalt is irregular and not very distinctive, (see Oriented Point Data Spreadsheet for detailed veining and structure).	PED41415	476.80	477.60	0.80	0.02	0.017	-	-	17.00
			PED41416	477.60	478.60	1.00	0.01	0.007	-	-	7.00
			PED41418	478.60	479.70	1.10	0.00	<0.005	-	-	5.00
		Alteration : Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
	473.00 - 473.01	Alpha: 80 Beta: 235									
		Type/GEN/Intensity CA1: CA2:									
		CS									
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
	475.30 - 476.80	PY GS1 0.5 DIS									
	475.30 - 476.80	PO GS1 1.5 DIS									
		Feature 2:									
		Type Dyke % Thickness Colour Vein									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 5 0 WHT S QLF: ALT VND MIN Alteration : Type/Intensity/Texture AC 2 VND SIL 3 PRV									
479.70	484.88	Feature 1	PED41419	479.70	480.30	0.60	0.03	0.029	-	-	29.00
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM C QLF: ALT MAS BRX Komatiitic Basalt: Fine-grained, dark green coloured, moderate pervassive chl and patchy weak silica and bio alteration, massive textured to local weakly developed breccia fabric @ 50-60 tca , 1% irregular/ fragmented qtz-carb strs/threads, no visible mineralization, minor fracturing (1/m) @ 65-80 tca, sharp lower contact with High-Ti Basalt @ 65 tca, (see Oriented Point Data Spreadsheet for detailed veining and structure). Alteration : Type/Intensity/Texture BIO 1 PCH SIL 1 PCH CHL 2 PRV Structure: 484.87 - 484.88 Alpha: 65 Beta: 55 Type/GEN/Intensity CA1: CA2: CS 3	PED41420	480.30	481.00	0.70	0.13	0.126	-	-	126.00
			PED41421	481.00	482.00	1.00	0.01	0.007	-	-	7.00
			PED41422	482.00	483.00	1.00	0.04	0.037	-	-	37.00
			PED41423	483.00	484.00	1.00	0.06	0.059	-	-	59.00
			PED41424	484.00	484.88	0.88	0.07	0.072	-	-	72.00



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)												
484.88	487.63	Feature 1	PED41425	484.88	485.90	1.02	0.03	0.033	-	-	33.00											
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	0	0	BNM		PED41426	485.90	486.90	1.00	0.09	0.088	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	☐	0	0	BNM																		
		<p>QLF: ALT DEFW FOL</p> <p>High-Ti Basalt: Fine-grained, dark greenish-brown, massive textured to weakly foliated @ 65 tca, moderate pervasive silica-bio-chl alteration, weak fracturing @ 45 tca (1/m), 1-2% planar to fragmented qtz-carb-act strs @ 25 to 30 tca, trace to locally 1-2% fine-gr disseminated po-py in proximity to qtz-carb-act strs, weak patchy magnetite, lower contact with Komatiitic Basalt is irregular and not very distinctive, (see Oriented Point Data Spreadsheet for detailed veining and structure).</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>CHL 2 PCH</td> </tr> <tr> <td>SIL 2 PRV</td> </tr> <tr> <td>BIO 2 PRV</td> </tr> </table>	Type/Intensity/Texture	CHL 2 PCH	SIL 2 PRV	BIO 2 PRV	PED41427	486.90	487.65	0.75	0.08	0.075	-	-								
Type/Intensity/Texture																						
CHL 2 PCH																						
SIL 2 PRV																						
BIO 2 PRV																						
487.63	488.73	Feature 1	PED41428	487.65	488.73	1.08	0.01	0.010	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0	GND									
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	☐	0	0	GND																		
		<p>QLF: ALT MAS GS1</p> <p>Komatiitic Basalt: Fine-grained, dark green coloured, moderate pervasive chl and patchy weak silica alteration, massive textured, 1% irregular/ fragmented qtz-carb strs/threads, no visible mineralization, sharp lower contact with Mafic Dyke @ 60 tca.</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> </tr> <tr> <td>SIL 1 PCH</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </table> <p>Structure:</p>	Type/Intensity/Texture	AMP	SIL 1 PCH	CHL 3 PRV																
Type/Intensity/Texture																						
AMP																						
SIL 1 PCH																						
CHL 3 PRV																						



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	488.72 - 488.73	Alpha: 60 Type/GEN/Intensity CD									
		Beta: 65 CA1: CA2:									
488.73	491.70	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GND					
		QLF: CHM MAS FRA									
		Mafic Dyke (possible Lamp Dyke): Fine-grained, massive textured, dark green to black colour with weak fracturing @ 40 tca (<1/m) and 10 tca (<1/m), no significant mineralization, trace planar white calcite threads @ 10-25 tca, sharp contacts with chill margins @ 60-50 tca.									
		Alteration :	Type/Intensity/Texture								
			AMP 2 SPT								
			SIL 1 PCH								
			CHL 2 PRV								
		Structure:									
	491.60 - 491.70	Alpha: 50 Type/GEN/Intensity CD									
		Beta: 220 CA1: CA2:									
491.70	509.71	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0	GNM					
		QLF: ALT MAS VND									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey coloured, moderate pervassive chl and patchy talc alteration, massive textured, 3% irregular/ fragmented qtz-carb strs/threads, no visible mineralization, sheared									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																				
lower contact with High-Ti Basalt? (mixed unit) @ 45 tca.																																															
<p>Alteration :</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">Type/Intensity/Texture</td> <td>AMP</td> </tr> <tr> <td>TLC 2</td> <td>PCH</td> </tr> <tr> <td>CHL 2</td> <td>PRV</td> </tr> </table>												Type/Intensity/Texture	AMP	TLC 2	PCH	CHL 2	PRV																														
Type/Intensity/Texture	AMP																																														
TLC 2	PCH																																														
CHL 2	PRV																																														
509.71	511.21	Feature 1																																													
<table style="width: 100%;"> <tr> <td style="width: 15%;">Type</td> <td style="width: 15%;">Dyke</td> <td style="width: 5%;">%</td> <td style="width: 10%;">Thickness</td> <td style="width: 10%;">Colour</td> <td style="width: 10%;">Vein</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">50</td> <td style="text-align: center;">0</td> <td>BNM</td> <td>L</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>QLF: ALT BRX VND</p> <p>Mixed Zone of Brecciated High-Ti Basalt and Komatiitic Basalt: Fine-grained with mottled greenish-brown colour, strong breccia fabric @ 60-70 tca with mixed clasts of both High-Ti Basalt and Komatiitic Basalt, strong bio-silica-chl alteration, 5% fragmented/folded sil'd whitish-grey qtz-carb act str/vnlts at various angles, minor po-py blebs proximal to contorted veining.</p>												Type	Dyke	%	Thickness	Colour	Vein							E1H High_titanium_basalt	□	50	0	BNM	L																		
Type	Dyke	%	Thickness	Colour	Vein																																										
E1H High_titanium_basalt	□	50	0	BNM	L																																										
<p>Alteration :</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">Type/Intensity/Texture</td> <td>CHL 2</td> <td>PCH</td> </tr> <tr> <td>SIL 3</td> <td>PRV</td> <td></td> </tr> <tr> <td>BIO 3</td> <td>PCH</td> <td></td> </tr> </table>												Type/Intensity/Texture	CHL 2	PCH	SIL 3	PRV		BIO 3	PCH																												
Type/Intensity/Texture	CHL 2	PCH																																													
SIL 3	PRV																																														
BIO 3	PCH																																														
<p>Structure:</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">509.71 - 511.21</td> <td style="width: 15%;">Alpha: 70</td> <td style="width: 15%;">Beta: 0</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>FLT2 3</td> <td>60</td> <td>70</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												509.71 - 511.21	Alpha: 70	Beta: 0											Type/GEN/Intensity	CA1:	CA2:										FLT2 3	60	70								
509.71 - 511.21	Alpha: 70	Beta: 0																																													
	Type/GEN/Intensity	CA1:	CA2:																																												
	FLT2 3	60	70																																												
<p>Feature 2:</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">Type</td> <td style="width: 15%;">Dyke</td> <td style="width: 5%;">%</td> <td style="width: 10%;">Thickness</td> <td style="width: 10%;">Colour</td> <td style="width: 10%;">Vein</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table>												Type	Dyke	%	Thickness	Colour	Vein																														
Type	Dyke	%	Thickness	Colour	Vein																																										



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E0B Komatiitic_basalt <input type="checkbox"/> 50 0 GNM L QLF: ALT BRX VND									
511.21	520.50	Feature 1 <div style="text-align: center;"> Type Dyke % Thickness Colour Vein </div> E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNL QLF: ALT GS1 MAS Komatiitic Basalt: Fine to med-grained, dark greenish-grey coloured, moderate pervassive chl and patchy talc alteration, massive textured, 1% irregular/ fragmented Qtz-carb strsthreads, no visible mineralization, sharp lower contact with Lamp Dyke @ 50 tca. Alteration : Type/Intensity/Texture AMP TLC 1 PCH CHL 3 PRV	PED41433	511.21	512.00	0.79	0.95	0.950	-	-	
520.50	526.80	Feature 1 <div style="text-align: center;"> Type Dyke % Thickness Colour Vein </div> I0E Lamprophyre <input checked="" type="checkbox"/> 0 0 BLK QLF: MAS FRA CHM Lamp Dyke: Fine-grained, massive textured, dark green to black colour with weak fracturing @ 50 tca (1-3/m), no significant mineralization, 1% planar to fragmented white calcite strsthreads @ 10-25 tca, gradational contacts with chill margins @ 50 tca. Alteration : Type/Intensity/Texture AMP									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		SIL BIO																		
526.80	531.30	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																
		<p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey coloured, moderate pervassive chl and patchy talc alteration, massive textured, weak fracturing @ 50-60 tca (1-2/m), 1% irregular/ fragmented qtz-carb strs/threads, no visible mineralization, lower contact with Lamp Dyke broken core.</p>																		
		<p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>AMP</td> </tr> <tr> <td>TLC 1 PCH</td> </tr> <tr> <td>CHL 2 PRV</td> </tr> </tbody> </table>										Type/Intensity/Texture	AMP	TLC 1 PCH	CHL 2 PRV					
Type/Intensity/Texture																				
AMP																				
TLC 1 PCH																				
CHL 2 PRV																				
531.30	532.26	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I0E Lamprophyre	<input type="checkbox"/>	0	0	BLK							
Type	Dyke	%	Thickness	Colour	Vein															
I0E Lamprophyre	<input type="checkbox"/>	0	0	BLK																
		<p>QLF: GS2 MAS CHM</p> <p>Lamp Dyke: Med-grained, massive textured, dark green to black colour with weak fracturing @ 50-60 tca (1/m), no significant mineralization or veining present, upper contact broken core, lower contact sharp with chill margin @ 50 tca.</p>																		
		<p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>AMP</td> </tr> </tbody> </table>										Type/Intensity/Texture	AMP							
Type/Intensity/Texture																				
AMP																				



LITHOLOGY REPORT

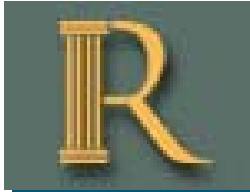
- Detailed -

Hole Number **610L-17-04**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL BIO									
		Structure:									
	532.25 - 532.26	Alpha: 50 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
532.26	558.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM	S				
		QLF: ALT MAS FRA									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey coloured, moderate pervassive chl and patchy talc alteration, massive textured, weak fracturing @ 50-60 tca (1-2/m), <1% irregular/ fragmented to planar white calcite str/threads @ 50-60 tca, no visible mineralization, EOH @ 558 m.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		TLC 1 PCH									
		CHL 2 PRV									



DRILL HOLE REPORT

Hole Number **610L-17-05**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 105.78	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 8.89	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 582	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 22-May-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 22-May-17				Surveyed: yes
Logged: 29-Jun-17				Surveyed by: Mark Cottrell
Comment: Hole is not oriented				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10041.205	East: 448147.41
			North: 49929.86	North: 5663884.11
			Elev.: 4763.273	Elev.: -236.73
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	105.78	8.89	C	<input checked="" type="checkbox"/>	
10.00	106.75	8.89	Gyro	<input checked="" type="checkbox"/>	
15.00	108.10	8.60	DeviSh ot	<input type="checkbox"/>	
20.00	106.72	8.51	Gyro	<input checked="" type="checkbox"/>	
30.00	106.62	8.04	Gyro	<input checked="" type="checkbox"/>	
40.00	106.62	7.84	Gyro	<input checked="" type="checkbox"/>	
50.00	106.39	7.52	Gyro	<input checked="" type="checkbox"/>	
51.00	104.10	7.10	DeviSh ot	<input type="checkbox"/>	Suspect - rejected-
60.00	106.22	7.37	Gyro	<input checked="" type="checkbox"/>	
70.00	106.22	7.18	Gyro	<input checked="" type="checkbox"/>	
80.00	106.44	7.04	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	106.66	6.86	Gyro	<input checked="" type="checkbox"/>	
100.00	106.89	6.70	Gyro	<input checked="" type="checkbox"/>	
102.00	105.05	6.30	DeviSh ot	<input type="checkbox"/>	Suspect - rejected-
110.00	107.08	6.52	Gyro	<input checked="" type="checkbox"/>	
120.00	107.14	6.26	Gyro	<input checked="" type="checkbox"/>	
130.00	107.22	6.12	Gyro	<input checked="" type="checkbox"/>	
140.00	107.50	6.25	Gyro	<input checked="" type="checkbox"/>	
149.00	108.06	5.28	DeviSh ot	<input type="checkbox"/>	
150.00	107.45	6.03	Gyro	<input checked="" type="checkbox"/>	
160.00	107.59	5.82	Gyro	<input checked="" type="checkbox"/>	
170.00	107.95	5.65	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-05

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	108.31	5.40	Gyro	<input checked="" type="checkbox"/>	
190.00	108.50	5.29	Gyro	<input checked="" type="checkbox"/>	
199.00	108.47	5.21	DeviSh ot	<input type="checkbox"/>	
200.00	108.75	5.33	Gyro	<input checked="" type="checkbox"/>	
210.00	108.78	5.16	Gyro	<input checked="" type="checkbox"/>	
220.00	108.86	5.01	Gyro	<input checked="" type="checkbox"/>	
230.00	109.05	4.87	Gyro	<input checked="" type="checkbox"/>	
240.00	109.04	4.66	Gyro	<input checked="" type="checkbox"/>	
249.00	110.87	4.01	DeviSh ot	<input type="checkbox"/>	
250.00	109.06	4.45	Gyro	<input checked="" type="checkbox"/>	
260.00	109.10	4.27	Gyro	<input checked="" type="checkbox"/>	
270.00	109.07	4.12	Gyro	<input checked="" type="checkbox"/>	
280.00	109.36	4.03	Gyro	<input checked="" type="checkbox"/>	
290.00	109.49	3.82	Gyro	<input checked="" type="checkbox"/>	
299.00	110.10	3.48	DeviSh ot	<input type="checkbox"/>	
300.00	109.85	3.78	Gyro	<input checked="" type="checkbox"/>	
310.00	110.25	3.62	Gyro	<input checked="" type="checkbox"/>	
320.00	110.36	3.49	Gyro	<input checked="" type="checkbox"/>	
330.00	110.39	3.18	Gyro	<input checked="" type="checkbox"/>	
340.00	110.63	2.91	Gyro	<input checked="" type="checkbox"/>	
348.00	110.62	2.43	DeviSh ot	<input type="checkbox"/>	
350.00	110.95	2.68	Gyro	<input checked="" type="checkbox"/>	
360.00	111.31	2.52	Gyro	<input checked="" type="checkbox"/>	
370.00	111.72	2.70	Gyro	<input checked="" type="checkbox"/>	
380.00	112.12	2.70	Gyro	<input checked="" type="checkbox"/>	
390.00	112.26	2.68	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	113.21	2.16	DeviSh ot	<input checked="" type="checkbox"/>	
453.00	115.06	2.56	DeviSh ot	<input checked="" type="checkbox"/>	
501.00	116.53	3.00	DeviSh ot	<input checked="" type="checkbox"/>	
549.00	117.02	3.12	DeviSh ot	<input checked="" type="checkbox"/>	
582.00	117.58	3.28	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.80	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM</p> <p>QLF: ALT FOL DEF</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to foliated @ 45-55 tca, strong pervassive chl alteration and patchy talc alteration which increases downhole, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb str/vnlts which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic dyke @ 45 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">TLC 2 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>2.79 - 2.80 Alpha: 45 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD</p>									
2.80	4.08	Feature 1									
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 BLK</p> <p>QLF: GS1 MAS FRA</p> <p>Mafic Dyke: Fine-grained, dark black, massive textured, weak fracturing @ 60-70 tca (1/m), no veining or mineralization, however weakly magnetitic throughout, sharp contacts @ 45-65 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL BIO 1 PCH									
		Structure: 4.07 - 4.08 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
4.08	26.60	Feature 1									
		Type E0B Komatiitic_basalt	Dyke <input type="checkbox"/>	% 90	Thickness 0	Colour GNM	Vein S				
		QLF: ALT FTB FRA Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout, strong pervassive chl alteration and patchy talc alteration which increases downhole, veining consist of 10% irregular/ fragmented/boudinaged/ folded qtz-carb strs/vnlts which are parallel to the local foliation/fracture orientation @ 40 to 60 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 50 tca.									
		Alteration : Type/Intensity/Texture AMP TLC 2 PCH CHL 3 PRV									
		Structure: 26.50 - 26.60 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
		Feature 2:									



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From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		V3 Quartz_carbonate vein	<input type="checkbox"/>	10	0	WHT	S								
		QLF: ALT FTB FRA													
26.60	27.70	Feature 1													
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK									
		QLF: MAS GS1													
		Mafic Dyke: Fine-grained, dark black, massive textured, no veining or mineralization, however weakly magnetitic throughout, sharp contacts @ 50-45 tca.													
		Alteration :													
		Type/Intensity/Texture													
		AMP													
		SIL													
		BIO 1 PCH													
		Structure:													
		27.60 - 27.70 Alpha: 45 Beta: 0													
		Type/GEN/Intensity CA1: CA2:													
		CD													
27.70	130.20	Feature 1													
		E0B Komatiitic_basalt	<input type="checkbox"/>	90	0	GNM	S								
		QLF: ALT FTB FRA													
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured with increased rubbly													



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		breccia texture (flow top breccia) with numerous curvilinear fractures infilled with chl-talc often with slickensides on polished fracture surfaces, minor local spinfex texture, strong deformation throughout with folding/fracturing/foliation fabrics present, strong pervasive chl alteration and patchy talc alteration which increases downhole, minor serpentine alteration noted in veining, veining consist of 10% irregular/fragmented/boudinaged/ folded qtz-carb strsvnlts which are parallel to the local foliation/fracture orientation @ 40 to 60 tca. local strong fracturing (3-10/m) parallel to foliation fabric, also weak fracturing @ 20-35 tca (1/m), large sections of highly broken up core throughout entire unit. Lower contact with Mafic Dyke sharp @ 30 tca.																			
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">TLC 2 PCH</p> <p style="margin-left: 20px;">CHL 3 PRV</p>																			
		<p>Structure:</p> <p>123.00 - 126.00 Alpha: 40 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">FLT 3 25 45</p> <p>130.10 - 130.20 Alpha: 30 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CD</p>																			
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">10</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> <p>QLF: ALT FTB FRA</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	10	0	WHT	S							
Type	Dyke	%	Thickness	Colour	Vein																
V3 Quartz_carbonate vein	<input type="checkbox"/>	10	0	WHT	S																
130.20	134.90	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK								
Type	Dyke	%	Thickness	Colour	Vein																
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK																	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		<p>QLF: GS1 MAS FRA</p> <p>Mafic Dyke: Fine-grained, dark black, massive textured, weak fracturing @ 45-50 tca (1-3/m), weak patchy bio alteration, no veining or mineralization, however weakly magnetitic throughout, sharp contacts @ 30-40 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>BIO 1 PCH</p> <p>Structure:</p> <p>134.80 - 134.90 Alpha: 40 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CD</p>																		
134.90	188.10	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">90</td> <td></td> <td style="text-align: center;">0 GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FTB FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured with strong rubbly breccia texture (flow top breccia) with numerous curvilinear fractures infilled with chl-talc often with slickenslides on polished fracture surfaces, strong deformation throughout with folding/fracturing/foliation fabrics present, strong pervasive chl alteration and patchy talc alteration, minor serpentine alteration noted in veining, veining consist of 10% irregular/ fragmented/boudinaged/ folded qtz-carb strsvnlts which are parallel to the local foliation/fracture orientation @ 40 to 60 tca. local strong fracturing (3-10/m) parallel to foliation fabric, also weak fracturing @ 20-35 tca (1/m), large sections of highly broken up core throughout entire unit. Lower contact with Mafic Dyke sharp @ 50 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>TLC 1 PCH</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	90		0 GNM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	90		0 GNM																



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	188.09 - 188.10	Alpha: 50 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
	V3	Quartz_carbonate vein	<input type="checkbox"/>	10	0	WHT					
		QLF: ALT FTB FRA									
188.10	195.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	I1	Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK					
		QLF: GS1 MAS FRA									
		Mafic Dyke (possible Lamp Dyke?): Fine to med-grained, dark black, massive textured, weak fracturing @ 45-50 tca (1-3/m), weak patchy bio alteration, no significant veining or mineralization, local white calcite str/vnlt @ 45-50 tca, weakly magnetitic throughout, sharp contacts @ 50-35 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO 1 PCH									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
195.00	338.50	Feature 1	PED41434	337.50	338.45	0.95	0.01	0.007	-	-	

Type **Dyke** **%** **Thickness** **Colour** **Vein**

E0B **Komatiitic_basalt** □ 95 0 GNM

QLF: ALT FTB FRA

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured with strong rubbly breccia texture (flow top breccia) with numerous curvilinear fractures infilled with chl-talc often with slickenslides on polished fracture surfaces, local patches of spinifex textures observed, strong deformation throughout with folding/fracturing/foliation fabrics present, (foliation fabric increases from 321 to 336 m @ 25-40 tca), strong pervasive chl alteration and patchy talc alteration which locally becomes quite strong, minor veining consist of 5% irregular/ fragmented/boudinaged/ folded qtz-carb strsvnlts which are parallel to the local foliation/fracture orientation @ 40 to 60 tca, minor (<1%) white calcite strsvnlts often highly fragmented, local strong fracturing (3-10/m) parallel to foliation fabric @ 45-65 tca, also weak fracturing @ 20-35 tca (1/m), with large sections of highly broken up core throughout entire unit. Lower contact with Felsic Dyke sharp @ 35 tca, the Komatiitic Basalt becomes silicified proximal to the lower contact with the Felsic Dyke.

Alteration : **Type/Intensity/Texture**

SRP 1 VND

TLC 2 PCH

CHL 3 PRV

Structure:

195.00 - 195.01 Alpha: 35 Beta: 0

Type/GEN/Intensity **CA1:** **CA2:**

CD

321.00 - 336.00 Alpha: 30 Beta: 0

Type/GEN/Intensity **CA1:** **CA2:**

FOL 2 25 40

338.49 - 338.50 Alpha: 35 Beta: 0

Type/GEN/Intensity **CA1:** **CA2:**

CD

Feature 2:



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA								
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)							
		Type V3 Quartz_carbonate vein QLF: ALT FTB FRA																
338.50	339.90	Feature 1 Type I3 Felsic_intrusive QLF: ALT VND FRA Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing @ 25 tca (1/m) with chl-sericite+/- py infilling fracture planes, 5% fragmented irregular sil'd greyish-white qtz-carb strs @ 10 to 45 tca, trace to locally 1% fine-gr dissemin py., sharp contacts @ 35 and 55 tca.	PED41435	338.45	339.28	0.83	0.19	0.189	-	-								
		Type I3 Felsic_intrusive QLF: ALT VND FRA Alteration : <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td><td></td></tr> <tr><td>CHL 2 FF</td><td></td></tr> <tr><td>SIL 3 PRV</td><td></td></tr> <tr><td>BIO 3 PCH</td><td></td></tr> </table> Structure: 339.89 - 339.90 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: CD	Type/Intensity/Texture		CHL 2 FF		SIL 3 PRV		BIO 3 PCH		PED41436	339.28	339.92	0.64	1.44	1.440	-	-
Type/Intensity/Texture																		
CHL 2 FF																		
SIL 3 PRV																		
BIO 3 PCH																		
339.90	342.80	Feature 1 Type E0B Komatiitic_basalt QLF: ALT MAS FRA	PED41437	339.92	341.00	1.08	0.05	0.052	-	-								
		Type E0B Komatiitic_basalt QLF: ALT MAS FRA	PED41438	341.00	342.00	1.00	0.01	0.007	-	-								
		Type E0B Komatiitic_basalt QLF: ALT MAS FRA	PED41439	342.00	342.80	0.80	0.01	0.011	-	-								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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Komatiitic Basalt: Fine-grained, light greenish-grey coloured, strong pervasive silica alteration overprinting the chl-talc, massive textured to weakly developed foliation fabric @ 40-45 tca, weak fracturing (1-2/m) @ 45-50 tca and @ 25 tca, no significant veining or mineralization present, sharp lower contact with altered Felsic Dyke @ 40 tca.

Alteration : **Type/Intensity/Texture**
 AMP
 CHL 2 PRV
 SIL 3 PRV

Structure:
 342.79 - 342.80 Alpha: 40 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CD

342.80	343.25	Feature 1	PED41440	342.80	343.29	0.49	0.10	0.100	-	-
--------	--------	-----------	----------	--------	--------	------	------	-------	---	---

Type	Dyke	%	Thickness	Colour	Vein
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	95	0	GNM	C

QLF: ALT BRX VND

Felsic Dyke: Fine-grained, mottled greenish-white colour, moder patchy bio, strong pervasive silica-actinolite alteration, strong breccia fabric @ 40-45 tca with strong micro-fracturing infilled with actinolite, 5% fragmented irregular sil'd greyish-white qtz-carb strs @ 10 to 45 tca, trace to locally 1% fine-gr dissem py., sharp contacts @ 40 tca.

Alteration : **Type/Intensity/Texture**
 AC 3 FF
 SIL 3 PRV
 BIO 2 PCH

Structure:



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	342.90 - 343.20	Alpha: 40 Type/GEN/Intensity FLT2 2									
		Beta: 0 CA1: CA2: 40 45									
	343.24 - 343.25	Alpha: 40 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	5	0	GNM	C				
		QLF: ALT BRX VND									
		Alteration :									
		Type/Intensity/Texture									
		AC 3 VND									
		SIL 3 PRV									
343.25	344.30	Feature 1									
		Type									
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
		QLF: ALT MAS GS1									
		Komatiitic Basalt: Fine-grained, light greenish-grey coloured, strong pervassive silica alteration overprinting the chl-talc, massive textured, no significant veining or mineralization present, sharp lower contact with Lamp Dyke @ 60 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		CHL 2 PRV									
		SIL 3 PRV									
		Structure:									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	344.29 - 344.30	Alpha: 60 Type/GEN/Intensity CD									
344.30	349.75	Feature 1									
		Type									
		I0E Lamprophyre	Dyke	%	Thickness	Colour	Vein				
		QLF: GS2 MAS FRA	<input checked="" type="checkbox"/>	0	0	BLK					
		Lamp Dyke: Fine to med-grained, dark black matrix with scattered whitish feldspar xlls (1-3 mm), massive textured with weak fracturing (1-3/m) @ 20-30 tca, minor local badly broken core, no veining or mineralization, weakly magnetitic throughout, sharp contacts @ 60-50 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									
	349.74 - 349.75	Alpha: 50 Type/GEN/Intensity CD									
			Beta: 0								
			CA1:	CA2:							



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
349.75	364.58	Feature 1	PED41443	349.75	351.00	1.25	0.43	0.430	-	-	
		Type	PED41444	351.00	352.00	1.00	0.17	0.166	-	-	
		I3 Felsic_intrusive	PED41445	352.00	353.00	1.00	0.44	0.442	-	-	
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein	PED41446	353.00	354.00	1.00	0.35	0.347	-	-	
		95 0 C	PED41447	354.00	355.00	1.00	0.56	0.558	-	-	
		QLF: ALT FRA VND	PED41449	355.00	356.00	1.00	0.47	0.473	-	-	
		Felsic Dyke: Fine-grained, mottled greenish-white colour, strong patchy bio, strong pervassive silica-actinolite alteration, massive textured with strong micro-fracturing infilled with chl-actinolite, 5% fragmented irregular sil'd greyish-white qtz-carb strs @ 10 to 75 tca, trace to locally 1% fine-gr dissem py-po., sharp lower contact @ 40 tca.	PED41451	356.00	357.00	1.00	0.26	0.264	-	-	
		Alteration :	PED41452	357.00	358.00	1.00	0.93	0.934	-	-	
		Type/Intensity/Texture	PED41453	358.00	359.00	1.00	0.57	0.568	-	-	
		CHL 2 FF	PED41454	359.00	360.00	1.00	0.31	0.309	-	-	
		SIL 3 PRV	PED41455	360.00	361.00	1.00	0.30	0.302	-	-	
		BIO 3 PCH	PED41456	361.00	362.00	1.00	1.11	1.110	-	-	
		Structure:	PED41457	362.00	363.00	1.00	0.20	0.203	-	-	
		364.57 - 364.58 Alpha: 20 Beta: 0	PED41458	363.00	364.00	1.00	0.48	0.482	-	-	
		Type/GEN/Intensity CA1: CA2:	PED41459	364.00	364.58	0.58	0.96	0.963	-	-	
		CD									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein									
		5 0 WHT C									
		QLF: ALT FRA VND									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
364.58	369.09	Feature 1	PED41460	364.58	365.00	0.42	0.16	0.156	-	-	
		Type	PED41461	365.00	366.00	1.00	0.08	0.080	-	-	
		E1H High_titanium_basalt	PED41462	366.00	366.50	0.50	0.04	0.038	-	-	
		QLF: ALT VND MIN	PED41463	366.50	367.00	0.50	0.37	0.366	-	-	
		High-Ti Basalt : Fine-grained, mottled brownish-green colour, massive textured to local strong breccia fabric @ 50 to 80 tca, strong patchy bio alteration, local patches of fuchsite altered bx clasts, 2-3% highly fragmented/ broken/folded sil'd greyish-white qtz-car-act strs (1 to 3 cm) @ 45 to 80 tca, trace to 1% dissem fine-gr po-py, weak fracturing @ 25 & 50 tca (1/m), lower contact with Komatiitic Basalt faulted @ 70 tca.	PED41464	367.00	367.50	0.50	15.25	>10.000	15.25	-	
			PED41466	367.50	368.00	0.50	0.57	0.565	-	-	
			PED41467	368.00	368.50	0.50	0.01	0.007	-	-	
			PED41469	368.50	369.00	0.50	0.19	0.185	-	-	
		Alteration :									
		Type/Intensity/Texture									
		FUC 2 PCH									
		SIL 3 PRV									
		BIO 3 PCH									
		Structure:									
		366.50 - 369.00 Alpha: 55 Beta: 0									
		Type/GEN/Intensity									
		FLT2 2 CA1: 50 CA2: 80									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		366.50 - 369.00 PY GS1 0.5 DIS									
		366.50 - 369.00 PO GS1 0.5 DIS									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
369.09	371.87	Feature 1	PED41470	369.00	370.00	1.00	0.04	0.040	-	-	
		Type	PED41471	370.00	371.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	PED41472	371.00	371.87	0.87	0.24	0.238	-	-	
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour GNM									
		Vein									
		QLF: ALT GS1 FRA									
		Komatiitic Basalt: Fine-grained, light greenish-grey coloured, strong pervassive chl and weak patchy silica and talc alteration, massive textured, no significant veining or mineralization present, sharp lower contact with Felsic Dyke @ 85 tca.									
		Alteration :									
		Type/Intensity/Texture									
		TLC 1 PCH									
		SIL 1 PCH									
		CHL 3 PRV									
		Structure:									
		369.68 - 369.69									
		Alpha: 70									
		Beta: 0									
		Type/GEN/Intensity									
		CT									
		CA1:									
		CA2:									
		371.86 - 371.87									
		Alpha: 85									
		Beta: 0									
		Type/GEN/Intensity									
		CD									
		CA1:									
		CA2:									
371.87	378.90	Feature 1	PED41473	371.87	373.00	1.13	0.47	0.472	-	-	
		Type	PED41474	373.00	374.00	1.00	0.13	0.132	-	-	
		I3 Felsic_intrusive									
		Dyke <input checked="" type="checkbox"/>									
		% 98									
		Thickness 0									
		Colour BNM									
		Vein									
		QLF: ALT MAS FRA									
		Felsic Dyke: Fine-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with strong micro-fracturing infilled with chl-actinolite, moderate fracturing (1-3/m)									



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)													
		<p>@ 40-60 tca, 2% fragmented/broken up irregular to planar sil'd greyish-white qtz-carb-act str's @ 10 to 50 tca, trace to locally 1% fine-gr dissemin py-po., sharp lower contact @ 85 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p> CHL 1 FF</p> <p> SIL 3 PRV</p> <p> BIO 1 PCH</p> <p>Structure:</p> <p>378.80 - 378.90 Alpha: 85 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CD</p> <p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Alteration : Type/Intensity/Texture</p> <p> AC 1 VND</p> <p> SIL 3 PRV</p>											Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	2	0	WHT	S
Type	Dyke	%	Thickness	Colour	Vein																			
V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	2	0	WHT	S																			
378.90	426.36	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNL</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS PIL</p> <p>Komatiitic Basalt: (Possibly pillowed?) Fine-grained, light green coloured, strong pervasive chl and weak patchy silica and talc alteration, massive textured, local evidence of possible pillow selvages throughout, no significant veining or mineralization present, (possible narrow Mafic Dyke from 386.9 to 387.5 m, contacts unclear but there is a distinct change with an increase in local bio alteration and 1% po-py infilling fractures), sharp lower contact with Felsic Dyke @ 20 tca, foliation fabric developed within the Komatiitic Basalt @ 25-35</p>											Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL	
Type	Dyke	%	Thickness	Colour	Vein																			
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL																				



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		within 1 m from lower contact.									
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 PCH									
		TLC 1 PCH									
		CHL 3 PRV									
		Structure:									
		426.35 - 426.36									
		Alpha: 20									
		Beta: 0									
		Type/GEN/Intensity									
		CD									
		CA1: CA2:									
426.36	438.00	Feature 1									
		Type									
		I3 Felsic_intrusive									
		<input checked="" type="checkbox"/>									
		98									
		0 BNM									
		S									
		QLF: ALT MAS FRA									
		Felsic Dyke: Fine-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with strong micro-fracturing infilled with chl-actinolite, moderate fracturing (1-3/m) @ 45-60 tca, 2% fragmented/broken up irregular to planar sil'd greyish-white qtz-carb-act strs @ 30 to 50 tca, trace to locally 1% fine-gr disseminated py-po., local narrow shear zone from 433 to 434m with strong shear fabric @ 45-55 tca, sharp lower contact with Komatiitic Basalt which is somewhat undulating @ 5-10 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PCH									
		Structure:									
		433.00 - 434.00									
		Alpha: 50									
		Beta: 0									
		Type/GEN/Intensity									
		SHD 3									
		45									
		55									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	437.90 - 438.00	Alpha: 10 Type/GEN/Intensity CD									
		Beta: 0 CA1: 5 CA2: 10									
	Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	2	0	WHT	S				
	QLF: ALT MAS FRA										
	Alteration :		Type/Intensity/Texture								
			AC 1 VND								
			SIL 3 PRV								
438.00	439.47	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
	QLF: ALT MAS BRX										
	Komatiitic Basalt: Fine-grained, light green coloured, strong pervassive chl and weak patchy silica and bio alteration, massive textured to weakly developed breccia fabric @ 25-35 tca, weak fracturing @ 35-45 tca (1-2/m), no significant veining or mineralization present, sharp lower contact with Felsic Dyke @ 65 tca.										
	Alteration :		Type/Intensity/Texture								
			SIL 1 PCH								
			BIO 1 PCH								
			CHL 3 PRV								
	Structure:										
	439.46 - 439.47	Alpha: 65 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
439.47	447.23	Feature 1	PED41493	439.47	440.50	1.03	0.42	0.423	-	-	
		Type	PED41494	440.50	441.50	1.00	0.52	0.516	-	-	
		I3 Felsic_intrusive	PED41495	441.50	442.50	1.00	0.08	0.083	-	-	
		QLF: ALT MAS FRA	PED41496	442.50	443.50	1.00	0.29	0.287	-	-	
		Felsic Dyke: Fine-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with strong micro-fracturing infilled with chl, moderate fracturing (1-3/m) @ 40-65 tca and 10-30 tca (1/m), 2% fragmented/broken up irregular to planar sil'd greyish-white qtz-carb-act str @ 40 to 50 tca and minor (<1%) planar qtz-tour str @ 20-30 tca, trace to locally 1% fine-gr dissemin py-po., sharp lower contact with High-Ti Basalt @ 30 tca.	PED41497	443.50	444.50	1.00	0.12	0.120	-	-	
			PED41498	444.50	445.50	1.00	0.10	0.097	-	-	
			PED41499	445.50	446.50	1.00	0.43	0.428	-	-	
			PED41500	446.50	447.23	0.73	0.33	0.333	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 FF									
		SIL 3 PRV									
		BIO 2 PCH									
		Structure:									
		447.22 - 447.23 Alpha: 30 Beta: 0									
		Type/GEN/Intensity									
		CD									
		CA1: CA2:									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: ALT MAS FRA									
		Alteration :									
		Type/Intensity/Texture									
		AC 1 VND									
		SIL 3 PRV									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
447.23	450.56	Feature 1	PED54001	447.23	448.00	0.77	0.15	0.151	-	-	
		Type	PED54002	448.00	449.00	1.00	0.27	0.268	-	-	
		E1H High_titanium_basalt	PED54004	449.00	450.00	1.00	0.06	0.058	-	-	
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein	PED54005	450.00	450.50	0.50	0.00	<0.005	-	-	
		QLF: ALT GS1 FRA									
		High-Ti Basalt: Fine-grained, mottled greenish-brown colour, massive textured with an overprinted breccia with no distinct fabric defined, moderate patchy bio-chl alteration and strong pervasive silica alteration, no veining or significant mineralization noted (local specks of cpy noted @ 449.7 m), lower contact with Felsic Dyke is somewhat irregular @ 10-15 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 3 PRV									
		BIO 2 PRV									
		Structure:									
		450.55 - 450.56 Alpha: 15 Beta: 0									
		Type/GEN/Intensity									
		CD CA1: 10 CA2: 15									
450.56	453.15	Feature 1	PED54006	450.50	451.50	1.00	0.27	0.268	-	-	
		Type	PED54007	451.50	452.50	1.00	0.22	0.216	-	-	
		I3 Felsic_intrusive	PED54008	452.50	453.15	0.65	0.16	0.160	-	-	
		Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BNM Vein S									
		QLF: ALT FRA VND									
		Felsic Dyke: Fine-grained, mottled brownish-white colour, moderate patchy bio, strong pervasive silica alteration, massive textured with strong micro-fracturing infilled with chl, weak fracturing (1-2/m) @ 40-65 tca and 25 tca (1/m), minor (1%) fragmented/broken up irregular to planar sil'd greyish-white qtz-carb-act strs @ 50 to 65 tca, trace to locally 1% fine-gr disseminated py-po., sharp lower contact with High-Ti Basalt @ 85 tca.									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		Alteration : Type/Intensity/Texture CHL 1 FF SIL 3 PRV BIO 2 PCH Structure: 453.14 - 453.15 Alpha: 85 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																				
453.15	458.37	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H <i>High_titanium_basalt</i></td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td>GNM</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS FRA High-Ti Basalt: Fine-grained, mottled greenish-brown colour, massive textured with an overprinted breccia texture with no distinct fabric defined, moderate patchy bio-chl alteration and strong pervasive silica alteration, no veining or significant mineralization, lower contact with Felsic Dyke is sharp @ 60 tca.	Type	Dyke	%	Thickness	Colour	Vein	E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	GNM		PED54009	453.15	453.50	0.35	0.08	0.079	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	GNM																		
			PED54010	453.50	454.50	1.00	0.01	0.007	-	-												
			PED54012	454.50	455.50	1.00	0.01	0.006	-	-												
			PED54013	455.50	456.50	1.00	0.00	<0.005	-	-												
			PED54014	456.50	457.50	1.00	0.00	<0.005	-	-												
			PED54016	457.50	458.40	0.90	0.01	0.009	-	-												
		Alteration : Type/Intensity/Texture CHL 2 PCH SIL 3 PRV BIO 2 PCH Structure: 458.36 - 458.37 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																				



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
458.37	460.63	Feature 1	PED54017	458.40	459.00	0.60	0.51	0.507	-	-
		Type	PED54018	459.00	459.80	0.80	0.99	0.986	-	-
		I3 Felsic_intrusive	PED54019	459.80	460.63	0.83	0.53	0.525	-	-
		Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BNM Vein S								
		QLF: ALT MAS FRA								
		Felsic Dyke: Fine-grained, mottled brownish-white colour, moderate patchy bio, strong pervassive silica alteration, massive textured with strong micro-fracturing infilled with chl, weak fracturing (1-2/m) @ 45-65 tca, minor (<1%) fragmented/broken up irregular to planar sil'd greyish-white qtz-carb-act strs @ 50 to 65 tca, trace fine-gr dissemin py-po., sharp lower contact with Komatiitic Basalt @ 60 tca.								
		Alteration :								
		Type/Intensity/Texture								
		CHL 1 FF								
		SIL 3 PCH								
		BIO 2 PCH								
		Structure:								
		460.62 - 460.63 Alpha: 60 Beta: 0								
		Type/GEN/Intensity								
		CD CA1: CA2:								
460.63	467.60	Feature 1	PED54020	460.63	461.50	0.87	0.06	0.059	-	-
		Type	PED54021	461.50	462.40	0.90	0.01	0.008	-	-
		E0B Komatiitic_basalt	PED54022	462.40	463.00	0.60	0.16	0.158	-	-
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GNL	PED54023	463.00	464.00	1.00	0.00	<0.005	-	-
		QLF: ALT GS2 MAS	PED54024	464.00	465.00	1.00	0.00	<0.005	-	-
		Komatiitic Basalt: Fine to med-grained, light green coloured, strong pervassive chl and weak patchy silica and bio alteration, massive textured, weak fracturing @ 55-65 tca (1-/m), no significant veining or mineralization present, sharp lower contact with High-Ti Basalt @ 55 tca.	PED54025	465.00	466.00	1.00	0.00	<0.005	-	-
		Alteration :	PED54026	466.00	467.00	1.00	0.01	0.008	-	-
		Type/Intensity/Texture	PED54027	467.00	467.60	0.60	0.02	0.016	-	-
		BIO 1 PCH								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		SIL 2 PCH CHL 3 PRV									
		Structure: 467.59 - 467.60 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: CS									
467.60	482.08	Feature 1	PED54028	467.60	468.50	0.90	0.05	0.048	-	-	
		Type	PED54029	468.50	469.30	0.80	0.02	0.019	-	-	
		E1H High_titanium_basalt	PED54030	469.30	470.00	0.70	0.10	0.096	-	-	
		QLF: ALT VND MIN	PED54031	470.00	471.00	1.00	0.21	0.205	-	-	
		High-Ti Basalt: Fine-grained, mottled brownish-green colour, massive textured with alteration overprinted breccia texture with no distinct fabric defined, strong patchy bio-chl alteration and strong pervasive silica alteration, local spotty garnet alteration, approx 10 % veining as planar to highly fragmented/broken/folded qtz-carb-act str (0.5 to 2 cm) at various angles (planar str @ 10-20 tca and 40-80 tca), local breccia fault veins from 476.3 to 476.7m @ 55 tca and from 478.5 to 478.9 m @ 70 tca, trace to 1% local dissem fine-gr po-py, weak fracturing @ 10-15 tca (1/m) and 30-40 tca (1-2/m), lower contact with Komatiitic Basalt is sharp @ 55 tca.	PED54032	471.00	472.00	1.00	0.05	0.054	-	-	
			PED54034	472.00	473.00	1.00	0.36	0.358	-	-	
			PED54035	473.00	474.00	1.00	0.04	0.044	-	-	
			PED54036	474.00	474.50	0.50	0.04	0.039	-	-	
			PED54037	474.50	475.43	0.93	0.01	0.013	-	-	
			PED54038	475.43	476.13	0.70	0.04	0.035	-	-	
			PED54039	476.13	476.70	0.57	0.41	0.410	-	-	
			PED54041	476.70	477.50	0.80	0.02	0.015	-	-	
			PED54042	477.50	478.50	1.00	0.05	0.053	-	-	
			PED54043	478.50	478.90	0.40	0.15	0.145	-	-	
			PED54045	478.90	479.50	0.60	0.01	0.007	-	-	
			PED54046	479.50	480.00	0.50	0.10	0.099	-	-	
			PED54047	480.00	480.50	0.50	0.01	0.006	-	-	
			PED54048	480.50	481.50	1.00	0.00	<0.005	-	-	
			PED54049	481.50	482.08	0.58	0.02	0.018	-	-	
		Alteration : Type/Intensity/Texture GRN 1 SPT SIL 3 PRV BIO 3 PCH									
		Structure: 476.30 - 476.70 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: V2_BX 3 50 60									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
482.08	512.18	Feature 1	PED54050	482.08	483.00	0.92	0.00	<0.005	-	-	
		Type	PED54051	483.00	484.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	PED54052	484.00	485.00	1.00	0.01	0.010	-	-	
		QLF: ALT GS2 MAS	PED54053	485.00	486.00	1.00	0.02	0.022	-	-	
		Komatiitic Basalt: Fine to med-grained, light green coloured, strong pervassive chl and weak patchy silica and bio alteration, massive textured, weak fracturing @ 45-65 tca (1-/m), 1-2% qtz-carb str (locally silica and act altered) ranging from 10 to 80 tca, minor white calcite str @ 65 tca, no significant mineralization present, faulted lower contact with Mafic Dyke @ 75 tca.	PED54054	486.00	487.00	1.00	0.01	0.010	-	-	
			PED54055	487.00	487.70	0.70	0.01	0.013	-	-	
			PED54056	487.70	488.60	0.90	1.04	1.041	-	-	
			PED54058	488.60	489.50	0.90	1.20	1.200	-	-	
		Alteration :	PED54059	489.50	490.00	0.50	0.01	0.014	-	-	
		Type/Intensity/Texture	PED54061	490.00	491.00	1.00	0.00	<0.005	-	-	
		BIO 1 PCH	PED54062	491.00	492.00	1.00	0.00	<0.005	-	-	
		SIL 1 PCH	PED54063	492.00	493.00	1.00	0.00	<0.005	-	-	
		CHL 2 PRV	PED54064	493.00	494.00	1.00	0.01	0.008	-	-	
		Structure:	PED54065	494.00	495.00	1.00	0.00	<0.005	-	-	
	487.70 - 488.60	Alpha: 10	PED54066	495.00	496.00	1.00	0.00	<0.005	-	-	
		Type/GEN/Intensity									
		V2A									
		Beta: 0									
		CA1: CA2:									
		10 15									
	512.17 - 512.18	Alpha: 70									
		Type/GEN/Intensity									
		CD									
		Beta: 0									
		CA1: CA2:									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		QLF: ALT GS2 MAS									
		Alteration :									
		Type/Intensity/Texture									
		AC 1 VND									
		SIL 2 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																			
512.18	518.81	Feature 1																																												
		<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> <p>QLF: MAS VND</p> <p>Mafic Dyke (possible Lamp Dyke?): Fine to med-grained, dark black, massive textured, weak fracturing @ 35-45 tca (1-3/m) and 60-70 tca (1-2/m), minor veining as 1-2% planar qtz-carb strs @ 70-85 tca, trace to 1% fine-gr dissemin po-py mineralization and as fracture infilling, weakly magnetitic throughout, contacts @ 70-75 tca, minor inclusion of Komatiitic Basalt from 516 to 517m, (upper contact appears faulted @ 70 tca, lower contact is somewhat gradational @ approx 75 tca).</p> <p>Alteration :</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>AMP</td> </tr> <tr> <td>SIL</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </tbody> </table> <p>Structure:</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="width: 20%;">518.80 - 518.81</td> <td style="width: 30%;">Alpha: 75</td> <td style="width: 30%;">Beta: 0</td> <td style="width: 20%;">CA1: CA2:</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td></td> <td></td> </tr> <tr> <td></td> <td>CD</td> <td></td> <td></td> </tr> </tbody> </table> <p>Mineralization Maj. :</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type/GSZ%/HABIT</th> <th style="text-align: left;">Comment</th> </tr> </thead> <tbody> <tr> <td>512.18 - 518.81 PY GS1 0.5 DIS</td> <td></td> </tr> <tr> <td>512.18 - 518.81 PO GS1 0.5 DIS</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	98	0	BLK	S	Type/Intensity/Texture	AMP	SIL	CHL 3 PRV	518.80 - 518.81	Alpha: 75	Beta: 0	CA1: CA2:		Type/GEN/Intensity				CD			Type/GSZ%/HABIT	Comment	512.18 - 518.81 PY GS1 0.5 DIS		512.18 - 518.81 PO GS1 0.5 DIS											
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LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)														
518.81	552.00	Feature 1																							
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SIL																									
BIO																									



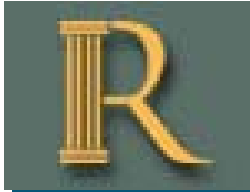
LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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DRILL HOLE REPORT

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 102.42	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 3.3	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 507	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 07-Jun-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 14-Jun-17				Surveyed: yes
Logged: 15-Jul-17				Surveyed by: Mark Cottrell
Comment: Oriented & Stabilized Hexagonal core barrel Offset B/S 0.76m right (north)				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10041.216	East: 448147.82	Left in hole:
		North: 49930.443	North: 5663884.52	Making water:
		Elev.: 4763.043	Elev.: -236.96	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	102.42	3.30	C	<input checked="" type="checkbox"/>	
10.00	102.40	3.30	Gyro	<input checked="" type="checkbox"/>	
15.00	104.52	3.28	DeviSh ot	<input type="checkbox"/>	
20.00	102.38	3.02	Gyro	<input checked="" type="checkbox"/>	
30.00	102.35	2.67	Gyro	<input checked="" type="checkbox"/>	
40.00	102.20	2.48	Gyro	<input checked="" type="checkbox"/>	
49.00	100.15	1.95	DeviSh ot	<input type="checkbox"/>	
50.00	102.16	2.36	Gyro	<input checked="" type="checkbox"/>	
60.00	102.12	2.12	Gyro	<input checked="" type="checkbox"/>	
70.00	102.13	1.93	Gyro	<input checked="" type="checkbox"/>	
80.00	102.09	1.78	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	102.14	1.65	Gyro	<input checked="" type="checkbox"/>	
100.00	102.21	1.49	Gyro	<input checked="" type="checkbox"/>	
102.00	100.24	1.43	DeviSh ot	<input type="checkbox"/>	
110.00	102.29	1.39	Gyro	<input checked="" type="checkbox"/>	
120.00	102.32	1.31	Gyro	<input checked="" type="checkbox"/>	
130.00	102.49	1.21	Gyro	<input checked="" type="checkbox"/>	
140.00	102.69	1.08	Gyro	<input checked="" type="checkbox"/>	
149.00	100.16	1.00	DeviSh ot	<input type="checkbox"/>	
150.00	102.74	0.96	Gyro	<input checked="" type="checkbox"/>	
160.00	102.83	0.83	Gyro	<input checked="" type="checkbox"/>	
170.00	102.97	0.69	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-06

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	103.13	0.62	Gyro	<input checked="" type="checkbox"/>	
190.00	103.30	0.49	Gyro	<input checked="" type="checkbox"/>	
199.00	102.15	0.24	DeviSh ot	<input type="checkbox"/>	
200.00	103.26	0.30	Gyro	<input checked="" type="checkbox"/>	
210.00	103.36	0.16	Gyro	<input checked="" type="checkbox"/>	
220.00	103.41	-0.15	Gyro	<input checked="" type="checkbox"/>	
230.00	103.52	-0.30	Gyro	<input checked="" type="checkbox"/>	
240.00	103.60	-0.43	Gyro	<input checked="" type="checkbox"/>	
250.00	103.64	-0.47	Gyro	<input checked="" type="checkbox"/>	
252.00	103.88	-0.85	DeviSh ot	<input type="checkbox"/>	
260.00	103.89	-0.63	Gyro	<input checked="" type="checkbox"/>	
270.00	104.03	-0.88	Gyro	<input checked="" type="checkbox"/>	
280.00	104.19	-1.02	Gyro	<input checked="" type="checkbox"/>	
290.00	104.46	-1.25	Gyro	<input checked="" type="checkbox"/>	
299.00	104.10	-1.44	DeviSh ot	<input type="checkbox"/>	
300.00	104.65	-1.17	Gyro	<input checked="" type="checkbox"/>	
310.00	104.83	-1.36	Gyro	<input checked="" type="checkbox"/>	
320.00	104.87	-1.49	Gyro	<input checked="" type="checkbox"/>	
330.00	104.92	-1.56	Gyro	<input checked="" type="checkbox"/>	
340.00	104.97	-1.74	Gyro	<input checked="" type="checkbox"/>	
350.00	105.04	-1.76	Gyro	<input checked="" type="checkbox"/>	
351.00	105.43	-2.20	DeviSh ot	<input type="checkbox"/>	
360.00	105.19	-1.80	Gyro	<input checked="" type="checkbox"/>	
370.00	105.27	-1.94	Gyro	<input checked="" type="checkbox"/>	
380.00	105.36	-2.06	Gyro	<input checked="" type="checkbox"/>	
390.00	105.53	-2.15	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	105.35	-2.53	DeviSh ot	<input checked="" type="checkbox"/>	
462.00	105.87	-2.82	DeviSh ot	<input checked="" type="checkbox"/>	
507.00	107.79	-1.80	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
0.00	2.30	Feature 1																					
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 97 0 GNM C</p> <p>QLF: ALT FRA DEFS</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to foliated @ 55-65 tca, strong pervassive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 40 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px; border: none;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>BIO 1 PCH</td> <td></td> </tr> <tr> <td>TLC 2 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table> <p>Structure:</p> <p>2.20 - 2.30 Alpha: 40 Beta: 0</p> <table style="margin-left: 20px; border: none;"> <tr> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>CD</td> <td></td> <td></td> </tr> </table>	Type/Intensity/Texture		BIO 1 PCH		TLC 2 PCH		CHL 3 PRV		Type/GEN/Intensity	CA1:	CA2:	CD									
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Type/GEN/Intensity	CA1:	CA2:																					
CD																							
		Feature 2:																					
		<p style="margin-left: 20px;">Type</p> <p>V3 Quartz_carbonate vein <input type="checkbox"/> 3 0 WHT C</p> <p>QLF: ALT FRA DEFS</p> <p>Alteration :</p> <table style="margin-left: 20px; border: none;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SIL 1 PCH</td> <td></td> </tr> </table>	Type/Intensity/Texture		SIL 1 PCH																		
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SIL 1 PCH																							
2.30	3.67	Feature 1																					
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p>																					



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 BNM QLF: ALT GS1 MAS Mafic Dyke: Fine-grained, dark brown, massive textured, weak fracturing @ 60-70 tca (1/m), weak (<1%) qtz-carb str/threads @ 45-65 tca, no visible mineralization, however weakly magnetitic throughout, sharp contacts @ 40-65 tca.																		
		Alteration : Type/Intensity/Texture CHL 1 PCH SIL 1 PCH BIO 3 PRV																		
		Structure: 3.66 - 3.67 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																		
3.67	34.95	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">C</td> </tr> </tbody> </table> QLF: ALT DEFS FTB Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout, strong pervasive chl alteration and patchy talc alteration which increases downhole, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb str which are parallel to the local foliation/fracture orientation @ 40 to 60 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 70 tca.	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYM	C						
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYM	C															
		Alteration : Type/Intensity/Texture BIO 1 PCH TLC 2 PCH																		



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	34.94 - 34.95	Alpha: 70 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C				
		QLF: ALT DEFS FTB									
34.95	35.18	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BND					
		QLF: ALT MAS GS1									
		Mafic Dyke: Fine-grained, dark brown, strong pervasive bio alteration, massive textured, no veining or mineralization, sharp contacts @ 70 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 1 PCH									
		BIO 3 PRV									
		Structure:									
	35.17 - 35.18	Alpha: 70 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
35.18	120.17	Feature 1																									
		<p style="margin: 0;">Type</p> <p style="margin: 0;">E0B Komatiitic_basalt</p> <p style="margin: 0;">QLF: ALT FTB FRA</p> <p style="margin: 0;">Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour ,massive textured to rubbly breccia textures (flow top breccia with possible local pillow selveges), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout with totally ground section from 110 to 111 m, strong pervasive chl alteration and patchy talc alteration which increases downhole, veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca, minor (<1%) local white calcite strs @ 65-75 tca, no visible mineralization, sharp lower contact with Gabroic Dyke @ 70 tca.</p> <p style="margin: 0;">Alteration :</p> <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>BIO 1 PCH</td> <td></td> </tr> <tr> <td>TLC 2 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table> <p style="margin: 0;">Structure:</p> <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 20px;">120.16 - 120.17</td> <td>Alpha: 70</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table>	Type/Intensity/Texture		BIO 1 PCH		TLC 2 PCH		CHL 3 PRV		120.16 - 120.17	Alpha: 70	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD									
Type/Intensity/Texture																											
BIO 1 PCH																											
TLC 2 PCH																											
CHL 3 PRV																											
120.16 - 120.17	Alpha: 70	Beta: 0																									
	Type/GEN/Intensity	CA1: CA2:																									
	CD																										
		<p style="margin: 0;">Type</p> <p style="margin: 0;">V3 Quartz_carbonate vein</p> <p style="margin: 0;">QLF: ALT FTB FRA</p>																									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
120.17	125.13	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>I1A Gabbro <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BLK Vein</p> <p>QLF: ALT MAS FRA</p> <p>Gabbroic Dyke: Med-grained, dark brown-black, strong patchy bio alteration, massive textured with micro-fracturing infilled with calcite, minor (<1%) whitish calcite str @ 12 to 20 tca, no significant mineralization, weak fracturing @ 15 to 40 tca (1-2/m), sharp contacts @ 70 and 50 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO 3 PCH</p> <p>Structure:</p> <p>125.12 - 125.13 Alpha: 50 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CD</p>								
125.13	158.26	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein</p> <p>QLF: ALT FRA SHD</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubby breccia textures (flow top breccia with local pillow selvages), strong pervasive chl alteration and weak patchy talc and minor local bio alteration, minor veining consisting of 1-2% irregular/ fragmented/boudinaged qtz-carb str which are parallel to the local foliation/fracture orientation @ 35 to 65 tca, local weak shear/foliation fabric from 150 to 152 m @ 10-20 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 55 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 1 PCH</p>								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		TLC 1 PCH CHL 3 PRV									
		Structure:									
	150.00 - 152.00	Alpha: 15 Type/GEN/Intensity SHD 1									
		Beta: 0 CA1: CA2: 10 20									
	158.25 - 158.26	Alpha: 55 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
158.26	159.40	Feature 1									
		Type									
		I1 Mafic_intrusive									
		Dyke <input checked="" type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour BND									
		Vein									
		QLF: ALT GS1 MAS									
		Mafic Dyke: Fine-grained, dark brown, strong pervasive bio alteration, massive textured, weak fracturing @ 50-70 tca (1-2/m), no significant veining or mineralization, weakly magnetitic throughout, sharp contacts @ 55-60 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO 3 PRV									
		Structure:									
	159.39 - 159.40	Alpha: 60 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
159.40	290.70	Feature 1																									
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured with strong rubbly breccia texture (flow top breccia) with numerous curvilinear fractures infilled with chl-talc often with slickenslides on polished fracture surfaces, minor local pillow selveges and spinifex textures observed, local folding/fracturing present, strong pervassive chl alteration and patchy talc alteration which increases to strong pervassive talc alteration downhole (from 278 onward), minor serpentine alteration noted in veining, veining consist of 1-2% irregular/ fragmented/boudinaged/ folded qtz-carb and white calcite strs which are at various orientations ranging from 40 to 70 tca, local weak fracturing throughout which is predominately @ 60-70 tca (1-2/m) and also weak fracturing @ 20-45 tca (1/m), large sections of highly broken up core throughout entire unit (with minor local ground core sections) . Lower contact with Felsic Dyke sharp @ 30 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td><td></td></tr> <tr><td>SRP 2 VND</td><td></td></tr> <tr><td>TLC 2 PCH</td><td></td></tr> <tr><td>CHL 3 PRV</td><td></td></tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr><td>290.69 - 290.70</td><td>Alpha: 30</td><td>Beta: 0</td></tr> <tr><td></td><td>Type/GEN/Intensity</td><td>CA1: CA2:</td></tr> <tr><td></td><td>CD</td><td></td></tr> </table>	Type/Intensity/Texture		SRP 2 VND		TLC 2 PCH		CHL 3 PRV		290.69 - 290.70	Alpha: 30	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD									
Type/Intensity/Texture																											
SRP 2 VND																											
TLC 2 PCH																											
CHL 3 PRV																											
290.69 - 290.70	Alpha: 30	Beta: 0																									
	Type/GEN/Intensity	CA1: CA2:																									
	CD																										
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT FTB FRA</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td><td></td></tr> <tr><td>SRP 1 VND</td><td></td></tr> <tr><td>SIL 1 LOC</td><td></td></tr> </table>	Type/Intensity/Texture		SRP 1 VND		SIL 1 LOC																				
Type/Intensity/Texture																											
SRP 1 VND																											
SIL 1 LOC																											



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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290.70 296.54 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	BNM	S

QLF: ALT MAS FRA

Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 25-40 tca (1/m) and 70 tca (<1/m) with chl-sericite+/- py infilling fracture planes, 1-2% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 40 to 45 tca, trace fine-gr dissem py., sharp contacts @ 30 and 90 tca.

Alteration :

Type/Intensity/Texture
CHL 1 FF
SIL 3 PRV
BIO 3 PCH

Structure:

296.53 - 296.54	Alpha: 90	Beta: 0	
	Type/GEN/Intensity	CA1:	CA2:
	CD		

296.54 305.47 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GNL	S

QLF: ALT MAS FRA

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured with strong pervasive chl alteration and moderate talc alteration, veining consist of 1-2% irregular/ fragmented qtz-carb strs @ 40 to 50 tca, no visible mineralization, local weak fracturing @ 60-70 tca (1-2/m) and also weak fracturing @ 20-45 tca (1/m) and 60-70 tca (1/m) . Lower contact with Felsic Dyke sharp @ 75 tca.



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		Alteration : Type/Intensity/Texture AMP TLC 2 PRV CHL 3 PRV Structure: 305.46 - 305.47 Alpha: 75 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																				
		Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> QLF: ALT MAS FRA Alteration : Type/Intensity/Texture SIL 2 VND	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	S								
Type	Dyke	%	Thickness	Colour	Vein																	
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	S																	
305.47	312.10	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> QLF: ALT MAS FRA Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 15-20 tca (1/m) and 60-70 tca (<1/m) with chl-sericite+/- py infilling fracture planes, 1-2% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 20 to 35 tca, trace fine-gr dissem py., sharp contacts @ 75 and 60 tca.	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	BNM	S	PED54101	309.00	310.00	1.00	0.38	0.379	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	BNM	S																	
			PED54102	310.00	311.00	1.00	0.67	0.673	-	-												
			PED54103	311.00	312.00	1.00	0.55	0.548	-	-												
		Alteration : Type/Intensity/Texture CHL 1 FF SIL 3 PRV																				



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 PCH									
		Structure:									
	312.09 - 312.10	Alpha: 60 <i>Type/GEN/Intensity</i> CD									
		Beta: 0 <i>CA1: CA2:</i>									
		Feature 2:									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
	V2	Quartz_vein	<input checked="" type="checkbox"/>	2	0	GYM	S				
		<i>QLF:</i> ALT MAS FRA									
		Alteration : <i>Type/Intensity/Texture</i>									
		SIL 3 PRV									
312.10	318.64	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
	E0B	Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
		<i>QLF:</i> ALT MAS FRA									
		Komatiitic Basalt: Fine-grained, dark greenish-grey colour, massive textured with strong pervassive chl alteration and moderate talc alteration, veining consist of 1-2% irregular/ fragmented qtz-carb-serpentine strs @ 40 to 60 tca, no visible mineralization, local weak fracturing @ 60-70 tca (1-2/m) and also weak fracturing @ 35 tca (<1/m). Lower contact with Felsic Dyke sharp @ 75 tca.									
		Alteration : <i>Type/Intensity/Texture</i>									
		AMP									
		TLC 2 PCH									
		CHL 3 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
318.64	325.30	Feature 1	PED54107	318.64	319.50	0.86	0.01	0.013	-	-	
		Type	PED54108	319.50	320.50	1.00	0.40	0.399	-	-	
		I3 Felsic_intrusive	PED54110	320.50	321.50	1.00	2.09	2.090	-	-	
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein	PED54111	321.50	322.00	0.50	1.75	1.750	-	-	
		98 0 BNM S	PED54112	322.00	323.00	1.00	0.20	0.202	-	-	
		QLF: ALT FRA VND	PED54113	323.00	324.00	1.00	0.20	0.195	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 10-20 tca (1/m) and 60-70 tca (<1/m) with chl-sericite+/- py infilling fracture planes, local badly broken core, 1-2% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 10 to 35 tca, trace fine-gr dissemin py., sharp upper contact @ 70 tca, lower contact broken.	PED54114	324.00	325.30	1.30	0.16	0.155	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PCH									
		Feature 2:									
		Type									
		V2 Quartz_vein									
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein									
		2 0 WHT S									
		QLF: ALT FRA VND									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									
325.30	337.20	Feature 1									
		Type									
		IOE Lamprophyre									
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein									
		0 0 BLK									
		QLF: MAS FRA BRK									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
<p>Lamp Dyke: Fine-grained, massive textured, with strong fracturing @ 30-50 tca (4-5/m) with badly broken up core, no visible mineralization, no veining, local chill margins along both contacts, both contacts broken core.</p> <p>Alteration : <i>Type/Intensity/Texture</i> AMP SIL BIO 1 SPT</p>											
337.20	352.88	Feature 1	PED54115	343.50	344.30	0.80	0.36	0.360	-	-	
		<i>Type</i>	PED54116	344.30	345.35	1.05	1.31	1.310	-	-	
		E0B Komatiitic_basalt	PED54117	345.35	346.00	0.65	0.05	0.047	-	-	
		QLF: ALT MAS FRA	PED54118	346.00	347.00	1.00	0.01	0.010	-	-	
		Komatiitic Basalt: Fine-grained, dark greenish-grey colour, massive textured with strong pervassive chl alteration and weak patchy talc alteration, veining consist of 1% irregular/ fragmented qtz-carb strs @ 35 to 40 tca, no visible mineralization, local weak fracturing @ 60-70 tca (1-2/m) and also weak fracturing @ 40 tca (<1/m). Lower contact with High-Ti Basalt sharp @ 15 tca.	PED54119	347.00	348.00	1.00	0.01	0.013	-	-	
			PED54120	348.00	349.00	1.00	0.02	0.017	-	-	
			PED54121	349.00	350.00	1.00	0.02	0.019	-	-	
			PED54122	350.00	351.00	1.00	0.23	0.232	-	-	
		Alteration : <i>Type/Intensity/Texture</i> AMP TLC 1 PCH CHL 3 PRV	PED54123	351.00	352.00	1.00	0.66	0.660	-	-	
			PED54124	352.00	352.88	0.88	0.12	0.122	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
352.88	360.50	Feature 1	PED54126	352.88	353.50	0.62	0.04	0.038	-	-
		Type	PED54127	353.50	354.00	0.50	0.09	0.092	-	-
		E1H High_titanium_basalt	PED54128	354.00	354.50	0.50	0.21	0.210	-	-
		QLF: ALT VND MIN	PED54129	354.50	355.00	0.50	0.20	0.201	-	-
		High-Ti Basalt: (Mineralized and Veined) Fine-grained, mottled greenish-brown colour, massive textured, moderate to strong patchy bio-chl alteration and strong pervassive silica alteration, 1-2% veining as planar to highly fragmented / folded sil'd whitish-grey qtz-carb-act strs @ 40 to 60 tca (locally from 359 to 360 m containing several specks of VG), mineralization consisting of 1% fine-gr po>py disseminated throughout which locally increases to 4-5% blebs/threads of primarily po proximal to the mineralized qtz-carb-act strs containing VG specks, weak patchy magnetite, weak fracturing @ 50 to 60 tca (1-2/m)	PED54130	355.00	356.00	1.00	0.15	0.147	-	-
			PED54131	356.00	357.00	1.00	0.10	0.099	-	-
			PED54132	357.00	358.00	1.00	0.11	0.105	-	-
			PED54134	358.00	358.50	0.50	0.03	0.029	-	-
			PED54135	358.50	359.00	0.50	0.12	0.121	-	-
			PED54136	359.00	359.50	0.50	15.18	>10.000	15.18	-
			PED54138	359.50	360.00	0.50	6.27	6.270	-	-
			PED54140	360.00	361.00	1.00	2.48	2.480	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 2 PRV								
		SIL 3 PRV								
		BIO 3 PRV								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		352.88 - 359.00 PY GS1 0.5 DIS								
		352.88 - 359.00 PO GS1 1 DIS								
		359.00 - 360.00 PY GS1 1 DIS								
		359.00 - 360.00 PO 4 BLB								
		Comment								
		High-Ti Basalt :mineralization consisting of 1% fine-gr po>py disseminated throughout.								
		High-Ti Basalt :mineralization consisting of 1% fine-gr po>py disseminated throughout.								
		High-Ti Basalt : mineralization locally increases to 4-5% blebs/threads of primarily po proximal to the mineralized qtz-carb-act strs containing VG specks, weak patchy magnetite								
		High-Ti Basalt : mineralization locally increases to 4-5% blebs/threads of primarily po proximal to the mineralized qtz-carb-act strs containing VG specks, weak patchy magnetite								
		Feature 2:								
		Type								
		Dyke								
		%								
		Thickness								
		Colour								
		Vein								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		V2A Quartz_carb_actinolite_vein <input type="checkbox"/> 2 0 WHT S QLF: ALT VND MIN Alteration : Type/Intensity/Texture AC 1 VND SIL 3 PRV									
360.50	367.00	Feature 1	PED54141	361.00	362.00	1.00	0.03	0.031	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 BNM S QLF: ALT BRX VND High-Ti Basalt (Bleached Alteration and Brecciated): Fine-grained, mottled buff brownish colour, massive texture to strong overprinted breccia fabric @ 60-70 tca, strong patchy bleaching alteration (buff brown colour), strong pervassive silica alteration, breccia fabric/fractures matrix locally infilled with white calcite, minor (1%) planar to fragmented sil'd grey qtz-carb str @ 70-75 tca, minor (1-2%) white calcite str @ 60-65 tca, trace fine-grained dissem po-py, weak fracturing @ 70-80 tca (1-2/m), the bleaching alteration and breccia fabric decrease downhole into a typical chl-bio-silica altered massive textured Basalt. Alteration : Type/Intensity/Texture BIO 1 PCH SIL 3 PRV BLE 3 PCH Structure: 360.50 - 367.00 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: FLT2 3 60 70	PED54142	362.00	363.00	1.00	0.00	<0.005	-	-	
			PED54143	363.00	363.85	0.85	0.03	0.025	-	-	
			PED54144	363.85	364.35	0.50	0.00	<0.005	-	-	
			PED54146	364.35	365.00	0.65	0.00	<0.005	-	-	
			PED54147	365.00	366.00	1.00	0.00	<0.005	-	-	
			PED54148	366.00	367.00	1.00	0.02	0.020	-	-	



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- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
367.00	374.00	Feature 1	PED54149	367.00	368.00	1.00	0.02	0.015	-	-	
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT FRA MIN</p> <p>High_Ti Basalt: Fine-grained, dark green, massive textured with strong fracturing (2-3/m) @ 5-10 tca and 45-50 tca (1/m), strong pervasive silica alteration and moderate bio-chl alteration, 1% fine-gr disseminated po-py throughout, 1% white calcite str / threads @ 10-20 tca and 40-50 tca, rare sil'd greyish qtz-carb str (<1%) @ 80-85 tca, this unit transitions into a mineralized/veined High-Ti Basalt.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 2 PRV</p> <p>SIL 3 PRV</p> <p>BIO 2 PRV</p> <p>Mineralization Maj. :</p> <p>Type/GSZ%/HABIT</p> <p>367.00 - 374.00 PY GS1 0.5 DIS</p> <p>367.00 - 374.00 PO GS1 0.5 DIS</p>	PED54150	368.00	369.00	1.00	0.07	0.068	-	-	
			PED54151	369.00	370.00	1.00	0.01	0.014	-	-	
			PED54152	370.00	371.00	1.00	0.00	<0.005	-	-	
			PED54153	371.00	372.00	1.00	0.39	0.394	-	-	
			PED54154	372.00	373.00	1.00	0.01	0.007	-	-	
			PED54155	373.00	373.50	0.50	0.03	0.026	-	-	
			PED54156	373.50	374.00	0.50	0.01	0.007	-	-	
374.00	375.40	Feature 1	PED54158	374.00	374.42	0.42	0.01	0.014	-	-	
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT VND MIN</p> <p>High-Ti Basalt (Garnetiferous and mineralized/veined): Fine-grained, dark greenish brown colour, massive textured matrix with 4-5% disseminated garnets, strong pervasive silica-bio-garnet alteration (garnets are 2-5 mm and locally occur as concentrated bands defining a weak foliation fabric @ 70-75 tca, weak fracturing @ 20-30 tca (<1/m), veining consist of 10-15% qtz-carb-act vnls/str containing Basalt wallrock fragments (V2_BX) @ 80-85 tca that range in width from 1 to 9 cm wide (see Orientated Point Data spreadsheet for detailed vein measurements), 1-2% disseminated fine-gr po-py that increases to 4-5% proximal to breccia veining, weakly magnetitic throughout, both veining and mineralization decrease downhole into a typical massive Basalt.</p>	PED54159	374.42	374.92	0.50	0.10	0.097	-	-	
			PED54161	374.92	375.40	0.48	37.39	>10.000	37.39	-	



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Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Alteration :	Type/Intensity/Texture									
			GRN 2 SPT									
			SIL 3 PRV									
			BIO 2 PRV									
		Structure:										
		374.42 - 375.40	Alpha: 80		Beta: 160							
			Type/GEN/Intensity		CA1: CA2:							
			V2_BX 3		70 85							
		Mineralization Maj. :	Type/GSZ%/HABIT		Comment							
		374.00 - 375.40	PY GS1 1 DIS		High-Ti Basalt (Garnetiferous and mineralized/veined): 1-2% dissem fine-gr po-py that increases to 4-5% proximal to breccia veining, weakly magnetitic throughout.							
		374.00 - 375.40	PO GS1 4 DIS		High-Ti Basalt (Garnetiferous and mineralized/veined): 1-2% dissem fine-gr po-py that increases to 4-5% proximal to breccia veining, weakly magnetitic throughout.							
		Feature 2:										
			Type	Dyke	%	Thickness	Colour	Vein				
		V2_BX	Quartz_Vein_with_Fragments	<input type="checkbox"/>	15	0	WHT	F				
		QLF:	ALT VND MIN									
		Alteration :	Type/Intensity/Texture									
			AC 2 VND									
			SIL 3 PRV									
375.40	376.81	Feature 1							0.10	0.095	-	-
			Type	Dyke	%	Thickness	Colour	Vein				
		E1H	High_titanium_basalt	<input type="checkbox"/>	0	0	GND		0.01	0.014	-	-
									0.10	0.095	-	-
									0.01	0.014	-	-



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- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: ALT MAS FRA</p> <p>High-Ti Basalt: Fine-grained, massive textured with decreased bio alteration, no significant veining, trace fine-grained dissem po-py, weak fracturing @ 15-20 tca (1-2/m), sharp lower contact with Komatiitic Basalt @ 75 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 PRV</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 1 PRV</p> <p>Structure:</p> <p>376.80 - 376.81 Alpha: 75 Beta: 55</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CS</p>									
376.81	378.89	<p>Feature 1</p> <p style="margin-left: 20px;">Type Dyke % Thickness Colour Vein</p> <p>E0B Komatiitic_basalt □ 0 0 GNL</p> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, light greenish colour, massive textured with strong pervassive chl alteration and weak patchy silica alteration, veining consist of <1% planar qtz-carb strrs @ 55 tca, no visible mineralization, local weak fracturing @ 40 tca (<1/m). Lower contact with Felsic Dyke sharp @ 45 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SIL 1 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>378.88 - 378.89 Alpha: 45 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD</p>	PED54165	376.81	377.80	0.99	0.02	0.016	-	-	
			PED54166	377.80	378.89	1.09	0.09	0.093	-	-	



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Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
378.89	382.30	Feature 1									
		Type									
		I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	BNM	S				
		QLF: ALT FRA VND									
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, strong fracturing @ 30-40 tca (1-3/m) and 10-15 tca (<1/m) with chl-sericite+/- py infilling fracture planes, local badly broken core, 1-2% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 70-75 tca, trace fine-gr dissem py., sharp upper contact @ 45 tca, lower contact broken.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PCH									
		Feature 2:									
		Type									
		V2 Quartz_vein	<input checked="" type="checkbox"/>	2	0	WHT	S				
		QLF: ALT FRA VND									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									
382.30	383.85	Feature 1									
		Type									
		PED54172									
		PED54173									



LITHOLOGY REPORT

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Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNL QLF: ALT MAS FRA Komatiitic Basalt: Fine-grained, light greenish colour, massive textured with strong pervassive chl alteration and weak patchy silica alteration, veining consist of <1% planar qtz-carb str @ 60-65 tca, no visible mineralization, local weak fracturing @ 70 tca (<1/m). Lower contact with Felsic Dyke sharp @ 70 tca.									
		Alteration : Type/Intensity/Texture SIL 1 PCH CHL 3 PRV Structure: 383.84 - 383.85 Alpha: 70 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
383.85	404.75	Feature 1 Type Dyke % Thickness Colour Vein I3 Felsic_intrusive <input checked="" type="checkbox"/> 0 0 BNM S									
		QLF: ALT FRA VND Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 10 tca (<1/m) and 60-70 tca (1-2/m) with chl-sericite+/- py infilling fracture planes,veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb str @ 20 to 35 tca and 70 to 80 tca, trace fine-gr dissem py., sharp contacts @ 70 and 60 tca.									
		Alteration : Type/Intensity/Texture CHL 2 FF SIL 3 PRV BIO 3 PCH Structure:									
			PED54174	383.85	384.50	0.65	1.07	1.070	-	-	
			PED54175	384.50	385.50	1.00	0.31	0.309	-	-	
			PED54176	385.50	386.50	1.00	0.23	0.229	-	-	
			PED54177	386.50	387.50	1.00	0.27	0.273	-	-	
			PED54179	387.50	388.50	1.00	0.35	0.352	-	-	
			PED54180	388.50	389.50	1.00	0.43	0.434	-	-	
			PED54181	389.50	390.50	1.00	0.51	0.512	-	-	
			PED54183	390.50	391.50	1.00	0.24	0.237	-	-	
			PED54184	391.50	392.50	1.00	0.16	0.161	-	-	
			PED54185	392.50	393.50	1.00	0.18	0.183	-	-	
			PED54186	393.50	394.50	1.00	0.33	0.328	-	-	
			PED54187	394.50	395.50	1.00	0.26	0.255	-	-	
			PED54189	395.50	396.50	1.00	0.36	0.358	-	-	



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Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	404.74 - 404.75	Alpha: 60	Beta: 0			PED54190	396.50	397.50	1.00	0.38	0.381	-	-		
		Type/GEN/Intensity	CA1: CA2:			PED54191	397.50	398.50	1.00	0.47	0.465	-	-		
		CD				PED54192	398.50	399.50	1.00	0.55	0.546	-	-		
						PED54193	399.50	400.50	1.00	0.55	0.546	-	-		
						PED54194	400.50	401.50	1.00	0.62	0.624	-	-		
						PED54195	401.50	402.50	1.00	0.59	0.585	-	-		
						PED54196	402.50	403.50	1.00	0.14	0.143	-	-		
						PED54197	403.50	404.25	0.75	0.27	0.270	-	-		
						PED54198	404.25	404.75	0.50	0.58	0.578	-	-		
404.75	440.30	Feature 1					PED54199	404.75	405.50	0.75	0.01	0.014	-	-	
		Type	Dyke	%	Thickness	Colour	Vein								
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL		PED54200	405.50	406.50	1.00	3.31	3.310	-	-
		QLF: ALT MAS FRA						PED54869	406.50	407.50	1.00	0.00	<0.005	-	-
		Komatiitic Basalt: Fine-grained, light greenish colour, massive textured with strong pervassive chl alteration and weak patchy silica-talc alteration, no significant veining or visible mineralization, local weak fracturing @ 45-65 tca (1-2/m). Lower contact with Breccia Zone (Mixed Komatiitic and High-Ti Basalt) somewhat gradational @ 65 tca.					PED54870	407.50	408.50	1.00	0.01	0.010	-	-	
							PED54871	408.50	409.50	1.00	0.00	<0.005	-	-	
							PED54872	409.50	410.50	1.00	0.00	<0.005	-	-	
							PED54873	410.50	411.50	1.00	0.00	<0.005	-	-	
							PED54201	438.60	439.60	1.00	0.01	0.006	-	-	
							PED54202	439.60	440.30	0.70	0.27	0.270	-	-	
		Alteration :	Type/Intensity/Texture												
			TLC	1	PCH										
			SIL	1	PCH										
			CHL	3	PRV										
		Structure:													
	440.29 - 440.30	Alpha: 65	Beta: 0												
		Type/GEN/Intensity	CA1: CA2:												
		CG													



LITHOLOGY REPORT

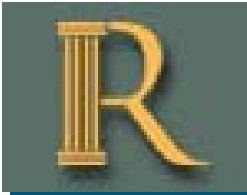
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Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)											
440.30	442.00	Feature 1	PED54203	440.30	441.00	0.70	0.73	0.730	-	-												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">80</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	80	0	BNM		PED54204	441.00	441.50	0.50	0.67	0.665	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	80	0	BNM																		
		<p>QLF: ALT BRX DEFS</p> <p>Mixed Zone (Breccia Zone): Fine-grained with mottled greenish-brown colour with mixed clasts of both Komatiitic Basalt (80%) with lesser amounts of High-Ti Basalt (20%), chaotic rubbly breccia texture with no defined fabric present, local faulting present as hairline blackline faults @ 40-50 tca which display minor offsets (1-2 cms), strong silica and patchy bio-chl alteration, no significant fractures, minor (<1%) veining as thin sil'd qtz-carb str which are highly fragmented @ 15 to 30 tca, (Mineralized Veining @ 10-35 tca with po-py and VG is present immediately following this unit from 442 to 442.5 m).</p> <p>Alteration :</p> <table border="0"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CHL</td> <td>2 PCH</td> </tr> <tr> <td>SIL</td> <td>3 PRV</td> </tr> <tr> <td>BIO</td> <td>3 PCH</td> </tr> </table>	Type/Intensity/Texture		CHL	2 PCH	SIL	3 PRV	BIO	3 PCH	PED54205	441.50	442.00	0.50	0.60	0.599	-	-				
Type/Intensity/Texture																						
CHL	2 PCH																					
SIL	3 PRV																					
BIO	3 PCH																					
		Feature 2:																				
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">20</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	20	0	BNM									
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	<input type="checkbox"/>	20	0	BNM																		
		<p>QLF: ALT BRX DEFS</p> <p>Alteration :</p> <table border="0"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CHL</td> <td>2 PCH</td> </tr> <tr> <td>SIL</td> <td>3 PRV</td> </tr> <tr> <td>BIO</td> <td>3 PCH</td> </tr> </table>	Type/Intensity/Texture		CHL	2 PCH	SIL	3 PRV	BIO	3 PCH												
Type/Intensity/Texture																						
CHL	2 PCH																					
SIL	3 PRV																					
BIO	3 PCH																					
442.00	442.52	Feature 1	PED54206	442.00	442.52	0.52	108.13	>10.00	108.13	-												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">F</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT	F								
Type	Dyke	%	Thickness	Colour	Vein																	
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT	F																	



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		QLF: VND MIN PLA									
		Mineralized Breccia Veining with VG: Same unit as above (Mixed Zone of brecciated Komatiitic Basalt and High-Ti Basalt) with 20-30% sil'd planar white qtz-carb-act veins/vnlts (3 to 6 cm wide) @ 10 to 35 tca, containing fragments of wallrock and 2-3% blebs/strs of po-py and 4-5 specks of VG (sulphides locally occur as fracture infilling within the vein), the VG specks are associated with the po blebs, strong silica-bio alteration, moderate chl-act alteration.									
		Visible Gold :	SampleID/Grainsize/Style								
			PED54206 1-2mm Speck								
		Alteration :	Type/Intensity/Texture								
			BIO 3 PCH								
			AC 2 VND								
			SIL 3 PRV								
		Structure:									
	442.00 - 442.52	Alpha: 30	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		V2_BX	10 35								
		Mineralization Maj. :	Type/GSZ%/HABIT								
	442.00 - 442.50	PY GS1 1 DIS									
			Comment								
			Mineralized Breccia Veining with 20-30% sil'd planar white qtz-carb-act veins/vnlts (3 to 6 cm wide) @ 10 to 35 tca, containing fragments of wallrock and 2-3% blebs/strs of po-py and 4-5 specks of VG (sulphides locally occur as fracture infilling within the vein), the VG specks are associated with the po blebs.								
	442.00 - 442.50	PO GS2 2 BLB									
			Mineralized Breccia Veining with 20-30% sil'd planar white qtz-carb-act veins/vnlts (3 to 6 cm wide) @ 10 to 35 tca, containing fragments of wallrock and 2-3% blebs/strs of po-py and 4-5 specks of VG (sulphides locally occur as fracture infilling within the vein), the VG specks are associated with the po blebs.								

Feature 2:



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Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)													
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: VND MIN PLA</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CHL 2</td> <td>PCH</td> </tr> <tr> <td>BIO 3</td> <td>PCH</td> </tr> <tr> <td>SIL 3</td> <td>PRV</td> </tr> </table>	Type/Intensity/Texture		CHL 2	PCH	BIO 3	PCH	SIL 3	PRV														
Type/Intensity/Texture																								
CHL 2	PCH																							
BIO 3	PCH																							
SIL 3	PRV																							
442.52	443.53	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td></td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td></td> </tr> <tr> <td>QLF:</td> <td>ALT BRX DEFS</td> </tr> </table> <p>Mixed Zone (Breccia Zone): Fine-grained with mottled greenish-brown colour with mixed clasts of both Komatiitic Basalt (70%) with lesser amounts of High-Ti Basalt (30%), chaotic rubbly breccia texture with weakly defined fabric @ 60-70 tca, local faulting present as hairline blackline faults @ 40-50 tca which display minor offsets(1-2 cms), strong silica and patchy bio-chl alteration, no significant fractures, minor (<1%) veining as thin sil'd qtz-carb strrs/threads which are highly fragmented @ 50 tca, no visible mineralization, (possible interflow metasediments with fine-gr laminations which locally are highly contorted from 442.6 to 443.1 m). Lower contact is somewhat gradational with Altered Green Zone (fuchsite) @ 50 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CHL 2</td> <td>PCH</td> </tr> <tr> <td>SIL 3</td> <td>PRV</td> </tr> <tr> <td>BIO 3</td> <td>SPT</td> </tr> </table>	Type		E0B Komatiitic_basalt		QLF:	ALT BRX DEFS	Type/Intensity/Texture		CHL 2	PCH	SIL 3	PRV	BIO 3	SPT	PED54208	442.52	443.53	1.01	0.73	0.727	-	-
Type																								
E0B Komatiitic_basalt																								
QLF:	ALT BRX DEFS																							
Type/Intensity/Texture																								
CHL 2	PCH																							
SIL 3	PRV																							
BIO 3	SPT																							
		<p>Type</p> <p>E1H High_titanium_basalt</p>																						



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: ALT BRX DEFS</p> <p>Alteration : Type/Intensity/Texture</p> <p> CHL 2 PCH</p> <p> SIL 3 PRV</p> <p> BIO 3 PRV</p>									
443.53	444.36	<p>Feature 1</p> <p style="margin-left: 40px;">Type Dyke % Thickness Colour Vein</p> <p>E1H High_titanium_basalt <input type="checkbox"/> 0 0 GNL S</p> <p>QLF: ALT MAS FRA</p> <p>High Ti Basalt Altered Green Zone (Fuchsite Fault??) : Fine-grained, bright green colour with local irregular brownish patches (ankerite?), massive textured with minor (1-2%) qtz-carb strs @ 20-25 tca, no visible mineralization, weak fracturing @ 20-35 tca (1-2/m), contacts are somewhat gradational @ 50 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p> CBA 1 SPT</p> <p> SIL 3 PRV</p> <p> FUC 3 PRV</p>	PED54209	443.53	444.36	0.83	0.26	0.264	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
444.36	451.20	Feature 1	PED54211	444.36	445.00	0.64	13.71	>10.000	13.71	-
		Type	PED54213	445.00	445.50	0.50	8.09	8.090	-	-
		E1H High_titanium_basalt	PED54214	445.50	446.30	0.80	10.08	>10.000	10.08	-
		QLF: ALT VND MIN	PED54215	446.30	446.60	0.30	11.72	>10.000	11.72	-
		High-Ti Basalt (Garnetiferous / veined and mineralized): Fine-grained, dark brown colour with spotty greyish-pink garnets, massive textured matrix with 10-15% garnets (2-5 mm) as scattered disseminations to locally concentrated into bands which locally defines a weakly developed foliation @ 40-50 tca, strong pervasive silica-bio-garnet alteration, weak fracturing @ 50 tca (<1/m), 2-3% qtz-carb-act thrds/str/vnlts @ 20 to 50 tca, (See Orientated Point Data Spreadsheet for detailed veining info), 1-2% blebs/strs/dissemination of po-py, weakly magnetitic throughout, gradational lower contact into Basalt without garnets.	PED54216	446.60	447.20	0.60	0.67	0.665	-	-
			PED54217	447.20	448.00	0.80	0.94	0.935	-	-
			PED54218	448.00	448.50	0.50	2.07	2.070	-	-
			PED54219	448.50	449.00	0.50	0.31	0.312	-	-
			PED54220	449.00	449.50	0.50	0.36	0.362	-	-
			PED54221	449.50	450.00	0.50	2.39	2.390	-	-
			PED54222	450.00	450.50	0.50	0.46	0.460	-	-
			PED54223	450.50	451.00	0.50	1.39	1.390	-	-
		Alteration :								
		Type/Intensity/Texture								
		BIO 2 PRV								
		SIL 3 PRV								
		GRN 3 SPT								
		Structure:								
	444.73 - 444.79	Alpha: 45	Beta: 230							
		Type/GEN/Intensity	CA1: CA2:							
		V2_BX	45 50							
	445.06 - 445.15	Alpha: 65	Beta: 140							
		Type/GEN/Intensity	CA1: CA2:							
		V2_BX	50 65							
	445.82 - 445.90	Alpha: 55	Beta: 225							
		Type/GEN/Intensity	CA1: CA2:							
		V2_BX	55 75							
	446.43 - 446.55	Alpha: 50	Beta: 210							
		Type/GEN/Intensity	CA1: CA2:							
		V2_BX	50 20							
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment						
	444.36 -	PY GS1 1 DIS	High-Ti Basalt (Garnetiferous / veined and							



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	451.20										
	444.36 - 451.20	PO GS1 2 DIS mineralized): 1-2% blebs/strs/dissemin of po-py, weakly magnetitic throughout. High-Ti Basalt (Garnetiferous / veined and mineralized): 1-2% blebs/strs/dissemin of po-py, weakly magnetitic throughout.									
451.20	453.50	Feature 1	PED54224	451.00	451.60	0.60	0.62	0.619	-	-	
		Type	PED54225	451.60	452.00	0.40	6.20	6.200	-	-	
		Dyke % Thickness Colour Vein	PED54227	452.00	453.10	1.10	0.02	0.016	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> 97 0 BNM S	PED54228	453.10	453.50	0.40	0.79	0.790	-	-	
		QLF: ALT MAS VND									
		High-Ti Basalt: Fine-grained, massive textured with decreased garnet alteration (no garnets present), 2-3% qtz-carb-act str/vnlts @ 10 to 30 tca (See Orientated Point Data Spreadsheet for detailed veining and structure info), trace to 1% fine-grained dissemin po-py, decreased magnetite, weak fracturing @ 40-45 tca (1-2/m), gradational change into Basalt with decreased bio-silica alteration and veining.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
	451.92 - 451.96	Alpha: 15 Beta: 230									
		Type/GEN/Intensity									
		V2_BX CA1: 15 CA2: 20									
	453.40 - 453.45	Alpha: 20 Beta: 0									
		Type/GEN/Intensity									
		V2_BX CA1: 10 CA2: 30									
		Mineralization Maj. : Type/GSZ%/HABIT									
	451.20 - 453.50	PY GS1 0.5 DIS									
		Comment									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	451.20 - 453.50	PO GS1 1 DIS									
	Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein				
		V2_BX Quartz_Vein_with_Fragments	☐	3	0	WHT	F				
	QLF: ALT MAS VND										
	Alteration :										
		Type/Intensity/Texture									
		AC 1 VND									
		SIL 3 PRV									
453.50	462.52	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1A Basalt	☐	0	0	GNL					
	QLF: MAS GS1										
	Basalt: Fine-gr, light green colour, massive textured with weak fracturing @ 25-30 tca (<1/m), strong chl alteration with weak patchy bio-silica alteration, minor veining (1%) qtz-carb str/vnlt @ 10-30 tca and minor white calcite str @ 15-20 tca, no visible mineralization, lower contact with Komatiitic Basalt sharp @ 55 tca.										
	Alteration :										
		Type/Intensity/Texture									
		CHL 3 LOC									
		SIL 2 PRV									
		BIO 1 PCH									
	Structure:										
	460.34 - 460.59	Alpha: 20	Beta: 125								
		Type/GEN/Intensity	CA1:	CA2:							
		V2A	10	30							



LITHOLOGY REPORT

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Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	462.51 - 462.52	Alpha: 55 Type/GEN/Intensity CS Beta: 240 CA1: CA2:									
462.52	469.40	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		QLF: ALT MAS GS1									
		Komatiitic Basalt: Fine-grained, light greenish colour, massive textured with strong pervassive chl alteration and weak patchy silica-talc alteration, no significant veining or visible mineralization, local weak fracturing @ 45-65 tca (1/m). Lower contact is somewhat gradational into a mixed zone of both Komatiitic Basalt and High-Ti Basalt.									
		Alteration :									
		Type/Intensity/Texture									
		TLC 1 PCH									
		SIL 1 PCH									
		CHL 3 PRV									



LITHOLOGY REPORT

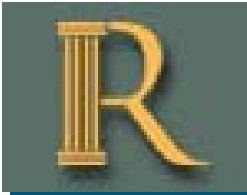
- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
469.40	476.00	Feature 1	PED54244	469.40	470.40	1.00	0.09	0.093	-	-
		Type	PED54245	470.40	471.40	1.00	0.23	0.227	-	-
		E0B Komatiitic_basalt	PED54246	471.40	471.90	0.50	0.57	0.566	-	-
		QLF: ALT BRX VND	PED54247	471.90	472.40	0.50	0.38	0.376	-	-
		Mixed Zone (Breccia Zone): Fine-grained with mottled greenish-brown colour with mixed clasts of both Komatiitic Basalt (60%) with lesser amounts of High-Ti Basalt (40%), chaotic rubbly breccia texture with weakly defined breccia fabric @ 50-70 tca, local folding present, weak fracturing @ 60-75 tca (1-2/m), patchy strong silica and patchy bio-chl alteration, no significant mineralization, minor (3-4%) veining as sil'd qtz-carb-act strsvnlts/veins (ranging from 1cm to 34 cm's wide) which are planar to fragmented @ 35 to 40 tca (locally they contain brecciated wallrock fragments).	PED54248	472.40	473.40	1.00	0.71	0.712	-	-
			PED54249	473.40	473.66	0.26	2.01	2.010	-	-
			PED54250	473.66	474.40	0.74	0.65	0.647	-	-
			PED54251	474.40	475.00	0.60	0.06	0.063	-	-
			PED54252	475.00	476.00	1.00	0.04	0.044	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 2 PCH								
		SIL 3 PCH								
		BIO 2 PCH								
		Structure:								
	471.98 - 472.30	Alpha: 45	Beta: 235							
		Type/GEN/Intensity	CA1: CA2:							
		V2_BX	45 65							
	473.41 - 473.66	Alpha: 65	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		V2_BX	65 75							
	475.99 - 476.00	Alpha: 50	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		CS								
		Feature 2:								
		Type	Dyke	%	Thickness	Colour	Vein			
		E1H High_titanium_basalt	<input type="checkbox"/>	40	0	BNM	F			
		QLF: ALT BRX VND								



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		<p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 2 PCH</p> <p>SIL 2 PCH</p> <p>BIO 2 PCH</p>									
476.00	480.29	<p>Feature 1</p> <p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT MAS GS1</p> <p>High-Ti Basalt: Fine-grained, greenish-brown colour, moderate bio-silica alteration, massive textured with 2-3% qtz-carb-act & white calcite strs @ 65 to 85 tca, trace fine-grained dissem po-py, weak fracturing @ 65 tca (1/m), sharp lower contact with Komatiitic Basalt @ 78 tca.</p>									
		<p>Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 0 0 GNM S</p>	PED54253	476.00	477.00	1.00	0.05	0.045	-	-	
			PED54254	477.00	478.00	1.00	0.45	0.451	-	-	
			PED54255	478.00	479.00	1.00	0.06	0.060	-	-	
			PED54257	479.00	479.70	0.70	0.02	0.015	-	-	
			PED54258	479.70	480.29	0.59	0.02	0.016	-	-	
		<p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 2 PCH</p> <p>SIL 2 PRV</p> <p>BIO 2 PCH</p>									



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- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
480.29	493.26	Feature 1	PED54260	480.29	481.00	0.71	0.71	0.714	-	-		
		Type	PED54261	481.00	482.00	1.00	0.21	0.207	-	-		
		E0B Komatiitic_basalt	PED54262	482.00	482.75	0.75	0.95	0.946	-	-		
		QLF: ALT DEFS VND	PED54264	482.75	483.50	0.75	0.06	0.059	-	-		
		Komatiitic Basalt: Fine-grained, light greenish-brown colour, massive textured with strong local shearing/brecciation, pervassive chl alteration and moderate patchy silica-bio alteration, 4-5% irregular/contorted/fragmneted qtz-carb strrs at various angles, 1-2% planar sil'd qtz-carb-act strrs @ 40 to 65 tca, no visible mineralization, local weak fracturing @ 45-65 tca (1/m). Local strong shear/breccia from 487.35 to 488 m @ 65-70 tca with increases silica-bio alteration. Lower contact with Gabbro? is sharp @ 35 tca.	PED54265	483.50	484.50	1.00	0.04	0.044	-	-		
			PED54266	484.50	485.50	1.00	0.06	0.056	-	-		
			PED54267	485.50	486.50	1.00	0.01	0.010	-	-		
			PED54268	486.50	487.20	0.70	0.02	0.017	-	-		
			PED54269	487.20	488.00	0.80	0.28	0.281	-	-		
		Alteration :	PED54270	488.00	489.00	1.00	0.03	0.030	-	-		
		Type/Intensity/Texture	PED54271	489.00	489.60	0.60	0.02	0.024	-	-		
		CHL 3 PRV	PED54272	489.60	490.20	0.60	0.15	0.149	-	-		
		SIL 3 PCH	PED54273	490.20	491.00	0.80	0.17	0.171	-	-		
		BIO 2 PCH	PED54274	491.00	491.75	0.75	0.19	0.185	-	-		
		Structure:	PED54275	491.75	492.60	0.85	0.34	0.338	-	-		
		487.35 - 488.00 Alpha: 65 Beta: 0	PED54277	492.60	493.50	0.90	0.04	0.042	-	-		
		Type/GEN/Intensity CA1: CA2:	PED54278	493.50	494.50	1.00	0.07	0.074	-	-		
493.26	507.00	Feature 1	PED54279	494.50	495.50	1.00	0.01	0.012	-	-		
		Type	PED54280	495.50	496.50	1.00	0.02	0.016	-	-		
		I1A Gabbro	PED54281	496.50	497.00	0.50	0.02	0.019	-	-		
		QLF: MAS GS2 HOM	PED54282	497.00	497.50	0.50	0.60	0.602	-	-		
		Gabbro Dyke: (Possible Recrystallized Basalt?): Med to fine-grained, dark green to black colour, massive textured, strong pervassive chl alteration, weak patchy silica-bio alteration, 10% planar whitish qtz-carb-act veining (ranging from 2 to 27 cm wide) @ 25 to 35 tca and 50 to 65 tca containing wallrock fragments, no visible mineralization. This unit may possible represent a feeder dyke/sill to the Komatiitic Basalt unit? Or it may be a recrystallized Basalt? In places it looks like a Gabbro but in other places it looks like a cooked up Basalt? EOH @ 507 m.	PED54284	497.50	498.50	1.00	0.04	0.043	-	-		
			PED54285	498.50	499.50	1.00	0.01	0.012	-	-		
			PED54286	499.50	500.00	0.50	0.14	0.142	-	-		
			PED54288	500.00	500.80	0.80	0.02	0.018	-	-		
		Alteration :	PED54289	500.80	501.80	1.00	0.13	0.132	-	-		
		Type/Intensity/Texture	PED54290	501.80	502.80	1.00	0.86	0.862	-	-		
		CHL 3 PRV										



LITHOLOGY REPORT

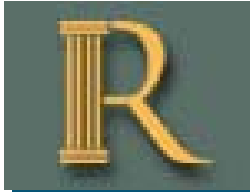
- Detailed -

Hole Number **610L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		SIL 1 PCH	PED54291	502.80	503.80	1.00	0.03	0.031	-	-	
		BIO 1 PCH	PED54292	503.80	505.00	1.20	0.02	0.022	-	-	
		Structure:	PED54293	505.00	506.00	1.00	0.04	0.036	-	-	
497.08 - 497.44		Alpha: 70 Type/GEN/Intensity V2_BX	PED54294	506.00	507.00	1.00	0.04	0.044	-	-	
		Beta: 0 CA1: CA2: 45 80									
499.75 - 499.90		Alpha: 25 Type/GEN/Intensity V2_BX									
		Beta: 0 CA1: CA2: 25 50									
501.47 - 501.64		Alpha: 30 Type/GEN/Intensity V2_BX									
		Beta: 0 CA1: CA2: 25 35									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
V2_BX		Quartz_Vein_with_Fragments	<input type="checkbox"/>	10	0	WHT	F				
		QLF: MAS GS2 HOM									
		Alteration :	Type/Intensity/Texture								
		AC 2 VND									
		SIL 3 VND									



DRILL HOLE REPORT

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 105.96	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 7.53	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 462	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 21-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 04-Sep-17				Surveyed: yes
Logged: 11-Sep-17				Surveyed by: Mark Cottrell

Comment: Line 3 to pair up hole 06
Hole shut down @ 462m due to track towards claim. In HiTi at end of hole

Coordinate - Gemcom	Coordinate - UTM
East: 10041.222	East: 448147.36
North: 49929.795	North: 5663884.06
Elev.: 4763.051	Elev.: -236.95
	Zone: 15N NAD: NAD83

Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	105.96	7.53	C	<input checked="" type="checkbox"/>	
15.00	102.50	6.96	DeviSh ot	<input checked="" type="checkbox"/>	
50.00	102.41	6.67	DeviSh ot	<input checked="" type="checkbox"/>	
102.00	99.60	5.20	DeviSh ot	<input checked="" type="checkbox"/>	
150.00	98.26	4.82	DeviSh ot	<input checked="" type="checkbox"/>	
201.00	100.10	3.79	DeviSh ot	<input checked="" type="checkbox"/>	
250.00	102.67	2.51	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
300.00	104.08	1.85	DeviSh ot	<input checked="" type="checkbox"/>	
351.00	104.61	1.64	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	100.14	1.61	DeviSh ot	<input checked="" type="checkbox"/>	
444.00	102.25	1.46	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	90.48	1.36	DeviSh ot	<input type="checkbox"/>	Suspect
462.00	104.93	1.16	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.48	Feature 1									
		<p>Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 97 0 GNM C</p> <p>QLF: ALT DEF FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to foliated @ 35-55 tca, strong pervassive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 15 tca.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 1 LOC</p> <p style="padding-left: 40px;">TLC 2 PCH</p> <p style="padding-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>2.47 - 2.48 Alpha: 15 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">CD</p>									
		<p>Feature 2:</p> <p>Type</p> <p>V3 Quartz_carbonate vein <input type="checkbox"/> 3 0 WHT C</p> <p>QLF: ALT DEF FRA</p>									
2.48	4.38	Feature 1									
		<p>Type</p> <p>I1 Mafic_intrusive <input type="checkbox"/> 0 0 BND</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																			
		<p>QLF: ALT MAS GS1</p> <p>Mafic Dyke: Fine-grained, dark brown, massive textured, strong pervasive bio alteration, weak fracturing @ 70-80 tca (<1/m), weak (<1%) qtz-carb threads @ 65-75 tca, no visible mineralization, however weakly magnetitic throughout, sharp contacts @ 15 & 50 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CHL</td> <td>2 PCH</td> </tr> <tr> <td>SIL</td> <td>1 PRV</td> </tr> <tr> <td>BIO</td> <td>3 PRV</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>4.37 - 4.38</td> <td>Alpha: 50</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table>	Type/Intensity/Texture		CHL	2 PCH	SIL	1 PRV	BIO	3 PRV	4.37 - 4.38	Alpha: 50	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD												
Type/Intensity/Texture																														
CHL	2 PCH																													
SIL	1 PRV																													
BIO	3 PRV																													
4.37 - 4.38	Alpha: 50	Beta: 0																												
	Type/GEN/Intensity	CA1: CA2:																												
	CD																													
4.38	35.11	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">C</td> </tr> </table> <p>QLF: ALT FTB SPN</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout, strong pervasive chl alteration and patchy moderate to strong talc alteration which increases downhole, local serpentine as fracure infilling, veining consist of 4-5% irregular/fragmented/boudinaged/ folded qtz-carb strrs which are parallel to the local foliation/fracture orientation @ 40 to 70 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 70 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>SRP</td> <td>1 FF</td> </tr> <tr> <td>TLC</td> <td>2 PRV</td> </tr> <tr> <td>CHL</td> <td>3 PCH</td> </tr> </table> <p>Structure:</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	□	95	0	GYM	C	Type/Intensity/Texture		SRP	1 FF	TLC	2 PRV	CHL	3 PCH								
Type	Dyke	%	Thickness	Colour	Vein																									
E0B Komatiitic_basalt	□	95	0	GYM	C																									
Type/Intensity/Texture																														
SRP	1 FF																													
TLC	2 PRV																													
CHL	3 PCH																													



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Structure:										
		35.10 - 35.11	Alpha: 70		Beta: 0							
		Type/GEN/Intensity	CA1:		CA2:							
		CD										
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C					
		QLF: ALT FTB SPN										
35.11	35.38	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BND						
		QLF: ALT MAS GS1										
		Mafic Dyke: Narrow (27 cm), fine-grained, dark brown, massive textured, strong pervasive bio alteration, no visible mineralization, however weakly magnetitic throughout, sharp contacts @ 70 & 65 tca.										
		Alteration :										
		Type/Intensity/Texture										
		CHL 2 PCH										
		SIL 2 PRV										
		BIO 3 PRV										
		Structure:										
		35.37 - 35.38	Alpha: 65		Beta: 0							
		Type/GEN/Intensity	CA1:		CA2:							
		CD										



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
35.38	147.30	Feature 1																									
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB SPN</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia with possible local pillow selveges), local spinifex textures from 75 to 76 m, strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout with local ground section (from 128.4 to 141 m), strong pervasive chl-talc alteration which increases downhole, minor local serpentine infilling curvilinear fractures, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 70 tca, no visible mineralization, sharp lower contact with Gabbro Dyke @ 40 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td><td></td></tr> <tr><td>CB 1 PCH</td><td></td></tr> <tr><td>CHL 2 PRV</td><td></td></tr> <tr><td>TLC 3 PRV</td><td></td></tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr><td>147.29 - 147.30</td><td>Alpha: 40</td><td>Beta: 0</td></tr> <tr><td></td><td>Type/GEN/Intensity</td><td>CA1: CA2:</td></tr> <tr><td></td><td>CD</td><td></td></tr> </table>	Type/Intensity/Texture		CB 1 PCH		CHL 2 PRV		TLC 3 PRV		147.29 - 147.30	Alpha: 40	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD									
Type/Intensity/Texture																											
CB 1 PCH																											
CHL 2 PRV																											
TLC 3 PRV																											
147.29 - 147.30	Alpha: 40	Beta: 0																									
	Type/GEN/Intensity	CA1: CA2:																									
	CD																										
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT FTB SPN</p>																									
147.30	155.20	Feature 1																									
		<p style="text-align: center;">Type</p> <p>Dyke</p> <p>%</p> <p>Thickness</p> <p>Colour</p> <p>Vein</p>																									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		I1A Gabbro <input checked="" type="checkbox"/> 0 0 BLK QLF: GS2 MAS FRA Gabbroic Dyke: Med-grained, dark brown-black, weak patchy bio-chl alteration, massive textured with micro-fracturing infilled with calcite, minor (<1%) whitish calcite str @ 12 to 20 tca, no significant mineralization, weak fracturing @ 30 to 60 tca (1-2/m), sharp contacts @ 45 and 40 tca.																		
		Alteration : Type/Intensity/Texture AMP BIO 1 PCH CHL 2 PRV																		
155.20	170.20	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> QLF: ALT FTB DEFS Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia with possible local pillow selveges), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout with local ground sections (from 162 - 165m), strong pervassive chl-talc, minor local serpentine infilling curvilinear fractures, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb str which are parallel to the local foliation/fracture orientation @ 40 to 70 tca, no visible mineralization, sharp lower contact with Gabbro Dyke @ 65 tca.	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYD							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYD																
		Alteration : Type/Intensity/Texture CB 1 LOC CHL 3 PRV TLC 3 PRV																		
		Structure: 155.20 - 155.20 Alpha: 40 Beta: 0																		



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CS 3									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C				
		QLF: ALT FTB DEFS									
170.20	172.55	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK					
		QLF: GS2 MAS FRA									
		Gabbroic Dyke: Med-grained, dark brown-black, weak patchy bio-chl alteration, massive textured with micro-fracturing infilled with calcite, minor (<1%) whitish calcite strs @ 15 to 20 tca, no significant mineralization, weak fracturing @ 30 to 60 tca (1-2/m), sharp chilled contact margin at 172.55 @ 60 tca									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		BIO 2 PRV									
		CHL 2 PRV									
		Structure:									
		170.20 - 170.20 Alpha: 65 Beta: 0									
		Type/GEN/Intensity CC 2									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
172.55	297.71	Feature 1	PED54697	227.30	228.15	0.85	0.02	0.017	-	-	
		Type	PED54698	228.15	229.00	0.85	0.01	0.007	-	-	
		E0B Komatiitic_basalt	PED54699	231.55	232.60	1.05	0.00	<0.005	-	-	
		QLF: ALT FTB SPN	PED54700	239.65	240.40	0.75	0.00	<0.005	-	-	
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia with local spinifex textures and possible local pillow selvages), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout with local ground sections (from 244 - 244.60m; 271.9 - 272m; 268.9 - 269m), strong pervassive chl; mod patchy talc;+ minor local serpentine infilling curvilinear fractures, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 70 tca, py-po locally present on some fracture surfaces, good spinifex textures present from 278 to 251 m with increased talc alteration immediately below the section of spinifex, lower contact with Felsic Dyke sharp @ 60 tca.	PED54701	253.30	254.20	0.90	0.00	<0.005	-	-	
			PED54702	259.50	260.50	1.00	0.00	<0.005	-	-	
			PED54703	270.00	271.00	1.00	0.01	0.010	-	-	
			PED54704	297.00	297.71	0.71	0.01	0.009	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CB 1 LOC									
		TLC 2 PCH									
		CHL 3 PRV									
		Structure:									
	173.00 - 175.00	Alpha: 50	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FLT	40 60								
	191.00 - 192.00	Alpha: 60	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FLT 2									
	208.00 - 208.25	Alpha: 25	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		SHD	20 30								
	209.55 - 209.90	Alpha: 30	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		SHD									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	226.60 - 228.55	Alpha: 10 Type/GEN/Intensity SHD	Beta: 0 CA1: CA2: 5 15							
	231.50 - 232.50	Alpha: 15 Type/GEN/Intensity SHD	Beta: 0 CA1: CA2:							
	237.70 - 240.20	Alpha: 15 Type/GEN/Intensity SHD	Beta: 0 CA1: CA2: 5 25							
	254.60 - 257.00	Alpha: 15 Type/GEN/Intensity SHD	Beta: 0 CA1: CA2: 10 25							
	268.90 - 269.00	Alpha: Type/GEN/Intensity FLT5	Beta: 0 CA1: CA2:							
	271.05 - 271.11	Alpha: Type/GEN/Intensity FLT5	Beta: 0 CA1: CA2:							
	297.70 - 297.71	Alpha: 60 Type/GEN/Intensity CD	Beta: 0 CA1: CA2:							
Feature 2:										
	V3	Type Quartz_carbonate vein	Dyke <input type="checkbox"/>	% 5	Thickness 0	Colour WHT	Vein C			
	QLF: ALT FTB SPN									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
297.71	298.37	Feature 1	PED54705	297.71	298.40	0.69	0.08	0.080	-	-	
		<p>Type</p> <p>I3 Felsic_intrusive <input checked="" type="checkbox"/> % 0 Thickness 0 Colour GNM Vein</p> <p>QLF: ALT MAS FRA</p> <p>Felsic Dyke: Fine to med-grained, mottled whitish-green colour, strong pervassive silica alteration and weak patchy bio, massive textured with moderate micro-fracturing, weak fracturing @ 25-30 tca (1/m) with chl-sericite+/- py infilling fracture planes, trace fine-gr dissemin py-po., sharp contacts @ 60 and 35 tca.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 2 FF</p> <p>SIL 3 PRV</p> <p>BIO 1 PCH</p> <p>Structure:</p> <p>298.36 - 298.37 Alpha: 35 Beta: 0</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>CD</p>									
298.37	306.95	Feature 1	PED54706	298.40	299.50	1.10	0.22	0.217	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> % 99 Thickness 0 Colour GND Vein</p> <p>QLF: ALT MAS PIL</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured with possible local pillow selveges, strong pervassive chl-talc alteration, veining consist of 1% fragmented/boudinaged qtz-carb strs @ 60 to 70 tca, weak fracturing @ 45-50 tca (1-2/m) and 10-20 tca (<1/m), no visible mineralization, sharp lower contact with Felsic Dyke @ 80 tca.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CB 1 LOC</p>	PED54708	306.00	306.95	0.95	0.01	0.008	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		TLC 2 PCH CHL 3 PRV									
		Structure: 306.94 - 306.95 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
306.95	313.29	Feature 1	PED54709	306.95	308.00	1.05	0.16	0.156	-	-	
		Type Dyke % Thickness Colour Vein	PED54710	308.00	309.00	1.00	0.60	0.597	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 97 0 BNM S	PED54711	309.00	310.00	1.00	0.21	0.205	-	-	
		QLF: ALT VND FRA	PED54712	310.00	310.90	0.90	0.70	0.700	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 20-35 tca (1-2/m) and 40-45 tca (1/m) with chl-sericite+/- py infilling fracture planes, 2-3% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 30 to 45 tca, trace fine-gr dissem py>po., sharp contacts @ 80 and 70 tca.	PED54713	310.90	311.50	0.60	0.06	0.058	-	-	
			PED54714	311.50	312.13	0.63	0.50	0.502	-	-	
			PED54716	312.13	313.30	1.17	0.53	0.527	-	-	
		Alteration : Type/Intensity/Texture CHL 2 FF SIL 3 PRV BIO 3 PCH									
		Structure: 313.28 - 313.29 Alpha: 70 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
		Feature 2:									
		Type Dyke % Thickness Colour Vein									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		V2 Quartz_vein <input checked="" type="checkbox"/> 3 0 GYM S QLF: ALT VND FRA Alteration : Type/Intensity/Texture SIL 3 PRV									
313.29	323.81	Feature 1	PED54717	313.30	314.00	0.70	0.09	0.093	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM QLF: ALT MAS PIL Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured with possible local pillow selveges, strong pervassive chl-talc alteration, veining consist of <1% fragmented/boudinaged qtz-carb strs @ 30 to 45 tca, weak fracturing @ 40-45 tca (1-2/m), no visible mineralization, sharp lower contact with Felsic Dyke @ 60 tca. Alteration : Type/Intensity/Texture CB 1 PCH TLC 2 PCH CHL 3 PRV Structure: 323.80 - 323.81 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: CD	PED54718	323.00	323.75	0.75	0.00	<0.005	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
323.81	337.20	Feature 1	PED54719	323.75	324.50	0.75	0.34	0.343	-	-
		Type	PED54720	324.50	325.50	1.00	0.73	0.731	-	-
		I3 Felsic_intrusive	PED54721	325.50	326.30	0.80	0.46	0.455	-	-
		Dyke <input checked="" type="checkbox"/> % 95 Thickness 0 Colour BNM Vein S	PED54722	326.30	327.00	0.70	0.65	0.651	-	-
		QLF: ALT MAS FRA	PED54723	327.00	327.45	0.45	0.55	0.546	-	-
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 10-25 tca (1-2/m) and 50-60 tca (1/m) with chl-sericite+/- py infilling fracture planes, 4-5% planar to fragmented irregular sil'd greyish-white qtz-carb strsvnlts @ 40 to 45 tca and 10-20 tca, trace fine-gr dissem py>po., sharp upper contact @ 60 tca, lower contact broken.	PED54725	327.45	328.50	1.05	0.53	0.532	-	-
		Alteration :	PED54726	328.50	329.00	0.50	0.25	0.249	-	-
		Type/Intensity/Texture	PED54727	329.00	329.90	0.90	0.30	0.299	-	-
		CHL 2 FF	PED54728	329.90	330.20	0.30	0.30	0.297	-	-
		SIL 3 PRV	PED54730	330.20	330.80	0.60	0.33	0.332	-	-
		BIO 3 PCH	PED54731	330.80	331.10	0.30	0.23	0.226	-	-
			PED54733	331.10	332.00	0.90	0.30	0.301	-	-
			PED54734	332.00	333.00	1.00	0.36	0.360	-	-
			PED54736	333.00	334.00	1.00	0.49	0.493	-	-
			PED54737	334.00	335.00	1.00	0.93	0.934	-	-
			PED54738	335.00	336.00	1.00	1.21	1.210	-	-
			PED54739	336.00	337.20	1.20	0.55	0.547	-	-
337.20	340.04	Feature 1	PED54740	337.20	338.00	0.80	0.03	0.033	-	-
		Type	PED54741	338.00	339.00	1.00	0.03	0.030	-	-
		E0B Komatiitic_basalt	PED54742	339.00	340.04	1.04	0.02	0.022	-	-
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein								
		QLF: ALT MAS FRA								
		Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured, strong pervassive chl alteration, weak patchy talc alteration, veining consist of <1% fragmented/boudinaged qtz-carb strsvnlts @ 10-20 tca (<1/m), no visible mineralization, sharp lower contact with Felsic Dyke @ 40 tca.								
		Alteration :								
		Type/Intensity/Texture								
		TLC 1 PCH								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure: 340.03 - 340.04 Alpha: 40 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
340.04	346.85	Feature 1									
		Type									
		I3 Felsic_intrusive									
		QLF: ALT MAS FRA									
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 10-30 tca (1/m) and 40-60 tca (1/m) with chl-sericite+/- py infilling fracture planes, 1% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 40 to 45 tca, trace fine-gr dissemin py>po., sharp upper contact @ 40 tca, lower contact @ 60 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PCH									
		Structure: 346.84 - 346.85 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
			PED54743	340.04	341.00	0.96	0.62	0.624	-	-	
			PED54744	341.00	342.00	1.00	0.80	0.799	-	-	
			PED54745	342.00	343.00	1.00	1.02	1.020	-	-	
			PED54746	343.00	344.00	1.00	1.32	1.320	-	-	
			PED54747	344.00	345.00	1.00	0.81	0.812	-	-	
			PED54748	345.00	346.00	1.00	0.68	0.683	-	-	
			PED54749	346.00	346.85	0.85	0.54	0.539	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
346.85	351.67	Feature 1	PED54750	346.85	347.60	0.75	0.27	0.272	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured, strong pervassive chl alteration, weak patchy talc alteration, veining consist of <1% planar white calcite strsvnlts @ 70-80 tca, weak fracturing @ 10-20 tca (<1/m) and 45-50 tca (<1/m), no visible mineralization, sharp lower contact with Felsic Dyke @ 58 tca.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CB 2 PCH</p> <p>TLC 1 PCH</p> <p>CHL 3 PRV</p> <p>Structure:</p> <p>351.66 - 351.67 Alpha: 58 Beta: 0</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>CD</p>	PED54751	347.60	348.00	0.40	0.15	0.150	-	-	
			PED54752	348.00	349.00	1.00	0.07	0.069	-	-	
			PED54753	349.00	350.00	1.00	0.18	0.181	-	-	
			PED54754	350.00	351.00	1.00	0.05	0.054	-	-	
			PED54755	351.00	351.67	0.67	0.11	0.110	-	-	
		Feature 2:									
		<p>Type</p> <p>V1B Calcite_vein</p> <p>QLF: ALT MAS FRA</p>									
351.67	353.59	Feature 1	PED54756	351.67	352.60	0.93	0.59	0.591	-	-	
		<p>Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT MAS FRA</p>	PED54757	352.60	353.59	0.99	24.28	>10.000	24.28	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
<p>Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 45-50 tca (1/m) with chl-sericite+/- py infilling fracture planes, <1% planar to fragmented irregular sil'd greyish-white qtz-carb str @ 40 to 45 tca, trace fine-gr dissemin py>po., sharp upper contact @ 58 tca, lower contact @ 40 tca.</p>																							
<p>Alteration : Type/Intensity/Texture</p> <p> CHL 2 FF</p> <p> SIL 3 PRV</p> <p> BIO 3 PCH</p>																							
<p>Structure:</p> <p>353.58 - 353.59 Alpha: 40 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CD</p>																							
353.59	355.17	Feature 1	PED54759	353.59	354.50	0.91	0.36	0.359	-	-													
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNL</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-gr, light green colour, massive textured, weak fracturing @ 35-40 tca (1-2/m), rare fragmented/folded white qtz-carb str, minor (11 cm) Felsic Dyke @ 80-90 tca from 353.88 to 354 m., lower contact somewhat gradational into a narrow mixed zone of High-Ti Basalt and Komatiitic Basalt, approximate contact @ 52 tca.</p>												Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNL	
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNL																			
<p>Alteration : Type/Intensity/Texture</p> <p> SIL 1 PCH</p> <p> CHL 3 PRV</p>																							
<p>Structure:</p> <p>355.16 - 355.17 Alpha: 52 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p>																							



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
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Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
I3 <i>Felsic_intrusive</i>	<input type="checkbox"/>	5	0	GYM	

QLF: ALT MAS FRA

Alteration : *Type/Intensity/Texture*
SIL 2 PRV

355.17 356.00 **Feature 1**

PED54761 355.17 356.00 0.83

0.01 0.011 - -

Type	Dyke	%	Thickness	Colour	Vein
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	90	0	BNM	

QLF: ALT DEFS BRX

High-Ti Basalt (Mixed Zone of High-Ti Basalt and Komatiitic Basalt): Fine-grained, mottled buff brownish colour, massive texture to strong overprinted breccia fabric @ 50-60 tca, strong patchy bleaching alteration (buff brown colour), strong pervassive silica alteration overprinting breccia fabric, minor (<1%) fragmented white calcite str @ 50-55 tca, trace fine-grained dissem po-py, weak fracturing @ 5 to 15 tca (1/m), the bleaching alteration and breccia fabric decrease downhole into a typical chl-bio-silica altered massive textured Basalt.

Alteration : *Type/Intensity/Texture*
BLE 3 PCH
SIL 3 PRV
BIO 3 PCH

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	10	0	GNM	



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Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		<p>QLF: ALT DEFS BRX</p> <p>Alteration : Type/Intensity/Texture SIL 3 PRV CHL 3 PCH</p>									
356.00	361.70	<p>Feature 1</p> <p style="text-align: center;">Type Dyke % Thickness Colour Vein</p> <p>E1H High_titanium_basalt <input type="checkbox"/> 0 0 GND</p> <p>QLF: ALT MAS FRA</p> <p>High-Ti Basalt: Fine-grained, dark green, massive textured with strong fracturing @ 35-55 tca (1-2/m) with local white calcite infilling fracture planes, strong pervassive silica alteration and moderate bio-chl alteration, trace fine-gr dissemin po-py throughout, rare sil'd greyish-white qtz-carb str (<1%) @ 50 tca with po-py mineralization, this unit transitions into a mineralized/veined/garnetiferous High-Ti Basalt with no distinct contact.</p> <p>Alteration : Type/Intensity/Texture CHL 3 PCH SIL 3 PRV BIO 2 PCH</p>	PED54762	356.00	357.00	1.00	0.12	0.119	-	-	
			PED54763	357.00	358.00	1.00	0.20	0.198	-	-	
			PED54764	358.00	359.00	1.00	0.15	0.148	-	-	
			PED54765	359.00	360.00	1.00	0.15	0.147	-	-	
			PED54767	360.00	361.00	1.00	0.02	0.023	-	-	
			PED54768	361.00	361.70	0.70	0.09	0.089	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
361.70	367.30	Feature 1	PED54769	361.70	362.00	0.30	1.40	1.400	-	-	
		Type	PED54771	362.00	362.90	0.90	0.24	0.243	-	-	
		E1H High_titanium_basalt	PED54772	362.90	363.50	0.60	0.03	0.030	-	-	
		QLF: ALT VND BRX	PED54773	363.50	364.00	0.50	0.02	0.017	-	-	
		High-Ti Basalt (Garnetiferous and mineralized/veined): Fine-grained, dark greenish brown colour, massive textured to strong overprinted breccia fabric similar to mixed zone above, locally with 4-5% dissem garnets, strong pervasive silica-bio-chl-bleaching-garnet alteration (garnets are 2-5 mm and locally occur as concentrated bands defining a weak foliation fabric @ 45-50 tca), strong fracturing @ 5-10 tca (1-2/m), veining consist of 5-10% qtz-carb-act vnlt/strs containing Basalt wallrock fragments (V2_BX) @ 75-80 and 30-45 tca that range in width from 5 to 7 cm wide, trace dissem fine-gr po-py that increases to 2-3% proximal to breccia veining, weakly magnetitic throughout, both veining and mineralization decrease downhole into a typical massive Basalt with decreased alteration and veining/mineralization.	PED54774	364.00	364.50	0.50	0.26	0.257	-	-	
			PED54775	364.50	365.00	0.50	0.17	0.174	-	-	
			PED54776	365.00	365.50	0.50	0.65	0.651	-	-	
			PED54777	365.50	366.00	0.50	0.22	0.216	-	-	
			PED54778	366.00	367.00	1.00	0.02	0.017	-	-	
		Alteration :									
		Type/Intensity/Texture									
		GRN 2 PCH									
		SIL 3 PRV									
		BIO 3 PCH									
		Structure:									
		361.75 - 361.90	Alpha: 40	Beta: 0							
		Type/GEN/Intensity		CA1:	CA2:						
		CV		30	45						
		363.36 - 363.43	Alpha: 80	Beta: 0							
		Type/GEN/Intensity		CA1:	CA2:						
		CV		75	80						
		365.00 - 367.30	Alpha: 10	Beta: 0							
		Type/GEN/Intensity		CA1:	CA2:						
		FRA 3		5	15						
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
		361.70 - 362.00	PY GS1 1 DIS	V2_BX: 5 cm wide @ 30-45 tca, 2-3% po-py prximal to veining.							



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-07**Project: **PHOENIX**Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
	361.70 - 362.00	PO GS1 2 DIS V2_BX: 5 cm wide @ 30-45 tca, 2-3% po-py prximal to veining.										
	362.90 - 363.50	PY GS1 1 DIS V2_BX: 7 cm wide @ 75-80 tca, 1-2% po-py prximal to veining.										
	362.90 - 363.50	PO GS1 1 DIS V2_BX: 7 cm wide @ 75-80 tca, 1-2% po-py prximal to veining.										
	Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein					
	V2_BX	Quartz_Vein_with_Fragments	<input type="checkbox"/>	10	0	GYM	F					
	QLF: ALT VND BRX											
	Alteration :											
		Type/Intensity/Texture										
		AC 1 VND										
		SIL 3 PRV										
367.30	373.97	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
	E1H	High_titanium_basalt	<input type="checkbox"/>	98	0	GNM	F					
	QLF: ALT MAS VND											
	High-Ti Basalt: (Possible Komatiitic Basalt?) Fine-grained, massive textured with decreased bio alteration and moderate pervasive chl-silica alteration (looks like Komatiite in places), minor veining consisting of 6 cm wide planar V2_Bx vein @ 30-42 tca, trace fine-grained dissem po-py, weak fracturing @ 60-65 tca (<1/m), sharp lower contact with Mafic Dyke @ 75 tca.											
	Alteration :											
		Type/Intensity/Texture										
		CHL 3 PRV										
		SIL 2 PRV										
		BIO 1 PCH										
	Structure:											
								0.04	0.035	-	-	
								0.03	0.025	-	-	
								0.03	0.034	-	-	
								0.12	0.119	-	-	
								0.01	0.009	-	-	
								0.01	0.009	-	-	
								0.19	0.186	-	-	
								0.04	0.038	-	-	



LITHOLOGY REPORT

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Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	371.67 - 371.81	Alpha: 35 Type/GEN/Intensity CV									
		Beta: 0 CA1: CA2: 30 42									
	373.96 - 373.97	Alpha: 75 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	2	0		F				
		QLF: ALT MAS VND									
373.97	380.80	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	99	0	BLK	S				
		QLF: ALT MAS MIN									
		Mafic Dyke: Fine-grained, dark brownish-green to black, patchy bio alteration locally concentrated proximal to contacts, pervasive chl-silica alteration, massive textured, weak fracturing @ 50-60 tca (1/m) and @ 10-15 tca (<1/m), weak (<1%) qtz-carb str/threads @ 45-65 tca (locally altered with vuggy greenish mineral, possible epidote?), local white calcite blebs, 1% po-py mineralization as fine-gr dissemin and as fracture infilling, weakly magnetitic throughout, sharp contacts @ 75-80 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		SIL 3 PRV									
		BIO 2 LOC									
		Structure:									
	380.79 - 380.80	Alpha: 80									
		Beta: 0									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CD									
		Mineralization Maj. : Type/GSZ%/HABIT									
	373.97 - 380.80	PY GS1 0.5 DIS									
		Comment									
		Mafic Dyke: 1% po-py mineralization as fine-gr dissemin and as fracture infilling, weakly magnetitic throughout.									
	373.97 - 380.80	PO GS1 0.5 DIS									
		Comment									
		Mafic Dyke: 1% po-py mineralization as fine-gr dissemin and as fracture infilling, weakly magnetitic throughout.									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
	V3	Quartz_carbonate vein	<input checked="" type="checkbox"/>	1	0	GNM	S				
		QLF: ALT MAS MIN									
		Alteration :	Type/Intensity/Texture								
			EPD 3 VND								
380.80	381.90	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	E1H	High_titanium_basalt	<input type="checkbox"/>	75	0	BNM	F				
		QLF: ALT VND MIN									
		High-Ti Basalt (Garnetiferous and mineralized/veined): Fine-grained, dark greenish brown colour, massive textured to strong overprinted breccia/foliation fabric @ 60-70 tca, locally with 1-2% dissemin garnets, strong pervasive silica-bio-chl-garnet alteration (garnets are 1-2 mm and locally occur as concentrated bands defining a weak foliation fabric @ 60-65 tca), weak fracturing @ 60-70 tca (<1/m), veining consist of 20-25% qtz-carb-act vnlt/veins containing Basalt wallrock fragments (V2_BX) @ 55-60 and 70-80 tca that range in width from 5 to 7 cm wide, trace dissemin fine-gr po-py that increases to 2-3% proximal to breccia veining (and in the breccia fragments contained within the veining), weakly magnetitic throughout, both veining and mineralization decrease downhole into a typical massive Basalt with decreased alteration and veining/mineralization (possible Komatiitic Basalt?), lower contact is sheared @ 80 tca adjacent to mineralized veining.									
								0.09	0.089	-	-
								2.35	2.350	-	-



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Alteration :									
		Type/Intensity/Texture									
		GRN 2 SPT									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
	381.46 - 381.63	Alpha: 65		Beta: 0							
		Type/GEN/Intensity		CA1:	CA2:						
		CV		60	70						
	381.64 - 381.90	Alpha: 80		Beta: 0							
		Type/GEN/Intensity		CA1:	CA2:						
		SHD 3		65	80						
		Mineralization Maj. :		Comment							
	381.40 - 382.00	PY GS1 1 DIS		V2_BX vnlts: 5 & 7 cm wide @ 65-70 tca, 1-2% po-py proximal to veining.							
	381.40 - 382.00	PO GS1 1 DIS		V2_BX vnlts: 5 & 7 cm wide @ 65-70 tca, 1-2% po-py proximal to veining.							
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
	V2_BX	Quartz_Vein_with_Fragments	<input type="checkbox"/>	25	0	GYM	F				
		QLF:									
		ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									



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Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
381.90	385.92	Feature 1	PED54799	382.00	383.00	1.00	0.05	0.049	-	-	
		Type	PED54800	383.00	384.00	1.00	0.07	0.069	-	-	
		E1H High_titanium_basalt	PED54801	384.00	385.00	1.00	0.04	0.044	-	-	
		QLF: ALT MAS	PED54802	385.00	385.85	0.85	0.02	0.018	-	-	
		<p>High-Ti Basalt: (Possible Komatiitic Basalt?) Fine-grained, massive textured with decreased bio alteration and moderate pervasive chl-silica alteration (looks like Komatiite in places), weak fracturing @ 30-35 tca (<1/m), no significant veining or mineralization, sharp undulatory lower contact with Felsic Dyke @ 20 tca.</p>									
		<p>Alteration :</p> <p style="padding-left: 40px;">Type/Intensity/Texture</p> <p style="padding-left: 80px;">CHL 2 PRV</p> <p style="padding-left: 80px;">SIL 2 PRV</p> <p style="padding-left: 80px;">BIO 1 PCH</p>									
		<p>Structure:</p> <p style="padding-left: 40px;">385.91 - 385.92 Alpha: 20 Beta: 0</p> <p style="padding-left: 80px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 80px;">CD 20 25</p>									
385.92	390.16	Feature 1	PED54803	385.85	386.50	0.65	0.01	0.010	-	-	
		Type	PED54804	386.50	387.50	1.00	0.29	0.292	-	-	
		I3 Felsic_intrusive	PED54805	387.50	388.50	1.00	0.18	0.181	-	-	
		QLF: ALT MAS FRA	PED54806	388.50	389.50	1.00	0.14	0.140	-	-	
		<p>Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with strong micro-fracturing, strong fracturing @ 45-60 tca (2-3/m) with chl-sericite+/- py infilling fracture planes, 1-2% planar to fragmented irregular sil'd greyish-white qtz-carb str @ 40 to 80 tca, trace to 1% fine-gr disseminated py>po., sharp undulatory upper contact @ 20 tca, lower contact @ 40 tca.</p>									
		<p>Alteration :</p> <p style="padding-left: 40px;">Type/Intensity/Texture</p> <p style="padding-left: 80px;">CHL 2 FF</p>									



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Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 4 PRV BIO 3 PCH									
		Structure:									
	390.15 - 390.16	Alpha: 40 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
	V2	Quartz_vein	<input checked="" type="checkbox"/>	2	0	GYM	S				
		QLF: ALT MAS FRA									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									
390.16	390.75	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	E1H	High_titanium_basalt	<input type="checkbox"/>	0	0	GNM					
		QLF: ALT BRX XEN									
		High-Ti Basalt: Xenolith or fragment of Basalt between Felsic Dykes (could possibly be Komatiitic Basalt, difficult to distinguish), sharp contacts @ 40 & 60 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									
		SIL 3 PRV									
		BIO 3 PCH									
		Structure:									
	390.74 - 390.75	Alpha: 60									
		Beta: 0									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CD									
		CA1: CA2:									
390.75	392.10	Feature 1	PED54810	390.75	391.50	0.75	0.12	0.121	-	-	
		Type	PED54812	391.50	392.10	0.60	0.27	0.272	-	-	
		I3 Felsic_intrusive									
		Dyke <input checked="" type="checkbox"/>									
		%									
		Thickness									
		Colour									
		Vein									
		QLF: ALT MAS FRA									
		Felsic Dyke: As above, fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with strong micro-fracturing, strong fracturing @ 40-45 tca (2-3/m) and 15 tca (<1/m) with chl-sericite+/- py infilling fracture planes, locally badly broken core, <1% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 40 to 60 tca, trace fine-gr dissem py>po., sharp upper contact @ 60 tca, lower contact with Basalt (Kom?) @ 85 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PCH									
392.10	392.66	Feature 1	PED54813	392.10	392.66	0.56	0.25	0.245	-	-	
		Type									
		E1H High_titanium_basalt									
		Dyke <input type="checkbox"/>									
		%									
		Thickness									
		Colour									
		Vein									
		QLF: ALT MAS XEN									
		High-Ti Basalt: Xenolith or fragment of Basalt between Felsic Dykes (could possibly be Komatiitic Basalt, difficult to distinguish), sharp contacts @ 85 & 55 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		SIL 2 PRV BIO 1 PCH									
392.66	394.52	Feature 1	PED54814	392.66	393.25	0.59	0.25	0.254	-	-	
		Type	PED54815	393.25	394.25	1.00	0.26	0.261	-	-	
		Dyke % Thickness Colour Vein	PED54816	394.25	394.52	0.27	0.38	0.376	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 0 0 BNM									
		QLF: ALT MAS FRA									
		Felsic Dyke: As above, fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with strong micro-fracturing, strong fracturing @ 40-45 tca (2-3/m) and 15 tca (<1/m) with chl-sericite+/- py infilling fracture planes, locally badly broken core, <1% planar to fragmented irregular sil'd greyish-white qtz-carb str @ 40 to 60 tca, trace fine-gr dissemin py>po., sharp upper contact @ 55 tca, lower contact with Lamp Dyke @ 45 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PCH									
394.52	398.50	Feature 1									
		Type									
		I0E Lamprophyre <input checked="" type="checkbox"/> 0 0 BLK									
		QLF: GS2 MAS FRA									
		Lamp Dyke (intrudes Felsic Dyke): Fine-grained, massive textured, with strong fracturing @ 60-70 tca (4-5/m) & 5-10 tca (1/m) with badly broken up core, no visible mineralization, no veining, local chill margins along both contacts, both contacts broken core (upper contact @ 45 tca).									
		Alteration :									
		Type/Intensity/Texture									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture AMP CHL 3 PRV BIO 1 SPT									
398.50	401.15	Feature 1 Type I3 Felsic_intrusive QLF: ALT MAS FRA Felsic Dyke: As above, fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with strong micro-fracturing, strong fracturing @ 45-60 tca (2-3/m) with chl-sericite+/- py infilling fracture planes, locally badly broken core, <1% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 40 to 60 tca, trace fine-gr dissemin py>po., upper contact broken core, lower contact with Lamp Dyke @ 35 tca.									
		Alteration : Type/Intensity/Texture CHL 2 FF SIL 3 PRV BIO 1 PCH									
		Structure: 401.14 - 401.15 Alpha: 35 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
401.15	402.00	Feature 1 Type Dyke % Thickness Colour Vein									
		PED54817 398.50 399.50 1.00 0.13 0.128 - - PED54818 399.50 400.50 1.00 0.15 0.153 - - PED54820 400.50 401.20 0.70 0.10 0.101 - -									
		PED54821 401.20 402.00 0.80 0.00 <0.005 - -									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		I0E Lamprophyre <input checked="" type="checkbox"/> 0 0 BLK QLF: GS1 MAS FRA Lamp Dyke (intrudes Felsic Dyke): Fine-grained, massive textured, with weak fracturing @ 50-55 tca (1/m) , <1% fine-gr dissemin po-py mineralization, no veining, local chill margins along both contacts, upper contact @ 45 tca, lower contact broken.									
		Alteration : Type/Intensity/Texture AMP CHL 3 PRV BIO 1 PCH									
402.00	402.40	Feature 1	PED54822	402.00	402.40	0.40	0.06	0.057	-	-	
		I3 Felsic intrusive <input checked="" type="checkbox"/> 0 0 BNM QLF: ALT MAS FRA Felsic Dyke: As above, fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with strong micro-fracturing, weak fracturing @ 40 tca (1/m) with chl-sericite+/- py infilling fracture planes, locally badly broken core, <1% planar to fragmented irregular sil'd greyish-white qtz-carb strs @ 40 to 45 tca, trace fine-gr dissemin py>po., upper contact broken core, lower contact with Lamp Dyke @ 45 tca.									
		Alteration : Type/Intensity/Texture CHL 2 FF SIL 3 PRV BIO 2 PCH									
		Structure: 402.39 - 402.40 Alpha: 45 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
402.40	408.37	Feature 1	PED54823	402.40	403.40	1.00	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p>IOE Lamprophyre <input checked="" type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>QLF: GS1 MAS FRA</p> <p>Lamp Dyke: Fine-grained, massive textured, with weak fracturing @ 55-60 tca (1/m) , <1% fine-gr disseminatory mineralization, no veining, local chill margins along both contacts, upper contact @ 45 tca, lower contact with Komatiitic Basalt sharp @ 55 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">CHL 2 PRV</p> <p style="margin-left: 20px;">BIO 1 SPT</p> <p>Structure:</p> <p>408.36 - 408.37 Alpha: 55 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">CD</p>									
408.37	442.86	Feature 1	PED54824	440.00	441.00	1.00	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> Dyke % Thickness Colour Vein</p> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured, strong pervasive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 1-2% irregular/fragmented/boudinaged/ folded qtz-carb strcs @ 40 to 60 tca., weak fracturing @ 45-55 tca (1/m) and 70-75 tca (1-2/m), no mineralization observed, lower contact with High-Ti Basalt faulted @ 45 tca.</p>	PED54825	441.00	442.00	1.00	0.00	<0.005	-	-	
			PED54826	442.00	442.86	0.86	0.03	0.025	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		Alteration : Type/Intensity/Texture BIO 1 PCH TLC 2 PCH CHL 3 PRV																				
		Structure: 442.85 - 442.86 Alpha: 45 Beta: 0 Type/GEN/Intensity CA1: CA2: CT 3																				
		Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS FRA	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT									
Type	Dyke	%	Thickness	Colour	Vein																	
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT																		
442.86	445.21	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">50</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td style="text-align: center;">C</td> </tr> </tbody> </table> QLF: ALT BRX BAN	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	50	0	BNM	C	PED54827	442.86	443.50	0.64	1.00	0.999	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	<input type="checkbox"/>	50	0	BNM	C																	
			PED54828	443.50	444.00	0.50	7.29	7.290	-	-												
			PED54829	444.00	444.60	0.60	0.66	0.664	-	-												
			PED54831	444.60	445.20	0.60	0.89	0.889	-	-												
		Mixed Zone (Breccia Zone): Fine-grained with mottled greenish-brown colour with mixed lithologies of High-Ti Basalt and Interflow Metasediments (interflow metasediments occur as fine-grained laminations on mm to cm scale which are highly contorted/folded/fragmented and crosscut by black line faults), chaotic rubbly breccia texture with local faulting present as several crosscutting hairline blackline faults @ 20-30 tca which display minor offsets(1-2 cms), strong silica-bio-chl-act alteration, no significant fractures, veining occurs as thin sil'd qtz-carb-act strs/threads which are highly fragmented/folded, mineralization consist of 1-2% fine-gr dissemin throughout, lower contact with High-Ti Basalt faulted @ 70 tca.																				
		Alteration : Type/Intensity/Texture CHL 2 PCH																				



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV BIO 3 PRV									
Structure:											
442.86 - 445.20		Alpha: 25 Type/GEN/Intensity FLT2 3									
		Beta: 0 CA1: CA2: 20 30									
445.20 - 445.21		Alpha: 70 Type/GEN/Intensity FLT									
		Beta: 0 CA1: CA2:									
Mineralization Maj. : Type/GSZ%/HABIT											
442.86 - 445.21		PY GS1 1 DIS									
		Comment Mixed Zone (Breccia Zone):mineralization consist of 1-2% fine-gr dissem po-py throughout.									
442.86 - 445.21		PO GS1 1 DIS									
		Comment Mixed Zone (Breccia Zone):mineralization consist of 1-2% fine-gr dissem po-py throughout.									
Feature 2:											
		Type									
E1S		Volcanic_sediments	<input type="checkbox"/>	50	0	BNM	C				
QLF: ALT BRX BAN											
Alteration :											
		Type/Intensity/Texture									
		AC 3 VND									
		BIO 3 PRV									
		SIL 3 PRV									
445.21	445.39	Feature 1									
		Type									
V2_BX		Quartz_Vein_with_Fragments	<input type="checkbox"/>	50	0	GYM	X	1.12	1.120	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)														
<p>QLF: ALT PLA MIN</p> <p>Mineralized Breccia Veining in High-Ti Basalt: consisting of a 7 cm wide sil'd planar greyish-white qtz-carb-act vein @ 75 to 40 tca, containing fragments of wallrock and 1-2% blebs/dissemination of po-py, strong silica-bio-act alteration, grades into a High-Ti Basalt with several fragmented qtz-carb-act extension strcs/vnlts.</p>																									
<p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 3 PRV</p> <p style="padding-left: 40px;">AC 2 VND</p> <p style="padding-left: 40px;">SIL 3 PRV</p>																									
<p>Structure:</p> <p>445.29 - 445.39 Alpha: 70 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">V2_BX 3 75 40</p>																									
<table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Mineralization Maj. :</td> <td style="width: 35%;">Type/GSZ%/HABIT</td> <td style="width: 50%;">Comment</td> </tr> <tr> <td>445.21 - 445.39</td> <td>PY GS1 1 DIS</td> <td>Mineralized Breccia Veining in High-Ti Basalt: 1-2% blebs/dissemination of po-py.</td> </tr> <tr> <td>445.21 - 445.39</td> <td>PO GS1 1 DIS</td> <td>Mineralized Breccia Veining in High-Ti Basalt: 1-2% blebs/dissemination of po-py.</td> </tr> </table>												Mineralization Maj. :	Type/GSZ%/HABIT	Comment	445.21 - 445.39	PY GS1 1 DIS	Mineralized Breccia Veining in High-Ti Basalt: 1-2% blebs/dissemination of po-py.	445.21 - 445.39	PO GS1 1 DIS	Mineralized Breccia Veining in High-Ti Basalt: 1-2% blebs/dissemination of po-py.					
Mineralization Maj. :	Type/GSZ%/HABIT	Comment																							
445.21 - 445.39	PY GS1 1 DIS	Mineralized Breccia Veining in High-Ti Basalt: 1-2% blebs/dissemination of po-py.																							
445.21 - 445.39	PO GS1 1 DIS	Mineralized Breccia Veining in High-Ti Basalt: 1-2% blebs/dissemination of po-py.																							
<p>Feature 2:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;">Type</td> <td style="width: 10%;">Dyke</td> <td style="width: 10%;">%</td> <td style="width: 15%;">Thickness</td> <td style="width: 15%;">Colour</td> <td style="width: 20%;">Vein</td> </tr> <tr> <td>E1H</td> <td>High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">50</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td style="text-align: center;">X</td> </tr> </table> <p>QLF: ALT PLA MIN</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 3 PRV</p> <p style="padding-left: 40px;">SIL 3 PRV</p>													Type	Dyke	%	Thickness	Colour	Vein	E1H	High_titanium_basalt	☐	50	0	BNM	X
	Type	Dyke	%	Thickness	Colour	Vein																			
E1H	High_titanium_basalt	☐	50	0	BNM	X																			



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
445.39	450.00	Feature 1	PED54834	445.50	446.00	0.50	7.11	7.110	-	-	
		Type	PED54835	446.00	446.50	0.50	1.84	1.840	-	-	
		E1H High_titanium_basalt	PED54836	446.50	447.00	0.50	3.99	3.990	-	-	
		QLF: ALT VND MIN	PED54837	447.00	447.70	0.70	5.59	5.590	-	-	
		High-Ti Basalt (Veined and Mineralized): Fine-grained, dark brown colour, massive textured, strong pervasive silica-bio-chl alteration, weak fracturing @ 20 tca (<1/m), 2-3% planar to fragmented extensional qtz-carb-act thrds/strs @ 6 to 30 tca, (See Orientated Point Data Spreadsheet for detailed veining info), 1-2% fine-gr disseminated po-py (locally concentrated in veining boudin necks and fractures and up to 4-5% as local blebs/strs within the Basalt), weakly magnetitic throughout, gradational lower contact into Basalt with garnets (also veined and mineralized).	PED54839	447.70	448.20	0.50	3.19	3.190	-	-	
			PED54840	448.20	449.00	0.80	3.98	3.980	-	-	
			PED54841	449.00	449.30	0.30	3.18	3.180	-	-	
			PED54842	449.30	450.00	0.70	0.72	0.721	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PRV									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		446.50 - 447.65									
		Alpha: 10									
		Beta: 0									
		Type/GEN/Intensity									
		V2_E 3									
		CA1: 5									
		CA2: 20									
		447.65 - 447.70									
		Alpha: 20									
		Beta: 0									
		Type/GEN/Intensity									
		FLT2									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		445.39 - 450.00									
		PY GS1 1 DIS									
			Comment								
			High-Ti Basalt (Veined and Mineralized): 1-2% fine-gr disseminated po-py (locally concentrated in veining boudin necks and fractures and up to 4-5% as local blebs/strs within the Basalt)), weakly magnetitic throughout.								



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)											
	445.39 - 450.00	PO GS1 2 DIS High-Ti Basalt (Veined and Mineralized): 1-2% fine-gr dissemin po-py (locally concentrated in veining boudin necks and fractures and up to 4-5% as local blebs/strs within the Basalt) , weakly magnetitic throughout.																				
		Feature 2:																				
		<table border="0"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td><input type="checkbox"/></td> <td>3</td> <td>0</td> <td>GYM</td> <td>X</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	3	0	GYM	X								
Type	Dyke	%	Thickness	Colour	Vein																	
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	3	0	GYM	X																	
		QLF: ALT VND MIN																				
		Alteration :																				
		Type/Intensity/Texture																				
		AC 2 VND																				
		SIL 3 PRV																				
450.00	452.50	Feature 1																				
		<table border="0"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td><input type="checkbox"/></td> <td>97</td> <td>0</td> <td>BNM</td> <td>X</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	97	0	BNM	X	PED54843	450.00	450.50	0.50	0.93	0.926	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	<input type="checkbox"/>	97	0	BNM	X																	
		QLF: ALT VND MIN																				
		High-Ti Basalt (Garnetiferous / veined and mineralized): Fine-grained, dark brown colour with spotty greyish-pink garnets, massive textured matrix with 5-10% garnets (2-5 mm) as scattered disseminations, strong pervasive silica-bio-garnet alteration, weak fracturing @ 5 to 10 tca (<1/m), 2-3% planar to fragmented extensional qtz-carb-act thrds/strs @ 15 to 20 tca, (See Orientated Point Data Spreadsheet for detailed veining info), 1-2% fine-gr dissemin po-py, weakly magnetitic throughout, gradational lower contact into Basalt without garnets.																				
		Alteration :																				
		Type/Intensity/Texture																				
		GRN 2 SPT																				
		SIL 3 PRV																				
		BIO 3 PRV																				
			PED54844	450.50	451.00	0.50	0.47	0.471	-	-												
			PED54845	451.00	451.50	0.50	1.21	1.210	-	-												
			PED54846	451.50	452.00	0.50	0.70	0.697	-	-												
			PED54847	452.00	453.00	1.00	0.30	0.304	-	-												



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
Feature 2:											
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	3	0	GYM	X				
		QLF: ALT VND MIN									
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		AC 2 VND									
		SIL 3 PRV									
452.50	462.00	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E1H High_titanium_basalt	<input type="checkbox"/>	98	0	BNM	S				
		QLF: ALT MAS FRA									
		High-Ti Basalt: Fine-grained, greenish-brown colour, moderate to strong bio-silica-chl alteration (no garnets present), massive textured with 1-2% planar to fragmented qtz-carb-chl strcs/threads @ 10 to 20 tca, trace fine-grained dissem po-py, weak fracturing @ 10-15 tca (1/m), EOH.									
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 2 PRV									
								0.06	0.056	-	-
								0.02	0.015	-	-
								0.03	0.032	-	-
								0.09	0.090	-	-
								0.01	0.007	-	-
								0.02	0.019	-	-
								0.02	0.022	-	-
								0.01	0.008	-	-
								0.01	0.014	-	-
		Feature 2:									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		V3 Quartz_carbonate_vein	<input type="checkbox"/>	2	0	WHT	S				
		QLF: ALT MAS FRA									



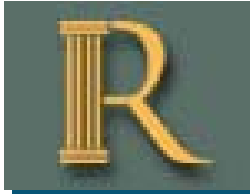
LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-07**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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DRILL HOLE REPORT

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 74.88	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 9.07	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 501	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 15-Jun-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 23-Jun-17				Surveyed: yes
Logged: 28-Jul-17				Surveyed by: Mark Cottrell
Comment: Oriented core starting at 250m, Stabilized core barrel Line7				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10041.184	East: 448148.52
			North: 49931.475	North: 5663885.27
			Elev.: 4763.189	Elev.: -236.81
			Zone: 15N	NAD: NAD83
				Left in hole:
				Making water: no
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	74.88	9.07	C	<input checked="" type="checkbox"/>	
10.00	75.39	9.07	Gyro	<input checked="" type="checkbox"/>	
15.00	77.73	9.08	DeviSh ot	<input type="checkbox"/>	
20.00	75.79	8.77	Gyro	<input checked="" type="checkbox"/>	
30.00	76.16	8.54	Gyro	<input checked="" type="checkbox"/>	
40.00	76.24	8.49	Gyro	<input checked="" type="checkbox"/>	
50.00	76.34	8.43	Gyro	<input checked="" type="checkbox"/>	
51.00	77.59	8.02	DeviSh ot	<input type="checkbox"/>	
60.00	76.31	8.29	Gyro	<input checked="" type="checkbox"/>	
70.00	76.43	8.28	Gyro	<input checked="" type="checkbox"/>	
80.00	76.43	8.21	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	76.52	8.08	Gyro	<input checked="" type="checkbox"/>	
100.00	76.51	8.02	Gyro	<input checked="" type="checkbox"/>	
102.00	74.50	7.70	DeviSh ot	<input type="checkbox"/>	
110.00	76.52	7.88	Gyro	<input checked="" type="checkbox"/>	
120.00	76.53	7.77	Gyro	<input checked="" type="checkbox"/>	
130.00	76.60	7.63	Gyro	<input checked="" type="checkbox"/>	
140.00	76.62	7.53	Gyro	<input checked="" type="checkbox"/>	
150.00	76.59	7.47	Gyro	<input checked="" type="checkbox"/>	
153.00	72.53	7.12	DeviSh ot	<input type="checkbox"/>	
160.00	76.52	7.33	Gyro	<input checked="" type="checkbox"/>	
170.00	76.57	7.18	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-08

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	76.58	6.98	Gyro	<input checked="" type="checkbox"/>	
190.00	76.60	6.79	Gyro	<input checked="" type="checkbox"/>	
200.00	76.60	6.70	Gyro	<input checked="" type="checkbox"/>	
201.00	72.32	7.13	DeviSh ot	<input type="checkbox"/>	
210.00	76.59	6.63	Gyro	<input checked="" type="checkbox"/>	
220.00	76.54	6.59	Gyro	<input checked="" type="checkbox"/>	
230.00	76.53	6.65	Gyro	<input checked="" type="checkbox"/>	
240.00	76.65	6.59	Gyro	<input checked="" type="checkbox"/>	
249.00	74.71	6.15	DeviSh ot	<input type="checkbox"/>	
250.00	76.77	6.45	Gyro	<input checked="" type="checkbox"/>	
260.00	76.82	6.30	Gyro	<input checked="" type="checkbox"/>	
270.00	76.93	6.22	Gyro	<input checked="" type="checkbox"/>	
280.00	77.11	6.08	Gyro	<input checked="" type="checkbox"/>	
290.00	77.19	6.16	Gyro	<input checked="" type="checkbox"/>	
299.00	80.19	5.74	DeviSh ot	<input type="checkbox"/>	
300.00	77.11	6.09	Gyro	<input checked="" type="checkbox"/>	
310.00	77.12	6.03	Gyro	<input checked="" type="checkbox"/>	
320.00	77.28	5.98	Gyro	<input checked="" type="checkbox"/>	
330.00	77.32	5.89	Gyro	<input checked="" type="checkbox"/>	
340.00	77.49	5.95	Gyro	<input checked="" type="checkbox"/>	
350.00	77.58	5.90	Gyro	<input checked="" type="checkbox"/>	
352.00	80.94	5.61	DeviSh ot	<input type="checkbox"/>	
360.00	77.68	5.89	Gyro	<input checked="" type="checkbox"/>	
370.00	77.70	5.68	Gyro	<input checked="" type="checkbox"/>	
380.00	77.79	5.62	Gyro	<input checked="" type="checkbox"/>	
390.00	77.90	5.48	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	80.40	5.20	DeviSh ot	<input type="checkbox"/>	
449.00	79.05	3.75	DeviSh ot	<input type="checkbox"/>	
501.00	77.60	3.22	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

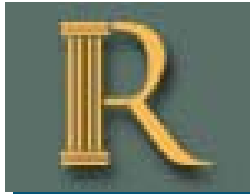
- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
0.00	2.11	Feature 1																		
		Type E0B Komatiitic_basalt QLF: ALT FOL FRA Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to foliated @ 55 tca, strong pervassive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 80 tca.																		
		Alteration : <table style="margin-left: 20px;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>BIO 1 PCH</td> <td></td> </tr> <tr> <td>SIL 1 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table>	Type/Intensity/Texture		BIO 1 PCH		SIL 1 PCH		CHL 3 PRV											
Type/Intensity/Texture																				
BIO 1 PCH																				
SIL 1 PCH																				
CHL 3 PRV																				
		Structure: 2.10 - 2.11 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																		
		Feature 2: <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>V1 Carbonate_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">3</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> </tr> </table> QLF: ALT FOL FRA	Type	Dyke	%	Thickness	Colour	Vein	V1 Carbonate_vein	<input type="checkbox"/>	3	0	WHT	C						
Type	Dyke	%	Thickness	Colour	Vein															
V1 Carbonate_vein	<input type="checkbox"/>	3	0	WHT	C															
2.11	5.15	Feature 1																		
		<table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GNM																



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																			
		<p>QLF: ALT MAS GS1</p> <p>Mafic Dyke: Fine-grained, dark greenish-brown, massive textured, strong pervasive silica alteration, weak patchy bio alteration, weak fracturing @ 60-65 tca (<1/m), weak (<1%) planar qtz-carb-calcite str/threads @ 20-30 tca, trace to 1% dissem po mineralization and as local blebs, weakly magnetitic throughout, sharp contacts @ 80-60 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CHL 2 PRV</td> <td></td> </tr> <tr> <td>SIL 3 PRV</td> <td></td> </tr> <tr> <td>BIO 1 PCH</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>5.14 - 5.15</td> <td>Alpha: 60</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <table style="margin-left: 20px;"> <tr> <td>2.11 - 5.15</td> <td>PO GS1 1 DIS</td> <td></td> </tr> </table> <p>Comment</p> <p>Mafic Dyke: trace to 1% dissem po mineralization and as local blebs, weakly magnetitic throughout.</p>	Type/Intensity/Texture		CHL 2 PRV		SIL 3 PRV		BIO 1 PCH		5.14 - 5.15	Alpha: 60	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD		2.11 - 5.15	PO GS1 1 DIS									
Type/Intensity/Texture																														
CHL 2 PRV																														
SIL 3 PRV																														
BIO 1 PCH																														
5.14 - 5.15	Alpha: 60	Beta: 0																												
	Type/GEN/Intensity	CA1: CA2:																												
	CD																													
2.11 - 5.15	PO GS1 1 DIS																													
5.15	37.13	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td style="text-align: center;">C</td> </tr> </table> <p>QLF: ALT FOL FRG</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout with local ground sections, strong pervasive chl alteration and patchy talc alteration which increases downhole, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 65 tca, local sil'd grey qtz-carb-act vein (20 cm wide) @ 65 tca from 24.26 to 24.46 m, no visible mineralization, sharp lower contact with Mafic Dyke @ 70 tca.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	□	95	0	GNM	C	PED54295	24.20	24.50	0.30	0.02	0.016	-	-								
Type	Dyke	%	Thickness	Colour	Vein																									
E0B Komatiitic_basalt	□	95	0	GNM	C																									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		Alteration : Type/Intensity/Texture TLC 2 PCH SIL 1 PCH CHL 3 PRV																		
		Structure: 24.26 - 24.46 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: V2A 3 60 65 37.12 - 37.13 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																		
		Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> </tr> </tbody> </table> QLF: ALT FOL FRG	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C						
Type	Dyke	%	Thickness	Colour	Vein															
V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C															
37.13	46.30	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> QLF: MAS GS1 FRA Mafic Dyke: Fine-grained, dark greenish-brown colour, massive textured, weak fracturing @ 10-30 tca (<1/m) and 45-65 tca (1/m), weak (1%) qtz-carb-calcite str/threads @ 10-35 tca, no visible mineralization, however weakly magnetitic throughout, sharp upper contact @ 50 tca, lower contact broken.	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GNM	S						
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GNM	S															
		Alteration : Type/Intensity/Texture BIO 0 PCH																		



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)												
		SIL 1 PCH CHL 3 PRV																					
46.30	140.50	Feature 1																					
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GYM</td> <td>C</td> </tr> </tbody> </table> <p>QLF: ALT FTB FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia and local spinifex textures), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout with local totally ground sections, strong pervassive chl alteration and patchy talc alteration which increases downhole, veining consist of 1-2% irregular/fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca, strong fracturing (2-3/m) @ 40-60 tca and weak fracturing which is somewhat curvilinear with polished surfaces with slickenslides @ 20-35 tca (<1/m), minor (<1%) local white calcite strs @ 65-75 tca, no visible mineralization. Possible Mafic Dyke from 138 to 140.5 m due to change in alteration from talc to chl, contacts very difficult to distinguish, however it does have the appearance of a Mafic Dyke.</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>SIL 1 PCH</td> </tr> <tr> <td>TLC 2 PCH</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0	GYM	C	Type/Intensity/Texture	SIL 1 PCH	TLC 2 PCH	CHL 3 PRV					
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	☐	0	0	GYM	C																		
Type/Intensity/Texture																							
SIL 1 PCH																							
TLC 2 PCH																							
CHL 3 PRV																							
140.50	159.00	Feature 1																					
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt (as above) with increased pervassive strong talc alteration overprinting the rock unit.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	☐	0	0	GND										
Type	Dyke	%	Thickness	Colour	Vein																		
E0T Talc_rich_unit	☐	0	0	GND																			



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

Massive textured with minor local rubbly breccia textures (flow top breccia) with curvilinear fracture planes which have polished surfaces with slickensides @ 20-35 tca (<1/m) and fracturing (2-3/m) @ 40-60 tca, no significant veining or no visible mineralization. Talc alteration begins to decrease from predominately pervasive talc alteration to patchy talc alteration downhole.

Alteration :

Type/Intensity/Texture
SRP 1 VND
CHL 2 PCH
TLC 3 PRV

159.00 313.92 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYL	S

QLF: ALT FTB FRA

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia and local possible pillow selveges), strong deformation throughout with foliation/ fracturing fabrics present, badly broken core throughout with local totally ground sections , strong pervasive chl alteration and patchy talc alteration, serpentine alteration occurs within fragmented veining, veining consist of 1-2% irregular/ fragmented/boudinaged/ qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca, strong fracturing (2-3/m) @ 40-60 tca and weak fracturing which is somewhat curvilinear often with polished talc-chl surfaces with slickensides @ 10-35 tca (1/m), minor (<1%) local white calcite strs @ 65-75 tca, no visible mineralization. Lower contact with Felsic Dyke sharp @ 70 tca.

Alteration :

Type/Intensity/Texture
SRP 1 VND
TLC 2 PCH
CHL 3 PRV

Structure:

313.91 - 313.92 Alpha: 70 Beta: 0



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CD									
		CA1: CA2:									
313.92	327.62	Feature 1	PED54296	313.92	315.00	1.08	0.19	0.190	-	-	
		Type	PED54297	315.00	316.00	1.00	0.08	0.078	-	-	
		Dyke % Thickness Colour Vein	PED54298	316.00	317.00	1.00	0.12	0.115	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 98 0 BNM S	PED54299	317.00	318.00	1.00	0.05	0.045	-	-	
		QLF: ALT BRK FRA	PED54300	318.00	319.00	1.00	0.17	0.168	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 10-20 tca (1-2/m) and 45-55 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local sections of badly broken core, 1-2% planar to fragmented irregular sil'd greyish-white qtz-carb str @ 10 to 25 tca, trace fine-gr dissemin py., sharp upper contact @ 70 tca, lower contact somewhat irregular @ 20 tca.	PED54301	319.00	320.00	1.00	0.10	0.095	-	-	
			PED54302	320.00	321.00	1.00	0.24	0.242	-	-	
			PED54304	321.00	322.00	1.00	0.28	0.284	-	-	
			PED54305	322.00	323.00	1.00	0.05	0.049	-	-	
			PED54306	323.00	324.00	1.00	0.08	0.080	-	-	
		Alteration : Type/Intensity/Texture	PED54307	324.00	325.00	1.00	0.07	0.067	-	-	
		CHL 1 FF	PED54308	325.00	326.00	1.00	0.32	0.320	-	-	
		SIL 3 PRV	PED54309	326.00	327.00	1.00	0.26	0.256	-	-	
		BIO 3 PCH	PED54310	327.00	327.62	0.62	0.31	0.311	-	-	
		Structure:									
		327.61 - 327.62 Alpha: 20 Beta: 0									
		Type/GEN/Intensity CD									
		CA1: CA2:									
		Feature 2:									
		Type									
		Dyke % Thickness Colour Vein									
		V2A Quartz_carb_actinolite_vein <input checked="" type="checkbox"/> 2 0 GYM S									
		QLF: ALT BRK FRA									
		Alteration : Type/Intensity/Texture									
		SIL 3 PRV									



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Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
327.62	329.31	Feature 1	PED54312	327.62	328.50	0.88	0.53	0.534	-	-
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein</p> <p>QLF: ALT BAN MAS</p> <p>Komatiitic Basalt: Fine-grained, dark greenish-brown colour, massive textured to locally weakly banded on a mm to cm scale @ 80-85 tca with alternating bands of bio rich and chl rich bands, no significant veining and no visible mineralization. Lower contact with Mafic Dyke sharp @ 80 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 BAN</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 2 BAN</p>	PED54313	328.50	329.31	0.81	0.14	0.141	-	-
329.31	334.60	Feature 1	PED54314	329.31	330.00	0.69	0.47	0.473	-	-
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour GND Vein</p> <p>QLF: GS1 MAS FRA</p> <p>Mafic Dyke (possible Basalt?): Fine-grained, dark greenish-brown colour, massive textured, weak fracturing @ 10-20 tca (<1/m) and 40-60 tca (1-2/m), locally badly broken core, weak veining as (1%) qtz-carb-calcite str/threads @ 15-40 tca, no visible mineralization, however weakly magnetitic throughout, sharp upper contact @ 80 tca, lower contact sharp @ 75 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 1 PCH</p> <p style="margin-left: 40px;">SIL 2 PRV</p> <p style="margin-left: 40px;">CHL 3 PRV</p>	PED54315	330.00	331.00	1.00	0.02	0.015	-	-
			PED54316	331.00	332.00	1.00	0.01	0.011	-	-
			PED54317	332.00	333.00	1.00	0.05	0.047	-	-
			PED54319	333.00	334.00	1.00	0.03	0.028	-	-
			PED54320	334.00	334.60	0.60	0.03	0.026	-	-



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Structure:										
		334.59 - 334.60 Alpha: 75 Beta: 0 Type/GEN/Intensity CA1: CA2: CD										
334.60	335.32	Feature 1	PED54321	334.60	335.32	0.72	0.06	0.056	-	-		
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL						
		QLF: ALT MAS GS1										
		Komatiitic Basalt: Fine-grained, light greenish colour, massive textured, minor local sil'd qtz-carb-act str @ 80 tca, no visible mineralization, sharp lower contact with Felsic Dyke @ 55 tca.										
		Alteration :	Type/Intensity/Texture									
			CHL 3 PRV									
		Structure:										
		335.31 - 335.32 Alpha: 55 Beta: 0 Type/GEN/Intensity CA1: CA2: CD										



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
335.32	343.28	Feature 1	PED54322	335.32	336.00	0.68	0.17	0.166	-	-
		Type	PED54323	336.00	337.00	1.00	0.22	0.217	-	-
		I3 Felsic_intrusive	PED54324	337.00	338.00	1.00	0.17	0.174	-	-
		DLF: ALT MAS FRA	PED54325	338.00	339.00	1.00	0.26	0.257	-	-
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 5 to 25 tca (<1/m) and 45 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, 1% planar to fragmented irregular sil'd greyish-white qtz-carb str @ 10 to 35 tca, trace fine-gr dissemin py., sharp upper contact @ 55 tca, lower contact sharp @ 35 tca	PED54326	339.00	340.00	1.00	0.56	0.561	-	-
			PED54327	340.00	341.00	1.00	0.28	0.283	-	-
			PED54328	341.00	342.00	1.00	0.59	0.594	-	-
			PED54329	342.00	342.65	0.65	0.26	0.263	-	-
			PED54330	342.65	343.30	0.65	0.22	0.216	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 2 FF								
		SIL 3 PRV								
		BIO 3 PCH								
343.28	349.58	Feature 1	PED54332	343.30	344.30	1.00	0.02	0.021	-	-
		Type	PED54333	349.00	349.84	0.84	0.02	0.020	-	-
		E0B Komatiitic_basalt								
		DLF: ALT MAS GS1								
		Komatiitic Basalt: Fine-grained, light greenish colour, massive textured, pervassive chl alteration and weak patchy talc alteration, minor local (<1%) sil'd qtz-carb-act str @ 70-80 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 80 tca.								
		Alteration :								
		Type/Intensity/Texture								
		TLC 1 PCH								
		CHL 3 PRV								
		Structure:								
		349.57 - 349.58 Alpha: 80 Beta: 0								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CD									
		CA1: CA2:									
349.58	358.27	Feature 1	PED54334	349.84	351.00	1.16	0.02	0.018	-	-	
		Type	PED54335	351.00	352.00	1.00	0.22	0.215	-	-	
		Dyke % Thickness Colour Vein	PED54337	352.00	353.00	1.00	0.04	0.039	-	-	
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 GND	PED54338	353.00	354.00	1.00	0.03	0.032	-	-	
		QLF: MAS GS1 FRA	PED54339	354.00	355.00	1.00	0.33	0.332	-	-	
		Mafic Dyke (possible Basalt?): Fine-grained, dark greenish-brown colour, massive textured, weak fracturing @ 10-20 tca (<1/m) and 40-50 tca (1-2/m), weak veining as (1%) qtz-carb-calcite greyish-white planar str/threads @ 15 & 45 tca, weak mineralization consisting of <1% fine-gr disseminated po-py, however weakly magnetitic throughout, sharp upper contact @ 80 tca, lower contact sharp @ 70 tca.	PED54341	355.00	356.00	1.00	0.14	0.141	-	-	
			PED54342	356.00	357.00	1.00	2.62	2.620	-	-	
			PED54343	357.00	358.27	1.27	0.11	0.106	-	-	
		Alteration : Type/Intensity/Texture									
		BIO 1 LOC									
		SIL 2 PRV									
		CHL 3 PRV									
		Structure:									
		358.26 - 358.27 Alpha: 70 Beta: 0									
		Type/GEN/Intensity CD									
		CA1: CA2:									
358.27	360.00	Feature 1	PED54344	358.27	359.00	0.73	0.00	<0.005	-	-	
		Type									
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNL									
		QLF: ALT MAS GS1									
		Komatiitic Basalt: Fine-grained, light greenish colour, massive textured, pervassive chl alteration and weak patchy talc alteration that increases downhole, minor local (<1%) sil'd qtz-carb-act str @ 70-80 tca, no visible									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
mineralization, gradational change into strongly talc altered Komatiitic Basalt from 360m onward .											
		Alteration :	Type/Intensity/Texture								
			TLC 2 PCH								
			CHL 3 PRV								
360.00	393.12	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
E0T	Talc_rich_unit	<input type="checkbox"/>	98	0	GYL	S					
		QLF:	ALT SHD VND								
<p>Komatiitic Basalt (as above) with increased pervassive strong talc alteration overprinting the rock unit, the Komatiitite is fine-grained, lighth grey colour with a pitted surface, massive textured which becomes a moderately to strongly developed shear/foliation fabric @ 15-30 tca from 388 to 391.20 m, weak fracturing (1-2/m) @ 20-30 tca, 1-2% veining as planar to boudinaged qtz-carb strs/threads @ 15 to 30 tca parallel to the shear/foliation fabric, no visible mineralization. Local faulting from 372.75 to 374 m with strong fracturing/gouge/broken core @ 10 tca and from 391.2 to 391.74 m there is a strong fault/bx zone @ 15 to 25 tca containing sil'd fragmented qtz-carb-act vnls/strs parallel to faulting/bx fabric. The Komatiitic unit is faulted along the lower contact with a highly sheared mixed unit (contains both High-Ti Basalt and Komatiitic fragments).</p>											
		Alteration :	Type/Intensity/Texture								
			CHL 2 PRV								
			SIL 1 PCH								
			TLC 3 PRV								
		Structure:									
372.75 - 374.00		Alpha: 10	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		FLT 3	5	15							



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	388.00 - 391.20	Alpha: 25 Type/GEN/Intensity SHD 3									
		Beta: 0 CA1: CA2: 15 30									
	391.20 - 391.74	Alpha: 20 Type/GEN/Intensity V2A 3 FLT 3									
		Beta: 0 CA1: CA2: 15 25 15 25									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	S				
		QLF: ALT SHD VND									
393.12	394.12	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input checked="" type="checkbox"/>	70	0	GNM	S				
		QLF: ALT BAN VND									
		Mixed Zone (Breccia Zone): Fine-grained with mottled to banded greenish-brown colour with mixed clasts of both Komatiitic Basalt (70%) with lesser amounts of High-Ti Basalt (30%), strong well defined shear/foliation fabric @ 25-35 tca, local faulting present as crosscutting hairline blackline faults @ 75-80 tca which display minor offsets (1-2 cms), strong pervasive silica and banded bio-chl alteration, no significant fractures, veining as thin sil'd qtz-carb strs/threads (which are highly fragmented / locally folded to planar @ 25 to 30 tca parallel to the shear/foliation fabric, local breccia veining (6 cm wide) @ 50-65 tca containing wallrock fragments from 393.94 to 394 m, no visible mineralization, (possible interflow metasediments with fine-gr laminations which locally are highly contorted). Lower contact is sharp with the High-Ti Basalt @ 60 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 BAN									
		SIL 3 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 BAN									
		Structure:									
	393.94 - 394.00	Alpha: 60 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: 50 CA2: 65									
	394.11 - 394.12	Alpha: 60 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
	E1H	High_titanium_basalt	<input checked="checked" type="checkbox"/>	30	0						
	QLF:	ALT BAN VND									
394.12	406.50	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
	E1H	High_titanium_basalt	<input type="checkbox"/>	98	0	BNM	S				
	QLF:	ALT FRA VND									
		High-Ti Basalt: (Veined) Fine-grained, mottled greenish-brown colour, massive textured, moderate to strong patchy bio-chl alteration and strong pervasive silica alteration, local scattered garnets (1 to 3 mm) from 402 to 402.5 m, 1-2% veining as planar to highly fragmented sil'd whitish-grey qtz-carb-act str's @ 35 to 50 tca, mineralization consisting of trace fine-gr po>py disseminated throughout which locally increases to 1% proximal to the qtz-carb-act str's, weak patchy magnetite, weak fracturing @ 50 to 60 tca (1-2/m) and 15 to 35 tca (1/m).									
		Alteration :	Type/Intensity/Texture								
			CHL 2 SPT								
			SIL 3 PRV								
								0.47	0.465	-	-
								0.07	0.073	-	-
								0.04	0.044	-	-
								0.08	0.084	-	-
								0.01	0.009	-	-
								0.01	0.009	-	-
								2.54	2.540	-	-
								0.03	0.025	-	-
								0.55	0.547	-	-
								0.13	0.126	-	-
								0.35	0.351	-	-
								0.07	0.065	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 SPT	PED54366	405.50	406.50	1.00	0.88	0.875	-	-	

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V2A Quartz_carb_actinolite_vein	☐	2	0	WHT	S
QLF: ALT FRA VND					
Alteration : Type/Intensity/Texture					
AC 2 VND					
SIL 3 PRV					

406.50	408.90	Feature 1	PED54367	406.50	407.00	0.50	19.83	>10.00	19.83	-	-
			PED54368	407.00	408.00	1.00	3.92	3.920	-	-	
			PED54370	408.00	408.50	0.50	0.31	0.309	-	-	
			PED54371	408.50	408.90	0.40	5.73	5.730	-	-	

Type	Dyke	%	Thickness	Colour	Vein
E1H High_titanium_basalt	☐	80	0	BNM	X
QLF: ALT VND MIN					

High-Ti Basalt: (Mineralized and Veined): As above with increased veining and mineralization, fine-grained, mottled greenish-brown colour, massive textured, strong pervasive bio-silica alteration, 20% veining as planar to highly fragmented/boudinaged/folded sil'd whitish-grey qtz-carb-act str/vnlts (3 to 6 cm wide) @ 20 to 35 tca containing breccia wallrock fragments, mineralization consisting of 1% fine-gr po>py disseminated throughout which locally increases to 4 to 5% blebs/threads of primarily po proximal to and fracture infilling within the mineralized qtz-carb-act str/vnlts, weak fracturing @ 50 to 60 tca (1-2/m). Lower contact is gradational into a fuchsite-rich altered Basalt.

Alteration :	Type/Intensity/Texture
	CHL 2 PCH
	SIL 3 PRV
	BIO 3 PRV

Structure:

406.50 - 406.53 Alpha: 40 Beta: 0



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		Type/GEN/Intensity V2_BX 3								
407.10 - 407.20		Alpha: 35 Type/GEN/Intensity V2_BX 3								
		Beta: 0 CA1: CA2: 35 45								
407.30 - 407.90		Alpha: 30 Type/GEN/Intensity V2_BX 3								
		Beta: 0 CA1: CA2: 20 40								
408.65 - 408.87		Alpha: 30 Type/GEN/Intensity V2_BX 3								
		Beta: 0 CA1: CA2: 25 35								
Mineralization Maj. :		Type/GSZ%/HABIT			Comment					
406.50 - 408.90		PY GS1 2 DIS			High-Ti Basalt: (Mineralized and Veined): mineralization consisting of 1% fine-gr po>py disseminated throughout which locally increases to 4 to 5% blebs/threads of primarily po proximal to and fracture infilling within the mineralized qtz-carb-act str/vnlts.					
406.50 - 408.90		PO GS1 3 BLB			High-Ti Basalt: (Mineralized and Veined): mineralization consisting of 1% fine-gr po>py disseminated throughout which locally increases to 4 to 5% blebs/threads of primarily po proximal to and fracture infilling within the mineralized qtz-carb-act str/vnlts.					
Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein			
V2_BX		Quartz_Vein_with_Fragments	□	20	0	WHT	L			
QLF: ALT VND MIN										
Alteration :		Type/Intensity/Texture								
		AC 2 VND								
		SIL 3 PRV								



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
408.90	409.50	Feature 1	PED54372	408.90	409.50	0.60	5.66	5.660	-	-	
		<p style="margin-left: 20px;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT FOL MIN</p> <p>Hi-Ti Basalt - Altered Green Zone (Fuchsite Fault?): Fine-grained, bright green colour with local irregular brownish patches (ankerite / bio?), weakly foliated @ 28-30 tca with minor (1%) fragmented greyish sil'd qtz-carb str's @ 20-25 tca, 1% mineralization as dissem/threads of po-py, weak fracturing @ 16 tca (1/m), contacts are somewhat gradational.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CBA 1 PCH</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">FUC 3 PRV</p> <p>Structure:</p> <p>408.90 - 409.50 Alpha: 30 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">FOL 1 CA1: 28 CA2: 30</p> <p>Mineralization Maj. : Type/GSZ%/HABIT</p> <p>408.90 - 409.50 PY GS1 0.5 DIS</p> <p>408.90 - 409.50 PO GS1 0.5 DIS</p> <p style="margin-left: 20px;">Comment</p> <p>Altered Green Zone (Fuchsite Fault?): 1% mineralization as dissem/threads of po-py.</p> <p>Altered Green Zone (Fuchsite Fault?): 1% mineralization as dissem/threads of po-py.</p>									
409.50	411.67	Feature 1	PED54373	409.50	410.00	0.50	7.63	7.630	-	-	
		<p style="margin-left: 20px;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT BRX MIN</p>	PED54374	410.00	410.55	0.55	12.95	>10.000	12.95	-	
			PED54375	410.55	411.00	0.45	4.36	4.360	-	-	
			PED54376	411.00	411.67	0.67	5.93	5.930	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																																																																				
<p>High-Ti Basalt (Garnetiferous and mineralized/veined): Fine-grained, mottled dark brownish-green colour, moderately developed breccia fabric @ 35 tca, strong pervassive silica-bio and patchy weak garnet alteration (with 1-2% scattered garnets 1-3 mm in diameter), strongly fractured @ 10-20 tca (1-2/m), veining consist of 1-2% highly fragmented grey sil'd qtz-carb-act strs @ 10 to 16 tca, 1-2% dissem fine-gr po-py that increases proximal to veining, weakly magnetitic throughout, lower contact with Mafic Dyke sharp @ 45 tca.</p>																																																																																															
<p>Alteration :</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>GRN 1 SPT</td> <td></td> </tr> <tr> <td>SIL 3 PRV</td> <td></td> </tr> <tr> <td>BIO 3 PRV</td> <td></td> </tr> </table>												Type/Intensity/Texture		GRN 1 SPT		SIL 3 PRV		BIO 3 PRV																																																																													
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<p>Structure:</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">409.50 - 411.66</td> <td style="width: 30%;">Alpha: 35</td> <td style="width: 15%;">Beta: 0</td> <td style="width: 10%;">CA1:</td> <td style="width: 10%;">CA2:</td> <td colspan="7"></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td></td> <td>10</td> <td>15</td> <td colspan="7"></td> </tr> <tr> <td></td> <td>FRA 3</td> <td></td> <td>25</td> <td>35</td> <td colspan="7"></td> </tr> <tr> <td></td> <td>FLT2 2</td> <td></td> <td colspan="9"></td> </tr> <tr> <td>411.66 - 411.67</td> <td>Alpha: 45</td> <td>Beta: 0</td> <td>CA1:</td> <td>CA2:</td> <td colspan="7"></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td></td> <td colspan="9"></td> </tr> <tr> <td></td> <td>CD</td> <td></td> <td colspan="9"></td> </tr> </table>												409.50 - 411.66	Alpha: 35	Beta: 0	CA1:	CA2:									Type/GEN/Intensity		10	15									FRA 3		25	35									FLT2 2											411.66 - 411.67	Alpha: 45	Beta: 0	CA1:	CA2:									Type/GEN/Intensity												CD										
409.50 - 411.66	Alpha: 35	Beta: 0	CA1:	CA2:																																																																																											
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	FRA 3		25	35																																																																																											
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	CD																																																																																														
<table style="width: 100%;"> <tr> <td style="width: 15%;">Mineralization Maj. :</td> <td style="width: 30%;">Type/GSZ%/HABIT</td> <td style="width: 15%;">Comment</td> <td colspan="9"></td> </tr> <tr> <td>409.50 - 411.67</td> <td>PY GS1 1 DIS</td> <td>High-Ti Basalt (Garnetiferous and mineralized/veined: 1-2% dissem fine-gr po-py that increases proximal to veining.</td> <td colspan="9"></td> </tr> <tr> <td>409.50 - 411.67</td> <td>PO GS1 1 DIS</td> <td>High-Ti Basalt (Garnetiferous and mineralized/veined: 1-2% dissem fine-gr po-py that increases proximal to veining.</td> <td colspan="9"></td> </tr> </table>												Mineralization Maj. :	Type/GSZ%/HABIT	Comment										409.50 - 411.67	PY GS1 1 DIS	High-Ti Basalt (Garnetiferous and mineralized/veined: 1-2% dissem fine-gr po-py that increases proximal to veining.										409.50 - 411.67	PO GS1 1 DIS	High-Ti Basalt (Garnetiferous and mineralized/veined: 1-2% dissem fine-gr po-py that increases proximal to veining.																																																									
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409.50 - 411.67	PO GS1 1 DIS	High-Ti Basalt (Garnetiferous and mineralized/veined: 1-2% dissem fine-gr po-py that increases proximal to veining.																																																																																													
411.67	412.43	Feature 1	PED54377	411.67	412.43	0.76	0.15	0.153	-	-																																																																																					
<table style="width: 100%;"> <tr> <td style="width: 15%;">Type</td> <td style="width: 15%;">Dyke</td> <td style="width: 5%;">%</td> <td style="width: 10%;">Thickness</td> <td style="width: 10%;">Colour</td> <td style="width: 10%;">Vein</td> <td colspan="6"></td> </tr> <tr> <td>I1</td> <td>Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td colspan="6"></td> </tr> <tr> <td colspan="12">QLF: ALT MAS CHM</td> </tr> </table>												Type	Dyke	%	Thickness	Colour	Vein							I1	Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK							QLF: ALT MAS CHM																																																											
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LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
<p>Mafic Dyke: Fine-grained, dark brown to black, strong pervasive silica alteration, massive textured, no significant veining or mineralization, weakly magnetitic throughout, sharp contacts @ 45 and 70 tca.</p>											
<p>Alteration : Type/Intensity/Texture</p> <p> CHL 2 PRV</p> <p> SIL 3 PRV</p>											
<p>Structure:</p> <p>412.42 - 412.43 Alpha: 70 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CD</p>											
412.43	415.78	Feature 1	PED54378	412.43	413.00	0.57	7.14	7.140	-	-	
		Type	Dyke	%	Thickness	Colour	Vein	2.08	2.080	-	-
		E1H High_titanium_basalt	□	0	94	BNM	F	1.89	1.890	-	-
		QLF: ALT VND MIN	PED54380	413.70	414.30	0.60	3.01	3.010	-	-	
<p>High-Ti Basalt (Garnetiferous and mineralized/veined): Fine-grained, mottled dark brownish-green colour, massive textured to moderately developed breccia fabric @ 35-45 tca, weak shear/foliation fabric @ 70-80 tca developed towards bottom of this unit, strong pervasive silica-bio and patchy local weak garnet alteration (with <1% scattered garnets 1-3 mm in diameter), weakly fractured @ 40-50 tca (1/m), veining consist of 4-5% highly fragmented/folded grey sil'd qtz-carb-act str/vnlts @ 45 to 70 tca and 1-2% planar whitish-grey qtz-carb-act vnlts @ 5-10 tca containing wallrock fragments, 1-2% dissem fine-gr po-py that locally increases proximal to veining, weakly magnetitic throughout, lower contact with Komatiitic Basalt sheared @ 80 tca.</p>											
<p>Alteration : Type/Intensity/Texture</p> <p> CHL 2 PCH</p> <p> SIL 3 PRV</p> <p> BIO 3 PRV</p>											
<p>Structure:</p> <p>412.43 - 415.00 Alpha: 40 Beta: 0</p>											



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity FLT2 2									
		CA1: CA2: 35 45									
	415.00 - 415.78	Alpha: 70 Beta: 0									
		Type/GEN/Intensity SHD 1									
		CA1: CA2: 70 80									
		Mineralization Maj. : Type/GSZ%/HABIT									
	412.43 - 415.78	PY GS1 1 DIS									
		Comment High-Ti Basalt (Garnetiferous and mineralized/veined):1-2% disseminated fine-grained pyrophyllite that locally increases proximal to veining.									
	412.43 - 415.78	PO GS1 1 DIS									
		Comment High-Ti Basalt (Garnetiferous and mineralized/veined):1-2% disseminated fine-grained pyrophyllite that locally increases proximal to veining.									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>		6	0 WHT	F				
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
415.78	422.30	Feature 1									
		Type									
		E0B Komatiitic_basalt	<input type="checkbox"/>		95	0 GNM	F				
		QLF: ALT BRX SHD									
		Komatiitic Basalt: Fine to med-grained, light greenish colour, moderately developed breccia/shear fabric @ 40-55 tca, pervasive chl alteration, weak patchy talc alteration and local strong patchy silica alteration that decreases downhole, local (5%) sil'd qtz-carb-act veining containing wallrock fragments with contacts @ 50-60 tca, and 1-2% fragmented/boudinaged qtz-carb strcs @ 40-55 tca, no visible mineralization, lower contact Mafic Dyke (possible Gabbro?) sharp @ 50 tca.									
				PED54385	415.80	416.65	0.85	0.10	0.099	-	-
				PED54387	416.65	417.50	0.85	0.01	0.012	-	-
				PED54388	417.50	418.00	0.50	0.00	<0.005	-	-
				PED54389	418.00	419.00	1.00	0.00	<0.005	-	-
				PED54390	419.00	420.00	1.00	0.00	<0.005	-	-
				PED54391	420.00	421.00	1.00	0.00	<0.005	-	-
				PED54392	421.00	421.65	0.65	0.00	<0.005	-	-
				PED54393	421.65	422.30	0.65	0.00	<0.005	-	-



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		Alteration : Type/Intensity/Texture CHL 3 PRV SIL 3 PCH BIO 1 PCH Structure: 416.15 - 416.65 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: V2_BX 3 50 60 416.65 - 422.30 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: SHD 2 40 55																				
422.30	435.55	Feature 1	PED54394	422.30	423.00	0.70	0.00	<0.005	-	-												
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1A Gabbro</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1A Gabbro	<input checked="" type="checkbox"/>	0	0	GND		PED54395	423.00	424.00	1.00	0.00	<0.005	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
I1A Gabbro	<input checked="" type="checkbox"/>	0	0	GND																		
		QLF: MAS ALT GS1 Gabbro Dyke (Possible Recrystallized Basalt?): Med to fine-grained, dark green to black colour, massive textured to weakly foliated @ 20 tca, strong pervassive chl alteration occurs as dark flecks throughout the unit, weak patchy silica-bio alteration, 1% planar whitish qtz-carb-act str/vnlts @ 15 to 25 tca, no visible mineralization, weak fracturing @ 20 to 45 tca (1-2/m). This unit may possible represent a feeder dyke/sill to the Komatiitic Basalt unit? Or it may be a recrystallized Basalt? In places it looks like a Gabbro but in other places it looks like a cooked up Basalt? Lower contact with Komatiitic Basalt is veined @ 30 tca.																				
		Alteration : Type/Intensity/Texture BIO 1 PCH SIL 1 PCH CHL 3 PRV Structure:																				



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	435.54 - 435.55	Alpha: 30 Type/GEN/Intensity CV									
		Beta: 0 CA1: CA2:									
435.55	480.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	97	0	GNM	C				
		QLF: ALT MAS FOL									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to weakly developed foliation fabric @ 45 to 55 tca, weak fracturing @ 40 to 50 tca (1-2/m), strong pervassive chl alteration and patchy talc alteration and local weak patchy silica-bio alteration, minor veining consist of 2-3% irregular/fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., local badly broken/ground core, no significant mineralization observed .Lower contact with Gabbro Dyke is sub-parallel to the core axis @ 10-12 tca.									
		Alteration :	Type/Intensity/Texture								
			SIL 1 PCH								
			TLC 2 PCH								
			CHL 3 PRV								
		Structure:									
	471.50 - 473.00	Alpha: 10 Type/GEN/Intensity FRA									
		Beta: 0 CA1: CA2: 5 15									
	479.90 - 480.00	Alpha: 10 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2: 10 12									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				



LITHOLOGY REPORT

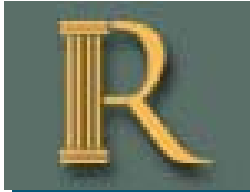
- Detailed -

Hole Number **610L-17-08**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		V3 Quartz_carbonate vein QLF: ALT MAS FOL									
480.00	501.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK					
		<p>QLF: MAS FRA GS1</p> <p>Gabbro Dyke (Possible Recrystallized Basalt?): Med to fine-grained, dark green to black colour, massive textured, strong pervasive chl alteration occurs as dark flecks throughout the unit, moderate patchy bio-silica alteration present along upper contact (resembles High-Ti Basalt) which decreases downhole, upper contact is sub parallel to core axis @ 10-12 tca, 1% planar whitish qtz-carb-calcite strsvnlts @ 10 to 45 tca, no visible mineralization, moderate fracturing @ 5 to 25 tca (1-2/m) with polished slickenslide surfaces and fractures @ 35 to 40 tca (1-2/m). This unit may possible represent a feeder dyke/sill to the Komatiitic Basalt unit? Or it may be a recrystallized Basalt? In places it looks like a Gabbro but in other places it looks like a cooked up Basalt? EOH @ 501 m.</p>									
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">CB 2 VND</p> <p style="margin-left: 20px;">CHL 3 PRV</p> <p style="margin-left: 20px;">BIO 2 LOC</p>									
		<p>Structure:</p> <p>484.00 - 486.00 Alpha: 10 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 20px;">FRA 3 5 15</p>									



DRILL HOLE REPORT

Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 71.91	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 9.69	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 504	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 24-Jun-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 02-Jul-17				Surveyed: yes
Logged: 02-Aug-17				Surveyed by: Mark Cottrell

Comment: Line7, Oriented core , stabilized hexagonal core barrel
 **It was found, at the end of the hole, that drillers were removing coretube backend (Truecore) due to limited room behind drill. Truecore readings are suspect. No orientated reading taken due mostly to broken core or no marks recorded making the lines un-usable.

Coordinate - Gemcom	Coordinate - UTM
East: 10041.18	East: 448148.57
North: 49931.53	North: 5663885.32
Elev.: 4763.229	Elev.: -236.77
	Zone: 15N NAD: NAD83

Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	71.91	9.69	C	<input checked="" type="checkbox"/>	
10.00	71.09	9.69	Gyro	<input checked="" type="checkbox"/>	
15.00	71.60	9.40	DeviSh ot	<input type="checkbox"/>	
20.00	71.21	9.56	Gyro	<input checked="" type="checkbox"/>	
30.00	71.28	9.47	Gyro	<input checked="" type="checkbox"/>	
40.00	71.27	9.36	Gyro	<input checked="" type="checkbox"/>	
49.00	72.70	8.90	DeviSh ot	<input type="checkbox"/>	
50.00	71.40	9.27	Gyro	<input checked="" type="checkbox"/>	
60.00	71.48	9.18	Gyro	<input checked="" type="checkbox"/>	
70.00	71.54	9.08	Gyro	<input checked="" type="checkbox"/>	
80.00	71.62	9.07	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	71.68	8.94	Gyro	<input checked="" type="checkbox"/>	
99.00	67.90	8.60	DeviSh ot	<input type="checkbox"/>	Suspect
100.00	71.90	8.95	Gyro	<input checked="" type="checkbox"/>	
110.00	72.04	8.89	Gyro	<input checked="" type="checkbox"/>	
120.00	72.03	8.93	Gyro	<input checked="" type="checkbox"/>	
130.00	72.20	8.86	Gyro	<input checked="" type="checkbox"/>	
140.00	72.42	8.85	Gyro	<input checked="" type="checkbox"/>	
149.00	67.30	8.53	DeviSh ot	<input type="checkbox"/>	Suspect
150.00	72.47	8.70	Gyro	<input checked="" type="checkbox"/>	
160.00	72.46	8.55	Gyro	<input checked="" type="checkbox"/>	
170.00	72.74	8.40	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-09

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	72.76	8.40	Gyro	<input checked="" type="checkbox"/>	
190.00	72.92	8.36	Gyro	<input checked="" type="checkbox"/>	
200.00	72.91	8.28	Gyro	<input checked="" type="checkbox"/>	
201.00	71.27	7.95	DeviSh ot	<input type="checkbox"/>	High Mag
210.00	72.97	8.16	Gyro	<input checked="" type="checkbox"/>	
220.00	73.06	8.08	Gyro	<input checked="" type="checkbox"/>	
230.00	73.08	7.84	Gyro	<input checked="" type="checkbox"/>	
240.00	72.98	7.71	Gyro	<input checked="" type="checkbox"/>	
249.00	72.40	7.30	DeviSh ot	<input type="checkbox"/>	
250.00	72.98	7.61	Gyro	<input checked="" type="checkbox"/>	
260.00	73.02	7.50	Gyro	<input checked="" type="checkbox"/>	
270.00	73.15	7.42	Gyro	<input checked="" type="checkbox"/>	
280.00	73.18	7.27	Gyro	<input checked="" type="checkbox"/>	
290.00	73.11	7.22	Gyro	<input checked="" type="checkbox"/>	
299.00	77.00	6.70	DeviSh ot	<input type="checkbox"/>	
300.00	73.23	7.05	Gyro	<input checked="" type="checkbox"/>	
310.00	73.27	7.01	Gyro	<input checked="" type="checkbox"/>	
320.00	73.20	6.86	Gyro	<input checked="" type="checkbox"/>	
330.00	73.23	6.91	Gyro	<input checked="" type="checkbox"/>	
340.00	73.24	6.76	Gyro	<input checked="" type="checkbox"/>	
349.00	76.50	6.20	DeviSh ot	<input type="checkbox"/>	
350.00	73.26	6.74	Gyro	<input checked="" type="checkbox"/>	
360.00	73.39	6.76	Gyro	<input checked="" type="checkbox"/>	
370.00	73.31	6.60	Gyro	<input checked="" type="checkbox"/>	
380.00	73.37	6.45	Gyro	<input checked="" type="checkbox"/>	
390.00	73.48	6.40	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
399.00	75.40	5.50	DeviSh ot	<input checked="" type="checkbox"/>	
449.00	75.63	5.05	DeviSh ot	<input checked="" type="checkbox"/>	
504.00	75.10	4.90	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

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Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	0.08	Feature 1									
		Type									
		ZCS <i>Casing_no_recovery</i>	□	0		0					
		QLF:									
		Shotcrete									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
0.08	2.20	Feature 1									
		Type									
		E0B <i>Komatiitic_basalt</i>	□	97		0	GNM			C	
		QLF: ALT FOL DEFS									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , well developed foliation/bx fabric @ 55-65 tca, strong pervassive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 65 tca.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 PCH									
		TLC 2 PCH									
		CHL 3 PRV									
		Structure:									
		2.19 - 2.20 Alpha: 65 Beta: 0									



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Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CD									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0	WHT	C				
		QLF: ALT FOL DEFS									
2.20	5.51	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND					
		QLF: MAS ALT MAG									
		Mafic Dyke: Fine-grained, dark brownish-green, massive textured, local bio alteration proximal to both contacts, strong pervasive chl alteration, weak fracturing @ 60-70 tca (1/m) and 20 tca (<1/m), weak (<1%) qtz-carb str/threads @ 30-35 tca, 1-2% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout, sharp contacts @ 65-60 tca.									
		Alteration :	Type/Intensity/Texture								
			CHL 3 PRV								
			BIO 2 LOC								
		Structure:									
		5.50 - 5.51	Alpha: 60		Beta: 0						
		Type/GEN/Intensity CD									
		Mineralization Maj. :	Type/GSZ%/HABIT								
		2.20 - 5.51	PY GS1 1 DIS								
			Comment								
			Mafic Dyke: 1-2% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.								



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Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	2.20 - 5.51	PO GS1 1 DIS									
		Mafic Dyke:1-2% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.									
5.51	39.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	☐	95	0	GNM	S				
		QLF: ALT SHD FTB									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, strong foliation/shear fabric @ 55 to 65 tca, increasing rubbly breccia textures (flow top breccia) downhole, strong deformation throughout with folding/fracturing/foliation/shear fabrics present @ 55 to 65 tca, badly broken core throughout with local narrow gouges, strong pervasive chl alteration and patchy talc alteration which increases downhole, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strrs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 50 tca.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 PCH									
		TLC 3 PCH									
		CHL 3 PRV									
		Structure:									
	9.00 - 11.00	Alpha: 55			Beta: 0						
		Type/GEN/Intensity	CA1:	CA2:							
		FLT5	35	45							
		SHD 3	35	65							
	38.99 - 39.00	Alpha: 50			Beta: 0						
		Type/GEN/Intensity	CA1:	CA2:							
		CD									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				



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Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		V3 Quartz_carbonate vein <input type="checkbox"/> 5 0 WHT S QLF: ALT SHD FTB																			
39.00	49.15	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS FRA Mafic Dyke: Fine-grained, dark brownish-green, massive textured, strong pervasive chl and weak patchy bio alteration, weak fracturing @ 45 to 70 tca (1-2/m), weak (<1%) white planar qtz-carb-calcite str/threads @ 30 to 55 tca, no visible mineralization, however weakly magnetitic throughout, sharp contacts @ 50 tca.	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND								
Type	Dyke	%	Thickness	Colour	Vein																
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND																	
		Alteration : <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>BIO 1 PCH</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </tbody> </table>	Type/Intensity/Texture	BIO 1 PCH	CHL 3 PRV																
Type/Intensity/Texture																					
BIO 1 PCH																					
CHL 3 PRV																					
		Structure: 49.14 - 49.15 Alpha: 50 Beta: 0 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/GEN/Intensity</th> <th style="text-align: left;">CA1:</th> <th style="text-align: left;">CA2:</th> </tr> </thead> <tbody> <tr> <td>CD</td> <td></td> <td></td> </tr> </tbody> </table>	Type/GEN/Intensity	CA1:	CA2:	CD															
Type/GEN/Intensity	CA1:	CA2:																			
CD																					
49.15	137.00	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> QLF: ALT FTB FRA Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), minor local pillow selveges and spinifex textures observed, strong deformation throughout with local folding/fracturing/foliation fabrics present @ 25 to 40 tca, badly broken core throughout	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD								
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD																	



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Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

with local ground core sections (bad ground from 76 to 118 m), strong pervasive chl alteration and patchy talc alteration which increases downhole becoming pervasive, veining consist of 1% irregular/ fragmented/boudinaged qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 50 tca, local curvilinear fractures @ 25 to 35 tca in sections of strong flow top bx which are infilled with talc-serpentine with strong slickenside development on fracture surfaces, no visible mineralization, local faulting from 125.6 to 126.9 m @ 60-65 tca with qtz-carb-act vnls infilling fault and additional faulting from 131.35 to 132 m @ 5-10 tca with chl-talc gouge, gradational lower contact into a strong pervasive talc altered Komatiite Basalt from 137 m onward.

Alteration :

Type/Intensity/Texture		
SRP	2	VND
TLC	3	PCH
CHL	3	PRV

Structure:

125.60 - 126.90	Alpha: 60	Beta: 0
	Type/GEN/Intensity	CA1: CA2:
	FLT 3	60 65

137.00 171.00 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0T Talc_rich_unit	<input type="checkbox"/>	0	0	GYL	

QLF: ALT MAS FRA

Komatiitic Basalt: As above with strong overprinting talc alteration, fine-grained, light grey colour, massive textured with minor local flow top bx textures, weak fracturing @ 40 to 55 tca (1-3/m), no significant veining or mineralization observed, local broken/ground core. The pervasive talc alteration begins to decrease from 162 to 171 m becoming somewhat patchy and there is a gradational contact into a chl-rich Komatiitic Basalt.

Alteration :

Type/Intensity/Texture		
SRP	2	VND
CHL	2	PCH



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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TLC 3 PRV

171.00	314.25	Feature 1	PED54396	313.40	314.25	0.85	0.08	0.075	-	-
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Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	☐	0	0	GND	

QLF: ALT SPN FTB

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), local pillow selveges with chert sutures and excellent spinifex textures observed throughout unit (best spinifex textures observed from 180 to 182m), strong fracturing present @ 10 to 30 tca (1-2/m) and 40 to 60 tca (1-2/m), badly broken core throughout with local ground core sections (bad ground from 186 to 192 m and from 223 to 231 m), strong pervassive chl alteration and patchy talc alteration which increases downhole, veining consist of 1% irregular/ fragmented/boudinaged qtz-carb strrs which are @ 40 to 50 tca, local curvilinear fractures @ 10 to 35 tca in sections of strong flow top bx which are infilled with chl-talc-serpentine with strong slickenslide development on fracture surfaces, no visible mineralization. Lower contact with Felsic Dyke sharp @ 70 tca.

Alteration : **Type/Intensity/Texture**

SRP 1 VND
TLC 2 PCH
CHL 3 PRV

Structure:

314.24 - 314.25 Alpha: 70 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CD



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Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
314.25	329.57	Feature 1	PED54397	314.25	315.00	0.75	0.15	0.154	-	-
		Type	PED54398	315.00	316.00	1.00	0.35	0.351	-	-
		I3 Felsic_intrusive	PED54399	316.00	317.00	1.00	0.51	0.505	-	-
		DLF: ALT MAS FRA	PED54400	317.00	318.00	1.00	0.30	0.297	-	-
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 20-25 tca (<1/m) and 50-60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb strs @ 15 to 25 tca and 60 to 70 tca, trace fine-gr dissem py., sharp contacts @ 70 and 85 tca.	PED54401	318.00	319.00	1.00	0.32	0.316	-	-
		Alteration :	PED54402	319.00	320.00	1.00	0.20	0.204	-	-
		Type/Intensity/Texture	PED54403	320.00	321.00	1.00	0.32	0.320	-	-
		CHL 1 FF	PED54404	321.00	322.00	1.00	0.60	0.604	-	-
		SIL 3 PRV	PED54405	322.00	323.00	1.00	0.28	0.275	-	-
		BIO 2 PCH	PED54406	323.00	324.00	1.00	0.41	0.409	-	-
		Structure:	PED54407	324.00	325.00	1.00	0.24	0.243	-	-
		329.56 - 329.57 Alpha: 80 Beta: 0	PED54409	325.00	326.00	1.00	0.49	0.488	-	-
		Type/GEN/Intensity	PED54410	326.00	327.00	1.00	0.41	0.413	-	-
		CD CA1: CA2:	PED54411	327.00	328.00	1.00	0.44	0.438	-	-
			PED54412	328.00	329.00	1.00	0.24	0.240	-	-
			PED54414	329.00	329.57	0.57	0.14	0.142	-	-
329.57	336.42	Feature 1	PED54415	329.57	330.50	0.93	0.02	0.024	-	-
		Type	PED54416	330.50	331.27	0.77	0.09	0.094	-	-
		E0B Komatiitic_basalt	PED54417	331.27	332.00	0.73	0.01	0.013	-	-
		DLF: ALT MAS GS1	PED54418	332.00	333.00	1.00	0.76	0.761	-	-
		Komatiitic Basalt: Fine-grained, dark greenish-brown colour, massive textured, strong pervassive chl alteration, weak patchy talc and local banded bio alteration from 330 to 333 m, weak fracturing present @ 10 to 25 tca (<1/m) and 60 to 65 tca (1-2/m), veining consist of <1% planar qtz-carb strs which are @ 80-85 tca, no visible mineralization. Lower contact with Felsic Dyke sharp @ 90 tca.	PED54419	333.00	334.00	1.00	0.02	0.016	-	-
		Alteration :	PED54420	334.00	335.00	1.00	0.00	<0.005	-	-
		Type/Intensity/Texture	PED54421	335.00	336.00	1.00	0.06	0.056	-	-
		TLC 2 PCH	PED54422	336.00	336.42	0.42	0.03	0.034	-	-
		BIO 2 BAN								
		CHL 3 PRV								



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
Structure:											
	336.41 - 336.42	Alpha: 90 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
336.42	344.50	Feature 1	PED54423	336.42	337.00	0.58	0.17	0.167	-	-	
		Type	PED54424	337.00	338.00	1.00	0.22	0.224	-	-	
		I3 Felsic_intrusive	PED54426	338.00	339.00	1.00	0.45	0.447	-	-	
		QLF: ALT FRA MAS	PED54427	339.00	340.00	1.00	0.15	0.148	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 15-25 tca (<1/m) and 50-60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local broken core, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb strs @ 5 to 25 tca and 60 to 70 tca, trace fine-gr dissem py., sharp contacts @ 90 and 74 tca.	PED54428	340.00	341.00	1.00	0.39	0.387	-	-	
			PED54429	341.00	342.00	1.00	0.37	0.368	-	-	
			PED54430	342.00	343.00	1.00	0.18	0.183	-	-	
			PED54432	343.00	344.00	1.00	0.23	0.232	-	-	
			PED54433	344.00	344.50	0.50	0.13	0.132	-	-	
Alteration :											
		Type/Intensity/Texture									
		CHL 1 FF									
		SIL 3 PRV									
		BIO 3 PCH									
Structure:											
	344.49 - 344.50	Alpha: 74 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
Feature 2:											
		Type									
		V2 Quartz_vein									
		QLF: ALT FRA MAS									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
344.50	346.26	Feature 1	PED54434	344.50	345.50	1.00	0.02	0.017	-	-	
		Type	PED54435	345.50	346.26	0.76	0.15	0.149	-	-	
		E0B Komatiitic_basalt									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour GND									
		Vein									
		QLF: ALT GS1 MAS									
		Komatiitic Basalt: Fine-grained, dark green colour, massive textured, strong pervassive chl alteration, weak patchy silica-bio alteration, weak fracturing present @ 20 tca (<1/m) and 30 tca (1/m), veining consist of <1% planar qtz-carb str which are @ 20-25 tca, no visible mineralization. Lower contact with High-Ti Basalt sharp @ 50 tca.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 PCH									
		SIL 2 PCH									
		CHL 3 PRV									
		Structure:									
		346.25 - 346.26									
		Alpha: 50									
		Beta: 0									
		Type/GEN/Intensity									
		CS									
		CA1:									
		CA2:									
346.26	347.50	Feature 1	PED54436	346.26	347.00	0.74	0.03	0.031	-	-	
		Type	PED54437	347.00	347.50	0.50	0.02	0.018	-	-	
		E1H High_titanium_basalt									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour GNM									
		Vein									
		QLF: ALT MAS FRA									
		High-Ti Basalt: Fine-grained, massive textured, greenish-brown colour, strong pervassive chl alteration and weak patchy silica-bio alteration, weak fracturing @ 30 & 50 tca (1-2/m), minor veining (<1%) qtz-carb str @ 20 tca, trace mineralization as po threads infilling fractures @ 20-30 tca, lower contact with breccia vein sharp @ 35 tca.									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		<p>Alteration : Type/Intensity/Texture</p> <p>BIO 1 PCH</p> <p>SIL 2 PRV</p> <p>CHL 3 PRV</p>										
		<p>Structure:</p> <p>347.49 - 347.50 Alpha: 35 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CV</p>										
347.50	347.83	<p>Feature 1</p>	PED54438	347.50	348.00	0.50	0.14	0.144	-	-		
		<p style="text-align: center;">Type Dyke % Thickness Colour Vein</p> <p>V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 0 0 BNM F</p>										
		<p>QLF: ALT BRX MIN</p> <p>Breccia Vein (32 cm wide): silicified, greyish-white containing fragments of bio altered Basalt, 1-2% dissem / blebs of po-py, sharp contacts @ 35-50 tca.</p>										
		<p>Alteration : Type/Intensity/Texture</p> <p>AC 2 VND</p> <p>BIO 2 LOC</p> <p>SIL 3 PRV</p>										
		<p>Structure:</p> <p>347.82 - 347.83 Alpha: 50 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CV</p>										
		<p>Mineralization Maj. : Type/GSZ%/HABIT Comment</p> <p>347.50 - PY GS1 1 DIS Breccia Vein: 1-2% dissem / blebs of po-py.</p>										



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Project Number: 2

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
	347.83										
	347.50 - 347.83	PO GS1 1 DIS Breccia Vein: 1-2% dissem / blebs of po-py.									
347.83	353.33	Feature 1	PED54440	348.00	349.00	1.00	0.06	0.062	-	-	
			PED54441	349.00	349.50	0.50	0.12	0.122	-	-	
			PED54443	349.50	350.00	0.50	0.52	0.518	-	-	
			PED54444	350.00	350.50	0.50	0.25	0.245	-	-	
			PED54445	350.50	351.00	0.50	0.64	0.637	-	-	
			PED54446	351.00	351.50	0.50	0.48	0.475	-	-	
			PED54447	351.50	352.00	0.50	0.49	0.491	-	-	
			PED54448	352.00	352.30	0.30	2.62	2.620	-	-	
			PED54449	352.30	353.33	1.03	1.36	1.360	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		SIL 3 PRV									
		BIO 2 PCH									
		Structure:									
	353.32 - 353.33	Alpha: 60	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		CS									
		Mineralization Maj. :	Type/GSZ%/HABIT								
	347.83 - 353.33		PY GS1 1 DIS								
	347.83 - 353.33		PO GS1 1 DIS								



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- Detailed -

Hole Number **610L-17-09**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
353.33	371.40	Feature 1	PED54450	353.33	354.00	0.67	0.98	0.978	-	-
		Type	PED54451	366.00	367.00	1.00	0.00	<0.005	-	-
		E0B Komatiitic_basalt	PED54452	367.00	367.50	0.50	0.00	<0.005	-	-
		QLF: ALT MAS FRA	PED54453	367.50	368.00	0.50	0.01	0.010	-	-
		Komatiitic Basalt: Fine-grained, light greenish-grey colour, massive textured, strong pervasive chl alteration, local strong talc alteration and local carbonate alteration downhole, weak fracturing present @ 50 tca (1-2/m) and 30-35 tca (<1/m), veining consist of 1-2% planar to irregular qtz-carb strs which are @ 30 to 55 tca, no visible mineralization. Lower contact with High-Ti Basalt / Metasediments sharp @ 80 tca.	PED54454	368.00	369.00	1.00	0.01	0.009	-	-
			PED54455	369.00	370.00	1.00	0.01	0.008	-	-
			PED54456	370.00	371.00	1.00	0.01	0.010	-	-
			PED54457	371.00	371.40	0.40	0.03	0.033	-	-
		Alteration :								
		Type/Intensity/Texture								
		CB 2 PCH								
		TLC 2 PCH								
		CHL 3 PRV								
		Feature 2:								
		Type								
		V3 Quartz_carbonate vein								
		QLF: ALT MAS FRA								
371.40	374.82	Feature 1	PED54458	371.40	372.00	0.60	0.03	0.025	-	-
		Type	PED54460	372.00	372.60	0.60	0.02	0.021	-	-
		E0B Komatiitic_basalt	PED54461	372.60	373.10	0.50	0.01	0.007	-	-
		QLF: ALT BAN VND	PED54462	373.10	374.00	0.90	0.03	0.029	-	-
		altered basaltic komatiite (Interflow Metasediments?): Fine-grained, strongly banded on a mm to cm scale with alternating bands of bio-chl rich layers and qtz-carb-act strs/threads (25-30%) varying from 10 to 60 tca (the orientation of the layering begins with 50-60 tca and becomes shallow at 10-20 tca downhole), locally at 371.83 m the banding is highly contorted/folded/disrupted and crosscut by blackline faulting @ 60 tca , strong bio-silica-chl-carb alteration, weak fracturing @ 50 tca parallel to local banding, no significant	PED54464	374.00	374.82	0.82	0.03	0.034	-	-



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Hole Number **610L-17-09**

Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)													
		<p>mineralization only rare trace disseminated fine-grained po-py, (this unit has the appearance of a metasedimentary unit rather than a sheared High-Ti Basalt), lower contact with strongly altered felsic dyke is broken.</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">CB 3 PRV</p> <p style="padding-left: 40px;">SIL 3 PRV</p> <p style="padding-left: 40px;">BIO 3 BAN</p> <p>Structure:</p> <p>371.82 - 371.83 Alpha: 60 Beta: 0</p> <p style="padding-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">FLT1</p> <p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">30</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> <p>QLF: ALT BAN VND</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">CB 3 VND</p> <p style="padding-left: 40px;">AC 1 VND</p>											Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	30	0	GYM	S
Type	Dyke	%	Thickness	Colour	Vein																			
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	30	0	GYM	S																			
374.82	376.80	Feature 1	PED54465	374.82	376.00	1.18	0.06	0.062	-	-														
		Type	Dyke	%	Thickness	Colour	Vein																	
		I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	BNM	S	0.07	0.068	-	-													
		<p>QLF: ALT VND GS1</p> <p>Felsic Dyke: Fine-grained, dark mottled brownish-green colour, totally overprinted with strong pervasive bio-silica alteration, massive textured, 1-2% sil'd grey planar/fragmented qtz-carb-act str @ 15 tca, 1-2% mineralization as blebs of po>py infilling fracture surfaces @ 40 to 75 tca, lower contact somewhat difficult to distinguish due to strong alteration.</p>																						



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)								
		Alteration :	Type/Intensity/Texture																
			CHL 2 FF																
			SIL 3 PRV																
			BIO 3 PRV																
		Mineralization Maj. :	Type/GSZ%/HABIT																
			374.82 - PY GS1 0.5 FRA																
			376.80																
			374.82 - PO GS1 1.5 BLB																
			376.80																
			Comment																
			Felsic Dyke?:1-2% mineralization as blebs of po>py infilling fracture surfaces @ 40 to 75 tca.																
			Felsic Dyke?:1-2% mineralization as blebs of po>py infilling fracture surfaces @ 40 to 75 tca.																
		Feature 2:																	
			Type	Dyke	%	Thickness	Colour	Vein											
		V2A	Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	2	0	GYM	S											
		QLF:	ALT VND GS1																
		Alteration :	Type/Intensity/Texture																
			SIL 3 PRV																
376.80	382.80	Feature 1																	
			Type	Dyke	%	Thickness	Colour	Vein											
		E0B	Komatiitic_basalt	<input type="checkbox"/>	0	0	BNM	S	PED54468	376.80	378.00	1.20	1.10	1.100	-	-			
		QLF:	ALT BAN BRX																
			Altered basaltic komatiite (Interflow Metasediments?): As above, fine-grained, brownish-green colour, strongly banded on a mm to cm scale with alternating bands of bio-chl rich layers and qtz-carb-act strs/threads (25-30%) varying from 10 to 20 tca, the banding is becomes strongly contorted/disrupted and locally folded , strong bio-silica-chl-carb alteration, weak fracturing @ 20 and 50 tca (1/m), the unit is brecciated from 381.5 to 382.80 m with a strong breccia fabric @ 50 tca, mineralization consisting of 1-2% dissem to blebs of po>py occur within the breccia zone, local crosscutting fracturing @ 5-10 tca, lower contact with Gabbro Dyke @ 80 tca.																
			PED54469										378.00	379.00	1.00	0.08	0.078	-	-
			PED54470										379.00	380.00	1.00	0.07	0.066	-	-
			PED54471										380.00	381.00	1.00	0.18	0.179	-	-
			PED54472										381.00	382.00	1.00	0.59	0.586	-	-
			PED54473										382.00	382.80	0.80	0.77	0.771	-	-



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Alteration :	Type/Intensity/Texture									
			CB 2 PRV									
			SIL 3 PRV									
			BIO 3 PRV									
		Structure:										
381.50 - 382.80		Alpha: 50	Beta: 0									
		Type/GEN/Intensity	CA1:	CA2:								
		FLT2 3	50	60								
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment								
381.50 - 382.80		PY GS1 0.5 DIS	Interflow Metasediments: mineralization consisting of 1-2% disseminated blebs of po>py occur within the breccia zone.									
381.50 - 382.80		PO GS1 1.5 BLB	Interflow Metasediments: mineralization consisting of 1-2% disseminated blebs of po>py occur within the breccia zone.									
382.80	394.30	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK	S					
		QLF:	MAS FRA BLK									
		Gabbro Dyke: Med to fine-grained, dark green to black colour, massive textured, strong pervasive chl-carb alteration, weak patchy silica-bio alteration, 1% planar whitish qtz-carb-act veining @ 25 to 35 tca and 65 to 75 tca, weak fracturing @ 35-50 tca (1-2/m), local badly broken/ground core, no visible mineralization but weakly magnetic throughout. This unit may possibly represent a feeder dyke/sill to the Komatiitic Basalt unit? Lower contact sharp @ 60 tca.										
		Alteration :	Type/Intensity/Texture									
			CB 2 PRV									
			BIO 1 PCH									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 2 PRV									
394.30	397.05	Feature 1	PED54476	394.30	395.00	0.70	0.44	0.436	-	-	
		Type	PED54477	395.00	396.00	1.00	0.82	0.815	-	-	
		E1H High_titanium_basalt	PED54479	396.00	397.05	1.05	0.11	0.114	-	-	
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour BNM Vein S									
		QLF: ALT FOL GS1									
		High-Ti Basalt (Garnetiferous): Fine-grained, dark brown colour with 1% garnets (2-5 mm) as scattered disseminations to locally concentrated into bands which locally defines a weakly developed foliation @ 55-65 tca, strong pervasive silica-bio alteration, weak fracturing @ 10-15 tca (<1/m) and 50-60 tca, 2-3% qtz-carb-act thrs/strs @ 50 to 60 tca, 1% str/disse of po-py, lower contact with Interflow Metasediments is faulted @ 27 tca.									
		Alteration :									
		Type/Intensity/Texture									
		GRN 1 SPT									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		397.04 - 397.05	Alpha: 27	Beta: 0							
		Type/GEN/Intensity									
		CT									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		PY GS1 0.5 DIS									
		PO GS1 0.5 DIS									
			Comment								
		394.30 - 397.05	High-Ti Basalt:1% str/disse of po-py								
		394.30 - 397.05	High-Ti Basalt:1% str/disse of po-py								



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA																																											
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)																																										
397.05	398.58	Feature 1	PED54480	397.05	398.00	0.95	0.35	0.345	-	-																																											
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">75</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td style="text-align: center;">S</td> </tr> </table> <p>QLF: ALT BAN FLT</p> <p>Altered basaltic komatiite (Interflow Metasediments?): Fault bound block of fine-grained, brownish-green colour, strongly banded on a mm to cm scale with alternating bands of bio-chl rich layers and qtz-carb-act strs/threads (25-30%) varying from 10 to 20 tca, the banding is becomes strongly contorted/disrupted and locally folded due to crosscutting faults @ 55-65 tca, strong bio-silica-chl-carb alteration, weak fracturing @ 30-40 tca (1/m), mineralization consisting of trace dissem po>py, both contacts faulted @ 27 and 80 tca.</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> </tr> <tr> <td>CB 2 PRV</td> </tr> <tr> <td>SIL 3 PRV</td> </tr> <tr> <td>BIO 3 PRV</td> </tr> </table> <p>Structure:</p> <table border="0"> <tr> <td>397.69 - 397.70</td> <td>Alpha: 65</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>FLT1</td> <td></td> </tr> <tr> <td>398.34 - 398.35</td> <td>Alpha: 56</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>FLT1</td> <td></td> </tr> <tr> <td>398.57 - 398.58</td> <td>Alpha: 80</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CT</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	75	0	BNM	S	Type/Intensity/Texture	CB 2 PRV	SIL 3 PRV	BIO 3 PRV	397.69 - 397.70	Alpha: 65	Beta: 0		Type/GEN/Intensity	CA1: CA2:		FLT1		398.34 - 398.35	Alpha: 56	Beta: 0		Type/GEN/Intensity	CA1: CA2:		FLT1		398.57 - 398.58	Alpha: 80	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CT		PED54482	398.00	398.68	0.68	1.74	1.740	-	-
Type	Dyke	%	Thickness	Colour	Vein																																																
E0B Komatiitic_basalt	<input type="checkbox"/>	75	0	BNM	S																																																
Type/Intensity/Texture																																																					
CB 2 PRV																																																					
SIL 3 PRV																																																					
BIO 3 PRV																																																					
397.69 - 397.70	Alpha: 65	Beta: 0																																																			
	Type/GEN/Intensity	CA1: CA2:																																																			
	FLT1																																																				
398.34 - 398.35	Alpha: 56	Beta: 0																																																			
	Type/GEN/Intensity	CA1: CA2:																																																			
	FLT1																																																				
398.57 - 398.58	Alpha: 80	Beta: 0																																																			
	Type/GEN/Intensity	CA1: CA2:																																																			
	CT																																																				
		Feature 2:																																																			
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">25</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">S</td> </tr> </table> <p>QLF: ALT BAN FLT</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	25	0	GYM	S																																							
Type	Dyke	%	Thickness	Colour	Vein																																																
V3 Quartz_carbonate vein	<input type="checkbox"/>	25	0	GYM	S																																																



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
398.58	399.68	Feature 1	PED54483	398.68	399.68	1.00	0.33	0.327	-	-
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT MAS FRA</p> <p>High-Ti Basalt: Fine-grained, dark brown colour, massive textured, weakly fractured @ 25 tca (1/m), no significant veining or mineralization, local broken/ground core, sharp lower contact with Komatiitic Basalt sharp @ 75 tca.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 1 PCH</p> <p>SIL 3 PRV</p> <p>BIO 3 PRV</p>								
		<p>Dyke % Thickness Colour Vein</p> <p>□ 0 0 BNM</p>								
399.68	415.20	Feature 1	PED54484	399.68	400.50	0.82	0.02	0.016	-	-
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, light greenish-grey colour, massive textured, strong pervasive chl alteration, local strong patchy talc alteration and patchy carbonate alteration, weak fracturing present @ 15-20 tca (<1/m), veining consist of 1-2% planar to irregular qtz-carb-act strs which are @ 30 to 55 tca, local (<1%) grey sil'd planar qtz-carb-act strs @ 20-25 tca, no visible mineralization. Lower contact with Mafic Dyke sharp @ 55 tca.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CB 2 PCH</p> <p>TLC 2 PCH</p>								
		<p>Dyke % Thickness Colour Vein</p> <p>□ 98 0 GNM S</p>	PED54485	400.50	401.00	0.50	0.01	0.010	-	-
			PED54486	401.00	402.00	1.00	0.02	0.016	-	-
			PED54487	402.00	402.50	0.50	0.02	0.015	-	-
			PED54488	402.50	403.50	1.00	0.03	0.026	-	-
			PED54489	403.50	404.50	1.00	0.02	0.016	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	415.19 - 415.20	Alpha: 55 <i>Type/GEN/Intensity</i> CD									
		Beta: 0 <i>CA1: CA2:</i>									
		Feature 2:									
		<i>Type</i>	<i>Dyke</i>	%	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	2	0	WHT	S				
		<i>QLF:</i> ALT MAS FRA									
		Alteration : <i>Type/Intensity/Texture</i>									
		AC 2 VND									
		SIL 2 PCH									
415.20	417.48	Feature 1									
		<i>Type</i>	<i>Dyke</i>	%	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND					
		<i>QLF:</i> ALT MAS FRA									
		Mafic Dyke: Fine-grained, dark brownish-green, massive textured, strong pervassive chl and weak patchy bio alteration, weak fracturing @ 15 to 25 tca (1/m), weak (<1%) white planar qtz-carb-calcite str/threads @ 45 tca, no visible mineralization, however weakly magnetitic throughout, sharp contacts @ 55 & 75 tca.									
		Alteration : <i>Type/Intensity/Texture</i>									
		AMP									
		BIO 1 PCH									
		CHL 3 PRV									
		Structure:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	417.47 - 417.48	Alpha: 75 Type/GEN/Intensity CD								
		Beta: 0 CA1: CA2:								
417.48	497.28	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM				
		QLF: ALT MAS FRA								
		Komatiitic Basalt: Fine-grained, light greenish-grey colour, massive textured to locally weakly foliated @ 25-35 tca, strong pervasive chl alteration, local strong patchy talc alteration and patchy carbonate alteration, weak fracturing present @ 20-30 tca (<1/m) and 50-60 tca (1-2/m), veining consist of 1-2% planar to irregular qtz-carb-act strs which are @ 30 to 55 tca, local the strs are altered with serpentine, no visible mineralization. Lower contact with Gabbro Dyke @ 65 tca.								
		Alteration :	Type/Intensity/Texture							
			SRP 2 VND							
			TLC 2 PCH							
			CHL 3 PRV							
		Structure:								
	497.27 - 497.28	Alpha: 65 Type/GEN/Intensity CD								
		Beta: 0 CA1: CA2:								
497.28	504.00	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK				
		QLF: ALT MAS								



LITHOLOGY REPORT

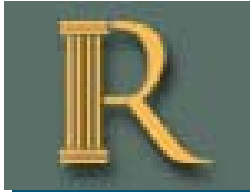
- Detailed -

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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		Gabbro Dyke: Med to fine-grained, dark green to black colour, massive textured, strong pervassive chl-carb alteration, <1% planar whitish calcite strs @ 65 tca, weak fracturing @ 45-50 tca (1-2/m), no visible mineralization but weakly magnetitic throughout. E.O.H @ 504 m.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		CB 2 PRV									
		CHL 3 PRV									



DRILL HOLE REPORT

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 72.02	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysage
Dip: 14.75	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 543	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 03-Jul-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 11-Jul-17				Surveyed: yes
Logged: 30-Jul-17				Surveyed by: Mark Cottrell
Comment: Line7: Stabilized-Hexagonal core barrel, entire hole. Hole shut down at 543m tracking toward claim boundary				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10041.38	East: 448148.73	Left in hole:
		North: 49931.561	North: 5663885.2	Making water: no
		Elev.: 4763.503	Elev.: -236.5	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	72.02	14.75	C	<input checked="" type="checkbox"/>	
10.00	72.07	14.75	Gyro	<input checked="" type="checkbox"/>	
15.00	75.40	14.44	DeviSh ot	<input type="checkbox"/>	5 degrees out
20.00	72.30	14.60	Gyro	<input checked="" type="checkbox"/>	
30.00	72.44	14.49	Gyro	<input checked="" type="checkbox"/>	
40.00	72.51	14.53	Gyro	<input checked="" type="checkbox"/>	
50.00	72.60	14.47	Gyro	<input checked="" type="checkbox"/>	
51.00	75.85	13.98	DeviSh ot	<input type="checkbox"/>	5 degrees out
60.00	72.71	14.35	Gyro	<input checked="" type="checkbox"/>	
70.00	72.70	14.31	Gyro	<input checked="" type="checkbox"/>	
80.00	72.82	14.28	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
90.00	72.90	14.22	Gyro	<input checked="" type="checkbox"/>	
100.00	73.08	14.20	Gyro	<input checked="" type="checkbox"/>	
102.00	68.20	13.70	DeviSh ot	<input type="checkbox"/>	???
110.00	73.12	14.31	Gyro	<input checked="" type="checkbox"/>	
120.00	73.18	14.23	Gyro	<input checked="" type="checkbox"/>	
130.00	73.39	14.18	Gyro	<input checked="" type="checkbox"/>	
140.00	73.47	14.11	Gyro	<input checked="" type="checkbox"/>	
149.00	70.60	13.50	DeviSh ot	<input type="checkbox"/>	
150.00	73.59	14.05	Gyro	<input checked="" type="checkbox"/>	
160.00	73.73	13.89	Gyro	<input checked="" type="checkbox"/>	
170.00	73.88	13.84	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-10

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
180.00	74.18	13.58	Gyro	<input checked="" type="checkbox"/>	
190.00	74.46	13.41	Gyro	<input checked="" type="checkbox"/>	
200.00	74.77	13.42	Gyro	<input checked="" type="checkbox"/>	
201.00	72.10	12.90	DeviShot	<input type="checkbox"/>	
210.00	75.04	13.52	Gyro	<input checked="" type="checkbox"/>	
220.00	75.25	13.27	Gyro	<input checked="" type="checkbox"/>	
230.00	75.48	13.14	Gyro	<input checked="" type="checkbox"/>	
240.00	75.60	12.98	Gyro	<input checked="" type="checkbox"/>	
250.00	75.83	12.78	Gyro	<input checked="" type="checkbox"/>	
252.00	75.15	12.28	DeviShot	<input type="checkbox"/>	
260.00	76.14	12.65	Gyro	<input checked="" type="checkbox"/>	
270.00	76.35	12.57	Gyro	<input checked="" type="checkbox"/>	
280.00	76.56	12.39	Gyro	<input checked="" type="checkbox"/>	
290.00	76.50	12.38	Gyro	<input checked="" type="checkbox"/>	
299.00	80.90	11.80	DeviShot	<input type="checkbox"/>	6 degrees in 50m
300.00	76.51	12.21	Gyro	<input checked="" type="checkbox"/>	
310.00	76.73	12.04	Gyro	<input checked="" type="checkbox"/>	
320.00	76.88	11.92	Gyro	<input checked="" type="checkbox"/>	
330.00	76.92	11.94	Gyro	<input checked="" type="checkbox"/>	
340.00	76.96	11.89	Gyro	<input checked="" type="checkbox"/>	
350.00	77.11	11.83	Gyro	<input checked="" type="checkbox"/>	
351.00	240.60	11.20	DeviShot	<input type="checkbox"/>	No Good
360.00	77.16	11.85	Gyro	<input checked="" type="checkbox"/>	
370.00	77.19	11.87	Gyro	<input checked="" type="checkbox"/>	
380.00	77.20	11.82	Gyro	<input checked="" type="checkbox"/>	
390.00	77.28	11.72	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
402.00	81.59	11.02	DeviShot	<input type="checkbox"/>	
449.00	80.10	10.40	DeviShot	<input type="checkbox"/>	
501.00	79.58	9.64	DeviShot	<input type="checkbox"/>	
543.00	81.70	7.90	DeviShot	<input type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.20	Feature 1	PED65007	1.20	2.20	1.00	0.02	0.023	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> % 0 Thickness 0 Colour GND Vein</p> <p>QLF: ALT VND FOL</p> <p>komatiitic basalt: dark green, fine grained, strong prv bi alt; strong patchy talc alt, massive to weak foliation at 55 - 60 tca parallel to deformed/boudinaged/ folded qtz-carb-act veins; Po contained within veining, smooth planar joints (2-3/m) at 30 - 60 tca, sharp contact with mafic dyke at 2.20 m @ 70 tca,</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">TLC 3 PCH</p> <p style="padding-left: 40px;">BIO 3 PRV</p>									
		Feature 2:									
		<p style="text-align: center;">Type</p> <p>V2A Quartz_carb_actinolite_vein <input type="checkbox"/> % 10 Thickness 0 Colour WHT Vein L</p> <p>QLF: ALT VND FOL</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">SUL 1 VND</p> <p style="padding-left: 40px;">AC 2 VND</p>									
2.20	5.53	Feature 1	PED65008	2.20	3.20	1.00	0.01	0.007	-	-	
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BLK Vein</p> <p>QLF: ALT MAS MIN</p> <p>mafic dyke: black, fine grained, massive, strong prv amp-bi alt, minor slightly deformed/ planar carb veinlets (1-2/m @ 30 tca); carbonate fracture filling at top and bottom contacts, 3-5 % Po-py mineralization; dissmeminated and threaded, sharp contact with E0B at 5.53 @ 60 tca</p>	PED65009	3.20	4.20	1.00	0.22	0.218	-	-	
			PED65010	4.20	4.85	0.65	0.01	0.007	-	-	
			PED65011	4.85	5.50	0.65	0.00	<0.005	-	-	



LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>(ppm)</i>	<i>FAG</i> <i>(ppm)</i>	<i>MS</i> <i>(ppm)</i>	<i>FAA</i> <i>(ppb)</i>
		Alteration : Type/Intensity/Texture									
		CB 1 VND									
		AMP 3 PRV									
		BIO 3 PRV									
		Structure:									
2.20 - 2.20		Alpha: 70 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CD 3									
		Mineralization Maj. : Type/GSZ%/HABIT Comment									
2.20 - 5.53		PY GS1 2 DIS	3-5 % Po-py mineralization; dissminated and threaded								
2.20 - 5.53		AS GS1 3 DIS	3-5 % Po-py mineralization; dissminated and threaded								
5.53	32.07	Feature 1	PED65013	5.50	6.50	1.00	0.02	0.020	-	-	
		Type	PED65014	6.50	7.00	0.50	0.00	<0.005	-	-	
		E0B Komatiitic_basalt Dyke % Thickness Colour Vein	PED65015	7.00	8.00	1.00	0.00	<0.005	-	-	
		QLF: ALT VND FTB	PED65016	8.00	9.00	1.00	0.01	0.012	-	-	
		komatiitic basalt: dark green, fine grained, strong prv bi-amp-talc alt, foliation congruent to strong fold/shear deformation fabric from 10 - 80 tca, 10% folded/ boudinaged qtz-carb stringers and veinlets (30 - 70 tca); fine grained Po-py within veining , annealed shear zone from 17.30 m - 21 m @ 10 - 30 tca, smooth planar fracture surfaces at 45 - 70 tca with badly broken/ disced zone from 26.80 - 27 . 50 m, zones of flow top breccia (carb fracture infill)d, sharp contact at 32.07 m @ 50 tca with mafic dyke; 4cm fault gouge at contact	PED65017	9.00	10.00	1.00	0.00	<0.005	-	-	
			PED65018	10.00	11.00	1.00	0.00	<0.005	-	-	
			PED65019	11.00	12.00	1.00	0.00	<0.005	-	-	
			PED65021	12.00	13.00	1.00	0.00	<0.005	-	-	
			PED65022	13.00	14.00	1.00	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture	PED65023	14.00	15.00	1.00	0.08	0.075	-	-	
		TLC 3 PRV	PED65025	15.00	16.00	1.00	0.01	0.014	-	-	
		CHL 2 PRV	PED65026	16.00	17.00	1.00	0.00	<0.005	-	-	
		BIO 3 PRV	PED65027	17.00	18.00	1.00	0.00	<0.005	-	-	
		Structure:									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology		Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	5.53 - 5.53	Alpha: 60 Type/GEN/Intensity CS 3	Beta: 0 CA1: CA2:	PED65028	18.00	19.00	1.00	0.01	0.008	-	-	
				PED65029	19.00	20.00	1.00	0.02	0.022	-	-	
				PED65030	20.00	21.00	1.00	0.02	0.019	-	-	
	17.30 - 21.00	Alpha: 20 Type/GEN/Intensity SHD 3	Beta: 0 CA1: CA2: 10 30	PED65032	21.00	22.00	1.00	0.01	0.008	-	-	
				PED65033	22.00	23.00	1.00	0.01	0.009	-	-	
				PED65034	23.00	24.00	1.00	0.01	0.012	-	-	
				PED65035	24.00	25.00	1.00	0.01	0.008	-	-	
	5.54 - 32.07	Mineralization Maj. : Type/GSZ%/HABIT SU GS1 1 DIS	Comment py-po blebed on fracture surfaces, disseminated in veins	PED65036	25.00	26.00	1.00	0.01	0.012	-	-	
				PED65037	26.00	27.00	1.00	0.00	<0.005	-	-	
				PED65038	27.00	28.00	1.00	0.00	<0.005	-	-	
				PED65039	28.00	29.00	1.00	0.00	<0.005	-	-	
				PED65040	29.00	30.00	1.00	0.00	<0.005	-	-	
				PED65041	30.00	31.00	1.00	0.00	<0.005	-	-	
				PED65042	31.00	32.07	1.07	0.02	0.017	-	-	
32.07	32.70	Feature 1		PED65043	32.07	32.70	0.63	0.01	0.011	-	-	
		Type I1 Mafic_intrusive	Dyke % Thickness Colour Vein <input checked="" type="checkbox"/> 0 0 BLK									
		QLF: ALT MAS GS1										
		mafic dyke: black, fine grained, massive, strong prv bi-amp alt; serpentized contact margins at upper and lower contacts, minor chaotic carbonate threads, trace 1mm pyrite blebs, sharp contact at 32.70 m @ 35 tca										
		Alteration : Type/Intensity/Texture CB 1 VND AMP 3 PRV BIO 3 PRV										
		Structure:										
	32.07 - 32.07	Alpha: 50 Type/GEN/Intensity	Beta: 0 CA1: CA2:									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	32.07 - 32.11	Alpha: 50 Type/GEN/Intensity FLT5 3 Beta: 0 CA1: CA2:									
32.70	40.12	Feature 1	PED65045	32.70	33.50	0.80	0.00	<0.005	-	-	
		Type	PED65046	33.50	34.00	0.50	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED65047	34.00	35.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt □ 0 0 GND	PED65048	35.00	36.00	1.00	0.00	<0.005	-	-	
		QLF: ALT DEFW FTB	PED65049	36.00	37.00	1.00	0.01	0.006	-	-	
		komatiitic basalt: dark green, fine grained, massive, weakly deformed, serpentinized; strong prv bi alt; moderate patchy talc; prevalent chl alt 1 meter from downhole contact with mafic intrusive, flow top breccia textures throughout; carb + srp fracture infill, fault zone from 34.70 - 38.50 m with gouge from 37.60 - 37.80 m and 38.10 - 38.20 m; smooth planar fractures @ 20 - 60, no significant veining or mineralization, sharp contact at 40.12 m @ 60 tca	PED65351	37.00	38.00	1.00	0.01	0.007	-	-	
			PED65352	38.00	39.00	1.00	0.00	<0.005	-	-	
			PED65353	39.00	40.12	1.12	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture									
		SRP 2 LOC									
		TLC 2 PCH									
		BIO 3 PRV									
		Structure:									
	32.70 - 32.70	Alpha: 35 Type/GEN/Intensity CS 3 Beta: 0 CA1: CA2:									
	34.70 - 38.50	Alpha: 40 Type/GEN/Intensity FLT5 2 FLT 2 Beta: 0 CA1: CA2: 20 60									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
40.12	49.70	Feature 1	PED65354	40.12	41.00	0.88	0.01	0.008	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">I1 Mafic_intrusive</p> <p style="margin-left: 20px;">QLF:</p> <p style="margin-left: 20px;">mafic dyke: black to dark grey, fine grained, massive, strong prv bi+amp alt, minor carbonate stringers and veinlets (2-3/m @ 10 - 40 tca), <1mm 5% feldspar (albite?) pheno's proximal to middle of dyke; not present near top and bottom contacts, calcite vein at 47 m @ 10 tca, trace disseminated pyrite, sharp contact with EOB at 49.70 m @ 15 tca</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO</p> <p style="margin-left: 20px;">Structure:</p> <p style="margin-left: 20px;">46.80 - 47.00 Alpha: 10 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">V1B 3</p>									
49.70	165.00	Feature 1	PED65355	104.70	105.30	0.60	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0B Komatiitic_basalt</p> <p style="margin-left: 20px;">QLF: ALT FTB DEFW</p> <p style="margin-left: 20px;">komatiitic basalt: dark green, fine grained, massive, weakly deformed, serpentinized; strong prv bi alt; moderate patchy talc, flow top breccia textures throughout; carb + srp fracture infill, strongly fractured throughout (5 - 10 /m from 50 - 103 m); smooth planar fractures @ 20 - 60, 3% folded/boudinaged qtz-carb veinlets (3-4/m @20 - 40 tca, sulphides blebed on slicked fracture surfaces, sharp contact at</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SRP 2 VND</p>	PED65356	105.30	106.30	1.00	0.00	<0.005	-	-	
			PED65357	134.80	135.20	0.40	0.00	<0.005	-	-	
			PED65358	144.00	145.00	1.00	0.00	<0.005	-	-	
			PED65359	153.00	154.00	1.00	0.00	<0.005	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		TLC 2 PCH BIO 3 PRV								
Structure:										
49.70 - 49.70		Alpha: 15 Type/GEN/Intensity CS 3		Beta: 0 CA1: CA2:						
49.71 - 103.00		Alpha: 40 Type/GEN/Intensity FLT5 FRA 3		Beta: 0 CA1: CA2: 20 60						
105.50 - 105.65		Alpha: 20 Type/GEN/Intensity V2A 3		Beta: 0 CA1: CA2:						
118.50 - 119.80		Alpha: 55 Type/GEN/Intensity FRA		Beta: 0 CA1: CA2: 40 70						
135.00 - 135.05		Alpha: 20 Type/GEN/Intensity V2A 3		Beta: 0 CA1: CA2:						
136.00 - 136.00		Alpha: 15 Type/GEN/Intensity V2A 2		Beta: 0 CA1: CA2:						
144.65 - 144.75		Alpha: 30 Type/GEN/Intensity V1 2		Beta: 0 CA1: CA2:						
153.45 - 153.55		Alpha: 35 Type/GEN/Intensity V1 3		Beta: 0 CA1: CA2:						

Feature 2:



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)						
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT FTB DEFW</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td></td> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>SRP 1</td> <td>VND</td> </tr> <tr> <td>CBA 1</td> <td>VND</td> </tr> </table>		Type/Intensity/Texture	SRP 1	VND	CBA 1	VND									
	Type/Intensity/Texture																
SRP 1	VND																
CBA 1	VND																
165.00	166.50	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: ALT GS1</p> <p>mafic dyke: fine grained, strong prv bi alt, minor fracturing infilled with calcite</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td></td> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>BIO 4</td> <td>PRV</td> </tr> </table>		Type/Intensity/Texture	BIO 4	PRV											
	Type/Intensity/Texture																
BIO 4	PRV																
166.50	225.65	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB DEFW</p> <p>komatiitic basalt: dark green, fine grained, massive, weakly deformed, serpentinized; strong prv bi alt; moderate patchy talc, flow top breccia textures throughout; carb + srp fracture infill, smooth planar fractures (2-3/m @ 20 - 60), 3% folded/boudinaged qtz-carb veinlets (3-4/m @20 - 40 tca, sulphides blebed on slicked fracture surfaces, gradational contact at 225.65 m @ 40 tca</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td></td> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>SRP 2</td> <td>VND</td> </tr> </table>		Type/Intensity/Texture	SRP 2	VND											
	Type/Intensity/Texture																
SRP 2	VND																
			PED65360	182.50	183.50	1.00	0.00	<0.005	-	-							
			PED65361	183.50	184.50	1.00	0.00	<0.005	-	-							
			PED65362	198.00	199.00	1.00	0.00	<0.005	-	-							
			PED65363	207.00	208.00	1.00	0.00	<0.005	-	-							
			PED65365	208.00	209.00	1.00	0.01	0.011	-	-							
			PED65366	209.00	210.00	1.00	0.00	<0.005	-	-							
			PED65367	210.00	211.00	1.00	0.00	<0.005	-	-							
			PED65368	221.00	222.00	1.00	0.00	<0.005	-	-							
			PED65369	222.00	223.00	1.00	0.00	<0.005	-	-							



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
		TLC 2 PCH BIO 3 PRV	PED65370	225.00	225.65	0.65	0.00	<0.005	-	-	-
Structure:											
180.00 - 180.75		Alpha: 20 Type/GEN/Intensity SHD 2									
		Beta: 0 CA1: CA2: 10 30									
188.75 - 189.00		Alpha: 45 Type/GEN/Intensity FRA 2									
		Beta: 0 CA1: CA2: 30 60									
191.50 - 191.50		Alpha: 20 Type/GEN/Intensity SHD									
		Beta: 0 CA1: CA2:									
198.00 - 198.20		Alpha: 30 Type/GEN/Intensity V2A 3									
		Beta: 0 CA1: CA2:									
206.00 - 225.00		Alpha: 35 Type/GEN/Intensity FRA 2									
		Beta: 0 CA1: CA2: 20 50									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	WHT					
		QLF: ALT FTB DEFW									
Alteration :											
		Type/Intensity/Texture									
		SIL 1 LOC									
		CB 2 VND									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
225.65	226.45	Feature 1	PED65371	225.65	226.45	0.80	0.01	0.008	-	-	
		<p>Type</p> <p>E0 Ultramafic_flow</p> <p>QLF: ALT FLD GS1</p> <p>Ultramafic flow: dark grey, fine grained, very strong prv bi alteration, silicified, minor carb threads (2/m @ 30 tca), sharp contact at 226.45 @ 30 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">SIL 2 PRV</p> <p style="margin-left: 40px;">BIO 4 PRV</p> <p>Structure:</p> <p>225.65 - 225.65 Alpha: 40 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">CG 2</p>									
226.45	312.35	Feature 1	PED65373	226.45	227.45	1.00	0.01	0.010	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB FRA</p> <p>komatiitic basalt: dark green, fine grained, massive, weakly deformed, serpentinized; silicified zones; strong prv bi alt; moderate patchy talc + chl alt, flow top breccia textures throughout; carb + srp fracture infill, smooth planar/ curvilinear fractures (2-3/m @ 20 - 50), 3% folded/boudinaged qtz-carb-act + serpentine stringers and veinlets (3-4/m @20 - 40 tca), sulphides blebed on slicked fracture surfaces, alteration changes at 305 m to prv chlorite, sharp contact at 312.35 m @ 80 tca</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 2 PCH</p> <p style="margin-left: 40px;">SIL 2 LOC</p>									
		<p>Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 97 0 GND</p>	PED65374	233.00	234.00	1.00	0.00	<0.005	-	-	
			PED65375	234.00	235.00	1.00	0.00	<0.005	-	-	
			PED65376	238.00	239.00	1.00	0.00	<0.005	-	-	
			PED65377	239.00	240.00	1.00	0.01	0.008	-	-	
			PED65378	240.00	241.00	1.00	0.00	<0.005	-	-	
			PED65379	241.00	242.00	1.00	0.00	<0.005	-	-	
			PED65380	242.00	243.00	1.00	0.00	<0.005	-	-	
			PED65381	249.00	250.00	1.00	0.00	<0.005	-	-	
			PED65383	250.00	251.00	1.00	0.00	<0.005	-	-	
			PED65384	251.00	252.00	1.00	0.00	<0.005	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 PRV	PED65385	255.00	256.00	1.00	0.01	0.007	-	-	
		Structure:	PED65386	256.00	257.00	1.00	0.00	<0.005	-	-	
	228.20 - 228.30	Alpha: 20 Type/GEN/Intensity SHD 2	PED65387	266.00	267.00	1.00	0.00	<0.005	-	-	
		Beta: 0 CA1: CA2:	PED65388	267.00	268.00	1.00	0.00	<0.005	-	-	
	239.25 - 239.40	Alpha: 20 Type/GEN/Intensity V3 3	PED65389	295.00	296.00	1.00	0.00	<0.005	-	-	
		Beta: 0 CA1: CA2:	PED65390	298.00	299.00	1.00	0.01	0.010	-	-	
			PED65391	299.00	300.00	1.00	0.00	<0.005	-	-	
			PED65393	311.35	312.35	1.00	0.12	0.120	-	-	
312.35	325.85	Feature 1	PED65394	312.35	313.00	0.65	0.29	0.292	-	-	
		Type	PED65395	313.00	314.00	1.00	0.41	0.414	-	-	
		Dyke % Thickness Colour Vein	PED65396	314.00	315.00	1.00	0.28	0.279	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 0 0 GYM	PED65398	315.00	316.00	1.00	0.53	0.529	-	-	
		QLF: ALT FOL DEF	PED65399	316.00	317.00	1.00	0.36	0.362	-	-	
		felsic dyke: brownish-grey, fine to medium grained, spotty to prv bi alt; spotty chl alt; silicified, minor qtz-carb stringers and veinlets (2-3/m @ 10 - 55 tca); minor smokey qtz veinlets (1-2/m @ 80-85 tca), weak foliation fabric @ 55 - 60 tca, 5% chaotic micro fracturing infilled with sil-carb-amp-act; bearing py-po blebs, sharp contact at 325.85 m @ 70 tca; strong prv bi alt at contact	PED65400	317.00	318.00	1.00	0.16	0.164	-	-	
			PED65401	318.00	319.00	1.00	0.16	0.162	-	-	
			PED65402	319.00	320.00	1.00	0.27	0.269	-	-	
		Alteration : Type/Intensity/Texture	PED65403	320.00	321.00	1.00	0.47	0.467	-	-	
		SIL 3 PRV	PED65404	321.00	322.00	1.00	0.46	0.459	-	-	
		CHL 3 SPT	PED65405	322.00	323.00	1.00	0.25	0.247	-	-	
		BIO 3 SPT	PED65406	323.00	324.00	1.00	0.21	0.207	-	-	
		Structure:	PED65408	324.00	325.00	1.00	0.17	0.170	-	-	
	312.35 - 312.65	Alpha: 80 Type/GEN/Intensity CC 3	PED65409	325.00	325.85	0.85	0.12	0.116	-	-	
		Beta: 0 CA1: CA2:									
	320.00 - 320.50	Alpha: 10 Type/GEN/Intensity FRA 3									
		Beta: 0 CA1: CA2:									
		Mineralization Maj. : Type/GSZ%/HABIT									
		Comment									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	312.35 - 325.85	SU GS1 1 DIS py-po blebed on fracture surfaces, disseminated in veins									
325.85	327.00	Feature 1	PED65410	325.85	327.00	1.15	0.35	0.347	-	-	
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT BAN DEF</p> <p>komatiitic basalt: fine grained, massive, strong prv bi alt; moderate prv carb alt; moderately deformed 0.2 - 0.5mm actinolite banding throughout at 80 tca, silicified, minor smokey qtz veinlets (1-2/m at 80 tca), carb infilled fractures (1-2/m @ 20 -25 tca), sharp contact at 327 m @ 70 tca with high-ti basalt</p> <p>Alteration :</p> <p>CB 3 SPT</p> <p>AC 3 BAN</p> <p>BIO 3 PRV</p>									
		<p>Dyke <input type="checkbox"/></p> <p>% 0</p> <p>Thickness 0</p> <p>Colour GNM</p> <p>Vein</p>									
327.00	332.40	Feature 1	PED65411	327.00	328.00	1.00	0.97	0.971	-	-	
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT MAS MIN</p> <p>high-ti basalt: black, fine grained, massive, strong prv bi alt, silicified, minor qtz carb veinlets (1-2/ m @ 20 - 30 tca), 1-3 % disseminated py-po, sharp contact at 332.40 m @ 75/035 (see detailed oriented data sheet)</p> <p>Alteration :</p> <p>SIL 2 PCH</p> <p>BIO 3 PRV</p>	PED65412	328.00	329.00	1.00	0.05	0.046	-	-	
		<p>Dyke <input type="checkbox"/></p> <p>% 0</p> <p>Thickness 0</p> <p>Colour BLK</p> <p>Vein</p>	PED65413	329.00	330.00	1.00	0.68	0.675	-	-	
			PED65414	330.00	331.00	1.00	1.30	1.300	-	-	
			PED65416	331.00	332.00	1.00	0.03	0.030	-	-	
			PED65417	332.00	332.40	0.40	0.01	0.008	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Mineralization Maj. : Type/GSZ%/HABIT									
		327.00 - SU GS1 3 DIS									
		332.40									
		Comment									
		1-3 % disseminated py-po									
332.40	345.00	Feature 1	PED65419	332.40	333.00	0.60	0.01	0.008	-	-	
		Type	PED65420	333.00	334.00	1.00	0.01	0.005	-	-	
		E0B Komatiitic_basalt	PED65421	339.40	340.10	0.70	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	PED65422	342.00	343.00	1.00	0.02	0.017	-	-	
		<input type="checkbox"/> 0 0 GYD	PED65423	343.00	344.00	1.00	0.01	0.011	-	-	
		QLF: ALT DEF FOL	PED65424	344.00	345.00	1.00	0.01	0.012	-	-	
		komatiitic basalt: grey-green, fine grained, massive to weak foliation fabric parallel to veining, moderate prv to spotty bio alt; patchy chl+talc alt; patchy silicification and serpentinization, 1% qtz-carb stringers and veinlets (see detailed orientation data), trace disseminated and veined sulphides (py-po-cp), sharp contact at 345 m at 50/210 with felsic dyke									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PCH									
		BIO 2 SPT									
		Structure:									
		339.86 - 340.10 Alpha: 50 Beta: 0									
		Type/GEN/Intensity									
		V3 3 CA1: 60 CA2: 40									
		Feature 2:									
		Type									
		V Veining									
		Dyke % Thickness Colour Vein									
		<input type="checkbox"/> 0 0									
		QLF: ALT DEF FOL									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
345.00	353.95	Feature 1	PED65425	345.00	346.00	1.00	0.26	0.263	-	-
		Type	PED65426	346.00	347.00	1.00	0.81	0.810	-	-
		I3 Felsic_intrusive	PED65427	347.00	348.00	1.00	0.10	0.103	-	-
		QLF: ALT DEF VND	PED65428	348.00	349.00	1.00	0.03	0.029	-	-
		Felsic dyke: reddish-brown grey, fine to medium grained, weak foliation fabric @ 40 -50 tca, spotty med grained chl alt; spotty to stong prv bi alt; strong prv sericite, silicified, chaotic microfracturing infilled with biotite, 3 % V2A threads bearing Po-py (several per meter @ 10 - 40 tca), slightly smooth fracture surface along extensional 0.5 cm qtz stringer running parallel to core axis from 348.5 - 352 m cross-cutting and displacing all veining through the interval, sharp chilled contact margin at 353.95 m @ 70/240	PED65429	349.00	350.00	1.00	0.06	0.055	-	-
		(See detailed structure orientation data sheet 610L-17-10)	PED65430	350.00	351.00	1.00	0.00	<0.005	-	-
			PED65431	351.00	352.00	1.00	1.14	1.140	-	-
			PED65432	352.00	353.00	1.00	0.08	0.075	-	-
			PED65433	353.00	353.95	0.95	0.23	0.228	-	-
		Alteration :								
		Type/Intensity/Texture								
		SER 3 PRV								
		CHL 3 SPT								
		BIO 3 PRV								
		Structure:								
		345.00 - 345.01 Alpha: 50 Beta: 0								
		Type/GEN/Intensity								
		CC 3 CA1: CA2:								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		345.00 - 353.95 SU GS1 1 THD								
		345.00 - 353.95 SU GS1 1 DIS								
		Feature 2:								
		Type								
		V2A Quartz_carb_actinolite_vein								
		QLF: ALT DEF VND								
		Alteration :								
		Type/Intensity/Texture								
		SII 1 FF								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		CB 2 VND									
		AC 1 VND									
353.95	363.45	Feature 1	PED65434	353.95	355.00	1.05	0.37	0.371	-	-	
		Type	PED65435	355.00	356.00	1.00	0.06	0.056	-	-	
		E1H High_titanium_basalt	PED65437	356.00	357.00	1.00	0.44	0.435	-	-	
		QLF: ALT FOL MIN	PED65438	357.00	358.00	1.00	0.23	0.226	-	-	
		High-Ti Basalt: black, fine grained, weak foliation fabric @ 30 - 50 tca, strong prv bio alt; silicified, 1% planar qtz-carb threads stringers veinlets parallel to foliation fabric containing massive Po; see detailed oriented data sheet, 5 % disseminated sulphides Py-Po, sharp contact at 363.45 m @ 60 tca with E0B	PED65440	358.00	359.00	1.00	0.11	0.105	-	-	
			PED65441	359.00	360.00	1.00	0.09	0.087	-	-	
			PED65442	360.00	361.00	1.00	0.10	0.103	-	-	
		Alteration :	PED65443	361.00	362.00	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED65444	362.00	363.00	1.00	0.10	0.101	-	-	
		SUL 2 VND	PED65446	363.00	363.45	0.45	0.03	0.031	-	-	
		SIL 2 PRV									
		BIO 3 PRV									
		Structure:									
		353.95 - 353.95 Alpha: 70 Beta: 0									
		Type/GEN/Intensity									
		CS 3									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		353.95 - 363.45 PO GS1 1 THD									
		353.95 - 363.45 PO GS1 4 DIS									
		Comment									
		high-ti basalt: 5 % disseminated and threaded sulphides Py-Po									
		high-ti basalt: 5 % disseminated and threaded sulphides Py-Po									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au																	
							(ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)													
363.45	399.40	Feature 1	PED65447	363.45	364.00	0.55	0.00	<0.005	-	-														
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">99</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	99	0			PED65448	364.00	365.00	1.00	0.00	<0.005	-	-		
Type	Dyke	%	Thickness	Colour	Vein																			
E0B Komatiitic_basalt	<input type="checkbox"/>	99	0																					
		QLF: ALT DEF MAS	PED65449	373.00	374.00	1.00	0.00	<0.005	-	-														
		Komatiitic basalt: grey-green, fine grained, massive, strong prv talc alt; local banded chlorite alt zones; moderate spotty needly actinolite alt, minor qtz-carb-act folded/ fragmented/ boudinaged threads stringers veinlets (3-4/m @ 30 - 75 tca), no significant mineralization, sharp contact at 399.40 m @ 60 tca	PED65450	378.45	379.00	0.55	0.00	<0.005	-	-														
		(no detailed orientation data available)	PED65451	382.80	383.30	0.50	0.00	<0.005	-	-														
		Alteration :	PED65452	388.00	389.00	1.00	0.00	<0.005	-	-														
		<table border="0"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>AC 2 SPT</td> <td></td> </tr> <tr> <td>CHL 3 BAN</td> <td></td> </tr> <tr> <td>TLC 3 PRV</td> <td></td> </tr> </table>	Type/Intensity/Texture		AC 2 SPT		CHL 3 BAN		TLC 3 PRV		PED65453	389.00	390.00	1.00	0.00	<0.005	-	-						
Type/Intensity/Texture																								
AC 2 SPT																								
CHL 3 BAN																								
TLC 3 PRV																								
		Structure:	PED65454	391.00	392.00	1.00	0.00	<0.005	-	-														
		363.45 - 363.45 Alpha: 60 Beta: 0	PED65455	395.40	396.40	1.00	0.08	0.077	-	-														
		<table border="0"> <tr> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> </tr> <tr> <td>CS 3</td> <td></td> <td></td> </tr> </table>	Type/GEN/Intensity	CA1:	CA2:	CS 3			PED65456	396.40	397.40	1.00	0.00	<0.005	-	-								
Type/GEN/Intensity	CA1:	CA2:																						
CS 3																								
		382.93 - 383.20 Alpha: 40 Beta: 0	PED65457	397.40	398.40	1.00	0.01	0.008	-	-														
		<table border="0"> <tr> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> </tr> <tr> <td>FLT1 3</td> <td style="text-align: center;">30</td> <td style="text-align: center;">40</td> </tr> <tr> <td>V2A 3</td> <td></td> <td></td> </tr> </table>	Type/GEN/Intensity	CA1:	CA2:	FLT1 3	30	40	V2A 3			PED65458	398.40	399.40	1.00	1.55	1.550	-	-					
Type/GEN/Intensity	CA1:	CA2:																						
FLT1 3	30	40																						
V2A 3																								
		Feature 2:																						
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">S</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	1	0	WHT	S										
Type	Dyke	%	Thickness	Colour	Vein																			
V3 Quartz_carbonate vein	<input type="checkbox"/>	1	0	WHT	S																			
		QLF: ALT DEF MAS																						
		Alteration :																						
		<table border="0"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CB 2 VND</td> <td></td> </tr> <tr> <td>AC 2 VND</td> <td></td> </tr> </table>	Type/Intensity/Texture		CB 2 VND		AC 2 VND																	
Type/Intensity/Texture																								
CB 2 VND																								
AC 2 VND																								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au															
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)											
399.40	412.71	Feature 1	PED65459	399.40	400.00	0.60	1.44	1.440	-	-												
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">85</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td style="text-align: center;">X</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	□	85	0	BNM	X	PED65460	400.00	400.50	0.50	0.42	0.417	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	□	85	0	BNM	X																	
		QLF: ALT VND MIN	PED65461	400.50	401.00	0.50	2.74	2.740	-	-												
		High-Ti Basalt: (Mineralized and Veined): fine-grained, mottled greenish-brown colour, massive textured to weak foliation @ 55-70, strong pervasive bio-silica alteration; med grained biotite from start of interval grading down to fine grained 1 m from bottom contact, 20% veining as planar to highly fragmented/boudinaged/folded silicified whitish-grey qtz-carb-act stringers and veinlets (1 to 7 cm wide) @ 35 to 60 tca containing breccia wallrock fragments; crack/seal textures, mineralization consisting of 1% fine-gr po>py disseminated throughout which locally increases to 4 to 5% blebs/threads of primarily po proximal to and fracture infilling within the mineralized qtz-carb-act stringers and veinlets, weak fracturing @ 30 to 40 tca (1-2/m). Lower contact is gradational into a fuchsite-rich altered Basalt breccia zone.	PED65463	401.00	401.50	0.50	0.68	0.678	-	-												
		Alteration :	PED65464	401.50	402.00	0.50	0.80	0.804	-	-												
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>CHL 2 PCH</td> </tr> <tr> <td>SIL 2 PRV</td> </tr> <tr> <td>BIO 3 PRV</td> </tr> </table>	Type/Intensity/Texture	CHL 2 PCH	SIL 2 PRV	BIO 3 PRV	PED65466	402.00	402.35	0.35	0.57	0.566	-	-								
Type/Intensity/Texture																						
CHL 2 PCH																						
SIL 2 PRV																						
BIO 3 PRV																						
		Structure:	PED65467	402.35	403.05	0.70	0.76	0.764	-	-												
399.40 - 399.40		Alpha: 60 Type/GEN/Intensity CS 3	Beta: 0 CA1: CA2:	PED65469	403.05	404.00	0.95	0.61	0.608	-	-											
399.70 - 399.73		Alpha: 50 Type/GEN/Intensity V2A 3	Beta: 0 CA1: CA2:	PED65470	404.00	404.50	0.50	0.82	0.821	-	-											
401.03 - 401.10		Alpha: 50 Type/GEN/Intensity V2_BX 3	Beta: 0 CA1: CA2:	PED65471	404.50	405.00	0.50	0.57	0.572	-	-											
				PED65472	405.00	405.70	0.70	1.48	1.480	-	-											
				PED65473	405.70	406.20	0.50	15.77	>10.000	15.77	-											
				PED65474	406.20	406.70	0.50	5.36	5.360	-	-											
				PED65475	406.70	407.50	0.80	10.44	>10.000	10.44	-											
				PED65476	407.50	408.00	0.50	1.36	1.360	-	-											
				PED65477	408.00	408.35	0.35	1.04	1.040	-	-											
				PED65478	408.35	409.35	1.00	2.26	2.260	-	-											
				PED65479	409.35	409.85	0.50	1.97	1.970	-	-											
				PED65480	409.85	410.35	0.50	0.22	0.224	-	-											
				PED65481	410.35	411.00	0.65	0.56	0.562	-	-											
				PED65482	411.00	411.50	0.50	0.24	0.237	-	-											
				PED65483	411.50	412.00	0.50	0.05	0.054	-	-											
				PED65484	412.00	412.70	0.70	1.14	1.140	-	-											



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	401.19 - 401.29	Alpha: 40 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: CA2: 50 35									
	402.35 - 402.55	Alpha: 40 Type/GEN/Intensity V2_BX									
		Beta: 0 CA1: CA2: 60 25									
	402.85 - 402.97	Alpha: 20 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: CA2: 30 10									
	403.35 - 403.35	Alpha: 20 Type/GEN/Intensity FRA 3									
		Beta: 0 CA1: CA2:									
	405.80 - 406.20	Alpha: 15 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: CA2:									
	406.25 - 406.70	Alpha: 10 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: CA2:									
	407.00 - 409.50	Alpha: 60 Type/GEN/Intensity FOL 1									
		Beta: 0 CA1: CA2: 70 50									
	408.10 - 408.25	Alpha: 20 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: CA2: 10 30									
	408.77 - 408.78	Alpha: 30 Type/GEN/Intensity FRA 3									
		Beta: 0 CA1: CA2:									
	410.36 - 410.65	Alpha: 20 Type/GEN/Intensity V2A 3									
		Beta: 0 CA1: CA2:									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	411.75 - 411.76	Alpha: 30 Type/GEN/Intensity FRA 3									
		Beta: 0 CA1: CA2:									
		Mineralization Maj. : Type/GSZ%/HABIT									
	399.40 - 412.71	PO GS1 4 BLB									
		Comment hi-ti basalt: 1% fine-gr po>py disseminated throughout which locally increases to 4 to 5% blebs/ fracture filling threads									
	399.40 - 412.71	SU GS1 1 DIS									
		Comment hi-ti basalt: 1% fine-gr po>py disseminated throughout which locally increases to 4 to 5% blebs/ fracture filling threads									
		Feature 2:									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		V2_BX Quartz_Vein_with_Fragments									
		QLF: ALT VND MIN									
		Alteration :									
		Type/Intensity/Texture									
		SUL 2 FF									
		AC 2 VND									
		SIL 3 PRV									
412.71	414.70	Feature 1									
		Type									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		E1H High_titanium_basalt									
		QLF: ALT BRX VND									
		High-Ti Basalt (mineralized and veined): Fine-grained, mottled dark brownish-green colour, moderately developed breccia fabric @ 45 tca, strong prv silica-bio, strongly fractured @ 10-20 tca (1-2/m), veining consist of 1-2% highly fragmented grey sil'd qtz-carb-act stringers and veinlets @ 15 to 30 tca, 3-5% disseminated and banded fine-grained Py-Po that increases proximal to veining, weakly magnetitic throughout, lower sharp contact with Mafic Dyke at 414.70 m @ 60 tca									
		Alteration :									
		Type/Intensity/Texture									



LITHOLOGY REPORT

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Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV BIO 3 PRV									
		Structure:									
	412.71 - 412.71	Alpha: 70 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2:									
	413.63 - 413.69	Alpha: 75 Type/GEN/Intensity V2_BX 3									
		Beta: 0 CA1: CA2:									
		Mineralization Maj. : Type/GSZ%/HABIT									
	413.45 - 414.10	PY GS1 40 BAN									
		Comment 1 cm pyrite banding									
414.70	415.63	Feature 1	PED65489	414.70	415.60	0.90	0.04	0.042	-	-	
		Type									
		I1 Mafic_intrusive									
		Dyke <input type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour BLK									
		Vein									
		QLF: ALT MAS GS1									
		Mafic Dyke: Fine-grained, dark brown to black, strong prv silica alteration, massive textured, no significant veining or mineralization, weakly magnetitic throughout, sharp downhole contact at 416.63 m @ 50 tca									
		Alteration :									
		Type/Intensity/Texture									
		AMP 2 PRV									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
415.63	424.07	Feature 1	PED65490	415.60	416.40	0.80	6.15	6.150	-	-	-	-
		Type	PED65491	416.40	417.00	0.60	0.46	0.464	-	-	-	-
		E1H High_titanium_basalt	PED65492	417.00	417.50	0.50	0.44	0.438	-	-	-	-
		QLF: ALT BRX MIN	PED65493	417.50	418.00	0.50	13.99	>10.000	13.99	-	-	-
		High-Ti / E0B veined and mineralized (AGZ?): Fine-grained, mottled dark brownish-green colour, moderate breccia fabric @ 45 - 65 tca, strong pervassive silica-bio; strong fuchsite altered E0B fragments; fuchsite alteration and silicification grading out towards down hole contact, strong smooth planar fractures @ 20 - 30 tca (1-2/m), 1-2% strongly deformed fragmental silicified qtz-carb-act stringers @ 20 - 30 tca, 5% dissem fine-grained Py-Po that increases proximal to veining and within E1H fragments, weakly magnetitic throughout, lower contact with E0B sheared at 424.07 m @ 50 tca.	PED65494	418.00	418.50	0.50	8.80	8.800	-	-	-	-
			PED65496	418.50	419.00	0.50	1.95	1.950	-	-	-	-
			PED65497	419.00	419.50	0.50	0.88	0.875	-	-	-	-
			PED65498	419.50	420.00	0.50	0.29	0.291	-	-	-	-
			PED65500	420.00	420.50	0.50	1.88	1.880	-	-	-	-
		Alteration :	PED41701	420.50	421.00	0.50	0.84	0.837	-	-	-	-
		Type/Intensity/Texture	PED41702	421.00	421.50	0.50	4.11	4.110	-	-	-	-
		SUL 2 FF	PED41703	421.50	422.00	0.50	1.54	1.540	-	-	-	-
		SIL 3 PRV	PED41704	422.00	423.00	1.00	0.16	0.162	-	-	-	-
		BIO 3 PRV	PED41705	423.00	424.00	1.00	0.16	0.162	-	-	-	-
		Structure:										
	415.63 - 415.63	Alpha: 50	Beta: 0									
		Type/GEN/Intensity	CA1: CA2:									
		CS										
	416.60 - 416.61	Alpha: 30	Beta: 0									
		Type/GEN/Intensity	CA1: CA2:									
		FRA 3										
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment								
	416.63 - 424.07		SU 3 STR									
	416.63 - 424.07		SU GS1 2 DIS									
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	<input type="checkbox"/>	50	0	BNM	S					



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: ALT BRX MIN</p> <p>Alteration : Type/Intensity/Texture AC 3 VND FUC 3 LOC</p>									
424.07	432.00	Feature 1	PED41706	424.00	425.00	1.00	0.40	0.396	-	-	
		<p style="text-align: center;">Type Dyke % Thickness Colour Vein</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GYM S</p> <p>QLF: ALT VND DEFS</p> <p>komatiitic basalt: fine grained, massive to weak foliation @ 20 - 30 tca, strong silicification; strong prv chl + talc alt, 2% strongly deformed folded/ boudinaged qtz-carb-act stringers and veinlets at 20 - 60 tca, no significant mineralization or fracturing, gradational contact into altered/ much less veined E0B at 434 m</p> <p>Alteration : Type/Intensity/Texture SIL 3 PRV TLC 3 PCH CHL 3 PRV</p> <p>Structure: 424.07 - 424.07 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CT 3</p>	PED41707	425.00	426.00	1.00	0.00	<0.005	-	-	
432.00	448.00	Feature 1									
		<p style="text-align: center;">Type Dyke % Thickness Colour Vein</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GND</p> <p>QLF: ALT MAS FTB</p>									



LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
		Komatiitic basalt: dark green, fine grained, massive to fragmental brecciated zones, strong prv bio; strong patchy chl+tlc, no significant veining , strong fractures (1-3/m @ 30 - 45 tca), gradational contact into veined EOB at 448 m									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		CHL 3 PCH									
		BIO 3 PRV									
		Structure:									
	432.00 - 432.05	Alpha:		Beta:	0						
		Type/GEN/Intensity		CA1:	CA2:						
		CG 2									
448.00	450.90	Feature 1									
		Type		Dyke	%	Thickness	Colour	Vein			
		E0B Komatiitic_basalt		□	0	0	GNM	S			
		QLF: ALT VND DEFS									
		komatiitic basalt: fine grained, massive to weak foliation @ 20 - 30 tca, strong silicification; strong prv chl + talc alt, 2% strongly deformed folded/ boudinaged qtz-carb-act stringers and veinlets at 20 - 60 tca, no significant mineralization or fracturing, sharp contact at 450.90 with mafic dyke at 50 tca									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									
		TLC 3 PCH									
		CHL 3 PRV									
		Structure:									
	448.00 - 448.01	Alpha:		Beta:	0						
		Type/GEN/Intensity		CA1:	CA2:						
		CG									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
450.90	454.50	Feature 1									
		<p style="margin-left: 40px;">Type</p> <p>I1 Mafic_intrusive <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: MAS GS1</p> <p>mafic dyke: dark grey, massive, fine grained, prv amp+bi, no significant mineralization or veining, sharp upper and lower contacts with E0B, sharp dowhole contact at 454.5 @ 60 tca</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 1 PRV</p> <p>Structure:</p> <p>450.90 - 450.90 Alpha: 50 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD 3</p>									
454.50	492.30	Feature 1									
		<p style="margin-left: 40px;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein S</p> <p>QLF: ALT VND DEFS</p> <p>komatiitic basalt: fine grained, massive to weak foliation @ 20 - 30 tca, strong silicification; strong prv chl + talc alt, 2% strongly deformed folded/ boudinaged qtz-carb-act stringers and veinlets at 20 - 60 tca, no significant mineralization or fracturing,</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 3 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p>									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
Structure:											
454.50 - 454.51		Alpha: 60 Type/GEN/Intensity CS 3									
466.45 - 466.50		Alpha: 15 Type/GEN/Intensity FRA 3									
475.80 - 475.81		Alpha: 10 Type/GEN/Intensity FRA									
479.60 - 479.61		Alpha: 45 Type/GEN/Intensity FRA 3									
483.50 - 484.00		Alpha: 60 Type/GEN/Intensity FRA 3									
485.60 - 485.65		Alpha: 20 Type/GEN/Intensity FRA 3									
488.65 - 488.70		Alpha: 30 Type/GEN/Intensity FRA 3									
489.55 - 489.65		Alpha: 35 Type/GEN/Intensity FRA 3 FRA 3									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		V Veining <i>QLF:</i> ALT VND DEFS									
492.30	515.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	90	0	GYD					
		<i>QLF:</i> ALT GS1 FRA									
		Mafic Dyke: dark-grey, fine grained, massive to moderate local annealed shear fabric, strong bio alt at contact boundaries, no significant veining; occasional qtz-carb veining at 509.45, 514, 518.5 m @ 30 - 70 tca, intermittent 10-20 cm E0B within dyke, strong smooth planar fracturing (5-8/m @ 30 - 60 tca) no significant mineralization, sharp undulating contact with E0B at 515 m @ 5 - 10 tca									
		Alteration :	Type/Intensity/Texture								
			AMP 2 PRV								
			BIO 2 PRV								
		Structure:									
492.30 - 492.30		Alpha: 20	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		CS 3									
493.00 - 498.65		Alpha: 45	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		FRA	30 60								
502.40 - 502.90		Alpha: 20	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		SHD 2									



LITHOLOGY REPORT

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Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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509.25 - 509.40	Alpha: 35	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	V3 3	40 30									
514.00 - 514.35	Alpha: 50	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	V3 3	30 70									
514.35 - 515.00	Alpha: 7	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	CU 3	5 10									

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input checked="" type="checkbox"/>	10	0		
QLF: ALT GS1 FRA					
Alteration :					
Type/Intensity/Texture					
CHL 2 PCH					
AC 2 PRV					

515.00 543.00 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM	
QLF: ALT FOL FRG					
komatiitic basalt: fine grained, massive to weak foliation @ 20 - 30 tca, strong silicification; strong prv chl + talc alt, 2% strongly deformed folded/ boudinaged qtz-carb-act stringers and veinlets at 20 - 60 tca, no significant mineralization or fracturing,					
Alteration :					
Type/Intensity/Texture					
SIL 1 PRV					



LITHOLOGY REPORT

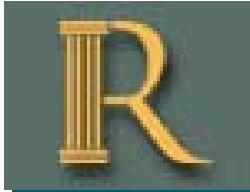
- Detailed -

Hole Number **610L-17-10**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 2 PCH TLC 3 PRV									
Structure:											
518.50 - 518.70		Alpha: 30 Type/GEN/Intensity V1 3									
		Beta: 0 CA1: CA2:									
519.35 - 519.35		Alpha: 40 Type/GEN/Intensity FLD 3									
		Beta: 0 CA1: CA2: 40 70									
520.45 - 520.60		Alpha: 20 Type/GEN/Intensity SHD 2									
		Beta: 0 CA1: CA2:									
530.10 - 530.10		Alpha: 20 Type/GEN/Intensity FRA 3									
		Beta: 0 CA1: CA2:									
535.65 - 535.70		Alpha: 30 Type/GEN/Intensity FRA 2									
		Beta: 0 CA1: CA2:									
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
V3		Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT					
QLF: ALT FOL FRG											
Alteration :											
		Type/Intensity/Texture									
		AC 2 VND									
		CBA 1 VND									



DRILL HOLE REPORT

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 89.93	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysage
Dip: 19.59	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 415	Capped:	Section:	NTS: 52N/04	Contractor: Boart Longyear
Started: 11-Jul-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 24-Jul-17				Surveyed: yes
Logged: 04-Aug-17				Surveyed by: Mark Cottrell
Comment: Restart of hole 11b after rods stuck // Hole 11b Abandoned Line 9 Stabilized & Oriented				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10041.316	East: 448148.47	Left in hole:
		North: 49931.247	North: 5663885.02	Making water: no
		Elev.: 4763.769	Elev.: -236.23	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	89.93	19.59	C	<input checked="" type="checkbox"/>	
10.00	89.74	19.59	Gyro	<input checked="" type="checkbox"/>	
15.00	95.63	19.40	DeviSh ot	<input type="checkbox"/>	
20.00	89.76	19.41	Gyro	<input checked="" type="checkbox"/>	
30.00	89.66	19.22	Gyro	<input checked="" type="checkbox"/>	
40.00	89.59	19.15	Gyro	<input checked="" type="checkbox"/>	
50.00	89.54	19.04	Gyro	<input checked="" type="checkbox"/>	
51.00	87.90	18.70	DeviSh ot	<input type="checkbox"/>	
60.00	89.54	18.93	Gyro	<input checked="" type="checkbox"/>	
70.00	89.47	18.80	Gyro	<input checked="" type="checkbox"/>	
80.00	89.48	18.65	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	89.44	18.61	Gyro	<input checked="" type="checkbox"/>	
100.00	89.47	18.46	Gyro	<input checked="" type="checkbox"/>	
102.00	82.34	17.99	DeviSh ot	<input type="checkbox"/>	??
110.00	89.56	18.32	Gyro	<input checked="" type="checkbox"/>	
120.00	89.58	18.22	Gyro	<input checked="" type="checkbox"/>	
130.00	89.64	18.09	Gyro	<input checked="" type="checkbox"/>	
140.00	89.82	17.90	Gyro	<input checked="" type="checkbox"/>	
150.00	89.96	17.81	Gyro	<input checked="" type="checkbox"/>	
151.00	86.69	17.73	DeviSh ot	<input type="checkbox"/>	
160.00	90.12	17.70	Gyro	<input checked="" type="checkbox"/>	
170.00	90.24	17.55	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number

Project: **PHOENIX**

Project Number: **2**

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	90.44	17.50	Gyro	<input checked="" type="checkbox"/>	
190.00	90.57	17.39	Gyro	<input checked="" type="checkbox"/>	
200.00	90.65	17.22	Gyro	<input checked="" type="checkbox"/>	
201.00	79.21	16.81	DeviSh ot	<input type="checkbox"/>	
210.00	90.73	17.08	Gyro	<input checked="" type="checkbox"/>	
220.00	90.79	16.93	Gyro	<input checked="" type="checkbox"/>	
230.00	90.90	16.76	Gyro	<input checked="" type="checkbox"/>	
240.00	90.91	16.61	Gyro	<input checked="" type="checkbox"/>	
250.00	90.97	16.45	Gyro	<input checked="" type="checkbox"/>	
252.00	89.61	16.14	DeviSh ot	<input type="checkbox"/>	
260.00	91.03	16.31	Gyro	<input checked="" type="checkbox"/>	
270.00	91.05	16.13	Gyro	<input checked="" type="checkbox"/>	
280.00	91.18	16.01	Gyro	<input checked="" type="checkbox"/>	
290.00	91.27	15.84	Gyro	<input checked="" type="checkbox"/>	
300.00	91.35	15.76	Gyro	<input checked="" type="checkbox"/>	
301.00	95.88	15.37	DeviSh ot	<input type="checkbox"/>	
310.00	91.43	15.69	Gyro	<input checked="" type="checkbox"/>	
320.00	91.45	15.60	Gyro	<input checked="" type="checkbox"/>	
330.00	91.53	15.57	Gyro	<input checked="" type="checkbox"/>	
351.00	95.64	15.01	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	93.73	14.89	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.55	Feature 1	PED41708	1.00	2.00	1.00	0.00	<0.005	-	-	-
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT VND DEFS</p> <p>Komatiitic basalt: green-mix, fine grained, strong patchy talc and chlorite alt, foliation @ 50 - 60 tca, 2-3% folded/ boudinaged qtz-carb stringers and veinlets @ 40 - 65 tca, strongly fractured and rubbled at start of run; smooth planar @ 60-70tca, sharp contact with mafic dyke at 2.55 @ 75 tca</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 3 PCH</p> <p>TLC 3 PCH</p>	PED41709	2.00	2.55	0.55	0.00	<0.005	-	-	
		<p>Dyke <input type="checkbox"/></p> <p>% 0</p> <p>Thickness 0</p> <p>Colour GNM</p> <p>Vein</p>									
2.55	5.30	Feature 1	PED41710	2.55	3.25	0.70	0.04	0.044	-	-	-
		<p>Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: ALT FRA MIN</p> <p>Mafic dyke: black, fine grained, massive, strong bio alteration proximal to chilled contact margins; moderate chl alt, no significant veining, moderate infilled fractures (5-6/m @ 40 -60 tca), 1-2% disseminated Po, sharp contact at 5.30 m @ 60 tca</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p> <p>CHL 2 PRV</p> <p>BIO 3 LOC</p> <p>Structure:</p> <p>2.55 - 2.55 Alpha: 75 Beta: 0</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>CD 3</p>	PED41712	3.25	4.25	1.00	0.02	0.017	-	-	
		<p>Dyke <input checked="" type="checkbox"/></p> <p>% 0</p> <p>Thickness 0</p> <p>Colour BLK</p> <p>Vein</p>	PED41713	4.25	5.30	1.05	0.01	0.013	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Mineralization Maj. : Type/GSZ%/HABIT									
		2.55 - 5.30 PO GS1 2 DIS									
		Comment									
5.30	32.00	Feature 1	PED41715	5.30	6.00	0.70	0.01	0.007	-	-	
		Type	PED41716	6.00	7.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	PED41717	7.00	8.00	1.00	0.01	0.011	-	-	
		QLF: ALT VND FTB	PED41718	8.00	9.00	1.00	0.02	0.022	-	-	
		Komatiitic basalt: green-mix, fine grained, strong patchy talc and chlorite alt; carbonatized; locally silicified, foliation @ 50 - 60 tca, 2-3% folded/ boudinaged qtz-carb stringers and veinlets @ 40 - 65 tca, strongly fractured (5-10 / meter smooth planar @ 60-70tca) with highly fractured/ disced zones, local flow top breccia zones, sharp contact with mafic dyke at 32 m @ 80 tca	PED41719	9.00	10.00	1.00	0.01	0.009	-	-	
			PED41720	10.00	11.00	1.00	0.05	0.045	-	-	
			PED41722	11.00	12.00	1.00	0.00	<0.005	-	-	
			PED41723	12.00	13.00	1.00	0.06	0.059	-	-	
		Alteration :	PED41724	13.00	14.00	1.00	0.01	0.006	-	-	
		Type/Intensity/Texture	PED41725	14.00	15.00	1.00	0.01	0.006	-	-	
		SIL 2 LOC	PED41726	15.00	16.00	1.00	0.02	0.021	-	-	
		SRP 1 SPT	PED41727	16.00	17.00	1.00	0.00	<0.005	-	-	
		TLC 3 PCH	PED41728	17.00	18.00	1.00	0.08	0.079	-	-	
		Structure:	PED41729	18.00	19.00	1.00	0.01	0.009	-	-	
		5.30 - 5.30 Alpha: 60 Beta: 0	PED41730	19.00	20.00	1.00	0.08	0.075	-	-	
		Type/GEN/Intensity CA1: CA2:	PED41731	20.00	21.00	1.00	1.02	1.020	-	-	
		CS 3	PED41732	21.00	22.00	1.00	0.06	0.062	-	-	
		Feature 2:	PED41733	22.00	23.00	1.00	0.00	<0.005	-	-	
		Type	PED41734	23.00	24.00	1.00	0.00	<0.005	-	-	
		V3 Quartz_carbonate vein	PED41735	24.00	25.00	1.00	0.02	0.024	-	-	
		QLF: ALT VND FTB	PED41736	25.00	26.00	1.00	0.00	<0.005	-	-	
		Alteration :	PED41737	26.00	27.00	1.00	0.00	<0.005	-	-	
		Type/Intensity/Texture	PED41739	27.00	28.00	1.00	0.00	<0.005	-	-	
		CBA 1 VND	PED41740	28.00	29.00	1.00	0.00	<0.005	-	-	
		AC 2 VND									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED41741	29.00	30.00	1.00	0.00	<0.005	-	-	-
			PED41743	30.00	31.00	1.00	0.00	<0.005	-	-	-
			PED41744	31.00	32.00	1.00	0.00	<0.005	-	-	-
32.00	32.35	Feature 1	PED41746	32.00	32.35	0.35	0.00	<0.005	-	-	-
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BLK Vein</p> <p>QLF: ALT MAS FRA</p> <p>Mafic dyke: black, fine grained, massive, strong bio alteration prv and proximal to chilled fine grained contact margins; moderate carb alt, no significant veining, moderately fractured, sharp contact at 32.35 @ 60 tca</p> <p>Alteration : Type/Intensity/Texture CB 2 FF BIO 3 PRV</p> <p>Structure: 32.00 - 32.01 Alpha: 80 Beta: 0 Type/GEN/Intensity CA1: CA2: CS</p>									
32.35	38.35	Feature 1	PED41747	32.35	33.25	0.90	0.00	<0.005	-	-	-
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GYD Vein</p> <p>QLF: ALT FRA MAS</p> <p>Komatiitic basalt: grey, fine grained, massive to flow top breccia texture, prv bi alt; strong patchy chl+talc alt, silicified, no significant veining, strong smooth planar fractures at 60-75 tca (up to 20 /m)</p> <p>Alteration : Type/Intensity/Texture TLC 3 PCH</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PCH BIO 3 PRV									
		Structure: 35.50 - 36.00 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: FLT5 3									
38.35	39.70	Feature 1	PED41748	38.35	39.00	0.65	0.03	0.031	-	-	
		Type I1 Mafic_intrusive	PED41749	39.00	39.70	0.70	0.03	0.025	-	-	
		Dyke % Thickness Colour Vein <input checked="" type="checkbox"/> 0 0 BLK									
		QLF: ALT MAS FRA mafic dyke: black, fine grained, massive, strong prv biotite alteration; increasing proximal to chilled very fine-grained contact margins; strong patchy chl alt; weakly fractured infilled by carb with black tourmaline, no significant mineralization, sharp contact at 39.70 m @ 30 tca									
		Alteration : Type/Intensity/Texture TRM 2 VND CB 1 FF BIO 3 PRV									
		Structure: 38.35 - 38.35 Alpha: 20 Beta: 0 Type/GEN/Intensity CA1: CA2: CC 3									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
39.70	312.12	Feature 1	PED41750	39.70	40.70	1.00	0.00	<0.005	-	-
		Type	PED41751	63.00	64.00	1.00	0.01	0.010	-	-
		E0B Komatiitic_basalt	PED41752	76.00	77.00	1.00	0.01	0.011	-	-
		QLF: ALT FTB SPN	PED41753	77.00	78.00	1.00	0.04	0.044	-	-
		Komatiitic basalt: dark grey-green mix, fine grained, massive to flow top breccia textured; strong spinifex texture from 250 - 252 m; moderate prv bi alt; strong local patchy chl+talc altered zones; local chl + chert sutures filling in voids and fractures in flow top breccia zones, local strongly fractured zones (smooth planar to slightly rough, up to 20 /m @ 30-70 tca); moderate local annealed shear zones @ 15 - 30 tca, 1-2% boudinaged/ altered qtz-carb veins from 30 - 60 tca, no significant mineralization, contact at 312.12 @75 tca	PED41754	78.00	79.00	1.00	0.00	<0.005	-	-
			PED41755	140.60	140.90	0.30	0.18	0.176	-	-
			PED41756	146.50	147.50	1.00	0.01	0.013	-	-
			PED41757	310.00	311.00	1.00	0.00	<0.005	-	-
			PED41758	311.00	312.12	1.12	0.05	0.053	-	-
		Alteration :								
		Type/Intensity/Texture								
		CHL 3 PCH								
		TLC 3 PCH								
		BIO 3 PRV								
		Structure:								
	39.70 - 39.70	Alpha: 30 Type/GEN/Intensity CC 3	Beta: 0 CA1: CA2:							
	63.80 - 63.90	Alpha: 15 Type/GEN/Intensity SHD 3	Beta: 0 CA1: CA2:							
	81.00 - 84.00	Alpha: 40 Type/GEN/Intensity FLT	Beta: 0 CA1: CA2: 50 30							
	94.50 - 94.55	Alpha: Type/GEN/Intensity FLT5	Beta: 0 CA1: CA2:							
	137.40 - 137.55	Alpha: 30 Type/GEN/Intensity SHD	Beta: 0 CA1: CA2: 20 40							



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
179.00 - 189.00	Alpha: 50 Type/GEN/Intensity FRA 3	Beta: 0 CA1: CA2: 70 30								
212.45 - 212.75	Alpha: 15 Type/GEN/Intensity SHD 2	Beta: 0 CA1: CA2: 20 15								
254.00 - 254.80	Alpha: Type/GEN/Intensity FLT5	Beta: 0 CA1: CA2:								
272.60 - 272.70	Alpha: Type/GEN/Intensity FLT5 3	Beta: 0 CA1: CA2:								
278.25 - 278.30	Alpha: Type/GEN/Intensity FLT5 3	Beta: 0 CA1: CA2:								
286.50 - 292.00	Alpha: 50 Type/GEN/Intensity FRA	Beta: 0 CA1: CA2: 30 70								
297.45 - 300.00	Alpha: 50 Type/GEN/Intensity FRA	Beta: 0 CA1: CA2: 40 65								
Feature 2:										
V3	Type Quartz_carbonate vein	Dyke <input type="checkbox"/>	% 0	Thickness 0	Colour WHT	Vein S				
QLF: ALT FTB SPN										
Alteration :										
Type/Intensity/Texture										
SIL 2 VND										
CHL 2 VND										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)																																												
		AC 1 VND																																																					
312.12	331.90	Feature 1	PED41760	312.12	313.00	0.88	0.17	0.167	-	-																																													
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">98</td> <td style="text-align: center;">0 MIX</td> <td></td> <td style="text-align: center;">S</td> </tr> </table> <p>QLF: ALT VND DEF</p> <p>Felsic dyke: grey redish-brown to white, fine to medium grained, massive to weak foliation at 50 - 70 tca, strong spotty to locally prv bi alt; spotty chl alt; local silica flooding; sericitized, moderate rough planar fracturing (2-3/ m @ 20 - 50 tca) infilled with qtz-carb-act, 1-2% moderately deformed smokey qtz and qtz-carb/ qtz-carb-act threads stringers veinlets; V3's and V2A's @ 5 - 30 tca fracture filling; V2's @ 75 - 90 tca truncating V2A's V3's and fracturing, trace blebed sulphides Py-Po; fracture filling, sharp contact at 331.90 @ 20 tca with EOB</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>SER 3 PRV</td> <td></td> </tr> <tr> <td>CHL 2 SPT</td> <td></td> </tr> <tr> <td>BIO 3 SPT</td> <td></td> </tr> </table> <p>Structure:</p> <table border="0"> <tr> <td>312.12 - 312.12</td> <td>Alpha: 75</td> <td>Beta: 0</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> </tr> <tr> <td></td> <td>CD 3</td> <td></td> <td></td> </tr> <tr> <td>322.80 - 323.00</td> <td>Alpha: 20</td> <td>Beta: 0</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> </tr> <tr> <td></td> <td>FRA 3</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	☐	98	0 MIX		S	Type/Intensity/Texture		SER 3 PRV		CHL 2 SPT		BIO 3 SPT		312.12 - 312.12	Alpha: 75	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		CD 3			322.80 - 323.00	Alpha: 20	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		FRA 3			PED41761	313.00	314.00	1.00	0.74	0.742	-	-	
Type	Dyke	%	Thickness	Colour	Vein																																																		
I3 Felsic_intrusive	☐	98	0 MIX		S																																																		
Type/Intensity/Texture																																																							
SER 3 PRV																																																							
CHL 2 SPT																																																							
BIO 3 SPT																																																							
312.12 - 312.12	Alpha: 75	Beta: 0																																																					
	Type/GEN/Intensity	CA1:	CA2:																																																				
	CD 3																																																						
322.80 - 323.00	Alpha: 20	Beta: 0																																																					
	Type/GEN/Intensity	CA1:	CA2:																																																				
	FRA 3																																																						
			PED41763	314.00	315.00	1.00	0.30	0.301	-	-																																													
			PED41764	315.00	316.00	1.00	1.23	1.230	-	-																																													
			PED41765	316.00	317.00	1.00	9.53	>10.000	9.53	-																																													
			PED41766	317.00	318.00	1.00	0.39	0.389	-	-																																													
			PED41767	318.00	319.00	1.00	0.76	0.756	-	-																																													
			PED41769	319.00	320.00	1.00	0.59	0.589	-	-																																													
			PED41770	320.00	321.00	1.00	0.29	0.293	-	-																																													
			PED41771	321.00	321.90	0.90	0.23	0.234	-	-																																													
			PED41772	321.90	323.00	1.10	0.40	0.402	-	-																																													
			PED41773	323.00	324.00	1.00	0.82	0.818	-	-																																													
			PED41774	324.00	325.00	1.00	0.97	0.970	-	-																																													
			PED41775	325.00	326.00	1.00	0.37	0.370	-	-																																													
			PED41776	326.00	327.00	1.00	0.76	0.763	-	-																																													
			PED41777	327.00	328.00	1.00	0.24	0.235	-	-																																													
			PED41778	328.00	329.00	1.00	0.43	0.430	-	-																																													
			PED41779	329.00	330.00	1.00	0.66	0.662	-	-																																													
			PED41780	330.00	331.00	1.00	0.62	0.622	-	-																																													
			PED41782	331.00	331.90	0.90	0.05	0.047	-	-																																													
331.90	344.70	Feature 1	PED41783	331.90	333.00	1.10	0.09	0.085	-	-																																													
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0 GNM</td> <td></td> <td></td> </tr> </table> <p>QLF: ALT MAS DEF</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0 GNM			PED41784	333.00	334.00	1.00	0.02	0.020	-	-																																	
Type	Dyke	%	Thickness	Colour	Vein																																																		
E0B Komatiitic_basalt	☐	0	0 GNM																																																				
			PED41785	343.00	344.00	1.00	0.01	0.008	-	-																																													
			PED41786	344.00	344.70	0.70	0.00	<0.005	-	-																																													



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)																		
		<p>Komatiitic basalt: dark grey-green mix, fine grained, massive, moderate prv bi alt; strong local patchy chl+talc altered zones; local chl + chert sutures filling in voids and fractures, local strong fractures (smooth planar, @ 30-60 tca); moderate local annealed shear zones @ 15 - 30 tca, 1-2% boudinaged/ altered qtz-carb veins from 30 - 60 tca, no significant mineralization, sharp contact at 344.70 m @ 70 tca</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>TLC</td> <td>3 PCH</td> </tr> <tr> <td>CHL</td> <td>3 PCH</td> </tr> <tr> <td>BIO</td> <td>2 PRV</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>331.90 - 331.91</td> <td>Alpha: 20</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CS 3</td> <td></td> </tr> </table>											Type/Intensity/Texture		TLC	3 PCH	CHL	3 PCH	BIO	2 PRV	331.90 - 331.91	Alpha: 20	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CS 3	
Type/Intensity/Texture																													
TLC	3 PCH																												
CHL	3 PCH																												
BIO	2 PRV																												
331.90 - 331.91	Alpha: 20	Beta: 0																											
	Type/GEN/Intensity	CA1: CA2:																											
	CS 3																												
344.70	354.25	Feature 1	PED41787	344.70	345.00	0.30	0.29	0.289	-	-																			
		Type	PED41789	345.00	346.00	1.00	0.69	0.688	-	-																			
		Dyke	PED41790	346.00	347.00	1.00	0.66	0.660	-	-																			
		%	PED41791	347.00	348.00	1.00	0.33	0.325	-	-																			
		Thickness	PED41792	348.00	349.00	1.00	0.94	0.942	-	-																			
		Colour	PED41793	349.00	350.00	1.00	0.51	0.506	-	-																			
		Vein	PED41794	350.00	351.00	1.00	0.79	0.791	-	-																			
		I3 Felsic_intrusive	PED41796	351.00	352.00	1.00	0.40	0.398	-	-																			
		QLF: ALT DEF FOL	PED41797	352.00	353.00	1.00	0.28	0.283	-	-																			
		Felsic dyke: grey redish-brown to white, fine to medium grained, massive to weak foliation at 50 - 60 tca, strong spotty to locally prv bi alt; local silica flooding; sericitized, moderate slightly rough planar fracturing (2-3/ m @ 5-40 tca) infilled with qtz-carb-act, 1% moderately deformed smokey qtz and qtz-carb/ qtz-carb-act threads stringers veinlets; V3's and V2A's @ 10 -40 tca fracture filling; V2's @ 75 - 90 tca truncating V2A's V3's and micro fracturing, trace blebed sulphides Py-Po; fracture filling, sharp contact at 354.25 @ 60 tca with EOB	PED41798	353.00	353.50	0.50	0.46	0.460	-	-																			
		Alteration :	PED41799	353.50	354.25	0.75	0.21	0.214	-	-																			
		Type/Intensity/Texture																											
		SIL 2 PRV																											
		SER 3 PRV																											
		BIO 3 SPT																											
		Structure:																											



LITHOLOGY REPORT

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Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	344.70 - 344.70	Alpha: 70 Type/GEN/Intensity CD 3									
	345.00 - 348.50	Alpha: 15 Type/GEN/Intensity FRA									
354.25	360.17	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		QLF: ALT MAS DEF									
		komatiitic basalt: dark green, fine grained, massive, strong prv bi+chl alt; patchy talc and silicified zones; local carbonate banding 356.5 - 357 m, minor boudinaged/deformed qtz-carb threads stringers veinlets @ 40 - 60 tca, no significant fracturing, no significant mineralization, sharp contact at 373.45 m @ 60 tca									
		Alteration :									
		Type/Intensity/Texture									
		TLC 3 PCH									
		SIL 2 PCH									
		BIO 3 PRV									
		Structure:									
	354.25 - 354.25	Alpha: 60 Type/GEN/Intensity CS 3									
		Feature 2:									
		Type									
		V Veining									



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- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		QLF: ALT MAS DEF									
		Alteration : Type/Intensity/Texture									
		AC 2 VND									
		CB 2 BAN									
360.17	373.45	Feature 1	PED41803	360.17	361.00	0.83	0.14	0.135	-	-	
		Type	PED41804	361.00	362.00	1.00	0.10	0.100	-	-	
		Dyke % Thickness Colour Vein	PED41805	362.00	363.00	1.00	0.32	0.318	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0 BNM	PED41806	363.00	364.00	1.00	0.50	0.503	-	-	
		QLF: ALT DEF FOL	PED41807	364.00	365.00	1.00	0.43	0.434	-	-	
		Felsic dyke: grey redish-brown to white, fine to medium grained, massive to weak foliation at 50 - 60 tca, strong spotty to locally prv bi alt; local silica flooding; sericitized, moderate slightly rough planar fracturing (2-3/ m @ 10-40 tca) infilled with qtz-carb-act, 1% moderately deformed smokey qtz and qtz-carb/ qtz-carb-act threads stringers veinlets; V3's and V2A's @ 10 -40 tca fracture filling; V2's @ 75 - 90 tca truncating V2A's V3's and micro fracturing, trace blebed sulphides Py-Po; fracture filling, sharp contact at 373.45 m @ 60 tca with EOB	PED41809	365.00	366.00	1.00	0.23	0.230	-	-	
			PED41810	366.00	367.00	1.00	0.23	0.232	-	-	
			PED41811	367.00	368.00	1.00	0.24	0.238	-	-	
			PED41812	368.00	369.00	1.00	0.46	0.461	-	-	
		Alteration : Type/Intensity/Texture	PED41813	369.00	370.00	1.00	0.57	0.567	-	-	
		SIL 2 PRV	PED41814	370.00	371.00	1.00	0.62	0.621	-	-	
		SER 3 PRV	PED41815	371.00	372.00	1.00	0.51	0.507	-	-	
		BIO 3 PRV	PED41817	372.00	373.00	1.00	0.64	0.642	-	-	
		Structure:	PED41818	373.00	373.45	0.45	0.86	0.860	-	-	
360.17 - 360.17		Alpha: 60 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CS 3									
366.15 - 366.65		Alpha: 20 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		FRA 3 15 30									



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- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
373.45	377.86	Feature 1	PED41819	373.45	374.45	1.00	0.09	0.092	-	-
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM</p> <p>QLF: ALT MAS DEF</p> <p>Komatiitic basalt: dark greenish-grey, fine grained, massive, moderate prv bi alt; strong prv talc alt; local moderate chl alt proximal to E1H contact; thin carb banding @ 50-60 tca proximal to E1H contact, minor folded/boudinaged qtz-carb threads and stringers, no significant fractures, no significant mineralization, sharp contact at 377.86 m @ 70 tca</p>	PED41820	374.45	375.00	0.55	0.00	<0.005	-	-
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 LOC</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p style="margin-left: 40px;">BIO 2 PRV</p>	PED41821	375.00	376.00	1.00	0.00	<0.005	-	-
		<p>Structure:</p> <p>373.45 - 373.45 Alpha: 60 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CS 3</p>	PED41822	376.00	377.00	1.00	0.00	<0.005	-	-
			PED41823	377.00	377.86	0.86	0.02	0.015	-	-
377.86	384.10	Feature 1	PED41825	377.86	379.00	1.14	0.00	<0.005	-	-
		<p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt <input type="checkbox"/> 99 0 BLK</p> <p>QLF: ALT MAS MIN</p> <p>High-Ti Basalt: Black, fine grained, massive, strong prv bi alt; weak patchy chl alt; silicified, minor slightly rough to smooth planar fractures (1-2/m @ 25 -40 tca), minor planar moderately deformed qtz-carb veinlets (2-3/m @ 20 - 40 tca), 1-5% disseminated sulphides (py-po) percentage increases proximal to veining; minor Po threads throughout; blebed on slightly rough fracture surfaces, sharp contact at 384.10 m @ 35 tca</p>	PED41826	379.00	380.00	1.00	0.01	0.008	-	-
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p>	PED41827	380.00	381.00	1.00	0.01	0.008	-	-
			PED41828	381.00	381.95	0.95	0.78	0.783	-	-
			PED41829	381.95	383.00	1.05	0.27	0.268	-	-
			PED41831	383.00	384.10	1.10	0.01	0.014	-	-
		(no oriented data; 0 line confidence thru interval)								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		Alteration : <i>Type/intensity/texture</i> SIL 2 PRV CHL 1 PCH BIO 3 PRV Structure: 377.86 - 377.86 Alpha: 70 Beta: 0 <i>Type/GEN/Intensity</i> CA1: CA2: CS 3																				
		Mineralization Maj. : <i>Type/GSZ%/HABIT</i> 377.86 - 384.10 SU GS1 5 DIS Feature 2: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">L</td> </tr> </tbody> </table> QLF: ALT MAS MIN Alteration : <i>Type/Intensity/Texture</i> SUL 2 FF	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	☐	1	0	WHT	L								
Type	Dyke	%	Thickness	Colour	Vein																	
V3 Quartz_carbonate vein	☐	1	0	WHT	L																	
		Comment E1H: 1-5% disseminated sulphides (py-po) percentage increases proximal to veining; minor Po threads throughout; blebed on slightly rough fracture surfaces																				
384.10	386.70	Feature 1 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS DEF Komatiitic basalt: dark greenish-grey, fine grained, massive, moderate prv bi alt; strong prv talc alt; local moderate chl alt; thin carb banding @ 60-70 tca proximal to upper E1H contact, minor folded/boudinaged qtz-carb threads and stringers @ 30 - 70 tca, minor smooth planar fractures (1-2/m @ 30 tca), no significant mineralization, sharp contact at 386.7 m @ 70 tca	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0	GNM		PED41832	384.10	385.00	0.90	0.01	0.008	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	☐	0	0	GNM																		
			PED41833	385.00	386.00	1.00	0.00	<0.005	-	-												
			PED41834	386.00	386.70	0.70	0.00	<0.005	-	-												



LITHOLOGY REPORT

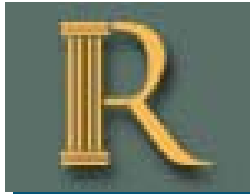
- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :									
		Type/Intensity/Texture									
		CB 1 BAN									
		TLC 3 PRV									
		BIO 2 PRV									
		Structure:									
	384.10 - 384.10	Alpha: 35									
		Beta: 0									
		Type/GEN/Intensity									
		CS 3									
		CA1: CA2:									
386.70	389.70	Feature 1									
		Type									
		I3 Felsic_intrusive									
		Dyke									
		%									
		Thickness									
		Colour									
		Vein									
		□ 0 0 GYM									
		QLF: ALT FRA DEF									
		Felsic dyke: brownish-grey, fine to med grained, massive to weak foliation @ 50 - 60 tca, moderate spotty bi alt; weak spotty chl alt; silicified; strong prv sericite, slightly rough planar fracturing (2/m @ 15 - 20 tca); increased black infilled chaotic micro fracturing proximal to lower contact with EOB, minor weakly deformed planar qtz-carb-act threads (4-5/m @ 30-40 tca); minor folded/ boudinaged qtz-carb threads and stringers (4-5/m @ 30-40 tca), no significant mineralization, sharp contact at 389.70 m @ 50 tca									
		Alteration :									
		Type/Intensity/Texture									
		CHL 1 SPT									
		SER 3 PRV									
		BIO 2 SPT									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA																								
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)																								
389.70	394.80	Feature 1	PED41839	389.70	391.00	1.30	0.01	0.005	-	-																									
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> <td></td> <td>0.00</td> <td><0.005</td> <td>-</td> <td>-</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein							E0B Komatiitic_basalt	☐	98	0	GNM			0.00	<0.005	-	-		PED41840	391.00	392.00	1.00	0.00	<0.005	-	-	
Type	Dyke	%	Thickness	Colour	Vein																														
E0B Komatiitic_basalt	☐	98	0	GNM			0.00	<0.005	-	-																									
		QLF: ALT MAS DEF	PED41841	392.00	393.00	1.00	0.00	<0.005	-	-																									
		Komatiitic basalt: dark greenish-grey, fine grained, massive, moderate prv bi alt; strong prv talc alt; local moderate chl alt; moderate carbonate banding proximal to lower E1H contact, 1-2% folded/boudinaged qtz-carb threads and stringers @ 30 - 70 tca, no significant fracturing, no significant mineralization, sharp contact at 394.8 m @ 55 tca	PED41842	393.00	394.00	1.00	0.00	<0.005	-	-																									
		Alteration :	PED41843	394.00	394.80	0.80	0.00	<0.005	-	-																									
		<table border="0"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CB 2 BAN</td> <td></td> </tr> <tr> <td>TLC 3 PRV</td> <td></td> </tr> <tr> <td>BIO 2 PRV</td> <td></td> </tr> </table>	Type/Intensity/Texture		CB 2 BAN		TLC 3 PRV		BIO 2 PRV																										
Type/Intensity/Texture																																			
CB 2 BAN																																			
TLC 3 PRV																																			
BIO 2 PRV																																			
		Feature 2:																																	
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein							V3 Quartz_carbonate vein	☐	2	0	WHT																
Type	Dyke	%	Thickness	Colour	Vein																														
V3 Quartz_carbonate vein	☐	2	0	WHT																															
		QLF: ALT MAS DEF																																	
394.80	396.85	Feature 1	PED41845	394.80	395.50	0.70	0.47	0.469	-	-																									
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> <td></td> <td>0.01</td> <td>0.011</td> <td>-</td> <td>-</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein							E1H High_titanium_basalt	☐	0	0	BLK			0.01	0.011	-	-		PED41846	395.50	396.00	0.50	0.01	0.011	-	-	
Type	Dyke	%	Thickness	Colour	Vein																														
E1H High_titanium_basalt	☐	0	0	BLK			0.01	0.011	-	-																									
		QLF: ALT MAS MIN	PED41848	396.00	396.85	0.85	2.42	2.420	-	-																									
		High-Ti Basalt: Black, fine grained, massive, strong prv bi alt; weak patchy chl alt; silicified, minor slightly rough planar fractures (1/m @ 30 tca), no significant veining; V2_Bx at 396.30 - 396.40 m @ 40 tca containing mineralized E1H fragments, 3% disseminated sulphides (py-po); minor Po threads throughout; blebed on slightly rough fracture surface, sharp contact at 396.85 m @ 40 tca																																	



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Hole Number **610L-17-11A**

Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
(no oriented data; 0 line confidence thru interval)											
		Alteration :	Type/Intensity/Texture								
			CHL 1 SPT								
			SIL 2 PRV								
			BIO 3 PRV								
		Structure:									
394.80 - 394.80		Alpha: 55		Beta: 0							
		Type/GEN/Intensity		CA1:	CA2:						
		CS 3									
396.30 - 396.40		Alpha: 40		Beta: 0							
		Type/GEN/Intensity		CA1:	CA2:						
		V2_BX 3									
		Mineralization Maj. :	Type/GSZ%/HABIT			Comment					
394.80 - 396.85		SU GS1 3 DIS				E1H: 3% disseminated sulphides (py-po); minor Po threads throughout; blebed on slightly rough fracture surface					
396.85	397.90	Feature 1						0.44	0.442	-	-
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	☐	0	0	GYM					
		QLF:	ALT DEF								
		Felsic dyke: dark brownish-grey, fine grained, massive, strong prv bi alt; strong prv sil; spotty chl alt; chaotic microfracturing infilled with biotite, minor Qtz-carb stringers 3-4/m @ 20 - 30 tca, no significant fracture surfaces, no significant mineralization, sharp contact at 397.90 m at 20 tca									
		Alteration :	Type/Intensity/Texture								
			CHL 1 SPT								
			SIL 3 PRV								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 3 PRV									
		Structure: 396.85 - 396.85 Alpha: 40 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
397.90	415.00	Feature 1	PED41850	397.90	399.00	1.10	0.01	0.014	-	-	
		Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GNM S	PED41851	399.00	400.00	1.00	0.00	<0.005	-	-	
		QLF: ALT FTB SHD	PED41852	400.00	401.00	1.00	0.00	<0.005	-	-	
		komatiitic basalt: dark green, fine grained, massive to local shear fabric @ 20 - 30 tca; local flow top breccia zones, strong prv chl alt; moderate patchy talc alt; locally silicified, local serpentinite in veinlets, smooth to slightly rough planar fracture surfaces (3-4/m @ 35-50 tca), 1-2% moderately deformed/folded/ boudinaged qtz-carb threads stringers and veinlets @ 30 -50 tca, no significant mineralization, sharp contact at 437.80 m @ 30 tca	PED41853	401.00	402.00	1.00	0.00	<0.005	-	-	
			PED41854	402.00	403.00	1.00	0.00	<0.005	-	-	
			PED41855	403.00	404.00	1.00	0.00	<0.005	-	-	
			PED41856	404.00	405.00	1.00	0.00	<0.005	-	-	
			PED41857	405.00	406.00	1.00	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture SIL 1 SPT TLC 2 PRV CHL 3 PRV									
		Structure: 397.90 - 397.90 Alpha: 20 Beta: 0 Type/GEN/Intensity CA1: CA2: CS 3									
		Feature 2:									
		Type Dyke % Thickness Colour Vein V3 Quartz_carbonate vein <input type="checkbox"/> 0 0									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-11A**

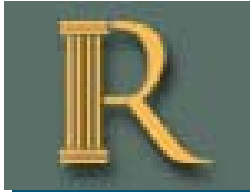
Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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QLF: ALT FTB SHD

Alteration : **Type/Intensity/Texture**
CB 2 VND
SRP 1 VND



DRILL HOLE REPORT

Hole Number **610L-17-11B**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 93	Length: 0	Dimension: NQ	Township: Bateman	Logged by: -
Dip: 21	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 342	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 18-Jul-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 18-Jul-17				Surveyed: no
Logged: 30-Dec-1899				Surveyed by: -

Comment: Rods stuck, hole abandoned. Rods in hole. Boxes marked as 610L-17-11. NOT LOGGED

Coordinate - Gemcom

East: 10041
North: 49931
Elev.: 4762

Coordinate - UTM

East: 448148.06
North: 5663885.07
Elev.: -238
Zone: 15N **NAD:** NAD83

Geophysics:

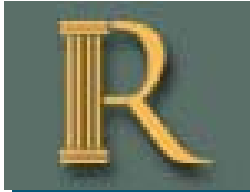
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey:

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	93.00	21.00	C	<input checked="" type="checkbox"/>	
15.00	94.10	19.40	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	87.62	18.92	DeviSh ot	<input checked="" type="checkbox"/>	
102.00	86.28	18.38	DeviSh ot	<input checked="" type="checkbox"/>	
150.00	90.80	17.50	DeviSh ot	<input checked="" type="checkbox"/>	
201.00	89.00	16.77	DeviSh ot	<input checked="" type="checkbox"/>	
252.00	90.00	16.40	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
300.00	95.78	15.61	DeviSh ot	<input checked="" type="checkbox"/>	Hole abandoned at 342m



DRILL HOLE REPORT

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

Drilling

Azimuth: 89.33

Dip: 14.07

Length: 425

Started: 26-Jul-17

Completed: 01-Aug-17

Logged: 10-Aug-17

Comment: Line 9 - Stabilized - Oriented

Casing

Length: 0

Pulled:

Capped:

Cemented: no

Core

Dimension: NQ

Storage: Core Farm

Section:

Hole Type Diamond drill

Location

Township: Bateman

Claim No.: KRL246, KR

NTS: 52N04

Hole: UNDERGRO

Other

Logged by: R. Dutka

Relog by:

Contractor: Boart Longyear

Spotted by: C. Hunter

Surveyed: yes

Surveyed by: Mark Cottrell

Geophysics:

Geophysic

Contractor:

Left in hole:

Making water: no

Multi shot survey: yes

Coordinate - Gemcom

East: 10041.378

North: 49931.286

Elev.: 4763.45

Coordinate - UTM

East: 448148.54

North: 5663885

Elev.: -236.55

Zone: 15N **NAD:** NAD83

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	89.33	14.07	C	<input checked="" type="checkbox"/>	
10.00	89.63	14.07	Gyro	<input checked="" type="checkbox"/>	
15.00	94.02	13.64	DeviSh ot	<input type="checkbox"/>	
20.00	89.79	14.07	Gyro	<input checked="" type="checkbox"/>	
30.00	89.93	13.97	Gyro	<input checked="" type="checkbox"/>	
40.00	90.03	13.84	Gyro	<input checked="" type="checkbox"/>	
50.00	90.24	13.75	Gyro	<input checked="" type="checkbox"/>	
51.00	87.62	13.50	DeviSh ot	<input type="checkbox"/>	
60.00	90.41	13.68	Gyro	<input checked="" type="checkbox"/>	
70.00	90.68	13.64	Gyro	<input checked="" type="checkbox"/>	
80.00	90.89	13.72	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
90.00	90.77	13.72	Gyro	<input checked="" type="checkbox"/>	
100.00	91.05	13.76	Gyro	<input checked="" type="checkbox"/>	
102.00	84.46	13.14	DeviSh ot	<input type="checkbox"/>	
110.00	91.27	13.74	Gyro	<input checked="" type="checkbox"/>	
120.00	91.50	13.65	Gyro	<input checked="" type="checkbox"/>	
130.00	91.79	13.50	Gyro	<input checked="" type="checkbox"/>	
140.00	91.95	13.42	Gyro	<input checked="" type="checkbox"/>	
149.00	85.02	13.16	DeviSh ot	<input type="checkbox"/>	
150.00	92.26	13.31	Gyro	<input checked="" type="checkbox"/>	
160.00	92.53	13.17	Gyro	<input checked="" type="checkbox"/>	
170.00	92.75	13.23	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-12

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	93.09	13.13	Gyro	<input checked="" type="checkbox"/>	
190.00	93.27	12.98	Gyro	<input checked="" type="checkbox"/>	
200.00	93.43	12.65	Gyro	<input checked="" type="checkbox"/>	
201.00	89.44	12.33	DeviSh ot	<input type="checkbox"/>	
210.00	93.62	12.57	Gyro	<input checked="" type="checkbox"/>	
220.00	93.71	12.44	Gyro	<input checked="" type="checkbox"/>	
230.00	93.83	12.34	Gyro	<input checked="" type="checkbox"/>	
240.00	93.98	12.24	Gyro	<input checked="" type="checkbox"/>	
249.00	95.22	11.67	DeviSh ot	<input type="checkbox"/>	
250.00	94.18	12.21	Gyro	<input checked="" type="checkbox"/>	
260.00	94.37	12.05	Gyro	<input checked="" type="checkbox"/>	
270.00	94.71	11.90	Gyro	<input checked="" type="checkbox"/>	
280.00	95.01	11.71	Gyro	<input checked="" type="checkbox"/>	
290.00	95.17	11.52	Gyro	<input checked="" type="checkbox"/>	
299.00	98.13	10.94	DeviSh ot	<input type="checkbox"/>	
300.00	95.31	11.34	Gyro	<input checked="" type="checkbox"/>	
310.00	95.49	11.33	Gyro	<input checked="" type="checkbox"/>	
320.00	95.60	11.33	Gyro	<input checked="" type="checkbox"/>	
330.00	95.86	11.30	Gyro	<input checked="" type="checkbox"/>	
340.00	96.08	11.15	Gyro	<input checked="" type="checkbox"/>	
350.00	96.23	11.12	Gyro	<input checked="" type="checkbox"/>	
351.00	98.89	10.77	DeviSh ot	<input type="checkbox"/>	
360.00	96.41	11.10	Gyro	<input checked="" type="checkbox"/>	
370.00	96.57	10.94	Gyro	<input checked="" type="checkbox"/>	
380.00	96.72	10.89	Gyro	<input checked="" type="checkbox"/>	
390.00	96.86	10.89	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	97.63	10.33	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)													
0.00	3.00	Feature 1																						
		<p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FOL BRK</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , well developed foliation/bx fabric @ 55-65 tca, strong pervassive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 75 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td>Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>BIO 1 PCH</td> <td></td> </tr> <tr> <td>TLC 2 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table> <p>Structure:</p> <p>2.90 - 3.00 Alpha: 75 Beta: 0</p> <table style="margin-left: 20px;"> <tr> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>CD</td> <td></td> <td></td> </tr> </table>	Type/Intensity/Texture		BIO 1 PCH		TLC 2 PCH		CHL 3 PRV		Type/GEN/Intensity	CA1:	CA2:	CD										
Type/Intensity/Texture																								
BIO 1 PCH																								
TLC 2 PCH																								
CHL 3 PRV																								
Type/GEN/Intensity	CA1:	CA2:																						
CD																								
3.00	5.24	Feature 1																						
		<p>Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: ALT MAS MIN</p> <p>Mafic Dyke: Fine-grained, dark brownish-green, massive textured, local bio alteration proximal to both contacts, strong pervassive chl alteration, weak fracturing @ 70 tca (1/m), weak (<1%) qtz-carb str/threads @ 35-40 tca, 1-2% mineralization as fine-gr dissem po-py, weakly magnetitic throughout, sharp contacts @ 75-85 tca.</p> <p>Alteration :</p> <p>Type/Intensity/Texture</p>																						



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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BIO 2 PCH
CHL 3 PRV

Structure:

5.23 - 5.24 Alpha: 85 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CD

Mineralization Maj. : Type/GSZ%/HABIT

3.00 - 5.24 PY GS1 0.5 DIS
 3.00 - 5.24 PO GS1 1.5 DIS

Comment

Mafic Dyke: 1-2% mineralization as fine-gr
dissem po-py, weakly magnetitic throughout,
 Mafic Dyke: 1-2% mineralization as fine-gr
dissem po-py, weakly magnetitic throughout,

5.24 31.90 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNM	C

QLF: ALT DEFS FTB

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, strong foliation/shear fabric @ 60 to 75 tca, increasing rubbly breccia textures (flow top breccia) downhole, strong deformation throughout with folding/fracturing/foliation/shear fabrics present @ 60 to 75 tca, badly broken core throughout with local narrow gouges, strong pervasive chl alteration and patchy talc alteration which increases downhole, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are orientation @ 40 to 60 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 75 tca.

Alteration : **Type/Intensity/Texture**

BIO 1 PCH
TLC 2 PCH
CHL 3 PRV

Structure:



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	31.89 - 31.90	Alpha: 75 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C				
		QLF: ALT DEFS FTB									
31.90	33.48	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BND					
		QLF: ALT MAS FRA									
		Mafic Dyke: Fine-grained, dark brownish-green, massive textured, local bio alteration proximal to both contacts, strong pervassive chl alteration, weak fracturing @ 70-80 tca (1/m), weak (<1%) qtz-carbthreads @ 65 tca, trace mineralization as fine-gr dissem po-py, weakly magnetitic throughout, sharp contacts @ 75 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 PCH									
		BIO 3 PRV									
		Structure:									
	33.47 - 33.48	Alpha: 75 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
33.48	36.38	Feature 1									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GNM Vein</p> <p>QLF: ALT DEFS FRA</p> <p>Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, strong foliation/shear fabric @ 60 to 75 tca, strong deformation throughout with folding/fracturing/foliation/shear fabrics present @ 60 to 75 tca, badly broken core throughout, strong pervasive chl alteration and patchy talc alteration, veining consist of 1-2% irregular/ fragmented/boudinaged/ folded qtz-carb strcs, no visible mineralization, sharp lower contact with Mafic Dyke @ 55 tca.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 1 PCH</p> <p style="padding-left: 40px;">TLC 2 PCH</p> <p style="padding-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>36.37 - 36.38 Alpha: 55 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">CD</p>									
36.38	40.63	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BND Vein</p> <p>QLF: ALT GS1 MAS</p> <p>Mafic Dyke: Fine-grained, dark brownish-green, massive textured, local bio alteration proximal to both contacts, strong pervasive chl alteration, weak fracturing @ 70-80 tca (1/m), weak (<1%) qtz-carb threads @ 45 tca, trace mineralization as fine-gr disseminated po-py, weakly magnetitic throughout, sharp contacts @ 55 tca.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">CHL 3 PRV</p> <p style="padding-left: 40px;">BIO 2 PCH</p>									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
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40.63 161.73 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM	

QLF: ALT FTB FRA

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), local light green chert sutures and possible pillow selveges, strong deformation throughout with local folding/fracturing/foliation fabrics present @ 45 to 60 tca, badly broken core throughout with minor local narrow gouges, strong pervasive chl alteration and patchy talc alteration which increases downhole becoming pervasive, veining consist of 1% irregular/ fragmented/boudinaged qtz-carb str, local curvilinear fractures @ 25 to 35 tca in sections of strong flow top bx which are infilled with talc-serpentine with slickenside development on fracture surfaces, no visible mineralization, lower contact with Mafic Dyke sharp @ 60 tca.

Alteration :

Type/Intensity/Texture
CB 1 PCH
TLC 2 PCH
CHL 3 PRV

Structure:

161.72 - 161.73	Alpha: 60	Beta: 0
	Type/GEN/Intensity	CA1: CA2:
	CD	

161.73 169.25 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND	

QLF: ALT MAS FRA



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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Mafic Dyke: Fine-grained, dark brownish-green, massive textured, strong pervasive chl and weak patchy bio alteration proximal to contacts, weak fracturing @ 55 to 65 tca (1-2/m), weak (<1%) white planar qtz-carb-calcite str/threads @ 40 to 65 tca, no visible mineralization, however weakly magnetitic throughout, sharp contacts @ 65 and 50 tca.

Alteration : **Type/Intensity/Texture**
 AMP
 BIO 1 PCH
 CHL 3 PRV

Structure:
 169.24 - 169.25 Alpha: 50 Beta: 0
 Type/GEN/Intensity **CA1: CA2:**
 CD

169.25	300.89	Feature 1	PED54491	300.00	300.89	0.89	0.03	0.034	-	-
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Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL	

QLF: ALT FTB FRA

Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), local light green chert sutures and possible pillow selveges, strong deformation throughout with local folding/fracturing/foliation fabrics present @ 45 to 60 tca, badly broken core throughout with minor local narrow gouges, strong pervasive chl alteration and patchy talc alteration which increases downhole becoming pervasive, veining consist of 1% irregular/ fragmented/boudinaged qtz-carb str, local curvilinear fractures @ 25 to 35 tca in sections of strong flow top bx which are infilled with talc-serpentine with slickenslide development on fracture surfaces, no visible mineralization, lower contact with Felsic Dyke sharp @ 48 tca.

Alteration : **Type/Intensity/Texture**
 CB 2 PCH
 TLC 2 PCH



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 LOC									
		Structure:									
	300.88 - 300.89	Alpha: 48 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
300.89	320.57	Feature 1	PED54492	300.89	302.00	1.11	0.12	0.116	-	-	
		Type	PED54493	302.00	303.00	1.00	1.04	1.040	-	-	
		Dyke % Thickness Colour Vein	PED54494	303.00	304.00	1.00	0.42	0.418	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 98 0 BNM	PED54495	304.00	305.00	1.00	0.26	0.255	-	-	
		QLF: ALT MAS FRA	PED54496	305.00	306.00	1.00	0.31	0.309	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing @ 30-35 tca (<1/m) and 40 to 60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb str @ 5 to 25 tca and 60 to 70 tca, trace fine-gr dissemin py., sharp contacts @ 48 and 85 tca.	PED54497	306.00	307.00	1.00	0.27	0.270	-	-	
			PED54498	307.00	308.00	1.00	0.35	0.346	-	-	
			PED54499	308.00	309.00	1.00	0.75	0.753	-	-	
			PED54500	309.00	310.00	1.00	0.32	0.321	-	-	
		Alteration :	PED54501	310.00	311.00	1.00	3.40	3.400	-	-	
		Type/Intensity/Texture	PED54502	311.00	312.00	1.00	0.89	0.892	-	-	
		CHL 1 FF	PED54503	312.00	313.00	1.00	0.76	0.757	-	-	
		SIL 3 PRV	PED54504	313.00	314.00	1.00	0.51	0.512	-	-	
		BIO 2 PCH	PED54506	314.00	315.00	1.00	0.95	0.949	-	-	
		Structure:	PED54507	315.00	316.00	1.00	0.31	0.305	-	-	
	320.56 - 320.57	Alpha: 85 Type/GEN/Intensity CD	PED54508	316.00	317.00	1.00	0.96	0.960	-	-	
		Beta: 0 CA1: CA2:	PED54509	317.00	318.00	1.00	3.63	3.630	-	-	
		Feature 2:	PED54510	318.00	319.00	1.00	1.60	1.600	-	-	
		Type	PED54512	319.00	320.00	1.00	0.39	0.386	-	-	
		Dyke % Thickness Colour Vein	PED54513	320.00	320.57	0.57	0.73	0.731	-	-	
		V2A Quartz_carb_actinolite_vein <input checked="" type="checkbox"/> 2 0 GYM S									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
320.57	335.50	Feature 1	PED54514	320.57	321.00	0.43	2.24	2.240	-	-	
		Type	PED54515	321.00	322.00	1.00	1.86	1.860	-	-	
		E0B Komatiitic_basalt	PED54516	322.00	323.00	1.00	0.00	<0.005	-	-	
		QLF: ALT MAS FOL	PED54517	323.00	324.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt: As above, fine-grained, greenish-grey colour, massive textured to weakly developed foliation fabric @ 20 to 40 tca, strong pervassive chl alteration and weak patchy talc alteration, veining consist of <1% planar qtz-carb strrs/threads @ 20 to 45 tca and as irregular threads throughout the unit, weak fracturing @ 10 to 20 tca (1/m) and 40 to 60 tca (1-2/m), no visible mineralization, lower contact with Felsic Dyke sharp @ 75 tca.	PED54519	324.00	325.00	1.00	0.00	<0.005	-	-	
			PED54520	325.00	326.00	1.00	0.00	<0.005	-	-	
			PED54521	326.00	327.00	1.00	0.00	<0.005	-	-	
			PED54522	327.00	328.00	1.00	0.00	<0.005	-	-	
		Alteration :	PED54523	328.00	329.00	1.00	0.01	0.008	-	-	
		Type/Intensity/Texture	PED54524	329.00	330.00	1.00	0.00	<0.005	-	-	
		TLC 1 PCH	PED54525	330.00	331.00	1.00	0.00	<0.005	-	-	
		CHL 3 PRV	PED54526	331.00	332.00	1.00	0.00	<0.005	-	-	
		Structure:	PED54527	332.00	333.00	1.00	0.00	<0.005	-	-	
		335.49 - 335.50 Alpha: 75 Beta: 0	PED54528	333.00	334.00	1.00	0.00	<0.005	-	-	
		Type/GEN/Intensity	PED54529	334.00	335.00	1.00	0.00	<0.005	-	-	
		CD CA1: CA2:	PED54530	335.00	335.50	0.50	0.00	<0.005	-	-	
335.50	344.30	Feature 1	PED54531	335.50	336.00	0.50	0.33	0.331	-	-	
		Type	PED54532	336.00	337.00	1.00	2.35	2.350	-	-	
		I3 Felsic_intrusive	PED54534	337.00	338.00	1.00	0.69	0.689	-	-	
		QLF: ALT MAS VND	PED54535	338.00	339.00	1.00	0.33	0.328	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 30-35 tca (<1/m) and 40 to 60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local badly broken core, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb strrs @ 10 to 25 tca and 40 to 60 tca, trace fine-gr dissesem py., sharp contacts @ 75 and 65 tca.	PED54536	339.00	340.00	1.00	0.42	0.422	-	-	
			PED54537	340.00	341.00	1.00	0.21	0.207	-	-	
			PED54539	341.00	342.00	1.00	0.18	0.178	-	-	
			PED54540	342.00	343.00	1.00	0.94	0.941	-	-	
		Alteration :	PED54541	343.00	344.00	1.00	0.38	0.381	-	-	
		Type/Intensity/Texture	PED54542	344.00	344.30	0.30	0.67	0.667	-	-	
		CHL 1 FF									
		SIL 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		BIO 3 PCH										
		Structure:										
	344.29 - 344.30	Alpha: 65 Type/GEN/Intensity CD										
		Beta: 0 CA1: CA2:										
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	2	0	GYM	S					
		QLF: ALT MAS VND										
		Alteration : Type/Intensity/Texture										
		SIL 2 PRV										
344.30	345.65	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL						
		QLF: ALT GS1 FOL										
		Komatiitic Basalt: As above, fine-grained, greenish-grey colour, weakly developed foliation fabric @ 45 to 50 tca, strong pervasive chl alteration and weak patchy talc alteration, veining consist of <1% planar qtz-carb strs/threads @ 40 to 45 tca and as irregular threads throughout the unit, weak fracturing @ 25 tca (1/m) and 40 to 70 tca (1-2/m), no visible mineralization, lower contact with Felsic Dyke sharp @ 40 tca.										
		Alteration : Type/Intensity/Texture										
		BIO 1 PCH										
		TLC 1 PCH										
		CHL 3 PRV										
		Structure:										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	345.64 - 345.65	Alpha: 40 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
345.65	361.00	Feature 1	PED54545	345.65	346.00	0.35	0.10	0.095	-	-	
		Type	PED54546	346.00	347.00	1.00	0.45	0.450	-	-	
		Dyke % Thickness Colour Vein	PED54547	347.00	348.00	1.00	0.73	0.730	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 98 0 BNM S	PED54548	348.00	349.00	1.00	0.59	0.593	-	-	
		QLF: ALT MAS FRA	PED54550	349.00	350.00	1.00	1.44	1.440	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervassive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 20 to 25 tca (<1/m) and 40 to 60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local badly broken core, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb str @ 10 to 25 tca and 40 to 50 tca, trace fine-gr dissemin py., sharp contacts @ 40 and 70 tca.	PED54551	350.00	351.00	1.00	0.25	0.247	-	-	
			PED54552	351.00	352.00	1.00	0.31	0.314	-	-	
			PED54553	352.00	353.00	1.00	0.15	0.147	-	-	
			PED54554	353.00	354.00	1.00	0.38	0.381	-	-	
		Alteration : Type/Intensity/Texture	PED54555	354.00	355.00	1.00	0.30	0.304	-	-	
		CHL 1 FF	PED54557	355.00	356.00	1.00	0.29	0.285	-	-	
		SIL 3 PRV	PED54558	356.00	357.00	1.00	0.44	0.442	-	-	
		BIO 3 PCH	PED54559	357.00	358.00	1.00	0.91	0.912	-	-	
		Structure:	PED54560	358.00	359.00	1.00	0.24	0.241	-	-	
	360.99 - 361.00	Alpha: 70 Type/GEN/Intensity CD	PED54562	359.00	360.00	1.00	0.35	0.354	-	-	
		Beta: 0 CA1: CA2:	PED54563	360.00	361.00	1.00	0.57	0.572	-	-	



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- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
361.00	367.85	Feature 1	PED54565	361.00	362.00	1.00	0.01	0.007	-	-
		Type	PED54566	362.00	363.00	1.00	0.01	0.005	-	-
		E0B Komatiitic_basalt	PED54567	363.00	364.00	1.00	0.00	<0.005	-	-
		QLF: ALT MAS FRA	PED54568	364.00	365.00	1.00	0.00	<0.005	-	-
		Komatiitic Basalt: As above, fine-grained, greenish-grey colour, massive textured to weakly developed foliation fabric @ 40 to 45 tca, strong pervasive chl alteration and weak patchy talc alteration, veining consist of <1% planar qtz-carb strs/threads @ 40 to 55 tca and as irregular threads throughout the unit, weak fracturing @ 35 to 45 tca (1/m) and 50 to 60 tca (1-2/m), no visible mineralization, lower contact with Felsic Dyke sharp @ 70 tca.	PED54569	365.00	366.00	1.00	0.00	<0.005	-	-
			PED54570	366.00	367.00	1.00	0.00	<0.005	-	-
			PED54571	367.00	367.85	0.85	0.01	0.005	-	-
		Alteration :								
		Type/Intensity/Texture								
		CB 2 PCH								
		TLC 1 PCH								
		CHL 3 PRV								
		Structure:								
		367.84 - 367.85 Alpha: 70 Beta: 0								
		Type/GEN/Intensity								
		CD CA1: CA2:								
367.85	372.96	Feature 1	PED54572	367.85	369.00	1.15	0.95	0.949	-	-
		Type	PED54573	369.00	370.00	1.00	0.40	0.396	-	-
		I3 Felsic_intrusive	PED54574	370.00	371.00	1.00	0.42	0.421	-	-
		QLF: ALT MAS FRA	PED54575	371.00	372.00	1.00	0.36	0.359	-	-
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 30 to 40 tca (<1/m) and 55 to 60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local broken core, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb strs @ 10 to 25 tca and 40 to 50 tca, trace fine-gr dissemin py., sharp contacts @ 70 and 45 tca.	PED54576	372.00	372.96	0.96	0.47	0.470	-	-
		Alteration :								
		Type/Intensiv/Texture								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
		<p>Alteration : Type/Intensity/Texture</p> <p>CHL 1 FF</p> <p>SIL 3 PRV</p> <p>BIO 3 PCH</p>																					
		<p>Structure:</p> <p>372.95 - 372.96 Alpha: 45 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> CD</p>																					
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V2A Quartz_carb_actinolite_vein</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">S</td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 3 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	2	0	GYM	S									
Type	Dyke	%	Thickness	Colour	Vein																		
V2A Quartz_carb_actinolite_vein	<input checked="" type="checkbox"/>	2	0	GYM	S																		
372.96	374.25	Feature 1	PED54577	372.96	373.50	0.54	0.01	0.008	-	-													
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNL</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: As above, fine-grained, greenish-grey colour, massive textured to weakly developed foliation fabric @ 70 tca, strong pervassive chl alteration and weak patchy talc alteration, veining consist of <1% planar qtz-carb strrs/threads @ 50 to 70 tca and as irregular threads throughout the unit, weak fracturing @ 30 to 35 tca (1/m) and 70 tca (1/m), no visible mineralization, lower contact with High-Ti Basalt sharp @ 60 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p>CB 2 PCH</p> <p>TLC 1 PCH</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL		PED54578	373.50	374.25	0.75	0.07	0.065	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNL																			



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	374.24 - 374.25	Alpha: 60 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
374.25	391.50	Feature 1	PED54579	374.25	375.00	0.75	0.01	0.011	-	-	
		Type	PED54580	375.00	376.00	1.00	0.01	0.013	-	-	
		Dyke % Thickness Colour Vein	PED54581	376.00	377.00	1.00	0.02	0.023	-	-	
		E1H High_titanium_basalt □ 98 0 GNM S	PED54582	377.00	378.00	1.00	0.01	0.014	-	-	
		QLF: ALT MAS VND	PED54583	378.00	379.00	1.00	0.01	0.008	-	-	
		High-Ti Basalt: Fine-grained, massive textured, greenish-brown colour, strong pervasive chl alteration and weak to moderate patchy silica-bio alteration, weak to moderate fracturing @ 20 to 30 tca (1-2/m) and 55 to 60 tca (1-2/m), minor veining (1-2%) qtz-carb-act strsthreads @ 10 to 15 tca, trace mineralization as fine-grained dissem po-py which locally increases to 1% proximal to veining (notibly from 383.7 to 387 m and 390 to 391 m), lower contact with Felsic Dyke somewhat irregular @ 10 tca	PED54585	379.00	380.00	1.00	0.01	0.008	-	-	
			PED54586	380.00	381.00	1.00	0.33	0.329	-	-	
			PED54588	381.00	382.00	1.00	0.01	0.011	-	-	
			PED54589	382.00	383.00	1.00	0.03	0.030	-	-	
		Alteration :	PED54590	383.00	383.70	0.70	0.12	0.117	-	-	
		Type/Intensity/Texture	PED54591	383.70	384.30	0.60	7.94	7.940	-	-	
		BIO 1 PCH	PED54593	384.30	385.00	0.70	0.02	0.019	-	-	
		SIL 2 PRV	PED54594	385.00	386.00	1.00	0.01	0.008	-	-	
		CHL 3 PRV	PED54595	386.00	387.00	1.00	0.01	0.014	-	-	
		Structure:	PED54596	387.00	388.00	1.00	0.06	0.062	-	-	
	391.49 - 391.50	Alpha: 10 Type/GEN/Intensity CD	PED54597	388.00	389.00	1.00	0.04	0.037	-	-	
		Beta: 0 CA1: CA2:	PED54598	389.00	390.00	1.00	0.04	0.036	-	-	
			PED54599	390.00	391.00	1.00	0.13	0.128	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT	PED54600	391.00	391.50	0.50	8.19	8.190	-	-	
	383.70 - 387.00	PY GS1 0.5 DIS									
		Comment									
		High-Ti Basalt: trace mineralization as fine-grained dissem po-py which locally increases to 1% proximal to veining (notibly from 383.7 to 387 m and 390 to 391m.)									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>			<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)		
	383.70 - 387.00	PO	0.5	DIS											
	391.00 - 392.00	PY	GS1	0.5 DIS											
	391.00 - 392.00	PO	GS1	0.5 DIS											
391.50	408.00	Feature 1			PED54601	391.50	392.00	0.50	1.60	1.600	-	-			
		Type	Dyke	%	Thickness	Colour	Vein								
		I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	BNM	S	PED54602	392.00	393.00	1.00	0.52	0.519	-	-
		QLF: ALT MAS VND						PED54603	393.00	394.00	1.00	0.55	0.550	-	-
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 10 to 20 tca (<1/m) and 55 to 60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local broken core, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb str @ 10 to 25 tca and 40 to 65 tca, trace fine-gr dissemin py., contacts @ 10 and 55 tca.						PED54604	394.00	395.00	1.00	0.44	0.440	-	-
		Alteration :	Type/Intensity/Texture					PED54605	395.00	396.00	1.00	0.55	0.549	-	-
			CHL 1 FF					PED54607	396.00	397.00	1.00	0.31	0.310	-	-
			SIL 3 PCH					PED54608	397.00	398.00	1.00	0.27	0.269	-	-
			BIO 3 PCH					PED54609	398.00	399.00	1.00	0.30	0.298	-	-
		Structure:						PED54610	399.00	400.00	1.00	0.59	0.592	-	-
		Alpha: 55		Beta: 0				PED54612	400.00	401.00	1.00	0.37	0.370	-	-
		Type/GEN/Intensity		CA1:	CA2:			PED54613	401.00	402.00	1.00	0.59	0.591	-	-
		CD						PED54614	402.00	403.00	1.00	0.37	0.374	-	-
	407.99 - 408.00							PED54615	403.00	404.00	1.00	0.22	0.219	-	-
								PED54616	404.00	405.00	1.00	0.63	0.628	-	-
								PED54617	405.00	406.00	1.00	0.60	0.599	-	-
								PED54618	406.00	407.00	1.00	0.57	0.567	-	-
								PED54619	407.00	408.00	1.00	0.40	0.404	-	-



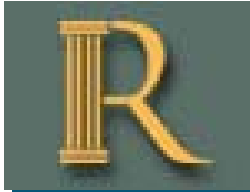
LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-12**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
408.00	425.00	Feature 1	PED54621	408.00	409.00	1.00	0.06	0.056	-	-
		Type	PED54622	409.00	410.00	1.00	0.00	<0.005	-	-
		E0B Komatiitic_basalt	PED54623	410.00	411.00	1.00	0.14	0.142	-	-
		QLF: ALT MAS DEF	PED54624	411.00	412.00	1.00	0.01	0.010	-	-
		Komatiitic Basalt: As above, fine-grained, greenish-grey colour, massive textured to weakly developed foliation fabric @ 70 tca, strong pervassive chl alteration and weak patchy talc alteration which increases downhole local weak patchy bio alteration proximal to increased veining, veining consist of 1-2% planar qtz-carb-act strrs/threads @ 20 to 70 tca and as irregular threads throughout the unit, weak fracturing @ 30 to 35 tca (1/m) and 60 to 70 tca (1/m), no visible mineralization, EOH.	PED54625	412.00	412.60	0.60	0.00	<0.005	-	-
			PED54626	412.60	413.50	0.90	0.00	<0.005	-	-
			PED54627	413.50	414.50	1.00	0.00	<0.005	-	-
		Alteration :								
		Type/Intensity/Texture								
		SRP 1 VND								
		TLC 2 PCH								
		CHL 3 PRV								



DRILL HOLE REPORT

Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 89.52	Length: 0	Dimension: NQ	Township: Bateman	Logged by: W. Ahmad
Dip: 6.52	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 417	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 01-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 01-Aug-17				Surveyed: yes
Logged: 15-Aug-17				Surveyed by: Mark Cottrell

Comment: Line 9 stabilized & oriented
Driller reported bad fault 136-156m

Coordinate - Gemcom	Coordinate - UTM
East: 10041.198	East: 448148.42
North: 49931.296	North: 5663885.14
Elev.: 4763.05	Elev.: -236.95
	Zone: 15N NAD: NAD85

Geophysics:

Geophysic Contractor:

Left in hole:

Making water: no

Multi shot survey: yes

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	89.52	6.52	C	<input checked="" type="checkbox"/>	
10.00	89.70	6.52	Gyro	<input checked="" type="checkbox"/>	
15.00	93.18	6.22	DeviSh ot	<input type="checkbox"/>	
20.00	89.79	6.36	Gyro	<input checked="" type="checkbox"/>	
30.00	89.79	5.99	Gyro	<input checked="" type="checkbox"/>	
40.00	89.76	5.91	Gyro	<input checked="" type="checkbox"/>	
50.00	89.86	5.81	Gyro	<input checked="" type="checkbox"/>	
51.00	88.96	5.55	DeviSh ot	<input type="checkbox"/>	Suspect
60.00	89.87	5.61	Gyro	<input checked="" type="checkbox"/>	
70.00	89.73	5.36	Gyro	<input checked="" type="checkbox"/>	
80.00	89.68	5.26	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
90.00	89.78	5.16	Gyro	<input checked="" type="checkbox"/>	
99.00	87.70	4.60	DeviSh ot	<input type="checkbox"/>	Suspect
100.00	90.01	5.10	Gyro	<input checked="" type="checkbox"/>	
110.00	90.14	4.95	Gyro	<input checked="" type="checkbox"/>	
120.00	90.40	4.78	Gyro	<input checked="" type="checkbox"/>	
130.00	90.69	4.59	Gyro	<input checked="" type="checkbox"/>	
140.00	90.97	4.51	Gyro	<input checked="" type="checkbox"/>	
149.00	90.49	3.91	DeviSh ot	<input type="checkbox"/>	
150.00	91.27	4.36	Gyro	<input checked="" type="checkbox"/>	
160.00	91.54	4.25	Gyro	<input checked="" type="checkbox"/>	
170.00	91.80	3.98	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-13

Project: PHOENIX

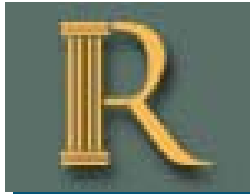
Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
180.00	92.33	4.06	Gyro	<input checked="" type="checkbox"/>	
190.00	92.64	4.02	Gyro	<input checked="" type="checkbox"/>	
200.00	92.93	3.80	Gyro	<input checked="" type="checkbox"/>	
201.00	92.90	3.40	DeviSh ot	<input type="checkbox"/>	
210.00	93.35	3.53	Gyro	<input checked="" type="checkbox"/>	
220.00	93.51	3.41	Gyro	<input checked="" type="checkbox"/>	
230.00	93.80	3.27	Gyro	<input checked="" type="checkbox"/>	
240.00	94.26	3.13	Gyro	<input checked="" type="checkbox"/>	
249.00	93.46	2.67	DeviSh ot	<input type="checkbox"/>	
250.00	94.52	2.92	Gyro	<input checked="" type="checkbox"/>	
260.00	94.98	2.79	Gyro	<input checked="" type="checkbox"/>	
270.00	95.32	2.86	Gyro	<input checked="" type="checkbox"/>	
280.00	95.77	2.83	Gyro	<input checked="" type="checkbox"/>	
290.00	96.22	2.66	Gyro	<input checked="" type="checkbox"/>	
299.00	98.90	2.30	DeviSh ot	<input type="checkbox"/>	
300.00	96.56	2.69	Gyro	<input checked="" type="checkbox"/>	
310.00	96.71	2.82	Gyro	<input checked="" type="checkbox"/>	
320.00	96.84	2.94	Gyro	<input checked="" type="checkbox"/>	
330.00	97.02	2.97	Gyro	<input checked="" type="checkbox"/>	
340.00	97.18	3.02	Gyro	<input checked="" type="checkbox"/>	
350.00	97.35	3.07	Gyro	<input checked="" type="checkbox"/>	
351.00	100.10	2.60	DeviSh ot	<input type="checkbox"/>	
360.00	97.49	3.08	Gyro	<input checked="" type="checkbox"/>	
370.00	97.65	3.08	Gyro	<input checked="" type="checkbox"/>	
380.00	97.81	2.98	Gyro	<input checked="" type="checkbox"/>	
390.00	97.95	2.91	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
399.00	100.40	2.10	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.00	Feature 1	PED68001	1.00	2.00	1.00	0.00	<0.005	-	-	-
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit <input type="checkbox"/> 0 0 GNL</p> <p>QLF: FOL ALT</p> <p>Komatiitic Basalt(Talc Rich unit). Fine to medium grained , foliated, Talc, chlorite , carbonate altered.chlorite, talc alteration is pervasive while carbonate is in the form of carbonate and qtz carbonate veining. Strongly foliated @55-65 tca</p> <p>Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 PRV</p> <p style="margin-left: 40px;">TLC 4 PRV</p> <p style="margin-left: 40px;">CB 3 VND</p> <p>Structure:</p> <p>1.49 - 1.49 Alpha: 60 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FOL</p>									
2.00	4.92	Feature 1	PED68002	2.00	3.00	1.00	0.02	0.015	-	-	-
		<p style="text-align: center;">Type</p> <p>I0E Lamprophyre <input type="checkbox"/> 0 0 BND</p> <p>QLF: MAS FRA</p> <p>Lamprophyres dyke.dark greyish brown, massive ,fine to medium grained, healed fractures, chaotic ,randomly oriented . The fractures are chlorite, actinolite filled. Disseminated and clusters of Po/Py 3-5 % to 5-7% and also make fracture fill veinlets in two directions @ 25-30 tca and @65-70 tca. Minor py and aspy are present too.Sharp upper and lower contacts @ 50tca. Some of the sulfides shapes appear replacing calcite or feldspar grains in clusters of 2-4 mm size. The sulfide veinlets are composed of qtz-carb with po/py.</p> <p>Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">BIO 2 PRV</p>	PED68003	3.00	4.00	1.00	0.00	<0.005	-	-	
			PED68004	4.00	4.92	0.92	0.04	0.035	-	-	-



LITHOLOGY REPORT

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Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		CB 3 VND CHL 3 FF								
		Structure:								
2.00 - 2.01		Alpha: 50 Type/GEN/Intensity CS		Beta: 0 CA1: CA2:						
3.15 - 3.20		Alpha: 20 Type/GEN/Intensity V2S		Beta: 0 CA1: CA2:						
3.27 - 3.27		Alpha: 70 Type/GEN/Intensity V2S		Beta: 0 CA1: CA2:						
4.00 - 4.05		Alpha: 30 Type/GEN/Intensity V2S		Beta: 0 CA1: CA2:						
4.06 - 4.22		Alpha: 20 Type/GEN/Intensity V2S		Beta: 0 CA1: CA2: 5 20						
4.54 - 4.64		Alpha: 40 Type/GEN/Intensity V2S		Beta: 0 CA1: CA2:						
		Mineralization Maj. : Type/GSZ%/HABIT		Comment						
2.00 - 3.00		PY GS1 1								
2.00 - 3.00		PO GS1 3 DIS								
3.00 - 4.92		PO GS1 2 DIS		po/py both diss and fracture fill veinlets 3-5%						
3.00 - 4.92		PY GS1 1 FRA		po/py both diss and fracture fill veinlets 3-5%						
3.00 - 4.92		PO GS1 3 FRA		po/py both diss and fracture fill veinlets 3-5%						



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Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
4.92	36.93	Feature 1	PED68005	4.92	6.00	1.08	0.00	<0.005	-	-	-
		<p>Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT FOL</p> <p>Komatiitic Basalt(Talc Rich unit). Fine to medium grained , foliated, Talc, chlorite , carbonate altered.chlorite, talc is pervassive while carbonate is in the form of carbonate and Qtz carbonate veining. Strong to moderately foliated @ 50-60 tca. The core is broken and crushed between27-36 m comparatively low recovery.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">CHL 3 PRV</p> <p style="margin-left: 20px;">CB 3 FF</p> <p style="margin-left: 20px;">TLC 3 PRV</p> <p>Structure:</p> <p>4.92 - 4.92 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CS</p> <p>6.20 - 6.20 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: FRA</p> <p>6.26 - 6.26 Alpha: 45 Beta: 0 Type/GEN/Intensity CA1: CA2: V3</p> <p>6.54 - 6.56 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: V3</p> <p>8.08 - 8.12 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: V3</p>									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	8.20 - 8.20	Alpha: 55 Type/GEN/Intensity FRA									
	12.60 - 12.75	Alpha: Type/GEN/Intensity V3									
	13.65 - 13.65	Alpha: 45 Type/GEN/Intensity FRA									
	13.90 - 13.98	Alpha: 40 Type/GEN/Intensity BAN									
	14.84 - 14.84	Alpha: 55 Type/GEN/Intensity FOL									
	16.23 - 16.23	Alpha: 35 Type/GEN/Intensity FRA									
	23.41 - 23.47	Alpha: 30 Type/GEN/Intensity V3									
	23.59 - 23.61	Alpha: 50 Type/GEN/Intensity V3									
	24.86 - 24.87	Alpha: 50 Type/GEN/Intensity V3									
	25.35 - 25.35	Alpha: 60 Type/GEN/Intensity FOL									



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Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	27.78 - 27.85	Alpha: 30 Type/GEN/Intensity V3								
	36.82 - 36.82	Alpha: 40 Type/GEN/Intensity FOL CV								
36.93	40.45	Feature 1								
		Type								
		10E Lamprophyre								
		QLF: MAS GS1								
		lamprophyre Dyke. Fine grained massive, dark grey in color. Local calcite veins 0.5-1 % and biotite rich veins. Sharp upper and lower contacts @40 tca and 30Tca respectively. No sig sulfides								
		Alteration :								
		Type/Intensity/Texture								
		CB 1 VND								
		BIO 1 SPT								
		Structure:								
	36.93 - 36.93	Alpha: 40 Type/GEN/Intensity CS								
	37.70 - 37.71	Alpha: 35 Type/GEN/Intensity CV								
	38.34 - 38.35	Alpha: 30 Type/GEN/Intensity V3								



LITHOLOGY REPORT

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Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
40.45	121.82	Feature 1	PED68006	104.70	105.50	0.80	0.00	<0.005	-	-	
		Type	PED68008	105.50	106.50	1.00	0.02	0.020	-	-	
		Dyke % Thickness Colour Vein	PED68009	106.50	107.25	0.75	0.05	0.046	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GYL	PED68010	114.00	114.50	0.50	0.00	<0.005	-	-	
		QLF: ALT FOL	PED68011	114.50	115.50	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt(Talc Rich unit). Fine to medium grained , foliated, Talc, chlorite , carbonate altered.chlorite, talc is pervassive while carbonate is in the form of carbonate and Qtz carbonate veining. Strong to moderately foliated 50-60 tca. Core broken between 71-73.20 m, 82-83 m and 85-86 m. A weakly sheared foliated band @30 tca 101.38-101.70 m. Section 105107 m has got 10-15% qtz- car and qtz-serpentine veins 0.5-3 cm thick in a weakly sheard talc rich band, foliated 20-40 tca.The interval 114-116 m has got a weakly sheared zone with qtz-carb -sericite-biotite- serp veinlets @10-15 tca in a foliated matrix along which the rock is broken.Section sampled.The talc rich komatiites have generally got 1-2 % qtz-carb-biotite veinlets 2-3mm to 0.5 cmrandomly oriented.Massive qtz-carb vein 115.75-116.08 m	PED68012	115.50	116.20	0.70	0.00	<0.005	-	-	
			PED68013	116.20	117.00	0.80	0.01	0.008	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CB 2 VND									
		CHL 2 PRV									
		TLC 3 PRV									
		Structure:									
	1.92 - 193.00	Alpha: 60	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		BAN									
		FOL									
	40.45 - 40.45	Alpha: 30	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		CS									
	50.70 - 50.80	Alpha: 30	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		V3									



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	61.40 - 61.40	Alpha: 65 Type/GEN/Intensity FRA								
	61.63 - 61.83	Alpha: 55 Type/GEN/Intensity FRA								
	66.75 - 66.75	Alpha: 30 Type/GEN/Intensity FRA								
	73.82 - 73.82	Alpha: 65 Type/GEN/Intensity FRA								
	82.93 - 83.02	Alpha: 30 Type/GEN/Intensity V3								
	92.32 - 92.32	Alpha: 60 Type/GEN/Intensity FRA								
	100.85 - 100.86	Alpha: 40 Type/GEN/Intensity V3								
	101.38 - 101.70	Alpha: 30 Type/GEN/Intensity SHD								
	105.93 - 106.35	Alpha: 20 Type/GEN/Intensity SHD V3								
			20	40						



LITHOLOGY REPORT

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Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	106.80 - 106.95	Alpha: 30 Type/GEN/Intensity V3T									
	109.08 - 109.09	Alpha: 50 Type/GEN/Intensity V3									
	110.45 - 110.45	Alpha: 40 Type/GEN/Intensity FRA									
	114.50 - 115.50	Alpha: 15 Type/GEN/Intensity FOL SHD									
	115.75 - 116.08	Alpha: 30 Type/GEN/Intensity V3									
121.82	123.06	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1A Basalt	☐	0	0	GNM					
		QLF: MAG GS1 ALT									
		Basalt(gabbroic dyke).or may be flow top basalt Greenish grey, medium grained massive. Sharp upper and lower contacts with the talc rich Komatiitic basalt.The upper contact is 250 tca and lower is a wavy contacts @ 20-75 tca(45tca). Local qtz-car-biot veinlets 1% 0.5-1 cm									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO 2 PRV									



LITHOLOGY REPORT

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Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
Structure:																							
121.82 - 121.82	Alpha: 50	Beta: 0																					
	Type/GEN/Intensity	CA1: CA2:																					
	FRA																						
	CS																						
122.45 - 122.57	Alpha: 35	Beta: 0																					
	Type/GEN/Intensity	CA1: CA2:																					
	V3	10 60																					
123.06	233.87	Feature 1	PED68015	129.00	130.00	1.00	0.00	<0.005	-	-													
			PED68016	130.00	131.00	1.00	0.00	<0.005	-	-													
			PED68017	131.00	132.00	1.00	0.00	<0.005	-	-													
			PED68018	154.00	155.00	1.00	0.00	<0.005	-	-													
			PED68019	155.00	156.00	1.00	0.00	<0.005	-	-													
			PED68021	156.00	157.00	1.00	0.00	<0.005	-	-													
			<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Type</td> <td style="width: 15%;">Dyke</td> <td style="width: 5%;">%</td> <td style="width: 15%;">Thickness</td> <td style="width: 15%;">Colour</td> <td style="width: 15%;">Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">□</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </table> <p>QLF: ALT FOL</p> <p>Komatiitic Basalt(Talc Rich unit). Fine to medium grained , foliated, Talc, chlorite , carbonate altered.chlorite, talc is pervasive while carbonate is in the form of carbonate and Qtz carbonate veining. Strong to moderately foliated 50-60 tca. Core broken between 71-73.20 m, 82-83 m and 85-86 m. Aweakly sheared foliated band @30 tca 101.38-101.70 m. section 129-132 m is a mildly sheared foliated tacl-komatiitic zone with qtz-carb-bioti-sericite-serptn veining 15-20% weakly foliated banded 15tca-35 tca 1-4 cm thick.sampled. 155-156 m qtz-carb-serpetine greenish tinted veins 2-3 cm thickto 0.5 cm thick @50-25 cm thick 20-30% of the interval. Crushed ground rock 171-180 m. shear zone 180.30 m to182.60 m foliated @10,15, to 25 tca.. Chert sutures 197.40-197.54 m @45 and 30 Tca. Locally the unit has got small bands of lesser talc altered massive bands of E0B basaltic, flow tops which make 10-15% of theunit. Local foliation is 30-35 tca.</p>									Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	□	0	0	GND	
Type	Dyke	%	Thickness	Colour	Vein																		
E0T Talc_rich_unit	□	0	0	GND																			
Alteration :																							
	Type/Intensity/Texture																						
	BIO 2 VND																						
	CB 3 VND																						
	TLC 3 PRV																						
Structure:																							
123.06 - 123.06	Alpha: 45	Beta: 0																					



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Type/GEN/Intensity CS									
			CA1: CA2: 20 75								
	126.30 - 126.40	Alpha: 25 Type/GEN/Intensity V2T		Beta: 0							
			CA1: CA2:								
	128.12 - 128.12	Alpha: 35 Type/GEN/Intensity FRA		Beta: 0							
			CA1: CA2:								
	129.00 - 132.00	Alpha: 20 Type/GEN/Intensity SHD		Beta: 0							
			CA1: CA2: 15 35								
	130.49 - 130.65	Alpha: 30 Type/GEN/Intensity SHD V2A		Beta: 0							
			CA1: CA2:								
	130.78 - 131.00	Alpha: 20 Type/GEN/Intensity SHD V2A		Beta: 0							
			CA1: CA2:								
	155.20 - 155.40	Alpha: 50 Type/GEN/Intensity V3		Beta: 0							
			CA1: CA2:								
	155.70 - 155.90	Alpha: 25 Type/GEN/Intensity V2A		Beta: 0							
			CA1: CA2:								
	163.90 - 163.91	Alpha: 25 Type/GEN/Intensity FRA		Beta: 0							
			CA1: CA2:								



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	164.10 - 164.20	Alpha: 30 Type/GEN/Intensity FRA CV								
	169.50 - 169.65	Alpha: 35 Type/GEN/Intensity FOL V2A								
	180.30 - 182.60	Alpha: 25 Type/GEN/Intensity FOL SHD								
	185.44 - 185.45	Alpha: 20 Type/GEN/Intensity FRA								
	188.30 - 188.45	Alpha: 30 Type/GEN/Intensity V2A								
	197.40 - 197.54	Alpha: 30 Type/GEN/Intensity V2A								
	204.70 - 204.70	Alpha: 20 Type/GEN/Intensity FRA								
233.87	234.73	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GND				



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																	
		<p>QLF: GS1 MAS ALT</p> <p>Mafic Intrusive(mafic Dyke). Fine grained , massive dark greyish green, sharp upper and lower contact @65 tca and 35 tca respectively. Weakly chlorite and serpetine altered</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>SRP</td> <td>2 FF</td> </tr> <tr> <td>CHL</td> <td>2 PRV</td> </tr> </table> <p>Structure:</p> <p>233.87 - 233.87 Alpha: 65 Beta: 0</p> <table style="margin-left: 20px;"> <tr> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>CS</td> <td></td> <td></td> </tr> </table>	Type/Intensity/Texture		SRP	2 FF	CHL	2 PRV	Type/GEN/Intensity	CA1:	CA2:	CS																
Type/Intensity/Texture																												
SRP	2 FF																											
CHL	2 PRV																											
Type/GEN/Intensity	CA1:	CA2:																										
CS																												
234.73	299.60	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </table> <p>QLF: ALT FOL</p> <p>Komatiitic Basalt. Fine to medium grained , foliated, chlorite , carbonate , talc altered.chlorite, talc is pervassive while carbonate is in the form of carbonate and Qtz carbonate veining and serpentine fracture fill veinlets 1-2% up to 238 m. The talc has decreased in this part from the above talc rich unitslocal white spottypatches show carbonate and talc with some chlorite concentration. The interval 251-261 m contains sparse fractures in flow top breccia 3-5% 1-2 cm thick. qtz-carb veinleta re laso present 0.5-1 % 30 tac-20 tca.The E0B cahnges to almost E0T with increase of talc alteration 264-276 m. The bands show more fracturing45-55tca. The bands are locally foliated 50-65tca. The interval 288 to 299.60 m upto the contact is talc rich KomatiiticBasalt with carb, chlorite, alteration. The carb qtz-chl veinlets1-2% 0.5-1 mm are randoly distributed @ 25-15 tca. The lower contact with Felsic dyke at 299.60 m is difficult to ascertain being dradational</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CHL</td> <td>3 PRV</td> </tr> <tr> <td>TLC</td> <td>3 PRV</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	□	0	0	GND		Type/Intensity/Texture		CHL	3 PRV	TLC	3 PRV	PED68022	296.00	297.00	1.00	0.01	0.014	-	-
Type	Dyke	%	Thickness	Colour	Vein																							
E0B Komatiitic_basalt	□	0	0	GND																								
Type/Intensity/Texture																												
CHL	3 PRV																											
TLC	3 PRV																											
			PED68023	297.00	298.00	1.00	0.01	0.006	-	-																		
			PED68024	298.00	299.00	1.00	0.01	0.007	-	-																		
			PED68025	299.00	299.60	0.60	0.04	0.043	-	-																		



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CB 2 VND									
		Structure:									
	224.62 - 324.90	Alpha: 35 Type/GEN/Intensity V2	Beta: 0 CA1: CA2: 20 50								
	234.73 - 234.73	Alpha: 35 Type/GEN/Intensity CS	Beta: 0 CA1: CA2:								
	290.66 - 291.82	Alpha: 15 Type/GEN/Intensity V3	Beta: 0 CA1: CA2: 15 65								
	291.84 - 291.96	Alpha: 25 Type/GEN/Intensity V3	Beta: 0 CA1: CA2:								
299.60	361.74	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM					
		QLF: GS1 MAS ALT									
		Felsic Intrusive(felsic Dyke). Light greyish brown, fine to medium grained, massive, biotite altered and silicified with zone of silicification and sericite alteration. The biotite rich bands are brownish spotted and quartz rich matrix is milky white to greysh white. Qtz veins and bands are 3-5% and 0.5-2 cm. qtz-carb and biotite veins are also present. Po/py are both disseminated 0.5% as well caorse grained sulfides associated with qtz-calcit veins with 1-2% po/py between 299.60-305 m.The veining increases 3-5% qtz-carb and qtz-chl veining 0.5-2 cm thick ness with varying sulfides po/py 1-2% 15-35 tca from 307-315 m.The silicification with sericite alteration is more pronounce around the Qtz-carb vein and qtz rich silicified bands and make white fibrous fracture fill veining along chlorite and biotite. A Qtz- chlorite vein 329.45-329.65 m 2-3 cm thick @20 tca has got a VG speck 1-2mm at the contact of vein. A very small tiny less than 0.5 mm Vg also present on a po garin in the same interval. The VG is sampled PED68063 interval 329.40-329.75 m. A quartz vein 343.65-344 m @10-25 tca and another Qtz vein in interval 344.80-346.36 m is long tapering vein 1-2 m thick 1.60 m long vein at 5 tca to 10 tca. Biotite alteration increases to very strong from 345to 357 m.. The felsic									
			PED68027	299.60	300.34	0.74	0.11	0.110	-	-	
			PED68028	300.34	301.05	0.71	0.67	0.673	-	-	
			PED68029	301.05	302.00	0.95	1.12	1.120	-	-	
			PED68031	302.00	303.00	1.00	0.47	0.474	-	-	
			PED68032	303.00	304.00	1.00	0.26	0.262	-	-	
			PED68033	304.00	305.00	1.00	0.72	0.719	-	-	
			PED68034	305.00	306.00	1.00	0.25	0.248	-	-	
			PED68035	306.00	306.70	0.70	0.57	0.569	-	-	
			PED68036	306.70	307.33	0.63	6.52	6.520	-	-	
			PED68037	307.33	308.30	0.97	0.30	0.297	-	-	
			PED68038	308.30	309.00	0.70	1.06	1.060	-	-	
			PED68039	309.00	310.00	1.00	0.14	0.135	-	-	



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		dyke 357-361.74 m is highly silicified , biotite altered with fracture fill veinlets 10-15% . The ground mass is brownish white fine grained to brownish smoky colored with dispersed po/py 0.5-1%. The lower contact is sharp and wavy with Qtz vein @55 tca and 30 tca	PED68041	310.00	311.00	1.00	0.32	0.318	-	-	
			PED68042	311.00	312.00	1.00	0.31	0.306	-	-	
			PED68043	312.00	313.00	1.00	0.36	0.364	-	-	
			PED68044	313.00	314.00	1.00	0.46	0.464	-	-	
			PED68045	314.00	315.00	1.00	0.98	0.984	-	-	
			PED68046	315.00	316.00	1.00	0.22	0.223	-	-	
			PED68047	316.00	317.00	1.00	0.51	0.514	-	-	
			PED68048	317.00	318.00	1.00	0.40	0.400	-	-	
			PED68049	318.00	319.00	1.00	0.65	0.647	-	-	
			PED68050	319.00	320.00	1.00	0.40	0.401	-	-	
			PED68051	320.00	321.00	1.00	0.45	0.447	-	-	
			PED68052	321.00	322.00	1.00	1.29	1.290	-	-	
			PED68053	322.00	323.00	1.00	1.03	1.030	-	-	
			PED68054	323.00	324.00	1.00	0.54	0.544	-	-	
			PED68056	324.00	325.00	1.00	1.21	1.210	-	-	
			PED68057	325.00	326.00	1.00	0.79	0.785	-	-	
			PED68058	326.00	327.00	1.00	0.60	0.595	-	-	
			PED68059	327.00	328.00	1.00	0.51	0.507	-	-	
			PED68061	328.00	328.70	0.70	5.36	5.360	-	-	
			PED68062	328.70	329.40	0.70	0.90	0.904	-	-	
			PED68063	329.40	329.75	0.35	7.99	7.990	-	-	
			PED68065	329.75	330.40	0.65	0.68	0.681	-	-	
			PED68066	330.40	331.00	0.60	0.33	0.327	-	-	
			PED68067	331.00	332.00	1.00	0.44	0.444	-	-	
			PED68069	332.00	333.00	1.00	0.38	0.375	-	-	
			PED68070	333.00	334.00	1.00	0.39	0.394	-	-	
			PED68071	334.00	335.00	1.00	0.40	0.402	-	-	
		Visible Gold :	SampleID/Grainsize/Style								
			PED68063 1-2mm Speck								
		Alteration :	Type/Intensity/Texture								
			SER 4 FF								
			SIL 4 VND								
			BIO 4 SPT								
		Structure:									
299.60 - 299.60		Alpha: 55 Type/GEN/Intensity CG	Beta: 0 CA1: CA2:								
300.00 - 300.18		Alpha: 20 Type/GEN/Intensity V2S	Beta: 0 CA1: CA2:								
301.05 - 301.20		Alpha: 55 Type/GEN/Intensity V2S V2A	Beta: 0 CA1: CA2: 5 15								
302.00 - 302.01		Alpha: 50 Type/GEN/Intensity V3	Beta: 0 CA1: CA2:								
304.74 - 305.82		Alpha: 40 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:								
309.50 - 309.58		Alpha: 25 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:								



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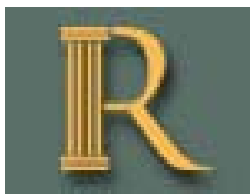
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Project: **PHOENIX**

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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
311.62 - 311.84	Alpha: 20 Type/GEN/Intensity V2 V2	Beta: 0 CA1: CA2: 50 20	PED68072	335.00	336.00	1.00	1.73	1.730	-	-	
			PED68073	336.00	337.00	1.00	1.14	1.140	-	-	
			PED68074	337.00	338.00	1.00	0.59	0.588	-	-	
			PED68076	338.00	339.00	1.00	4.84	4.840	-	-	
312.30 - 312.50	Alpha: 20 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:	PED68077	339.00	340.00	1.00	1.99	1.990	-	-	
			PED68078	340.00	341.00	1.00	1.21	1.210	-	-	
			PED68079	341.00	342.00	1.00	0.57	0.573	-	-	
315.34 - 315.35	Alpha: 80 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:	PED68081	342.00	342.80	0.80	0.79	0.793	-	-	
			PED68082	342.80	343.65	0.85	0.48	0.480	-	-	
327.58 - 327.80	Alpha: 15 Type/GEN/Intensity V2S	Beta: 0 CA1: CA2:	PED68083	343.65	344.80	1.15	0.58	0.579	-	-	
			PED68084	344.80	345.36	0.56	0.60	0.600	-	-	
			PED68085	345.36	346.36	1.00	2.75	2.750	-	-	
328.22 - 328.26	Alpha: 45 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:	PED68086	346.36	347.00	0.64	0.78	0.778	-	-	
			PED68087	347.00	348.00	1.00	0.85	0.850	-	-	
			PED68088	348.00	349.00	1.00	0.10	0.104	-	-	
329.45 - 329.65	Alpha: 20 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:	PED68089	349.00	350.00	1.00	0.11	0.108	-	-	
			PED68091	350.00	351.00	1.00	0.34	0.337	-	-	
			PED68092	351.00	352.00	1.00	0.77	0.774	-	-	
330.82 - 330.84	Alpha: 65 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:	PED68093	352.00	353.00	1.00	1.09	1.090	-	-	
			PED68094	353.00	354.00	1.00	0.43	0.430	-	-	
332.81 - 332.87	Alpha: 70 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:	PED68095	354.00	355.00	1.00	0.31	0.306	-	-	
			PED68096	355.00	356.00	1.00	0.27	0.272	-	-	
			PED68097	356.00	357.00	1.00	0.36	0.360	-	-	
333.43 - 333.46	Alpha: 60 Type/GEN/Intensity V2	Beta: 0 CA1: CA2:	PED68098	357.00	358.00	1.00	0.39	0.392	-	-	
			PED68099	358.00	359.00	1.00	0.43	0.427	-	-	
			PED68100	359.00	360.00	1.00	0.34	0.342	-	-	
			PED68101	360.00	361.00	1.00	0.78	0.779	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
	343.65 - 344.00	Alpha: 20 Type/GEN/Intensity V2	Beta: 0 CA1: CA2: 10 25	PED68102	361.00	361.74	0.74	0.84	0.837	-	-
	344.80 - 346.36	Alpha: 10 Type/GEN/Intensity V2	Beta: 0 CA1: CA2: 5 10								
	354.60 - 354.93	Alpha: 45 Type/GEN/Intensity V2	Beta: 0 CA1: CA2: 45 50								
	361.30 - 361.31	Alpha: 25 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:								
	361.40 - 361.41	Alpha: 50 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:								
	Mineralization Maj. :	Type/GSZ%/HABIT	Comment								
	299.60 - 302.00	PY GS1 0.5	po/py in qtz-cal veins and in disseminated form. The veined sulfide are coarse grained than diss.								
	299.60 - 302.00	PO GS1 0.5	po/py in qtz-cal veins and in disseminated form. The veined sulfide are coarse grained than diss.								
	299.60 - 302.00	PO GS2 2 TAB	po/py in qtz-cal veins and in disseminated form. The veined sulfide are coarse grained than diss.								
	302.00 - 306.70	PO GS1 0.5 DIS	po/py in veins and diss								
	306.70 - 307.33	PO GS2 3 STR	sulfides in qtz-carb veins								
	307.33 - 308.30	PO GS1 0.5 DIS									
	308.30 - 310.00	PY GS1 1 STR	qtz-carb veining with with blebs of po/ py 2-3 % in each vein								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	308.30 - 310.00	PO GS1 1.5 STR									
	329.40 - 329.75	PO 0.5									
		qtz-carb veining with with blebs of po/ py 2-3 % in each vein									
		.A Qtz- chlorite vein 329.45-329.65 m 2-3 cm thick @20 tca has got a VG speck 1-2mm at the contact of qtz vein around chlorite fracture fill. A very small tiny less than 0.5 mm may be VG? also present on a phrrhotite garin. The VG is sampled PED68063 interval 329.40-329.75 m is @329.57 m									
361.74	362.38	Feature 1	PED68103	361.74	362.38	0.64	4.60	4.600	-	-	
		Type									
		V2 Quartz_vein									
		QLF: MAS VND ALT									
		Quartz vein. Massive , milky white with jet black fracture fill veinlets of tourmaline, biotite, calcite with local coarse grained blebs of pyrrhotite. The jet balck tourmaline rich veinlets are 3-5 mm to 0.5 cm thick are generally rorinted in 70-75 tca, while biotite chlorite with tourmaline veinlets are are15-30 tca. The upper contact is sharp wavy at 30 to55 tc and lower contact is @25 tca. The lower contact is with qtz -carb rich altered E0B.. The tourmaline, biotite, calcite rich veinlets 2-3mm make 20-30% of the quartz vein. The sulfides maily Pyrrhotite are present in some tourmaline calcite veinlets and absent in others. The py 1-2%									
		Alteration :									
		Type/Intensity/Texture									
		BIO 2 VND									
		TRM 3 VND									
		Structure:									
	361.74 - 361.74	Alpha: 50				Beta: 0					
		Type/GEN/Intensity				CA1: CA2:					
		CS									
	361.90 - 361.91	Alpha: 70				Beta: 0					
		Type/GEN/Intensity				CA1: CA2:					
		V2T									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	362.20 - 362.21	Alpha: 75 Type/GEN/Intensity V2T									
		Beta: 0 CA1: CA2:									
	Mineralization Maj. :	Type/GSZ%/HABIT									
	361.74 - 362.38	PO GS2 3 STR									
		Comment qtz vein with CG blebs of po in tourmaline, biotite, calc veins . The veins contain 5-10% po									
362.38	363.18	Feature 1	PED68105	362.38	363.18	0.80	0.00	<0.005	-	-	
		Type									
		E0B Komatiitic_basalt									
		QLF: FOL ALT GS1									
		Komatiitic Basalt. Greenish grey, massive strongly foliated. Chlorite, biotite carb altered.foliation @15 tca. The last 15-18 cm part 363-363.18 m is strongly biotite altered with caarse gained biotite along foliation @15-20 tca. The E0B contains 30-40% Qtz-carb-tourmaline veins2-4 cm thick and 15-20 cm long. The tourmline euhedral to subhedral grains make 5-10% of the qtz-carb -biot-actinolite veins. Randomly scattered medium grained blebs of pyrrhotite 3-4% is present in the Qtz-carb veins. The vein contacts are @.15-25 tca									
		Alteration :									
		Type/Intensity/Texture									
		TRM 3 VND									
		CHL 3 PRV									
		BIO 4 BAN									
		Structure:									
	362.38 - 362.38	Alpha: 25 Type/GEN/Intensity CS									
		Beta: 0 CA1: CA2:									
	Mineralization Maj. :	Type/GSZ%/HABIT									
	362.38 - 363.18	PO GS3 5 BLB									
		Comment CG Po blebs in qt--carb-act vein in E0B. Po is confined to part of vein.									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
Feature 2:											
		Type									
		V2T Quartz_vein_with_tourmaline	☐	30		0	WHT				
		QLF: FOL ALT GS1									
		Alteration : Type/Intensity/Texture									
		AC 3 FF									
363.18	367.50	Feature 1									
		Type									
		E0B Komatiitic_basalt	☐	0		0	GND				
		QLF: MAS ALT GS1									
		(Komatiitic Basalt) Fine grained massive to locally weakly foliated , banded and veined with Qtz-carb veinlets 2-3% 1-3 cm thick @40-50 tca. The unit is greenish to greenish dark with local bands blackish in color, weakly to strongly silicified.. Chlorite,biotite and carb altered. May Hi Ti basalt E0B. No sig sulfides seen.									
		Alteration : Type/Intensity/Texture									
		SIL 2 VND									
		CB 3 FF									
		CHL 3 PRV									
		Structure:									
		363.18 - 363.18 Alpha: 20 Beta: 245									
		Type/GEN/Intensity CA1: CA2:									
		CS									
							0.55	0.547	-	-	
							0.99	0.994	-	-	
							0.34	0.339	-	-	
							1.98	1.980	-	-	
							2.38	2.380	-	-	



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
367.50	417.00	Feature 1	PED68112	367.50	368.40	0.90	0.91	0.914	-	-	
		Type	PED68113	368.40	369.00	0.60	0.05	0.050	-	-	
		E0B Komatiitic_basalt	PED68114	369.00	370.00	1.00	0.03	0.027	-	-	
		QLF: MAS ALT FOL	PED68115	370.00	371.00	1.00	0.01	0.006	-	-	
		<p>Komatiitic Basalt. Dark greenish grey, fine to medium grained, massive to locally weakly foliated. Qz-carb veining present 3-5% from a 1 mm size to 0.5 cm along foliation and weakly folded crenulated. Local bands 371.50-373.50 m are dark blackish colored, silicified and may be Hi Ti Basalt.? The unit is variably silicified weak to strong pervasively and in the form of Qtz-carb veining, generally @ 50-70 tca. The section 379 to 391.50 m E0B is strongly silicified and chlorite altered with weak biotite alteration and contains randomly oriented qtz-carb veining generally @15-25 tca, locally following the foliated bands @15-25 tca. The interval 386-389 m is dark greenish to black colored, silicified and biotite, chlorite altered with 5-10 % qtz-carb veining, possibly HiTi basalt appearance. The section 390-390.80 m with fracture fill veinlets is shear zone and 390.80-391.40 m is weakly foliated with swarm of thin mm size qtz-carb veinlets 10-15% locally @25-30 tca in a weak shear zone. No sulfides observed. The Komatiitic basalt has got increasing talc alteration compared to silicification as well disseminated magnetite trace to 2% making the unit magnetic, from 390.40m to 435 m in varying degrees. An number of q-c veinlets including qtz - act-carb vein 385.86-388.45 m is 3-5 cm thick irregularly shaped. E0B 399 to 404 m has got chaotic veinlets mm size 5-7% and contains 0.5-1 % magnetite. A blackline fault 412.60-413.06 m cutting 4 Q-C veins displacing them from a few mm to 0.5 cm. Brecciated EoB band 417.50-418 m. Weakly brecciated qtz-carb veinlets from 424.76-425.53 m 0.5 cm to 4 cm thick 10-15 tca. Qtz-carb vein 427.80-428.56 m 25-40 tca. The entire unit is sampled trying separating the Qtz-carb veinlets .EOH.</p>	PED68116	371.00	371.50	0.50	0.00	<0.005	-	-	
				PED68117	371.50	372.00	0.50	0.03	0.030	-	-
				PED68118	372.00	373.00	1.00	0.00	<0.005	-	-
				PED68120	373.00	373.50	0.50	0.00	<0.005	-	-
				PED68121	373.50	374.54	1.04	0.00	<0.005	-	-
				PED68122	374.54	375.59	1.05	0.00	<0.005	-	-
				PED68123	375.59	376.20	0.61	0.00	<0.005	-	-
				PED68124	376.20	376.70	0.50	0.00	<0.005	-	-
				PED68125	376.70	377.70	1.00	0.00	<0.005	-	-
				PED68126	377.70	378.30	0.60	0.00	<0.005	-	-
				PED68127	378.30	378.90	0.60	0.00	<0.005	-	-
				PED68128	378.90	379.50	0.60	0.00	<0.005	-	-
				PED68129	379.50	380.50	1.00	0.00	<0.005	-	-
				PED68131	380.50	381.50	1.00	0.00	<0.005	-	-
				PED68132	381.50	382.00	0.50	0.00	<0.005	-	-
				PED68133	382.00	382.60	0.60	0.00	<0.005	-	-
				PED68134	382.60	383.30	0.70	0.00	<0.005	-	-
				PED68136	383.30	383.80	0.50	0.03	0.033	-	-
				PED68137	383.80	384.80	1.00	0.00	<0.005	-	-
			PED68138	384.80	385.80	1.00	0.00	<0.005	-	-	
			PED68139	385.80	386.50	0.70	0.00	<0.005	-	-	
			PED68140	386.50	387.00	0.50	0.00	<0.005	-	-	
			PED68141	387.00	388.00	1.00	0.01	0.006	-	-	

Alteration :

Type/Intensity/Texture
SIL 3 VND
CHL 3 PRV
BIO 2 PRV

Structure:

374.36 - 374.50	Alpha: 20	Beta: 235
	Type/GEN/Intensity	CA1: CA2:
	V2A	
375.12 - 375.32	Alpha: 15	Beta: 250
	Type/GEN/Intensity	CA1: CA2:
	V2A	15 30



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
376.27 - 376.55	Alpha: 25 Type/GEN/Intensity V2A V2A	Beta: 45 CA1: CA2: 30 55	PED68142	388.00	389.00	1.00	0.00	<0.005	-	-	-
			PED68143	389.00	390.00	1.00	0.00	<0.005	-	-	-
			PED68144	390.00	390.80	0.80	0.00	<0.005	-	-	-
			PED68146	390.80	391.40	0.60	0.00	<0.005	-	-	-
378.90 - 379.20	Alpha: 40 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2:	PED68147	391.40	392.00	0.60	0.00	<0.005	-	-	-
			PED68148	392.00	393.00	1.00	0.00	<0.005	-	-	-
			PED68149	393.00	394.00	1.00	0.00	<0.005	-	-	-
382.00 - 382.56	Alpha: 25 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2: 15 35	PED68150	394.00	395.00	1.00	0.00	<0.005	-	-	-
			PED68151	395.00	396.00	1.00	0.00	<0.005	-	-	-
383.30 - 383.80	Alpha: 30 Type/GEN/Intensity V2A	Beta: 300 CA1: CA2:	PED68152	396.00	397.00	1.00	0.00	<0.005	-	-	-
			PED68154	397.00	398.00	1.00	0.01	0.008	-	-	-
			PED68155	398.00	399.00	1.00	0.00	<0.005	-	-	-
395.00 - 395.35	Alpha: 35 Type/GEN/Intensity V2A	Beta: 0 CA1: CA2: 20 35	PED68156	399.00	399.50	0.50	0.00	<0.005	-	-	-
			PED68157	399.50	400.00	0.50	0.00	<0.005	-	-	-
			PED68158	400.00	401.00	1.00	0.00	<0.005	-	-	-
396.47 - 396.48	Alpha: 45 Type/GEN/Intensity V3	Beta: 50 CA1: CA2:	PED68159	401.00	402.00	1.00	0.00	<0.005	-	-	-
			PED68161	402.00	403.00	1.00	0.00	<0.005	-	-	-
			PED68162	403.00	403.50	0.50	0.01	0.005	-	-	-
398.05 - 398.12	Alpha: 15 Type/GEN/Intensity V2A	Beta: 220 CA1: CA2:	PED68163	403.50	404.00	0.50	0.00	<0.005	-	-	-
			PED68164	404.00	405.00	1.00	0.00	<0.005	-	-	-
404.54 - 404.60	Alpha: 50 Type/GEN/Intensity V3	Beta: 90 CA1: CA2:	PED68166	405.00	406.00	1.00	0.00	<0.005	-	-	-
			PED68167	406.00	407.00	1.00	0.00	<0.005	-	-	-
			PED68168	407.00	408.00	1.00	0.00	<0.005	-	-	-
405.18 - 405.19	Alpha: 40 Type/GEN/Intensity V2A	Beta: 60 CA1: CA2:	PED68169	408.00	409.00	1.00	0.00	<0.005	-	-	-
			PED68170	409.00	410.00	1.00	0.01	0.006	-	-	-
			PED68171	410.00	411.00	1.00	0.00	<0.005	-	-	-
			PED68172	411.00	412.00	1.00	0.00	<0.005	-	-	-



LITHOLOGY REPORT

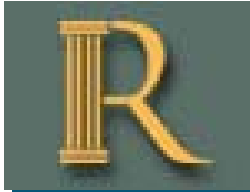
- Detailed -

Hole Number **610L-17-13**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
412.88 - 412.89	Alpha: 35 Type/GEN/Intensity V3	Beta: 210 CA1: CA2:	PED68173	412.00	412.60	0.60	0.01	0.006	-	-	
			PED68174	412.60	413.10	0.50	0.00	<0.005	-	-	
			PED68175	413.10	414.00	0.90	0.01	0.006	-	-	
413.00 - 413.01	Alpha: 40 Type/GEN/Intensity V3	Beta: 200 CA1: CA2:	PED68176	414.00	415.00	1.00	0.01	0.007	-	-	
			PED68177	415.00	416.00	1.00	0.00	<0.005	-	-	
			PED68178	416.00	417.00	1.00	0.00	<0.005	-	-	



DRILL HOLE REPORT

Hole Number **610L-17-14**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 91.47	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: -0.35	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 126	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 06-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 07-Aug-17				Surveyed: yes
Logged: 11-Aug-17				Surveyed by: Mark Cottrell
Comment: Line 9 stabilized & oriented // Rods stuck @ 126m hole abandoned & reset as 610L-17-14A. Core was quick logged (no photos taken or RQD recorded).			Coordinate - Gemcom	Geophysics:
			East: 10041.217	Geophysic Contractor:
			North: 49930.742	Left in hole:
			Elev.: 4762.78	Making water: no
			Zone: 15N NAD: NAD83	Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	91.47	-0.35	C	<input checked="" type="checkbox"/>	
15.00	94.37	0.02	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	92.63	0.39	DeviSh ot	<input checked="" type="checkbox"/>	
101.00	89.56	-1.02	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.56	Feature 1									
		Type E0B Komatiitic_basalt QLF: ALT DEFS BRK Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , moderately developed foliation/bx fabric @ 55-65 tca, strong pervassive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 45 tca.									
		Dyke <input type="checkbox"/> % 98 Thickness 0 GYM Colour C Vein									
		Alteration : Type/Intensity/Texture BIO 1 PCH TLC 2 PCH CHL 3 PRV									
		Structure: 2.55 - 2.56 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
		Feature 2:									
		Type V3 Quartz_carbonate vein QLF: ALT DEFS BRK									
		Dyke <input type="checkbox"/> % 2 Thickness 0 WHT Colour C Vein									
2.56	4.62	Feature 1									
		Type I1 Mafic_intrusive									
		Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 BNM Colour									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																															
		<p>QLF: ALT MAS MIN</p> <p>Mafic Dyke: Fine-grained, dark brownish-green, massive textured, patchy bio alteration throughout which increases proximal to both contacts, moderate pervassive chl-carb alteration, weak fracturing @ 70 tca (1/m), 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout, sharp contacts @ 50-75 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CB 1 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> <tr> <td>BIO 3 PCH</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>4.61 - 4.62</td> <td>Alpha: 75</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table> <p>Mineralization Maj. :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type/GSZ%/HABIT</td> <td></td> <td></td> </tr> <tr> <td>2.56 - 4.62</td> <td>PY GS1 0.5 DIS</td> <td>Comment</td> </tr> <tr> <td></td> <td></td> <td>Mafic Dyke: with 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.</td> </tr> <tr> <td>2.56 - 4.62</td> <td>PO GS1 0.5 DIS</td> <td>Comment</td> </tr> <tr> <td></td> <td></td> <td>Mafic Dyke: with 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.</td> </tr> </table>	Type/Intensity/Texture		CB 1 PCH		CHL 3 PRV		BIO 3 PCH		4.61 - 4.62	Alpha: 75	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD		Type/GSZ%/HABIT			2.56 - 4.62	PY GS1 0.5 DIS	Comment			Mafic Dyke: with 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.	2.56 - 4.62	PO GS1 0.5 DIS	Comment			Mafic Dyke: with 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.								
Type/Intensity/Texture																																										
CB 1 PCH																																										
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4.61 - 4.62	Alpha: 75	Beta: 0																																								
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		Mafic Dyke: with 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.																																								
4.62	38.60	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td><input type="checkbox"/></td> <td>98</td> <td>0</td> <td>GYM</td> <td>C</td> </tr> </table> <p>QLF: ALT DEFS FTB</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, strong foliation/shear fabric @ 60 to 75 tca, increasing rubbly breccia textures (flow top breccia) downhole, strong deformation throughout with folding/fracturing/foliation/shear fabrics present @ 60 to 75 tca, badly broken core throughout with local sections of badly ground core, strong pervassive chl alteration and patchy talc alteration which increases downhole, veining consist of 1-2% irregular/ fragmented/boudinaged/ folded qtz-carb strcs which are orientation @ 40 to 70 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 55 tca.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	98	0	GYM	C																												
Type	Dyke	%	Thickness	Colour	Vein																																					
E0T Talc_rich_unit	<input type="checkbox"/>	98	0	GYM	C																																					



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-14**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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Alteration : **Type/Intensity/Texture**

BIO 1 PCH
TLC 3 PCH
CHL 3 PRV

Structure:

38.59 - 38.60 Alpha: 55 Beta: 0
Type/GEN/Intensity **CA1: CA2:**
CD

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C

QLF: ALT DEFS FTB

38.60 40.67 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM	

QLF: ALT MAS FRA

Mafic Dyke: Fine-grained, dark brownish-green, massive textured, patchy bio alteration throughout which increases proximal to both contacts, moderate pervasive chl-carb alteration, weak fracturing @ 70 tca (1/m), trace mineralization as fine-gr dissemin po-py, weakly magnetitic throughout, sharp contacts @ 55-50 tca.

Alteration : **Type/Intensity/Texture**

CB 1 PCH
CHL 2 PRV
BIO 3 PCH



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-14**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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40.67 126.00 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM	C

QLF: ALT FTB FRA

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with local folding/fracturing/foliation fabrics present @ 45 to 70 tca, badly broken core throughout with minor local ground sections, strong pervassive chl alteration and patchy talc alteration which increases downhole becoming pervassive, veining consist of 1-2% irregular/fragmented/boudinaged qtz-carb strs, no visible mineralization. Rods stuck in badly broken ground @ 126 m, hole was abandoned and re-set as hole 610L-17-14A.

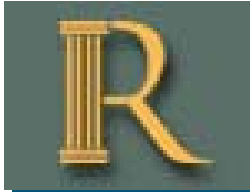
Alteration :

<i>Type/Intensity/Texture</i>
BIO 1 PCH
TLC 2 PCH
CHL 3 PRV

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C

QLF: ALT FTB FRA



DRILL HOLE REPORT

Hole Number **610L-17-14A**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 90.02	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 0.98	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 96.01	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 08-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 08-Aug-17				Surveyed: yes
Logged: 23-Aug-17				Surveyed by: Mark Cottrell
Comment: Line 9 stabilized / oriented// Rods stuck @ 96m hole abandoned				Geophysics:

Coordinate - Gemcom

East: 10041.2
North: 49931.272
Elev.: 4762.783

Coordinate - UTM

East: 448148.4
North: 5663885.12
Elev.: -237.22
Zone: 15N **NAD:** NAD83

Geophysics:

Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	90.02	0.98	C	<input checked="" type="checkbox"/>	
15.00	92.80	0.10	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	70.80	-1.00	DeviSh ot	<input type="checkbox"/>	No good



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-14A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.78	Feature 1									
		Type E0B Komatiitic_basalt QLF: ALT DEFS FOL Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , moderately developed foliation/bx fabric @ 55-65 tca, strong pervassive chl alteration and patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strrs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 50 tca. Alteration : Type/Intensity/Texture BIO 1 PCH TLC 2 PCH CHL 3 PRV Structure: 2.77 - 2.78 Alpha: 50 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 97 0 GYM C									
		Feature 2:									
		Type V3 Quartz_carbonate vein QLF: ALT DEFS FOL									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 3 0 WHT C									
2.78	4.50	Feature 1									
		Type I1 Mafic_intrusive									
		Dyke % Thickness Colour Vein <input checked="" type="checkbox"/> 0 0 BND									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-14A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																															
		<p>QLF: ALT MAS MIN</p> <p>Mafic Dyke: Fine-grained, dark brownish-green, massive textured, patchy bio alteration throughout which increases proximal to both contacts, moderate pervassive chl-carb alteration, weak fracturing @ 70 tca (1/m), 1% mineralization as fine-gr dissemin po-py, weakly magnetitic throughout, sharp contacts @ 50-70 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CB 2 PCH</td> <td></td> </tr> <tr> <td>CHL 2 PRV</td> <td></td> </tr> <tr> <td>BIO 3 PCH</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>4.49 - 4.50</td> <td>Alpha: 70</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table> <p>Mineralization Maj. :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">Type/GSZ%/HABIT</td> <td></td> <td></td> </tr> <tr> <td>2.78 - 4.50</td> <td>PY GS1 0.5 DIS</td> <td>Comment</td> </tr> <tr> <td></td> <td></td> <td>Mafic Dyke: with 1% mineralization as fine-gr dissemin po-py, weakly magnetitic throughout.</td> </tr> <tr> <td>2.78 - 4.50</td> <td>PO GS1 0.5 DIS</td> <td>Comment</td> </tr> <tr> <td></td> <td></td> <td>Mafic Dyke: with 1% mineralization as fine-gr dissemin po-py, weakly magnetitic throughout.</td> </tr> </table>	Type/Intensity/Texture		CB 2 PCH		CHL 2 PRV		BIO 3 PCH		4.49 - 4.50	Alpha: 70	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD		Type/GSZ%/HABIT			2.78 - 4.50	PY GS1 0.5 DIS	Comment			Mafic Dyke: with 1% mineralization as fine-gr dissemin po-py, weakly magnetitic throughout.	2.78 - 4.50	PO GS1 0.5 DIS	Comment			Mafic Dyke: with 1% mineralization as fine-gr dissemin po-py, weakly magnetitic throughout.								
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4.50	39.03	Feature 1																																								
		<table style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">Type</td> <td style="padding-right: 10px;">Dyke</td> <td style="padding-right: 10px;">%</td> <td style="padding-right: 10px;">Thickness</td> <td style="padding-right: 10px;">Colour</td> <td>Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td><input type="checkbox"/></td> <td>96</td> <td>0</td> <td>GYM</td> <td>C</td> </tr> </table> <p>QLF: ALT DEFS FRA</p> <p>Komatiitic Basalt (Talc Altered Unit): Fine to med-grained, dark greenish-grey colour, strong foliation/shear fabric @ 60 to 75 tca, increasing rubbly breccia textures (flow top breccia) downhole, strong deformation throughout with folding/fracturing/foliation/shear fabrics present @ 60 to 75 tca, badly broken core throughout with local sections of badly ground core (from 29 to 33 m), strong pervassive chl alteration and patchy talc alteration which increases downhole, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strrs which are orientated approx @ 40 to 60 tca, no visible mineralization, sharp lower contact with Mafic</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	96	0	GYM	C																												
Type	Dyke	%	Thickness	Colour	Vein																																					
E0T Talc_rich_unit	<input type="checkbox"/>	96	0	GYM	C																																					



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-14A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Dyke @ 75 tca.										
		Alteration :										
		Type/Intensity/Texture										
		BIO 1 PCH										
		TLC 3 PRV										
		CHL 3 PRV										
		Structure:										
		39.02 - 39.03 Alpha: 70 Beta: 0										
		Type/GEN/Intensity CA1: CA2:										
		CD										
		Feature 2:										
		Type Dyke % Thickness Colour Vein										
		V3 Quartz_carbonate vein <input type="checkbox"/> 4 0 WHT C										
		QLF: ALT DEFS FRA										
39.03	40.65	Feature 1										
		Type Dyke % Thickness Colour Vein										
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 BNM										
		QLF: ALT MAS FRA										
		Mafic Dyke: Fine-grained, dark brownish-green, massive textured, patchy bio alteration throughout which increases proximal to both contacts, moderate pervassive chl-carb alteration, weak fracturing @ 70 tca (1-2/m), trace mineralization as fine-gr disseminated po-py, weakly magnetitic throughout, sharp contacts @ 70-80 tca.										
		Alteration :										
		Type/Intensity/Texture										
		CB 1 PCH										
		CHL 2 PRV										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-14A**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 2 PRV									
		Structure:									
	40.64 - 40.65	Alpha: 70 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
40.65	96.00	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		Dyke <input type="checkbox"/>									
		% 98									
		Thickness 0									
		Colour GYM									
		Vein C									
		QLF: ALT FTB FRA									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with local folding/fracturing/foliation fabrics present @ 45 to 70 tca, badly broken core throughout with minor local ground sections (from 48 to 54 m and 69 to 72 m), strong pervassive chl alteration and patchy moderate talc alteration which increases downhole becoming pervassive, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb str, no visible mineralization,									
		Alteration :									
		Type/Intensity/Texture									
		CB 1 PCH									
		TLC 2 PCH									
		CHL 3 PRV									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		Dyke <input type="checkbox"/>									
		% 2									
		Thickness 0									
		Colour WHT									
		Vein									
		QLF: ALT FTB FRA									



LITHOLOGY REPORT

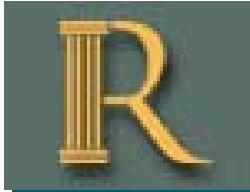
- Detailed -

Hole Number **610L-17-14A**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)																			
96.00	96.01	Feature 1																												
		<table border="0"> <tr> <td style="text-align: right;"><i>Type</i></td> <td><i>Dyke</i></td> <td><i>%</i></td> <td><i>Thickness</i></td> <td><i>Colour</i></td> <td><i>Vein</i></td> </tr> <tr> <td>ZEH</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </table> <p>QLF: EOH @ 96 m, drill rods became stuck in the badly broken ground of the Komatiitic Basalt and the hole was abandoned.</p> <p>Alteration :</p> <table border="0"> <tr> <td style="text-align: right;"><i>Type/Intensity/Texture</i></td> <td></td> </tr> <tr> <td></td> <td>AMP</td> </tr> <tr> <td></td> <td>SIL</td> </tr> <tr> <td></td> <td>BIO</td> </tr> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	ZEH	<input type="checkbox"/>	0	0			<i>Type/Intensity/Texture</i>			AMP		SIL		BIO								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																									
ZEH	<input type="checkbox"/>	0	0																											
<i>Type/Intensity/Texture</i>																														
	AMP																													
	SIL																													
	BIO																													



DRILL HOLE REPORT

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 107.66	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 21.45	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 418.52	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 15-Aug-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 20-Aug-17				Surveyed: yes
Logged: 29-Aug-17				Surveyed by: Mark Cottrell
Comment: Drill rods stuck, hole abandoned @ 418.52 m. No significant mineralized zone encountered.				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10039.958	East: 448146.82	Left in hole:
		North: 49930.278	North: 5663885.29	Making water: no
		Elev.: 4763.357	Elev.: -236.64	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	107.66	21.45	C	<input checked="" type="checkbox"/>	
15.00	106.90	21.37	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	108.25	19.47	DeviSh ot	<input checked="" type="checkbox"/>	
102.00	108.40	18.70	DeviSh ot	<input checked="" type="checkbox"/>	
154.00	108.48	17.84	DeviSh ot	<input checked="" type="checkbox"/>	
201.00	111.00	17.00	DeviSh ot	<input checked="" type="checkbox"/>	
252.00	112.60	15.50	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
303.00	115.52	13.98	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	118.47	12.94	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
0.00	2.11	Feature 1									
		Type E0B Komatiitic_basalt QLF: ALT DEFS FRA Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , moderately developed foliation/bx fabric @ 55-65 tca, strong pervasive chl alteration and patch talc alteration and weak patchy bio and carb alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 60 tca., badly broken core throughout, no mineralization observed, lower contact with Mafic Dyke @ 70 tca.									
		Dyke <input type="checkbox"/> % 97 Thickness 0 Colour GNM Vein S Alteration : Type/Intensity/Texture TLC 1 PCH BIO 1 PCH CHL 3 PRV Structure: 2.10 - 2.11 Alpha: 70 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
		Feature 2: Type V3 Quartz_carbonate vein QLF: ALT DEFS FRA									
		Dyke <input type="checkbox"/> % 3 Thickness 0 Colour WHT Vein S									
2.11	3.82	Feature 1									
		Type I1 Mafic_intrusive									
		Dyke <input checked="" type="checkbox"/> % 0 Thickness 0 Colour BNM Vein									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																									
		<p>QLF: ALT MAS GS1</p> <p>Mafic Dyke: Fine-grained, dark brownish-green, massive textured, patchy bio alteration throughout which increases proximal to both contacts, moderate pervassive chl-carb alteration, weak fracturing @ 70 tca (1/m), 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout, sharp contacts @ 70 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CB 1 VND</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> <tr> <td>BIO 3 LOC</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 20px;">3.81 - 3.82</td> <td>Alpha: 70</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table> <p>Mineralization Maj. :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">Type/GSZ%/HABIT</td> <td></td> <td>Comment</td> </tr> <tr> <td>2.11 - 3.82</td> <td>PY GS1 0.5 DIS</td> <td>Mafic Dyke: 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.</td> </tr> <tr> <td>2.11 - 3.82</td> <td>PO GS1 0.5 DIS</td> <td>Mafic Dyke: 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.</td> </tr> </table>	Type/Intensity/Texture		CB 1 VND		CHL 3 PRV		BIO 3 LOC		3.81 - 3.82	Alpha: 70	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD		Type/GSZ%/HABIT		Comment	2.11 - 3.82	PY GS1 0.5 DIS	Mafic Dyke: 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.	2.11 - 3.82	PO GS1 0.5 DIS	Mafic Dyke: 1% mineralization as fine-gr disseminated po-py, weakly magnetitic throughout.								
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3.82	32.67	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">96</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td style="text-align: center;">C</td> </tr> </table> <p>QLF: ALT DEFW FRA</p> <p>Komatiitic Basalt (Talc Altered Unit): Fine to med-grained, dark greenish-grey colour, strong foliation/shear fabric @ 60 to 75 tca, increasing rubbly breccia textures (flow top breccia) downhole, strong deformation throughout with folding/fracturing/foliation/shear fabrics present @ 60 to 75 tca, badly broken core throughout, strong pervassive chl alteration and patchy talc alteration which increases downhole, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb str which are orientated approx @ 40 to 60 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 75 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">Type/Intensity/Texture</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	☐	96	0	GYM	C	Type/Intensity/Texture																					
Type	Dyke	%	Thickness	Colour	Vein																															
E0T Talc_rich_unit	☐	96	0	GYM	C																															
Type/Intensity/Texture																																				



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
		BIO 1 PCH TLC 2 FF CHL 3 PRV									
		Structure: 32.66 - 32.67 Alpha: 75 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
		Feature 2: Type Dyke % Thickness Colour Vein V3 Quartz_carbonate vein <input type="checkbox"/> 4 0 WHT C QLF: ALT DEFW FRA									
32.67	34.41	Feature 1 Type Dyke % Thickness Colour Vein I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 GND QLF: ALT MAS GS1 Mafic Dyke: Fine-grained, dark brownish-green, massive textured, patchy bio alteration throughout which increases proximal to both contacts, moderate pervassive chl-carb alteration, weak fracturing @ 70 tca (1-2/m), trace mineralization as fine-gr dissemp po-py, weakly magnetitic throughout, sharp contacts @ 75-65 tca.									
		Alteration : Type/Intensity/Texture CB 1 PCH CHL 3 PRV BIO 1 PCH									
		Structure:									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	34.40 - 34.41	Alpha: 65 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
34.41	185.40	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GNM	C				
		QLF: ALT FTB DEFS									
		Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia and local pillow selveges), strong deformation throughout with local folding/fracturing/foliation fabrics present @ 30 to 60 tca, badly broken core throughout with minor local ground sections, strong pervassive chl alteration and patchy moderate talc alteration which increases downhole becoming pervassive, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb str, no visible mineralization, strong faulting/fracturing from 183.5 to 185.4 m @ 20 to 40 tca with highly broken up/ground core with polished talc-chl fractue surfaces, lower contact with Gabbro Dyke is broken up in this									
		Alteration :	Type/Intensity/Texture								
			BIO 1 PCH								
			TLC 2 PCH								
			CHL 3 PRV								
		Structure:									
	162.40 - 162.80	Alpha: 30 Type/GEN/Intensity FLT5 3									
		Beta: 0 CA1: CA2: 20 40									
	183.50 - 185.40	Alpha: 30 Type/GEN/Intensity FLT 3									
		Beta: 0 CA1: CA2: 20 40									
		Feature 2:									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C								
		QLF: ALT FTB DEFS													
185.40	192.00	Feature 1					PED54628	185.40	186.00	0.60	0.00	<0.005	-	-	
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM		PED54629	186.00	187.00	1.00	0.00	<0.005	-	-
		QLF: ALT FOL FRA													
		Gabbro Dyke: Med-grained, brownish colour, massive textured to weakly foliated @ 10 to 20 tca, strong bio alteration replacing amphibole laths which defines the foliation fabric, no significant veining or mineralization observed, weak fracturing @ 15 to 25 tca (<1/m) and 45 to 55 tca (1/m), upper contact broken, lower contact with Komatiitic Basalt sharp @ 45 tca (local crenulation fabric present in Gabbro Dyke proximal to lower contact).													
		Alteration :													
		Type/Intensity/Texture													
		AMP 2 PRV													
		CHL 2 SPT													
		BIO 3 PRV													
		Structure:													
	191.99 - 192.00	Alpha: 45		Beta: 0											
		Type/GEN/Intensity		CA1: CA2:											
		CD													
192.00	201.12	Feature 1					PED54637	192.00	193.00	1.00	0.02	0.017	-	-	
		Type	Dyke	%	Thickness	Colour	Vein								



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		E0B Komatiitic_basalt <input type="checkbox"/> 98 0 GNM C QLF: ALT FTB FRA Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with local folding/fracturing/foliation fabrics present @ 40 to 60 tca (1-2 fractures/m @ 40-60 tca with chl-talc surfaces), local badly broken core with minor local ground sections, strong pervasive chl alteration and patchy moderate talc alteration, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb str, no visible mineralization, , lower contact with narrow bio altered Gabbro Dyke is sharp @ 60 tca.																		
		Alteration : Type/Intensity/Texture CB 1 PCH TLC 2 PCH CHL 3 PRV																		
		Structure: 201.11 - 201.12 Alpha: 60 Beta: 0 Type/GEN/Intensity CA1: CA2: FOL 55 60 CD																		
		Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> </tr> </tbody> </table> QLF: ALT FTB FRA	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C						
Type	Dyke	%	Thickness	Colour	Vein															
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C															
201.12	201.36	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> QLF: ALT FOL GS1	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM							
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM																



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
<p>Gabbro Dyke: Narrow (24 cm wide) brownish coloured dyke with well defined foliation fabric @ 55-60 tca, no significant veining or mineralization noted, sharp contacts @ 60-50 tca.</p>											
<p>Alteration : Type/Intensity/Texture</p> <p> CHL 2 BAN</p> <p> BIO 3 PRV</p>											
<p>Structure:</p> <p>201.35 - 201.36 Alpha: 50 Beta: 0</p> <p> Type/GEN/Intensity CA1: CA2:</p> <p> FOL 55 60</p> <p> CD</p>											
201.36	204.00	Feature 1	PED54638	203.00	204.00	1.00	0.01	0.008	-	-	
<p style="text-align: center;">Type Dyke % Thickness Colour Vein</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 98 0 GNM C</p> <p>QLF: ALT FTB FRA</p> <p>Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with local folding/fracturing/foliation fabrics present @ 40 to 60 tca (1-2 fractures/m @ 40-60 tca with chl-talc surfaces), local badly broken core with minor local ground sections, strong pervasive chl alteration and patchy moderate talc alteration, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb str, no visible mineralization, lower contact with High-Ti Basalt is sharp @ 60 tca.</p>											
<p>Alteration : Type/Intensity/Texture</p> <p> CB 1 PCH</p> <p> TLC 2 PCH</p> <p> CHL 3 PRV</p>											
<p>Structure:</p> <p>203.99 - 204.00 Alpha: 60 Beta: 0</p>											



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CS									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	☐	2	0	WHT					
		QLF: ALT FTB FRA									
204.00	211.24	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	☐	98	0	GNM	S				
		QLF: ALT BRX VND									
		High-Ti Basalt:(Possible Lamp Dyke?) Fine-grained, greenish-brown colour, massive textured with weakly defined insitu brecciation/fracture fabric @ 20-30 tca, weak patchy bio alteration, pervasive chl alteration and weak patchy carbonate alteration, 1-2% irregular to planar (@ 20-35 tca) white calcite strsvnlts, weak fracturing @ 40-50 tca (1/m), local broken core, no visible mineralization noted, lower contact with Lamp Dyke sharp @ 40 tca.									
								0.00	<0.005	-	-
								0.09	0.087	-	-
								0.17	0.167	-	-
								0.02	0.021	-	-
								0.04	0.044	-	-
								0.02	0.017	-	-
								0.09	0.089	-	-
								0.01	0.009	-	-
		Alteration :									
		Type/Intensity/Texture									
		CB 1 PCH									
		CHL 3 PRV									
		BIO 1 PCH									
		Structure:									
		211.23 - 211.24 Alpha: 40									
		Type/GEN/Intensity	CA1:	CA2:							
		CD									
		Feature 2:									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>V1B Calcite_vein</p> <p>QLF: ALT BRX VND</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 2 0 WHT S</p>								
211.24	223.61	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: MAS FRA</p> <p>Lamp Dyke: Fine-grained, dark green to black, massive textured, weak fracturing @ 40-60 tca (1-2/m), no mineralization noted, minor (<1%) fragmented white calcite str / threads, sharp contacts @ 40 and 80 tca.</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">CBC 1 VND</p> <p style="padding-left: 40px;">CHL 2 PRV</p> <p>Structure:</p> <p>223.60 - 223.61 Alpha: 80 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="padding-left: 40px;">CD</p>								
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT DEF FRA</p> <p>Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), moderate deformation throughout with local folding/fracturing/foliation</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 98 0 GNM C</p>								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)								
		fabrics present @ 40 to 60 tca (1-2 fractures/m @ 40-60 tca with chl-talc surfaces), local badly broken core with minor local ground sections, strong pervasive chl alteration and patchy moderate talc alteration, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb strrs, no visible mineralization, lower contact with Lamp Dyke sharp @ 40 tca.																	
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 1 PCH</p> <p style="margin-left: 40px;">TLC 2 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p>																	
		<p>Structure:</p> <p>252.60 - 252.61 Alpha: 40 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD</p>																	
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> </tr> </tbody> </table> <p>QLF: ALT DEF FRA</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C					
Type	Dyke	%	Thickness	Colour	Vein														
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C														
252.61	271.49	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: MAS GS1 FRA</p> <p>Lamp Dyke: (Possible Basalt from 252.61 to 262 m) Fine to med-grained, dark green to black, massive textured, weak fracturing @ 40-60 tca (1-2/m) and 10-25 tca (<1/m), no mineralization noted, minor (<1%) fragmented white calcite strrs / threads and as fracture infilling, sharp contacts @ 40 and 45 tca.</p>	Type	Dyke	%	Thickness	Colour	Vein	I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0	GND						
Type	Dyke	%	Thickness	Colour	Vein														
I0E Lamprophyre	<input checked="" type="checkbox"/>	0	0	GND															
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMD</p>																	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

CBC 1 VND
CHL 2 PRV

271.49 280.15 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GNM	C

QLF: ALT MAS FOL

Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured to weakly developed foliation fabric @ 45 tca which increases in intensity downhole, moderate deformation throughout with local folding/fracturing/foliation fabrics present @ 40 to 60 tca (1-2 fractures/m @ 40-60 tca with chl-talc surfaces), strong pervasive chl alteration and patchy moderate talc alteration, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb str, no visible mineralization, lower contact with Lamp Dyke sharp @ 40 tca.

Alteration : **Type/Intensity/Texture**

CB 1 PCH
TLC 2 PCH
CHL 3 PRV

Structure:

280.14 - 280.15 Alpha: 40 Beta: 0
Type/GEN/Intensity CA1: CA2:
CD

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C

QLF: ALT MAS FOL



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------	--------------	-------------	--------------

280.15 281.85 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
IOE Lamprophyre	<input checked="" type="checkbox"/>	99	0	GND	S

QLF: ALT GS1 MAS

Lamp Dyke: (Possible Basalt?) Fine-grained, dark green to black, massive textured, pervasive chl alteration, weak bio localized proximal to contacts, weak fracturing @ 50-55 tca (1/m), no mineralization noted, minor (1%) fragmented white calcite strs / threads @ 20-25 tca, sharp contacts @ 40 and 60 tca.

Alteration :

Type/Intensity/Texture
CBC 1 VND
CHL 3 PRV
BIO 1 LOC

Structure:

281.84 - 281.85	Alpha: 60	Beta: 0
	Type/GEN/Intensity	CA1: CA2:
	CD	

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V1B Calcite_vein	<input checked="" type="checkbox"/>	1	0	WHT	S

QLF: ALT GS1 MAS



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
281.85	303.51	Feature 1	PED54648	298.00	299.00	1.00	0.08	0.075	-	-
		Type	PED54649	299.00	300.00	1.00	0.04	0.035	-	-
		E0T Talc_rich_unit	PED54650	300.00	301.00	1.00	0.00	<0.005	-	-
		QLF: ALT FRA SHD	PED54651	301.00	302.00	1.00	0.06	0.059	-	-
		Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured to weakly developed foliation fabric @ 45-50 tca, moderate deformation throughout with local shear fabrics present from 299 to 303.51 m @ 40 to 60 tca (1-2 fractures/m @ 40-60 tca with chl-talc surfaces), strong pervasive chl - talc alteration, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb strrs, no visible mineralization, lower contact with High-Ti Basalt sharp @ 60 tca.	PED54652	302.00	303.00	1.00	0.02	0.021	-	-
			PED54653	303.00	303.51	0.51	0.33	0.327	-	-
		Alteration :								
		Type/Intensity/Texture								
		CB 2 PCH								
		TLC 3 PRV								
		CHL 3 PRV								
		Structure:								
	299.00 - 303.50	Alpha: 50	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		SHD 2	40 60							
	303.50 - 303.51	Alpha: 60	Beta: 0							
		Type/GEN/Intensity	CA1: CA2:							
		CS								
		Feature 2:								
		Type	Dyke	%	Thickness	Colour	Vein			
		V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C			
		QLF: ALT FRA SHD								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
303.51	304.00	Feature 1	PED54654	303.51	304.00	0.49	0.44	0.440	-	-	
		<p style="margin-left: 20px;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT VND FOL</p> <p>High-Ti Basalt: Fine-grained, brownish-green, well developed foliation fabric @ 60-70 tca with 4-5% white planar calcite str/vnlts @ 70-80 tca, no mineralization observed, sharp contacts with Komatiitic Basalt @ 60 and 50 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CHL 2 PCH</p> <p style="margin-left: 40px;">SIL 1 PCH</p> <p style="margin-left: 40px;">BIO 3 PRV</p> <p>Structure:</p> <p>303.99 - 304.00 Alpha: 50 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">CA1: CA2:</p> <p style="margin-left: 40px;">CS</p>									
		<p style="margin-left: 20px;">Type</p> <p>V1B Calcite_vein</p> <p>QLF: ALT VND FOL</p>									
304.00	304.94	Feature 1	PED54655	304.00	304.94	0.94	0.10	0.097	-	-	
		<p style="margin-left: 20px;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT SHD CRN</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																																
<p>Komatiitic Basalt: Strong chl-talc alteration, strong shear/foliation fabric @ 50 tca which is locally highly crenulated proximal to the lower contact with the High-Ti Basalt, sharp lower contact @ 50 tca.</p>																																																											
<p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;">Type/Intensity/Texture</td> <td colspan="10"></td> </tr> <tr> <td></td> <td>CB 2 PRV</td> <td colspan="10"></td> </tr> <tr> <td></td> <td>TLC 2 PRV</td> <td colspan="10"></td> </tr> <tr> <td></td> <td>CHL 3 PRV</td> <td colspan="10"></td> </tr> </table>													Type/Intensity/Texture												CB 2 PRV												TLC 2 PRV												CHL 3 PRV										
	Type/Intensity/Texture																																																										
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	TLC 2 PRV																																																										
	CHL 3 PRV																																																										
304.94	306.32	Feature 1	PED54656	304.94	305.45	0.51	0.02	0.015	-	-																																																	
			PED54657	305.45	306.32	0.87	0.03	0.025	-	-																																																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;">Type</td> <td style="width: 10%;">Dyke</td> <td style="width: 5%;">%</td> <td style="width: 10%;">Thickness</td> <td style="width: 10%;">Colour</td> <td style="width: 10%;">Vein</td> <td colspan="5"></td> </tr> <tr> <td>E1H</td> <td>High_titanium_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">97</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td style="text-align: center;">S</td> <td colspan="5"></td> </tr> </table> <p>QLF: ALT VND FOL</p> <p>High-Ti Basalt: Fine-grained, brownish-green, well developed foliation fabric @ 70-75 tca with 2-3% white planar calcite str/vnlts @ 70-80 tca, weak fracturing @ 45 tca (1/m), no mineralization observed, sharp contacts with Komatiitic Basalt @ 50 and 60 tca.</p>													Type	Dyke	%	Thickness	Colour	Vein						E1H	High_titanium_basalt	□	97	0	BNM	S																													
	Type	Dyke	%	Thickness	Colour	Vein																																																					
E1H	High_titanium_basalt	□	97	0	BNM	S																																																					
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<p>Structure:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">306.31 - 306.32</td> <td style="width: 15%;">Alpha: 60</td> <td style="width: 10%;">Beta: 0</td> <td colspan="9"></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> <td colspan="8"></td> </tr> <tr> <td></td> <td>CS</td> <td></td> <td></td> <td colspan="8"></td> </tr> </table>												306.31 - 306.32	Alpha: 60	Beta: 0											Type/GEN/Intensity	CA1:	CA2:										CS																						
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		V1B Calcite_vein QLF: ALT VND FOL																					
306.32	389.80	Feature 1	PED54659	306.32	307.00	0.68	0.00	<0.005	-	-													
		Type	PED54661	307.00	308.00	1.00	0.01	0.007	-	-													
		E0B Komatiitic_basalt QLF: ALT DEF FRA	PED54662	388.00	389.00	1.00	0.00	<0.005	-	-													
			PED54663	389.00	389.80	0.80	0.00	<0.005	-	-													
		<p>Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured to rubbly breccia textures (flow top breccia), moderate deformation throughout with local folding/fracturing/foliation fabrics present @ 20 to 45 tca (1-2 fractures/m @ 40-60 tca and 20-35 tca (<1/m) with chl-talc infilling fracture surfaces), local badly broken core throughout with minor local ground sections (from 329 to 330 m), strong pervassive chl alteration and patchy moderate to strong talc alteration, veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb strs/threads, no visible mineralization, lower contact with Felsic Dyke @ 50 tca.</p>																					
		<p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: right;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>CB 1 PCH</td> <td></td> </tr> <tr> <td>TLC 2 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table>										Type/Intensity/Texture		CB 1 PCH		TLC 2 PCH		CHL 3 PRV					
Type/Intensity/Texture																							
CB 1 PCH																							
TLC 2 PCH																							
CHL 3 PRV																							
		<p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>389.79 - 389.80</td> <td>Alpha: 50</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table>										389.79 - 389.80	Alpha: 50	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD				
389.79 - 389.80	Alpha: 50	Beta: 0																					
	Type/GEN/Intensity	CA1: CA2:																					
	CD																						
		<p>Feature 2:</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> </tr> </table> <p>QLF: ALT DEF FRA</p>										Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C
Type	Dyke	%	Thickness	Colour	Vein																		
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	C																		



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
389.80	416.65	Feature 1	PED54664	389.80	391.00	1.20	0.41	0.411	-	-	
		Type	PED54665	391.00	392.00	1.00	0.53	0.531	-	-	
		I3 Felsic_intrusive	PED54666	392.00	393.00	1.00	1.21	1.210	-	-	
		QLF: ALT VND FRA	PED54667	393.00	394.00	1.00	0.82	0.819	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, moderate to strong patchy bio, strong pervasive silica alteration, massive textured with moderate micro-fracturing, weak fracturing @ 15-30 tca (<1/m) and 50-60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local broken core, veining consist of 1-2% planar to fragmented sil'd greyish-white qtz-carb strs @ 5 to 25 tca and 60 to 70 tca, trace fine-gr dissem py>po., sharp upper contact @ 50 tca, lower contact with Komatiitic Basalt is broken up.	PED54668	394.00	395.00	1.00	13.78	>10.000	13.78	-	
			PED54669	395.00	396.00	1.00	0.29	0.287	-	-	
			PED54670	396.00	397.00	1.00	0.67	0.673	-	-	
			PED54671	397.00	398.00	1.00	1.74	1.740	-	-	
			PED54673	398.00	399.00	1.00	0.79	0.791	-	-	
			PED54674	399.00	400.00	1.00	0.96	0.961	-	-	
			PED54675	400.00	401.00	1.00	0.99	0.985	-	-	
			PED54676	401.00	402.00	1.00	0.91	0.911	-	-	
			PED54677	402.00	403.00	1.00	0.69	0.692	-	-	
			PED54678	403.00	404.00	1.00	0.89	0.891	-	-	
		Alteration :	PED54679	404.00	405.00	1.00	0.25	0.245	-	-	
		Type/Intensity/Texture	PED54680	405.00	406.00	1.00	0.45	0.446	-	-	
		CHL 1 FF	PED54682	406.00	407.00	1.00	0.23	0.229	-	-	
		SIL 3 PRV	PED54683	407.00	408.00	1.00	0.41	0.405	-	-	
		BIO 2 PCH	PED54684	408.00	409.00	1.00	0.26	0.257	-	-	
			PED54686	409.00	410.00	1.00	0.53	0.526	-	-	
			PED54687	410.00	411.00	1.00	0.71	0.709	-	-	
			PED54688	411.00	412.00	1.00	1.06	1.060	-	-	
			PED54690	412.00	413.00	1.00	0.39	0.390	-	-	
			PED54691	413.00	414.00	1.00	0.48	0.483	-	-	
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT VND FRA									
		Alteration :									
		Type/Intensity/Texture									
		SIL 3 PRV									



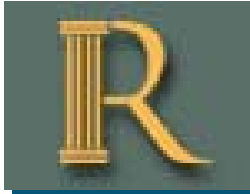
LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-15**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)																
			PED54692	414.00	415.00	1.00	0.93	0.926	-	-																	
			PED54693	415.00	416.00	1.00	1.01	1.010	-	-																	
			PED54694	416.00	416.65	0.65	0.72	0.721	-	-																	
416.65	418.52	Feature 1	PED54695	416.65	417.50	0.85	0.06	0.062	-	-																	
			PED54696	417.50	418.52	1.02	0.06	0.062	-	-																	
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B <i>Komatiitic_basalt</i></td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT DEF FRA</p> <p>Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour, massive textured, strong pervasive chl alteration and patchy weak talc alteration, veining consist of 1% irregular/ boudinaged qtz-carb strs/threads, no visible mineralization, drill rods stuck in hole, hole abandoned with EOH @ 418.52 m .</p> <p>Alteration :</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type/Intensity/Texture</i></th> </tr> </thead> <tbody> <tr> <td>CB 1 PCH</td> </tr> <tr> <td>TLC 1 PCH</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B <i>Komatiitic_basalt</i>	☐	0	0	GNM		<i>Type/Intensity/Texture</i>	CB 1 PCH	TLC 1 PCH	CHL 3 PRV									
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																						
E0B <i>Komatiitic_basalt</i>	☐	0	0	GNM																							
<i>Type/Intensity/Texture</i>																											
CB 1 PCH																											
TLC 1 PCH																											
CHL 3 PRV																											



DRILL HOLE REPORT

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 100.8	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -7.29	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 480	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 04-Sep-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 11-Sep-17				Surveyed: yes
Logged: 26-Sep-17				Surveyed by: Mark Cottrell
Comment: Line 3 to pair below hole 06; Hole oriented very poorly, no credible structural measurements				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10041.119	East: 448147.77
			North: 49930.47	North: 5663884.61
			Elev.: 4762.703	Elev.: -237.3
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	100.80	-7.29	C	<input type="checkbox"/>	
0.00	100.80	-7.29	C	<input checked="" type="checkbox"/>	
10.00	99.59	-7.37	Gyro	<input checked="" type="checkbox"/>	
15.00	102.87	-7.40	DeviSh ot	<input type="checkbox"/>	
20.00	99.66	-7.40	Gyro	<input checked="" type="checkbox"/>	
30.00	99.70	-7.44	Gyro	<input checked="" type="checkbox"/>	
40.00	99.75	-7.43	Gyro	<input checked="" type="checkbox"/>	
50.00	99.52	-7.44	Gyro	<input checked="" type="checkbox"/>	
51.00	103.13	-7.58	DeviSh ot	<input type="checkbox"/>	
60.00	99.38	-7.55	Gyro	<input checked="" type="checkbox"/>	
70.00	99.27	-7.65	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.00	99.09	-7.77	Gyro	<input checked="" type="checkbox"/>	
90.00	98.96	-7.90	Gyro	<input checked="" type="checkbox"/>	
100.00	99.03	-7.88	Gyro	<input checked="" type="checkbox"/>	
102.00	98.50	-8.07	DeviSh ot	<input type="checkbox"/>	I don't believe you.....
110.00	99.02	-7.95	Gyro	<input checked="" type="checkbox"/>	
120.00	99.11	-8.01	Gyro	<input checked="" type="checkbox"/>	
130.00	99.05	-8.11	Gyro	<input checked="" type="checkbox"/>	
140.00	99.09	-8.21	Gyro	<input checked="" type="checkbox"/>	
150.00	98.46	-8.45	DeviSh ot	<input type="checkbox"/>	I don't believe you.....
150.00	99.17	-8.25	Gyro	<input checked="" type="checkbox"/>	
160.00	99.13	-8.29	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-18

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.00	99.21	-8.29	Gyro	<input checked="" type="checkbox"/>	
180.00	99.19	-8.41	Gyro	<input checked="" type="checkbox"/>	
190.00	99.33	-8.48	Gyro	<input checked="" type="checkbox"/>	
200.00	99.37	-8.57	Gyro	<input checked="" type="checkbox"/>	
201.00	101.75	-8.79	DeviSh ot	<input type="checkbox"/>	
210.00	99.28	-8.71	Gyro	<input checked="" type="checkbox"/>	
220.00	99.22	-8.80	Gyro	<input checked="" type="checkbox"/>	
230.00	99.29	-8.92	Gyro	<input checked="" type="checkbox"/>	
240.00	99.46	-8.96	Gyro	<input checked="" type="checkbox"/>	
250.00	99.57	-8.98	Gyro	<input checked="" type="checkbox"/>	
252.00	102.36	-9.25	DeviSh ot	<input type="checkbox"/>	
260.00	99.76	-9.13	Gyro	<input checked="" type="checkbox"/>	
270.00	99.99	-9.30	Gyro	<input checked="" type="checkbox"/>	
280.00	99.95	-9.36	Gyro	<input checked="" type="checkbox"/>	
290.00	100.24	-9.45	Gyro	<input checked="" type="checkbox"/>	
300.00	102.93	-9.72	DeviSh ot	<input type="checkbox"/>	
300.00	100.34	-9.51	Gyro	<input checked="" type="checkbox"/>	
310.00	100.47	-9.56	Gyro	<input checked="" type="checkbox"/>	
320.00	100.58	-9.79	Gyro	<input checked="" type="checkbox"/>	
330.00	100.63	-9.80	Gyro	<input checked="" type="checkbox"/>	
340.00	100.63	-9.80	Gyro	<input checked="" type="checkbox"/>	
350.00	100.74	-9.75	Gyro	<input checked="" type="checkbox"/>	
350.00	103.27	-9.95	DeviSh ot	<input type="checkbox"/>	
360.00	100.72	-9.78	Gyro	<input checked="" type="checkbox"/>	
370.00	100.52	-9.77	Gyro	<input checked="" type="checkbox"/>	
380.00	100.29	-9.85	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	102.98	-10.03	DeviSh ot	<input checked="" type="checkbox"/>	
432.00	102.11	-10.26	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	124.70	-10.59	DeviSh ot	<input type="checkbox"/>	I don't believe you.....
480.00	100.22	-10.57	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
0.00	3.45	Feature 1	PED69643	0.00	1.00	1.00	0.01	0.009	-	-	
		Type	PED69644	1.00	1.95	0.95	0.01	0.009	-	-	
		E0T Talc_rich_unit	PED69645	1.95	2.90	0.95	0.03	0.025	-	-	
		QLF: SHD BAN PLA	PED69646	2.90	3.45	0.55	0.00	<0.005	-	-	
		Sheared Talc; Med green with creamy talcose carb veining; VFG; 25-30% plannar carb veining // to shearing @ 60 TCA;									
		Alteration : <i>Type/Intensity/Texture</i>									
		TLC 3 PRV									
		Structure:									
		0.00 - 3.45 Alpha: 60 Beta: 0									
		<i>Type/GEN/Intensity CA1: CA2:</i>									
		V1 55 65									
		SHD 3 55 65									
3.45	3.70	Feature 1	PED69647	3.45	3.70	0.25	0.03	0.032	-	-	
		Type									
		I0E Lamprophyre									
		QLF: FOL ALT									
		LAMP DYKE; Dark Brown/Black; VFG-FG; Felted Biotite foliated // to contacts // to S1 @ 65 TCA; mod carb content; LCT @ 65 TCA									
		Alteration : <i>Type/Intensity/Texture</i>									
		CB 2 VND									
		BIO 3 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
3.70	33.00	Feature 1	PED69648	3.70	4.45	0.75	0.01	0.011	-	-	
		Type	PED69649	4.45	5.40	0.95	0.05	0.054	-	-	
		Dyke % Thickness Colour Vein	PED69650	5.40	6.10	0.70	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED69651	6.10	6.65	0.55	0.01	0.010	-	-	
		QLF: SHD FOL GS1	PED69652	6.65	7.75	1.10	0.01	0.005	-	-	
		Sheared Talc; Med green with creamy talcose carb veining; VFG; 15-20% planar carb veining // to shearing @ 60 TCA; shearing dissipates downhole; grading into Flow-Top Brx w/ talc	PED69653	7.75	8.65	0.90	0.01	0.007	-	-	
		Alteration : Type/Intensity/Texture	PED69654	8.65	9.55	0.90	0.01	0.009	-	-	
		CB 2 VND	PED69656	9.55	10.45	0.90	0.09	0.089	-	-	
		TLC 2 PRV	PED69657	10.45	11.35	0.90	0.00	<0.005	-	-	
		Structure:	PED69658	11.35	12.30	0.95	0.00	<0.005	-	-	
	3.70 - 36.00	Alpha: 55 Beta: 0	PED69659	12.30	13.05	0.75	0.01	0.009	-	-	
		Type/GEN/Intensity CA1: CA2:	PED69660	13.05	13.85	0.80	0.00	<0.005	-	-	
		SHD 3 45 65	PED69661	13.85	14.90	1.05	0.00	<0.005	-	-	
			PED69662	14.90	15.30	0.40	0.00	<0.005	-	-	
			PED69663	15.30	16.30	1.00	0.00	<0.005	-	-	
			PED69664	16.30	17.00	0.70	0.00	<0.005	-	-	
			PED69666	17.00	17.70	0.70	0.00	<0.005	-	-	
			PED69667	17.70	18.60	0.90	0.00	<0.005	-	-	
			PED69668	18.60	19.15	0.55	0.08	0.077	-	-	
			PED69669	19.15	19.80	0.65	0.00	<0.005	-	-	
			PED69670	19.80	20.25	0.45	0.00	<0.005	-	-	
			PED69672	20.25	21.25	1.00	0.00	<0.005	-	-	
			PED69673	21.25	22.00	0.75	0.01	0.010	-	-	
			PED69674	22.00	22.90	0.90	0.00	<0.005	-	-	
			PED69675	22.90	23.85	0.95	0.00	<0.005	-	-	
			PED69676	23.85	24.85	1.00	0.00	<0.005	-	-	
			PED69677	24.85	25.95	1.10	0.01	0.010	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED69678	25.95	26.70	0.75	0.01	0.011	-	-	
			PED69679	26.70	27.45	0.75	0.01	0.014	-	-	
			PED69680	27.45	27.85	0.40	0.00	<0.005	-	-	
			PED69682	27.85	28.70	0.85	0.00	<0.005	-	-	
			PED69683	28.70	29.70	1.00	0.00	<0.005	-	-	
			PED69684	29.70	30.80	1.10	0.00	<0.005	-	-	
			PED69685	30.80	31.65	0.85	0.00	<0.005	-	-	
			PED69686	31.65	32.05	0.40	0.00	<0.005	-	-	
			PED69687	32.05	33.00	0.95	0.00	<0.005	-	-	
33.00	109.55	Feature 1	PED69688	33.00	34.00	1.00	0.00	<0.005	-	-	
		Type	PED69689	34.00	35.00	1.00	0.01	0.007	-	-	
		Dyke % Thickness Colour Vein	PED69691	35.00	36.00	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit <input type="checkbox"/> 0 0	PED69692	74.65	75.65	1.00	0.00	<0.005	-	-	
		QLF: FTB FOL	PED69693	75.65	75.95	0.30	0.00	<0.005	-	-	
		Talc-altered Ultramafic; Dark Blue/Grey; aphanitic-VFG; moderate flow-top brx texture throughout; creating fractures predominantly // to S1 @	PED69695	75.95	76.85	0.90	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture	PED69696	76.85	77.50	0.65	0.00	<0.005	-	-	
		AMP	PED69697	77.50	78.30	0.80	0.00	<0.005	-	-	
		SIL	PED69698	78.30	79.30	1.00	0.00	<0.005	-	-	
		BIO	PED69699	79.30	80.10	0.80	0.00	<0.005	-	-	
		Structure:	PED69700	80.10	81.00	0.90	0.00	<0.005	-	-	
		75.65 - 75.95 Alpha: 70 Beta: 0	PED69701	95.25	96.10	0.85	0.01	0.008	-	-	
		Type/GEN/Intensity CA1: CA2:	PED69702	96.10	96.40	0.30	0.00	<0.005	-	-	
		V3 2 70 75	PED69703	96.40	97.40	1.00	0.00	<0.005	-	-	
		99.00 - 99.40 Alpha: 20 Beta: 0	PED69704	97.40	98.30	0.90	0.01	0.005	-	-	
		Type/GEN/Intensity CA1: CA2:	PED69705	98.30	99.00	0.70	0.00	<0.005	-	-	
		V3 2 20 25	PED69706	99.00	99.40	0.40	0.01	0.014	-	-	
			PED69707	99.40	100.40	1.00	0.01	0.014	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
109.55	116.15	Feature 1								
		Type								
		I1A Gabbro	<input type="checkbox"/>	0		0				
		QLF: GS2 MAS								
		Gabbroic Dyke; Dark Green; FG-MG; classic speckled gabbroic texture of MG Pyroxene & Olivine in Plag-rich groundmass; trace calcite veining sub-// TCA; LCT @								
116.15	208.60	Feature 1								
		Type								
		E0T Talc_rich_unit	<input type="checkbox"/>	0		0				
		QLF: GS1 FTB								
		Talc-Altered Ultramafic Dark Blue/Grey; aphanitic-VFG; wk-mod flow top brx texture throughout; trace carb-veining/infilling along brx; leading to curvilinear talc-lined fractures @ multiple orientations; LCT @ 40 TCA								
		Alteration :								
		Type/Intensity/Texture								
		TLC 2 PRV								
		Structure:								
	121.10 - 129.70	Alpha: 55				Beta: 0				
		Type/GEN/Intensity				CA1: CA2:				
		SHD 2				50 65				
	142.15 - 154.55	Alpha: 45				Beta: 0				
		Type/GEN/Intensity				CA1: CA2:				
		FLT3 2				40 50				
	166.15 - 167.80	Alpha: 45				Beta: 0				
		Type/GEN/Intensity				CA1: CA2:				
		SHD 2				40 50				



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)									
208.60	213.15	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS0 FOL</p> <p>Mafic Dyke; Could be Lamp??; Dark Green/Black; Aphanitic-VFG; mod foliation @ 40 TCA; trace hairline calcite veins @ multiple orientations; mod bio alteration; LCTsheared @ 30 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>BIO 1 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0																	
213.15	244.50	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT GS1</p> <p>Talc-altered Ultramafic; Dark Blue/Grey; could be Periodtitic Komatiite; aphanitic-VFG; mod-strong talc alteration; fractures // to S1 @ 45 TCA; LCT @ 60 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 3 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																	
244.50	245.20	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 FOL</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0																	



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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)									
		Mafic Dyke; Black/Dark Grey/Greenish; Aphanitic; wk-mod fol @ 40 TCA; mod chl content; LCT sheared @ 30 TCA																		
		Alteration : Type/Intensity/Texture CHL 2 PRV																		
245.20	291.70	Feature 1	PED69708	290.70	291.70	1.00	0.24	0.238	-	-										
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: FOL SHD GS1</p> <p>Talc-Altered Ultramafic; light-dark green; creamy talcose stringers; aphanitic-VFG; mod talc alteration throughout; S1 Fabric @ 45 TCA flattening to sub-// TCA downhole; moderate shearing from 281.45-291.7 m</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0T Talc_rich_unit	<input type="checkbox"/>	0	0								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																	
		Alteration : Type/Intensity/Texture TLC 2 PRV																		
		Structure: 281.45 - 291.70 Alpha: 10 Beta: 0																		
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type/GEN/Intensity</i></th> <th style="text-align: center;"><i>CA1:</i></th> <th style="text-align: center;"><i>CA2:</i></th> </tr> </thead> <tbody> <tr> <td>SHD 2</td> <td style="text-align: center;">2</td> <td style="text-align: center;">25</td> </tr> </tbody> </table>	<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>	SHD 2	2	25												
<i>Type/GEN/Intensity</i>	<i>CA1:</i>	<i>CA2:</i>																		
SHD 2	2	25																		
291.70	292.60	Feature 1	PED69709	291.70	292.60	0.90	0.04	0.044	-	-										
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 FRA</p> <p>Felsic Intrusive; light-med grey/greenish; aphanitic; chl-infilled fractures predominantly @ 50 TCA; brx adjacent to LCT @ 60 TCA</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																	



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Alteration : Type/Intensity/Texture CHL 2 PRV										
292.60	303.35	Feature 1	PED69710	292.60	293.60	1.00	1.44	1.440	-	-		
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	☐	0	0			0.15	0.152	-	-	
		QLF: GS1 FOL ALT Talc-Altered Ultramafic; light-dark green; creamy talcose stringers; aphanitic-VFG; mod talc alteration throughout; S1 Fabric @ 45 TCA; LCT @ 10 TCA										
		Alteration : Type/Intensity/Texture TLC 2 PRV										
303.35	345.65	Feature 1	PED69712	303.35	304.15	0.80	1.73	1.730	-	-		
		Type	Dyke	%	Thickness	Colour	Vein					
		I3 Felsic_intrusive	☐	0	0			0.51	0.512	-	-	
		QLF: GS1 FOL VND Felsic Dyke; light-dark grey; locally pinkish; aphanitic-vfg; 3-5% mm-cm scale smokey qtz veins @ multiple discordant orientations; localized mod-strong bio alteration assoc w vein halos; barren-trace sulphides; wk fol @ 45 TCA; LCT @ 40 TCA										
		Alteration : Type/Intensity/Texture SIL 2 VND BIO 2 LOC										
			PED69713	304.15	304.55	0.40	2.30	2.300	-	-		
			PED69714	304.55	305.25	0.70	1.47	1.470	-	-		
			PED69716	305.25	306.20	0.95	0.21	0.209	-	-		
			PED69717	306.20	307.20	1.00	0.46	0.462	-	-		
			PED69718	307.20	308.20	1.00	0.67	0.667	-	-		
			PED69720	308.20	309.00	0.80	0.50	0.495	-	-		
			PED69721	309.00	310.00	1.00	0.71	0.709	-	-		
			PED69722	310.00	311.00	1.00	0.32	0.321	-	-		
			PED69724	311.00	312.00	1.00	0.69	0.685	-	-		
			PED69725	312.00	313.00	1.00						



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED69726	313.00	314.00	1.00	0.60	0.603	-	-	
			PED69727	314.00	315.00	1.00	0.53	0.528	-	-	
			PED69728	315.00	315.95	0.95	0.63	0.631	-	-	
			PED69730	315.95	316.65	0.70	0.63	0.628	-	-	
			PED69731	316.65	317.60	0.95	0.92	0.917	-	-	
			PED69732	317.60	318.15	0.55	0.76	0.762	-	-	
			PED69733	318.15	319.00	0.85	0.24	0.242	-	-	
			PED69735	319.00	320.00	1.00	0.10	0.096	-	-	
			PED69736	320.00	320.50	0.50	0.32	0.324	-	-	
			PED69737	320.50	321.50	1.00	0.14	0.144	-	-	
			PED69738	321.50	322.00	0.50	0.67	0.667	-	-	
			PED69739	322.00	322.35	0.35	0.48	0.476	-	-	
			PED69740	322.35	322.95	0.60	0.25	0.248	-	-	
			PED69741	322.95	323.50	0.55	0.34	0.338	-	-	
			PED69742	323.50	324.20	0.70	0.34	0.338	-	-	
			PED69744	324.20	325.00	0.80	0.24	0.239	-	-	
			PED69745	325.00	325.35	0.35	0.57	0.572	-	-	
			PED69746	325.35	326.00	0.65	0.19	0.194	-	-	
			PED69747	326.00	327.00	1.00	0.20	0.196	-	-	
			PED69748	327.00	327.60	0.60	0.49	0.493	-	-	
			PED69749	327.60	328.20	0.60	1.44	1.440	-	-	
			PED69750	328.20	329.15	0.95	19.22	>10.000	19.22	-	
			PED69751	329.15	329.95	0.80	0.94	0.944	-	-	
			PED69752	329.95	330.40	0.45	0.27	0.268	-	-	
			PED69753	330.40	331.10	0.70	1.87	1.870	-	-	
			PED69754	331.10	331.90	0.80	0.29	0.288	-	-	
			PED69755	331.90	332.75	0.85	0.40	0.403	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED69756	332.75	333.40	0.65	0.32	0.321	-	-	
			PED69757	333.40	333.90	0.50	0.19	0.189	-	-	
			PED69758	333.90	334.65	0.75	0.93	0.925	-	-	
			PED69760	334.65	335.60	0.95	0.24	0.236	-	-	
			PED69761	335.60	336.15	0.55	2.10	2.100	-	-	
			PED69762	336.15	336.85	0.70	1.01	1.010	-	-	
			PED69763	336.85	337.70	0.85	8.36	8.360	-	-	
			PED69764	337.70	338.35	0.65	0.47	0.465	-	-	
			PED69766	338.35	339.00	0.65	0.74	0.744	-	-	
			PED69767	339.00	339.65	0.65	0.26	0.256	-	-	
			PED69768	339.65	340.70	1.05	0.38	0.383	-	-	
			PED69770	340.70	341.55	0.85	0.27	0.270	-	-	
			PED69771	341.55	342.50	0.95	0.66	0.661	-	-	
			PED69772	342.50	343.10	0.60	0.35	0.349	-	-	
			PED69773	343.10	343.70	0.60	0.35	0.354	-	-	
			PED69774	343.70	344.25	0.55	0.43	0.425	-	-	
			PED69775	344.25	344.85	0.60	0.24	0.243	-	-	
			PED69776	344.85	345.65	0.80	0.23	0.233	-	-	
345.65	345.95	Feature 1	PED69777	345.65	345.95	0.30	2.19	2.190	-	-	

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0		

QLF: XEN GS1
 BK; Med Green; Dark green; VFG: probable xenolith of ultramafic hosted within I3; veined contacts; barren



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
345.95	353.75	Feature 1	PED69778	345.95	346.90	0.95	30.16	>10.000	30.16	-
		Type	PED69779	346.90	347.45	0.55	1.76	1.760	-	-
		I3 Felsic_intrusive	PED69781	347.45	348.00	0.55	0.49	0.487	-	-
		QLF: XEN GS1 FOL	PED69782	348.00	348.75	0.75	0.79	0.791	-	-
		Felsic Dyke; light-dark grey; locally pinkish; aphanitic-vfg; ~7% mm-cm scale smokey qtz veins @ multiple discordant orientations; localized mod-strong bio alteration assoc w vein halos; barren-trace sulphides; wk fol @ 45 TCA; LCT @ 60 TCA	PED69783	348.75	349.30	0.55	0.69	0.694	-	-
			PED69784	349.30	350.10	0.80	0.40	0.396	-	-
			PED69785	350.10	351.00	0.90	0.44	0.443	-	-
		Alteration : Type/Intensity/Texture	PED69786	351.00	351.50	0.50	2.70	2.700	-	-
		BIO 2 PRV	PED69787	351.50	352.30	0.80	0.34	0.343	-	-
			PED69788	352.30	353.00	0.70	0.30	0.304	-	-
		Mineralization Maj. : Type/GSZ%/HABIT	PED69790	353.00	353.75	0.75	0.38	0.378	-	-
		346.90 - PY GS1 0.5 DEF								
		347.45								
		346.90 - PO GS1 1.5 DIS								
		347.45								
		Comment								
		2 cm smokey qtz vein @ 30 TCA showing up to 10% sulphides within vein								
		2 cm smokey qtz vein @ 30 TCA showing up to 10% sulphides within vein								
353.75	354.95	Feature 1	PED69791	353.75	354.35	0.60	0.16	0.161	-	-
		Type	PED69792	354.35	354.95	0.60	0.01	0.013	-	-
		E0B Komatiitic_basalt								
		QLF: XEN GS0 FOL								
		BK; Med Green; Dark green; VFG: probable xenolith of ultramafic hosted within I3; veined contacts; barren								
		Alteration : Type/Intensity/Texture								
		CHL 2 PRV								
354.95	355.85	Feature 1	PED69793	354.95	355.85	0.90	0.43	0.430	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>I3 Felsic_intrusive</p> <p>QLF: GS1 FOL</p> <p>Felsic Dyke; light-dark grey; locally pinkish; aphanitic-vfg; ~7% mm-cm scale smokey qtz veins @ multiple discordant orientations; localized mod-strong bio alteration assoc w vein halos; barren-trace sulphides; wk fol @ 45 TCA; LCT @ 70 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 2 LOC</p>								
355.85	373.75	Feature 1								
		<p>E0T Talc_rich_unit</p> <p>QLF: GS1 FOL ALT</p> <p>Talc-Altered Ultramafic; Med-Dark Green; wk-mod talcose alteration throughout; mod fol @ 50 TCA; LCT @ 30 TCA</p> <p>Alteration : Type/Intensity/Texture AMP SIL TLC 2 PRV</p>								
			PED69794	355.85	356.85	1.00	0.01	0.007	-	-
			PED69795	356.85	357.85	1.00	0.00	<0.005	-	-
			PED69796	372.00	373.00	1.00	0.03	0.031	-	-
			PED69797	373.00	373.75	0.75	0.12	0.124	-	-



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
373.75	389.75	Feature 1	PED69798	373.75	374.50	0.75	0.57	0.571	-	-
		Type	PED69800	374.50	375.00	0.50	0.02	0.017	-	-
		E1H High_titanium_basalt	PED69801	375.00	375.80	0.80	0.19	0.185	-	-
		QLF: MIN GS1 MAS	PED69802	375.80	376.70	0.90	0.32	0.315	-	-
		Hi Ti Basalt; Dark Grey/Black; aphanitic-VFG; 2% 1-3 cm smokey qtz veining predominantly @ 30 TCA; 8-10% VFG dism Po throughout; intensifying to 15% towards LCT; mostly massive; LCT @ 70 TCA	PED69803	376.70	377.65	0.95	0.18	0.179	-	-
			PED69804	377.65	378.35	0.70	0.03	0.033	-	-
			PED69805	378.35	379.35	1.00	0.03	0.032	-	-
			PED69806	379.35	379.65	0.30	0.11	0.110	-	-
			PED69807	379.65	380.40	0.75	0.11	0.111	-	-
			PED69808	380.40	381.00	0.60	0.06	0.060	-	-
			PED69809	381.00	381.55	0.55	0.17	0.165	-	-
			PED69810	381.55	382.20	0.65	0.06	0.064	-	-
			PED69811	382.20	382.85	0.65	0.25	0.254	-	-
			PED69813	382.85	383.15	0.30	1.42	1.420	-	-
			PED69814	383.15	383.50	0.35	0.52	0.518	-	-
			PED69815	383.50	384.00	0.50	1.56	1.560	-	-
			PED69816	384.00	385.00	1.00	0.14	0.138	-	-
			PED69818	385.00	385.55	0.55	0.14	0.141	-	-
			PED69819	385.55	386.20	0.65	0.19	0.185	-	-
			PED69820	386.20	387.00	0.80	0.40	0.399	-	-
			PED69821	387.00	387.70	0.70	1.01	1.010	-	-
			PED69822	387.70	388.15	0.45	1.03	1.030	-	-
			PED69824	388.15	389.15	1.00	0.18	0.184	-	-
			PED69825	389.15	389.75	0.60	0.03	0.026	-	-
389.75	402.30	Feature 1	PED69826	389.75	390.70	0.95	0.01	0.006	-	-
		Type	PED69827	390.70	391.70	1.00	0.01	0.005	-	-
		E0T Talc_rich_unit	PED69828	401.45	402.30	0.85	0.02	0.019	-	-



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: ALT GS1 Talc-Altered BK; Dark Blue/Green; looks like Perodtitic Komatiite; VFG; chaotic talcose stringers throughout;</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p>									
402.30	404.80	<p>Feature 1</p> <p style="text-align: center;">Type Dyke % Thickness Colour Vein</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0</p> <p>QLF: BRX GS1 Basaltic Komatiite; interval of noticeably less talc alteration; med green; aphanitic; chaotic brx texture throughout with qtz and calcite infilling; barren</p> <p>Alteration : Type/Intensity/Texture TLC 1 PRV</p>	PED69829	402.30	403.05	0.75	0.01	0.007	-	-	
			PED69830	403.05	403.85	0.80	0.01	0.013	-	-	
			PED69831	403.85	404.80	0.95	0.01	0.013	-	-	
404.80	432.50	<p>Feature 1</p> <p style="text-align: center;">Type Dyke % Thickness Colour Vein</p> <p>E0T Talc_rich_unit <input type="checkbox"/> 0 0</p> <p>QLF: GS1 FTB ALT Talc-Altered Ultramafic; light-dark green; creamy talcose stringers; mod flow top brx texture throughout; aphanitic-VFG; LCT @ 55 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p>	PED69833	404.80	405.50	0.70	0.01	0.013	-	-	
			PED69834	405.50	406.50	1.00	0.01	0.011	-	-	
			PED69835	406.50	407.00	0.50	0.00	<0.005	-	-	
			PED69836	407.00	408.00	1.00	0.01	0.010	-	-	
			PED69837	408.00	409.00	1.00	0.00	<0.005	-	-	



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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
432.50	432.90	Feature 1									
		Type									
		I3R QFP									
		QLF: PHE GS2 MAS									
		Quartz Feldspar Porphyry dyke; Dark Blue/Green; Medium Grained 1-4 mm phenocrysts of Fsp in aphanitic groundmass; LCT @ 50 TCA									
		Dyke % Thickness Colour Vein									
		<input type="checkbox"/> 0 0									
432.90	441.85	Feature 1	PED69838	439.80	440.85	1.05	0.01	0.006	-	-	
		Type	PED69839	440.85	441.85	1.00	0.03	0.028	-	-	
		E0T Talc_rich_unit									
		QLF: GS1 FOL VND									
		Talc-altered Basaltic Komatiite; Dark Blue/Green; Aphanitic-VFG; Semi-regular talcose stringers // to S1 @ 50 TCA; LCT @ 90 TCA									
		Dyke % Thickness Colour Vein									
		<input type="checkbox"/> 0 0									
		Alteration : Type/Intensity/Texture									
		TLC 2 PRV									
441.85	443.00	Feature 1	PED69840	441.85	442.20	0.35	0.04	0.042	-	-	
		Type	PED69841	442.20	443.00	0.80	0.45	0.453	-	-	
		E0B Komatiitic_basalt									
		QLF: DEFS LAM BED									
		Sheared/Deformed komatiite; VFG banded of sheared laminae; mod-strong carb veining // to crenulating/folded beds; barren-trace sulphides; LCT @ 65 TCA									
		Dyke % Thickness Colour Vein									
		<input type="checkbox"/> 0 0									



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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture BIO 2 BAN CB 3 VND									
443.00	446.60	Feature 1	PED69842	443.00	443.45	0.45	0.06	0.064	-	-	
		Type E1H High_titanium_basalt QLF: DEF BRK PLA Intermixed brecciated E0B & E1H; Med-Dark Green; Dark Brown; VFG; mod-strong brx texture throughout imbricated @ 65 TCA; localized extensional qtz veining discordant to imbrication; LCT @ 60 TCA	PED69843	443.45	443.95	0.50	0.08	0.077	-	-	
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0	PED69845	443.95	444.45	0.50	0.21	0.211	-	-	
			PED69846	444.45	445.10	0.65	0.46	0.463	-	-	
			PED69847	445.10	446.05	0.95	0.13	0.128	-	-	
			PED69848	446.05	446.60	0.55	0.17	0.171	-	-	
		Alteration : Type/Intensity/Texture BIO 2 PRV CHL 2 PRV									
		Structure: 443.95 - 445.10 Alpha: 15 Beta: 0 Type/GEN/Intensity CA1: CA2: V2A 2 10 20									
446.60	448.20	Feature 1	PED69849	446.60	447.35	0.75	1.39	1.390	-	-	
		Type E1H High_titanium_basalt QLF: MIN GS1 MAS Garnetiferous Hi Ti; Dark Brown; Dark Grey/Black; Aphanitic with 30% coarse grained garnets mostly replaced w/ AsPy & Magnetite; massive; LCT @ 65 TCA	PED69851	447.35	448.20	0.85	1.62	1.620	-	-	
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Alteration : Type/Intensity/Texture GRN 2 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT 446.60 - 448.20 MT GS2 10 DIS 446.60 - 448.20 AS GS2 20 DIS 446.60 - 448.20 GR GS2 30 CRX	Comment Areseno & Magnetite replacement of medium-coarse grained garnets in E1H Areseno & Magnetite replacement of medium-coarse grained garnets in E1H Areseno & Magnetite replacement of medium-coarse grained garnets in E1H								
448.20	467.15	Feature 1	PED69852	448.20	449.00	0.80	1.51	1.510	-	-	
		Type	PED69853	449.00	449.35	0.35	2.05	2.050	-	-	
		E1H High_titanium_basalt <input type="checkbox"/> Dyke % Thickness Colour Vein	PED69854	449.35	449.65	0.30	11.94	>10.000	11.94	-	
		QLF: GS1 MAS MIN	PED69855	449.65	450.00	0.35	10.42	>10.000	10.42	-	
		HiTi Basalt; Dark Grey/Black; Aphanitic; mostly massive; 2% mm-cm scale smokey qtz veining; veining increasing from 464.75-466.05 m; mineralization assoc w/ veining; LCT @ 60 TCA	PED69856	450.00	450.40	0.40	5.06	5.060	-	-	
		Alteration : Type/Intensity/Texture BIO 2 PRV	PED69858	450.40	450.85	0.45	4.42	4.420	-	-	
		Structure:	PED69859	450.85	451.60	0.75	14.38	>10.000	14.38	-	
		450.40 - 450.85 Alpha: 40 Beta: 0	PED69861	451.60	452.00	0.40	6.13	6.130	-	-	
		Type/GEN/Intensity CA1: CA2:	PED69862	452.00	452.55	0.55	0.68	0.676	-	-	
		V2S 2 40 45	PED69863	452.55	453.10	0.55	0.52	0.515	-	-	
		450.85 - 451.60 Alpha: 10 Beta: 0	PED69864	453.10	453.40	0.30	1.16	1.160	-	-	
		Type/GEN/Intensity CA1: CA2:	PED69866	453.40	454.00	0.60	1.04	1.040	-	-	
		V2_E 2 5 15	PED69867	454.00	454.45	0.45	0.08	0.077	-	-	
			PED69868	454.45	454.90	0.45	2.60	2.600	-	-	
			PED69869	454.90	455.65	0.75	0.10	0.103	-	-	
			PED69870	455.65	455.95	0.30	0.02	0.021	-	-	
			PED69871	455.95	456.30	0.35	1.52	1.520	-	-	



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- Detailed -

Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
453.10 - 453.40	Alpha: 20	Beta: 0		PED69872	456.30	456.80	0.50	0.13	0.133	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED69873	456.80	457.70	0.90	0.97	0.967	-	-	
	V2S 2	20	20	PED69874	457.70	458.50	0.80	0.02	0.015	-	-	
454.45 - 454.90	Alpha: 25	Beta: 0		PED69875	458.50	458.90	0.40	0.00	<0.005	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED69876	458.90	459.20	0.30	0.01	0.006	-	-	
	V2S 2	20	30	PED69877	459.20	459.50	0.30	0.02	0.018	-	-	
455.65 - 455.95	Alpha: 60	Beta: 0		PED69878	459.50	460.10	0.60	0.02	0.018	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED69879	460.10	460.95	0.85	0.01	0.013	-	-	
	V2S 2	60	60	PED69881	460.95	461.90	0.95	0.03	0.030	-	-	
	V2S 2	20		PED69882	461.90	462.60	0.70	0.01	0.013	-	-	
456.30 - 456.80	Alpha: 30	Beta: 0		PED69883	462.60	462.90	0.30	0.02	0.015	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED69884	462.90	463.20	0.30	0.02	0.015	-	-	
	V2 2	15	15	PED69885	463.20	463.80	0.60	0.01	0.009	-	-	
	V2 2	30	30	PED69886	463.80	464.25	0.45	1.12	1.120	-	-	
459.20 - 459.50	Alpha: 80	Beta: 0		PED69888	464.25	464.75	0.50	0.06	0.058	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED69889	464.75	465.15	0.40	1.00	0.997	-	-	
	FLT1	10	10	PED69890	465.15	465.75	0.60	8.20	8.200	-	-	
	V3 2	80	85	PED69892	465.75	466.05	0.30	17.10	>10.000	17.10	-	
463.80 - 464.25	Alpha: 45	Beta: 0		PED69893	466.05	466.60	0.55	1.15	1.150	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED69894	466.60	467.15	0.55	0.21	0.205	-	-	
	V2S	15	15									
	V2 2	45	45									
464.75 - 466.05	Alpha: 35	Beta: 0										
	Type/GEN/Intensity	CA1:	CA2:									
	V2 2	15	15									
	V2S 3	30	35									
	Mineralization Maj. :	Type/GSZ%/HABIT		Comment								
448.20 - 449.00	PY GS1 1 DIS			Silicified E1H; FG dism Po/Py with VFG pin-pricks of AsPy								
448.20 - 449.00	AS GS1 2 DIS			Silicified E1H; FG dism Po/Py with VFG pin-pricks of AsPy								



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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)					<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
448.20 - 449.00		PO	GS1	3	DIS	Silicified E1H; FG dism Po/Py with VFG pin-pricks of AsPy									
449.00 - 449.35		PY	GS1	3	DIS	Narrow Band of very-strong fuchsite alteration; strong band of Py/Po min at fuchsite band contacts									
449.00 - 449.35		FC	GS1	40	DIS	Narrow Band of very-strong fuchsite alteration; strong band of Py/Po min at fuchsite band contacts									
449.35 - 449.65		PO	GS1	15	DIS	Strong Po/Py mineralization/replacement between above Fuchsite and 7 cm creamy qtz vein @ 15 TCA									
449.35 - 449.65		PY	GS1	5	DIS	Strong Po/Py mineralization/replacement between above Fuchsite and 7 cm creamy qtz vein @ 15 TCA									
449.65 - 450.40		PY	GS1	2	DIS	Dism sulphides in silicified E1H									
449.65 - 450.40		PO	GS1	4	DIS	Dism sulphides in silicified E1H									
450.40 - 450.85		PY	GS1	3	DIS	4 cm creamy qtz vein w/ 10-12 dism sulphides in tension cracks within vein; 30 cm silicified E1H 5-7% mineralized halo									
450.40 - 450.85		PO	GS1	9	DIS	4 cm creamy qtz vein w/ 10-12 dism sulphides in tension cracks within vein; 30 cm silicified E1H 5-7% mineralized halo									
450.85 - 451.60		PO	GS1	3	DIS	Low angle extension vein; smokey qtz; stong mineralization halo adjacent to vein contacts									
450.85 - 451.60		PY	GS1	12	DIS	Low angle extension vein; smokey qtz; stong mineralization halo adjacent to vein contacts									
454.45 - 454.90		PO	GS1	1	DIS	3 cm smokey qtz vein; 2-3% Sulphides primarily within vein									
454.45 - 454.90		PY	GS1	2	DIS	3 cm smokey qtz vein; 2-3% Sulphides primarily within vein									
456.30 - 456.80		PO	GS1	2	DIS	Intersecting discordant smokey 1-3 qtz veins; minor Po (5%) noted at vein intersection									
463.80 - 464.25		PO	GS1	1	DIS	Minor sulphides assoc w/ qtz veining @ 45 TCA									



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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
	463.80 - 464.25	PY	GS1	2	DIS	Minor sulphides assoc w/ qtz veining @ 45 TCA										
	464.75 - 466.05	PO	GS1	7	DIS	Zone of strong brecciation and chaotic qtz veining; mineralzation predominantly in silicified E1H directly adjacent to veining										
	464.75 - 466.05	PY	GS1	3	DIS	Zone of strong brecciation and chaotic qtz veining; mineralzation predominantly in silicified E1H directly adjacent to veining										
	466.05 - 467.15	PY	GS1	1	DIS	Minor dism sulphides in E1H										
	466.05 - 467.15	PO	GS1	2	DIS	Minor dism sulphides in E1H										
467.15	468.30	Feature 1					PED69895	467.15	467.75	0.60	0.16	0.159	-	-		
		Type		Dyke	%	Thickness	Colour	Vein	PED69896	467.75	468.30	0.55	0.03	0.032	-	-
		E0B Komatiitic_basalt		<input type="checkbox"/>	0	0										
		QLF: BRX GS1 FOL														
		Basaltic Komatiite; Light-Med green; aphanitic-VFG; brecciation throughout; minor carb veining sub-// TCA; LCT @ 55 TCA														
		Alteration : Type/Intensity/Texture														
		CHL 2 PRV														
468.30	469.70	Feature 1					PED69897	468.30	468.75	0.45	0.08	0.077	-	-		
		Type		Dyke	%	Thickness	Colour	Vein	PED69898	468.75	469.15	0.40	0.07	0.072	-	-
		E1H High_titanium_basalt		<input type="checkbox"/>	0	0			PED69899	469.15	469.70	0.55	1.49	1.490	-	-
		QLF: MIN BRK VND														
		Hi Ti; Dark Grey; Aphanitic-VFG; Mod-strong fol @ 40 TCA; deformation and mineralization increasing dowhole towards LCT; 5-7% Po/Py + 2% AsPy assoc w/ veining and deformation; LCT @ 45 TCA														



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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Alteration :	Type/Intensity/Texture								
			SIL 2 VND								
			BIO 2 PRV								
		Structure:									
469.15 - 469.70		Alpha: 45	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		V2S 2	40	50							
		Mineralization Maj. :	Type/GSZ%/HABIT	Comment							
469.15 - 469.70		AS GS1 1 DIS	Dism sulphides in silicified E1H adjacent to brecciated qtz veining								
469.15 - 469.70		PY GS1 2 DIS	Dism sulphides in silicified E1H adjacent to brecciated qtz veining								
469.15 - 469.70		PO GS1 4 DIS	Dism sulphides in silicified E1H adjacent to brecciated qtz veining								
469.70	474.20	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	□	50	0						
		QLF: BRX GS1 FOL									
		Intermixed HiTi & BK; med-dark green; dark grey; aphanitic-VFG; strong Brx texture throughout; chaotic veining with moderate trend @ 45 TCA; LCT @ 55 TCA									
		Alteration :	Type/Intensity/Texture								
			CHL 2 PRV								
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				



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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E0B Komatiitic_basalt <i>QLF:</i> BRX GS1 FOL									
		<input type="checkbox"/> 50 0									
474.20	475.55	Feature 1	PED69910	474.20	474.95	0.75	0.06	0.059	-	-	
		Type	PED69911	474.95	475.55	0.60	0.06	0.055	-	-	
		Dyke % Thickness Colour Vein									
		E0T Talc_rich_unit <i>QLF:</i> GS2 FOL Talc zone; dark blue/grey; VF-FG; looks like Periodtitic Komatiite; wk fol @ 60 TCA; LCT @ 70 TCA									
		<input type="checkbox"/> 0 0									
		Alteration : Type/Intensity/Texture TLC 2 PRV									
475.55	477.65	Feature 1	PED69912	475.55	476.30	0.75	1.14	1.140	-	-	
		Type	PED69913	476.30	476.70	0.40	4.82	4.820	-	-	
		Dyke % Thickness Colour Vein	PED69914	476.70	477.65	0.95	0.37	0.372	-	-	
		E1H High_titanium_basalt <i>QLF:</i> BRX GS2 FOL Intermixed HiTi & BK; med-dark green; dark grey; aphanitic-VFG; strong Brx texture throughout; chaotic veining with moderate trend @ 45 TCA; LCT @ 50 TCA									
		<input type="checkbox"/> 50									
		Alteration : Type/Intensity/Texture CHL 2 PRV									
		Feature 2:									
		Type									
		Dyke % Thickness Colour Vein									



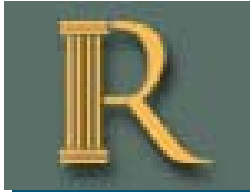
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Hole Number **610L-17-18**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		E0B <i>Komatiitic_basalt</i> <i>QLF:</i> BRX GS2 FOL									
		<input type="checkbox"/> 0 0									
477.65	480.00	Feature 1	PED69915	477.65	478.20	0.55	0.02	0.021	-	-	
		<i>Type</i>	PED69916	478.20	479.05	0.85	0.00	<0.005	-	-	
		<i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i>	PED69917	479.05	480.00	0.95	0.01	0.009	-	-	
		E0T <i>Talc_rich_unit</i> <i>QLF:</i> FOL GS1									
		<input type="checkbox"/> 0 0									
		Talc zone; dark blue/grey; VF-FG; looks like Perioditic Komatiite; wk fol @ 60 TCA; talcose stringers // to S1 @ 50; EOH @ 480 m									
		Alteration : <i>Type/Intensity/Texture</i> TLC 2 PRV									



DRILL HOLE REPORT

Hole Number **610L-17-19**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 102.33	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: -3.54	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 477	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 13-Sep-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 19-Sep-17				Surveyed: yes
Logged: 26-Sep-17				Surveyed by: Mark Cottrell
Comment: Good veining/mineralization in High Ti Basalt/Komatiite from 439 to 448 m with VG in V2 extension str @ 444.98 m.				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10041.216	East: 448147.82	Left in hole:
		North: 49930.433	North: 5663884.51	Making water:
		Elev.: 4762.726	Elev.: -237.27	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	102.33	-3.54	C	<input type="checkbox"/>	
0.00	102.33	-3.54	C	<input checked="" type="checkbox"/>	
10.00	101.77	-3.90	Gyro	<input checked="" type="checkbox"/>	
15.00	100.79	-3.90	DeviSh ot	<input type="checkbox"/>	
20.00	101.93	-3.75	Gyro	<input checked="" type="checkbox"/>	
30.00	101.90	-3.77	Gyro	<input checked="" type="checkbox"/>	
40.00	101.88	-3.58	Gyro	<input checked="" type="checkbox"/>	
50.00	101.76	-3.60	Gyro	<input checked="" type="checkbox"/>	
51.00	103.47	-3.85	DeviSh ot	<input type="checkbox"/>	
60.00	101.72	-3.69	Gyro	<input checked="" type="checkbox"/>	
70.00	101.61	-3.80	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.00	101.56	-3.77	Gyro	<input checked="" type="checkbox"/>	
90.00	101.63	-3.80	Gyro	<input checked="" type="checkbox"/>	
100.00	101.61	-3.92	Gyro	<input checked="" type="checkbox"/>	
102.00	98.10	-4.30	DeviSh ot	<input type="checkbox"/>	Suspect....removed
110.00	101.68	-3.96	Gyro	<input checked="" type="checkbox"/>	
120.00	101.79	-3.96	Gyro	<input checked="" type="checkbox"/>	
130.00	101.92	-4.01	Gyro	<input checked="" type="checkbox"/>	
140.00	101.99	-4.11	Gyro	<input checked="" type="checkbox"/>	
150.00	98.93	-4.38	DeviSh ot	<input type="checkbox"/>	Suspect....removed
150.00	102.14	-4.15	Gyro	<input checked="" type="checkbox"/>	
160.00	102.26	-4.20	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-19

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.00	102.06	-4.30	Gyro	<input checked="" type="checkbox"/>	
180.00	101.99	-4.35	Gyro	<input checked="" type="checkbox"/>	
190.00	102.01	-4.48	Gyro	<input checked="" type="checkbox"/>	
200.00	102.07	-4.49	Gyro	<input checked="" type="checkbox"/>	
201.00	101.00	-4.80	DeviSh ot	<input type="checkbox"/>	
210.00	102.15	-4.66	Gyro	<input checked="" type="checkbox"/>	
220.00	102.06	-4.69	Gyro	<input checked="" type="checkbox"/>	
230.00	102.08	-4.75	Gyro	<input checked="" type="checkbox"/>	
240.00	102.13	-4.85	Gyro	<input checked="" type="checkbox"/>	
250.00	102.23	-4.93	Gyro	<input checked="" type="checkbox"/>	
252.00	100.70	-5.30	DeviSh ot	<input type="checkbox"/>	
260.00	102.22	-5.03	Gyro	<input checked="" type="checkbox"/>	
270.00	102.18	-5.06	Gyro	<input checked="" type="checkbox"/>	
280.00	102.24	-5.11	Gyro	<input checked="" type="checkbox"/>	
290.00	102.40	-5.01	Gyro	<input checked="" type="checkbox"/>	
300.00	102.49	-5.07	Gyro	<input checked="" type="checkbox"/>	
300.00	103.00	-5.29	DeviSh ot	<input type="checkbox"/>	
310.00	102.54	-5.03	Gyro	<input checked="" type="checkbox"/>	
320.00	102.80	-5.06	Gyro	<input checked="" type="checkbox"/>	
330.00	102.77	-5.10	Gyro	<input checked="" type="checkbox"/>	
340.00	102.85	-5.15	Gyro	<input checked="" type="checkbox"/>	
350.00	102.52	-5.43	DeviSh ot	<input type="checkbox"/>	
350.00	102.93	-5.12	Gyro	<input checked="" type="checkbox"/>	
360.00	102.92	-5.15	Gyro	<input checked="" type="checkbox"/>	
370.00	103.00	-5.19	Gyro	<input checked="" type="checkbox"/>	
380.00	102.99	-5.23	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	102.20	-5.70	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	97.80	-5.90	DeviSh ot	<input type="checkbox"/>	Suspect....removed
477.00	103.40	-5.90	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
0.00	3.47	Feature 1									
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT DEFS FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to strongly foliated/sheared @ 55-65 tca, strong pervassive chl alteration and weak patchy talc alteration and weak patchy bio alteration, minor veining consist of 2-3% irregular/ fragmented/boudinaged/ folded qtz-carb strrs which are parallel to the local foliation/fracture orientation @ 50 to 60 tca., badly broken core throughout with local ground core from 1.6 to 1.8 m, no mineralization observed, lower contact with altered Mafic Dyke @ 70 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 1 PCH</p> <p style="margin-left: 40px;">BIO 1 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>1.59 - 1.60 Alpha: 70 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD</p>									
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input type="checkbox"/> 97 0 GNM C</p>									
		Feature 2:									
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT DEFS FRA</p>									
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;"><input type="checkbox"/> 3 0 WHT C</p>									
3.47	3.81	Feature 1									
		<p style="text-align: center;">Type</p> <p style="text-align: center;">Dyke % Thickness Colour Vein</p>									



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Hole Number **610L-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 BND QLF: ALT GS1 MAS Mafic Dyke: Fine-grained, dark brown, massive textured, strong pervasive bio alteration, weak fracturing @ 70-80 tca (<1/m), weak (<1%) qtz-carb irregular threads @ 65-75 tca, no visible mineralization, however weakly magnetitic throughout, sharp contacts @ 70 tca.																		
		Alteration : Type/Intensity/Texture CHL 1 PCH SIL 1 PRV BIO 3 PRV																		
		Structure: 3.80 - 3.81 Alpha: 70 Beta: 0 Type/GEN/Intensity CA1: CA2: CD																		
3.81	45.40	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td style="text-align: center;">C</td> </tr> </tbody> </table> QLF: ALT DEFS FTB Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with folding/fracturing/foliation/shear fabrics @ 55-65 tca present, badly broken core throughout, strong pervasive chl alteration and patchy moderate to strong talc alteration which increases downhole, local weak patchy bio alteration proximal to altered Mafic Dykes, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strrs which are parallel to the local foliation/shear/fracture orientation @ 40 to 70 tca, no visible mineralization, sharp lower contact with Mafic Dyke @ 35 tca.	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNM	C						
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNM	C															
		Alteration : Type/Intensity/Texture BIO 1 PCH TLC 2 PCH																		



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Hole Number **610L-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		CHL 3 PRV									
		Structure:									
	45.39 - 45.40	Alpha: 35 Type/GEN/Intensity CD									
		Beta: 0 CA1: CA2:									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C				
		QLF: ALT DEFS FTB									
45.40	45.80	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BND					
		QLF: ALT BRK GS1									
		Mafic Dyke: Fine-grained, dark brown, massive textured, strong pervassive bio alteration, highly broken up core, no visible mineralization, sharp upper contact @ 35 tca, lower contact broken.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		CHL 1 PCH									
		BIO 3 PRV									
45.80	112.44	Feature 1									



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Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)																																
		Type	Dyke	%	Thickness	Colour	Vein																																								
		E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GNM	C																																								
<p>QLF: ALT DEFS FTB</p> <p>Komatiitic Basalt: As above, fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), strong deformation throughout with folding/fracturing/foliation/shear fabrics @ 50-65 tca present, badly broken core throughout, fracturing @ 50 to 70 tca (2-3/m) and 25 to 45 tca (1-2/m), strong pervasive chl alteration and patchy moderate talc alteration, minor local weak patchy bio alteration proximal to altered Mafic Dykes, veining consist of 4-5% irregular/ fragmented/boudinaged/ folded qtz-carb strs which are parallel to the local foliation/fracture orientation @ 40 to 70 tca, no visible mineralization, sharp lower contact with Gabbro Dyke @ 60 tca.</p>																																															
<p>Alteration :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 150px;">Type/Intensity/Texture</td> <td></td> </tr> <tr> <td>BIO 1 LOC</td> <td></td> </tr> <tr> <td>TLC 2 PCH</td> <td></td> </tr> <tr> <td>CHL 3 PRV</td> <td></td> </tr> </table>																Type/Intensity/Texture		BIO 1 LOC		TLC 2 PCH		CHL 3 PRV																									
Type/Intensity/Texture																																															
BIO 1 LOC																																															
TLC 2 PCH																																															
CHL 3 PRV																																															
<p>Structure:</p> <p>112.43 - 112.44 Alpha: 60 Beta: 0</p> <p style="margin-left: 100px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 100px;">CD</p>																																															
<p>Feature 2:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 150px;">Type</td> <td style="width: 50px;">Dyke</td> <td style="width: 50px;">%</td> <td style="width: 100px;">Thickness</td> <td style="width: 100px;">Colour</td> <td style="width: 100px;">Vein</td> <td colspan="10"></td> </tr> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> <td colspan="10"></td> </tr> </table> <p>QLF: ALT DEFS FTB</p>																Type	Dyke	%	Thickness	Colour	Vein											V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C										
Type	Dyke	%	Thickness	Colour	Vein																																										
V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	C																																										
112.44	117.49	Feature 1																																													
<table style="width: 100%; border: none;"> <tr> <td style="width: 150px;">Type</td> <td style="width: 50px;">Dyke</td> <td style="width: 50px;">%</td> <td style="width: 100px;">Thickness</td> <td style="width: 100px;">Colour</td> <td style="width: 100px;">Vein</td> <td colspan="10"></td> </tr> <tr> <td>I1A Gabbro</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> <td colspan="10"></td> </tr> </table>																Type	Dyke	%	Thickness	Colour	Vein											I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK											
Type	Dyke	%	Thickness	Colour	Vein																																										
I1A Gabbro	<input checked="" type="checkbox"/>	0	0	BLK																																											



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Hole Number **610L-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																			
		<p>QLF: GS2 MAS CHM</p> <p>Gabbroic Dyke: Med-grained, dark brown-black, weak patchy bio alteration locally concentrated proximal to contacts, massive textured with micro-fracturing infilled with calcite, minor (<1%) whitish calcite str @ 20 to 40 tca, no significant mineralization however weakly magnetitic throughout, weak fracturing @ 30 to 70 tca (1-2/m), sharp contacts @ 65 and 75 tca with chill margin present along upper contact.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> <td>2 SPT</td> </tr> <tr> <td>CHL</td> <td>3 PRV</td> </tr> <tr> <td>BIO</td> <td>1 LOC</td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>117.48 - 117.49</td> <td>Alpha: 75</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>CD</td> <td></td> </tr> </table>	Type/Intensity/Texture		AMP	2 SPT	CHL	3 PRV	BIO	1 LOC	117.48 - 117.49	Alpha: 75	Beta: 0		Type/GEN/Intensity	CA1: CA2:		CD												
Type/Intensity/Texture																														
AMP	2 SPT																													
CHL	3 PRV																													
BIO	1 LOC																													
117.48 - 117.49	Alpha: 75	Beta: 0																												
	Type/GEN/Intensity	CA1: CA2:																												
	CD																													
117.49	118.10	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table> <p>QLF: ALT MAS</p> <p>Komatiitic Basalt: As above, minor local section between Gabbro Dyake and Mafic Dyke, no veining or mineralization present.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> <td></td> </tr> <tr> <td>SIL</td> <td></td> </tr> <tr> <td>CHL</td> <td>3 PRV</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM		Type/Intensity/Texture		AMP		SIL		CHL	3 PRV								
Type	Dyke	%	Thickness	Colour	Vein																									
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																										
Type/Intensity/Texture																														
AMP																														
SIL																														
CHL	3 PRV																													



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA									
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)									
118.10	125.47	Feature 1																	
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive <input checked="" type="checkbox"/> Dyke % 0 Thickness 0 Colour GND Vein</p> <p>QLF: GS1 MAS FRA</p> <p>Mafic Dyke: Fine-grained, dark green, pervasive chl alteration and weak localized bio alteration proximal to contacts, massive textured with micro-fracturing infilled with calcite, minor (<1%) whitish calcite str @ 15 to 70 tca, no significant mineralization but weakly magnetitic throughout, weak fracturing @ 60-75 tca (1-2/m), upper contact broken, lower contact @ 55 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr><td>Type/Intensity/Texture</td></tr> <tr><td>BIO 1 LOC</td></tr> <tr><td>CBC 2 VND</td></tr> <tr><td>CHL 3 PRV</td></tr> </table> <p>Structure:</p> <p>125.46 - 125.47 Alpha: 55 Beta: 0</p> <table style="margin-left: 20px;"> <tr><td>Type/GEN/Intensity</td><td>CA1:</td><td>CA2:</td></tr> <tr><td>CD</td><td></td><td></td></tr> </table>	Type/Intensity/Texture	BIO 1 LOC	CBC 2 VND	CHL 3 PRV	Type/GEN/Intensity	CA1:	CA2:	CD									
Type/Intensity/Texture																			
BIO 1 LOC																			
CBC 2 VND																			
CHL 3 PRV																			
Type/GEN/Intensity	CA1:	CA2:																	
CD																			
125.47	270.07	Feature 1																	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> Dyke % 0 Thickness 0 Colour GNM Vein</p> <p>QLF: ALT FTB FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures throughout unit (flow top breccia with local spinifex textures and possible local pillow selveges), strong deformation throughout with folding/fracturing/foliation fabrics present, badly broken core throughout (with ground sections from 144 to 145m and 160 to 165 m) , fracturing @ 50 to 70 tca (2-3/m) and 20 to 35 tca (1-2/m), strong pervasive chl alteration and patchy weak to moderate talc alteration (+/- minor local serpentine infilling curvilinear fracture planes locally with slickenslides), local spinifex textures present from 208 to 210 m, weak to moderately developed shear @ 22 to 35 tca from 235.5 to 236.25 m, minor veining consist of 1-2% irregular/ fragmented/boudinaged qtz-carb str which are parallel to the local foliation/fracture</p>	PED54874	263.00	264.00	1.00	0.01	0.012	-	-									
			PED54875	264.00	265.00	1.00	0.01	0.006	-	-									
			PED54876	265.00	266.00	1.00	0.00	<0.005	-	-									
			PED54877	266.00	267.00	1.00	0.00	<0.005	-	-									
			PED54878	267.00	268.00	1.00	0.01	0.008	-	-									
			PED54879	268.00	269.00	1.00	0.00	<0.005	-	-									
			PED54881	269.00	270.07	1.07	0.01	0.007	-	-									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
orientation @ 20 to 70 tca, no visible mineralization, sharp lower contact with Felsic Dyke @ 65 tca.											
Alteration :											
Type/Intensity/Texture											
AMP											
TLC 1 PCH											
CHL 3 PRV											
Structure:											
208.70 - 208.71 Alpha: 40 Beta: 0											
Type/GEN/Intensity CA1: CA2:											
FLT1											
235.50 - 236.25 Alpha: 30 Beta: 0											
Type/GEN/Intensity CA1: CA2:											
SHD 2 22 35											
270.06 - 270.07 Alpha: 65 Beta: 0											
Type/GEN/Intensity CA1: CA2:											
CD											
270.07	281.47	Feature 1	PED54882	270.07	271.00	0.93	0.25	0.245	-	-	
		Type			Dyke	%	Thickness	Colour	Vein		
		I3 Felsic_intrusive			<input checked="" type="checkbox"/>	98	0	BNM	S		
		QLF: ALT VND FRA									
Felsic Dyke: Fine to med-grained, mottled whitish-green to brownish colour, strong pervasive silica alteration and moderate to strong patchy bio, massive textured with moderate micro-fracturing, weak fracturing @ 20-30 tca (1/m) and 50-65 tca (2-3/m) with chl-sericite+/- py infilling fracture planes, local badly broken core with minor ground sections, 1-2% greyish-white sil'd planar qtz-carb strs @ 45-65 tca, trace fine-gr dissemin py-po., sharp contacts @ 65 and 60 tca.											
Alteration :											
Type/Intensity/Texture											
CHL 2 FF											
			PED54883	271.00	272.00	1.00	0.50	0.503	-	-	
			PED54884	272.00	273.00	1.00	0.65	0.653	-	-	
			PED54885	273.00	274.00	1.00	1.09	1.090	-	-	
			PED54886	274.00	275.00	1.00	0.68	0.677	-	-	
			PED54887	275.00	276.00	1.00	1.13	1.130	-	-	
			PED54888	276.00	277.00	1.00	1.24	1.240	-	-	
			PED54890	277.00	278.00	1.00	0.91	0.909	-	-	
			PED54891	278.00	279.00	1.00	0.99	0.989	-	-	
			PED54892	279.00	280.00	1.00	0.68	0.680	-	-	



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
		SIL 3 PRV	PED54894	280.00	281.00	1.00	0.65	0.646	-	-	
		BIO 3 PCH	PED54895	281.00	281.47	0.47	0.44	0.442	-	-	
Structure:											
	281.46 - 281.47	Alpha: 60 <i>Type/GEN/Intensity</i> CD									
		Beta: 0 <i>CA1: CA2:</i>									
Feature 2:											
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
	V2	Quartz_vein	<input checked="" type="checkbox"/>	2	0	GYM	S				
	<i>QLF:</i> ALT VND FRA										
	<i>Alteration :</i> <i>Type/Intensity/Texture</i>										
		SIL 3 PRV									
281.47	286.12	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
	E0B	Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
	<i>QLF:</i> ALT MAS FRA										
	Komatiitic Basalt: Fine to med-grained, dark green colour , massive textured, weak fracturing @ 25-30 tca (1-2/m) and 65-70 tca (1/m), strong pervassive chl and moderate patchy silica alteration, no visible mineralization or veining, sharp lower contact with Lamp Dyke @ 20 tca.										
	<i>Alteration :</i> <i>Type/Intensity/Texture</i>										
		SIL 2 PCH									
		CHL 3 PRV									
Structure:											
	286.11 - 286.12	Alpha: 20									
		Beta: 0									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type/GEN/Intensity CD									
		CA1: CA2:									
286.12	286.43	Feature 1	PED54901	286.00	286.43	0.43	0.07	0.070	-	-	
		Type									
		I0E Lamprophyre									
		Dyke <input checked="" type="checkbox"/>	%	Thickness	Colour	Vein					
			0	0	BLK						
		QLF: MAS GS1 BLK									
		Lamp Dyke: Fine-grained, dark black, massive textured, badly broken core, no veining or mineralization, sharp contacts @ 20 and 40 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
		Structure:									
		286.42 - 286.43	Alpha: 40	Beta: 0							
		Type/GEN/Intensity CD	CA1: CA2:								
286.43	287.52	Feature 1	PED54902	286.43	287.52	1.09	0.02	0.019	-	-	
		Type									
		E0B Komatiitic_basalt									
		Dyke <input type="checkbox"/>	%	Thickness	Colour	Vein					
			0	0	GNM						
		QLF: ALT MAS									
		Komatiitic Basalt: As above, fine to med-grained, dark green colour , massive textured, weak fracturing @ 30 tca (1/m) and 70 tca (1/m), strong pervassive chl and moderate patchy silica alteration and weak patchy bio alteration, no visible mineralization or veining, sharp lower contact with Lamp Dyke @ 40 tca.									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :	Type/Intensity/Texture								
			BIO 1 PCH								
			SIL 2 PCH								
			CHL 3 PRV								
		Structure:									
		287.51 - 287.52	Alpha: 40		Beta: 0						
			Type/GEN/Intensity		CA1: CA2:						
			CD								
287.52	291.14	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		IOE Lamprophyre	<input checked="" type="checkbox"/>	0	0	BLK					
		QLF: MAS GS1 FRA									
		Lamp Dyke: Fine-grained, dark black, massive textured, moderate fracturing @ 10-15 tca (1-2/m) and 65-70 tca (1-2/m), local badly broken core, no veining or mineralization, sharp contacts @ 40 tca.									
		Alteration :	Type/Intensity/Texture								
			AMP								
			SIL								
			CHL 2 PRV								
		Structure:									
		291.13 - 291.14	Alpha: 40		Beta: 0						
			Type/GEN/Intensity		CA1: CA2:						
			CD								
			PED54903	287.52	288.00	0.48	0.00	<0.005	-	-	
			PED54904	288.00	289.00	1.00	0.00	<0.005	-	-	
			PED54906	289.00	290.00	1.00	0.00	<0.005	-	-	
			PED54907	290.00	291.14	1.14	0.00	<0.005	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
291.14	307.90	Feature 1	PED54908	291.14	292.00	0.86	0.67	0.671	-	-	
		Type	PED54909	292.00	293.00	1.00	0.34	0.339	-	-	
		I3 Felsic_intrusive	PED54910	293.00	294.00	1.00	0.13	0.134	-	-	
		Dyke <input checked="" type="checkbox"/> % Thickness Colour Vein	PED54912	294.00	295.00	1.00	0.32	0.323	-	-	
		0 98 BNM S	PED54913	295.00	296.00	1.00	0.12	0.118	-	-	
		QLF: ALT MAS VND	PED54914	296.00	297.00	1.00	0.26	0.261	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish colour, strong pervasive silica alteration and strong patchy bio, massive textured with moderate micro-fracturing, weak fracturing @ 20-30 tca (1-2/m) and 45 to 75 tca (2-3/m) with chl-sericite+/- py infilling fracture planes, local badly broken core with minor ground sections, 1-2% greyish-white sil'd planar to fragmented/boudinaged qtz-carb strs @ 40-65 tca, trace fine-gr dissem py-po., sharp contacts @ 40 and 35 tca.	PED54916	297.00	298.00	1.00	0.27	0.265	-	-	
		Alteration :	PED54917	298.00	299.00	1.00	0.44	0.435	-	-	
		Type/Intensity/Texture	PED54918	299.00	300.00	1.00	0.62	0.624	-	-	
		CHL 2 FF	PED54919	300.00	301.00	1.00	0.81	0.812	-	-	
		SIL 3 PRV	PED54920	301.00	302.00	1.00	0.40	0.400	-	-	
		BIO 3 PCH	PED54921	302.00	303.00	1.00	0.30	0.295	-	-	
		Structure:	PED54922	303.00	304.00	1.00	0.18	0.183	-	-	
		307.89 - 307.90 Alpha: 35 Beta: 0	PED54923	304.00	305.00	1.00	0.43	0.427	-	-	
		Type/GEN/Intensity CA1: CA2:	PED54924	305.00	306.00	1.00	0.35	0.345	-	-	
		CD	PED54925	306.00	307.00	1.00	0.68	0.680	-	-	
			PED54926	307.00	307.90	0.90	0.43	0.431	-	-	
307.90	312.34	Feature 1	PED54927	307.90	309.00	1.10	0.19	0.194	-	-	
		Type	PED54928	309.00	310.00	1.00	0.10	0.101	-	-	
		E0B Komatiitic_basalt	PED54929	310.00	311.00	1.00	0.09	0.090	-	-	
		Dyke <input type="checkbox"/> % Thickness Colour Vein	PED54930	311.00	312.34	1.34	0.05	0.051	-	-	
		0 0 GND									
		QLF: ALT MAS									
		Komatiitic Basalt: As above, fine to med-grained, dark green colour, massive textured, weak fracturing @ 45 tca (<1/m) and 70 tca (1/m), strong pervasive chl and weak patchy silica alteration, no visible mineralization or veining, sharp lower contact with Felsic Dyke @ 50 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL 1 PCH									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		CHL 3 PRV									
		Structure:									
	312.33 - 312.34	Alpha: 50 Type/GEN/Intensity CD	Beta: 0 CA1: CA2:								
312.34	316.71	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input checked="" type="checkbox"/>	95	0	BNM	S				
		QLF: ALT MAS VND									
		Felsic Dyke: Fine to med-grained, mottled brownish colour, strong pervassive silica alteration and strong patchy bio, massive textured with moderate micro-fracturing, weak fracturing @ 20-30 tca (1-2/m) and 65-75 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local badly broken core, 4-5% greyish-white sil'd planar to fragmented/boudinaged qtz-carb str @ 55 to 80 tca, trace fine-gr dissemin py-po., sharp contacts @ 50 and 25 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PCH									
		Structure:									
	316.70 - 316.71	Alpha: 25 Type/GEN/Intensity CD	Beta: 0 CA1: CA2:								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
316.71	321.33	Feature 1	PED54938	316.71	318.00	1.29	0.19	0.191	-	-
		Type	PED54939	318.00	319.00	1.00	4.27	4.270	-	-
		E0B Komatiitic_basalt	PED54940	319.00	320.00	1.00	2.52	2.520	-	-
		QLF: ALT MAS GS2	PED54941	320.00	321.33	1.33	0.36	0.363	-	-
		Komatiitic Basalt: As above, fine to med-grained, dark green colour , massive textured, weak fracturing @ 50 tca (<1/m) and 70 tca (1/m), strong pervassive chl and weak patchy silica alteration, no visible mineralization or veining, sharp lower contact with Felsic Dyke @ 45 tca.								
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		SIL 1 PCH								
		CHL 3 PRV								
321.33	366.09	Feature 1	PED54942	321.33	322.00	0.67	0.34	0.342	-	-
		Type	PED54943	322.00	323.00	1.00	0.52	0.515	-	-
		I3 Felsic_intrusive	PED54945	323.00	324.00	1.00	0.44	0.436	-	-
		QLF: ALT MAS VND	PED54946	324.00	325.00	1.00	0.30	0.295	-	-
		Felsic Dyke: Fine to med-grained, mottled brownish colour , strong pervassive silica alteration and strong patchy bio, massive textured with moderate micro-fracturing, weak fracturing @ 20-30 tca (1-2/m) and 65-75 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, local badly broken core, 4-5% greyish-white sil'd planar to fragmented/boudinaged qtz-carb strs @ 30-35 tca and 55 to 80 tca, trace to locally 1% fine-gr disseminated py-po., minor inclusion (69 cm wide) of Komatiitic Basalt from 345.88 to 346.56 m (sharp contacts @ 75 & 50 tca), sharp Felsic Dyke upper contact @ 45 tca and lower contact @ 30 tca.	PED54947	325.00	326.00	1.00	0.32	0.315	-	-
			PED54948	326.00	327.00	1.00	0.43	0.431	-	-
			PED54949	327.00	328.00	1.00	0.72	0.722	-	-
			PED54950	328.00	329.00	1.00	0.87	0.869	-	-
			PED54951	329.00	330.00	1.00	0.81	0.810	-	-
			PED54953	330.00	331.00	1.00	1.04	1.040	-	-
		Alteration :	PED54954	331.00	332.00	1.00	0.73	0.725	-	-
		Type/Intensity/Texture	PED54955	332.00	333.00	1.00	0.53	0.526	-	-
		CHL 2 FF	PED54957	333.00	334.00	1.00	0.29	0.293	-	-
		SIL 3 PRV								
		BIO 3 PCH								
		Structure:								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
Structure.												
345.87 - 345.88	Alpha: 75	Beta: 0		PED54958	334.00	335.00	1.00	0.65	0.648	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED54959	335.00	336.00	1.00	21.99	>10.000	21.99	-	
	CD			PED54960	336.00	337.00	1.00	0.55	0.550	-	-	
346.55 - 346.56	Alpha: 50	Beta: 0		PED54961	337.00	338.00	1.00	0.80	0.803	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED54963	338.00	339.00	1.00	0.51	0.506	-	-	
	CD			PED54964	339.00	340.00	1.00	0.69	0.685	-	-	
366.08 - 366.09	Alpha: 30	Beta: 0		PED54965	340.00	341.00	1.00	1.28	1.280	-	-	
	Type/GEN/Intensity	CA1:	CA2:	PED54966	341.00	342.00	1.00	0.60	0.599	-	-	
	CD			PED54967	342.00	343.00	1.00	0.54	0.542	-	-	
				PED54968	343.00	344.00	1.00	0.54	0.541	-	-	
				PED54969	344.00	345.00	1.00	0.66	0.662	-	-	
				PED54970	345.00	345.88	0.88	0.60	0.596	-	-	
				PED54971	345.88	346.56	0.68	0.02	0.021	-	-	
				PED54972	346.56	347.00	0.44	0.64	0.643	-	-	
				PED54973	347.00	348.00	1.00	0.74	0.736	-	-	
				PED54974	348.00	349.00	1.00	0.42	0.423	-	-	
				PED54975	349.00	350.00	1.00	1.01	1.010	-	-	
				PED54976	350.00	351.00	1.00	0.25	0.250	-	-	
				PED54977	351.00	352.00	1.00	0.09	0.091	-	-	
				PED54978	352.00	353.00	1.00	0.58	0.575	-	-	
				PED54979	353.00	354.00	1.00	0.32	0.321	-	-	
				PED54980	354.00	355.00	1.00	0.16	0.164	-	-	
				PED54982	355.00	356.00	1.00	0.11	0.106	-	-	
				PED54983	356.00	357.00	1.00	0.59	0.592	-	-	
				PED54984	357.00	358.00	1.00	0.17	0.169	-	-	
				PED54985	358.00	359.00	1.00	0.22	0.221	-	-	
				PED54987	359.00	360.00	1.00	0.17	0.173	-	-	
Feature 2:												
	Type	Dyke	%	Thickness	Colour	Vein						
V2	Quartz_vein	<input checked="" type="checkbox"/>	5	0	GYM	S						
QLF:	ALT MAS VND											
Alteration :	Type/Intensity/Texture											
	SIL 3 PRV											



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			PED54988	360.00	361.00	1.00	0.38	0.377	-	-	
			PED54989	361.00	362.00	1.00	0.32	0.316	-	-	
			PED54990	362.00	363.00	1.00	0.41	0.413	-	-	
			PED54992	363.00	364.00	1.00	0.90	0.898	-	-	
			PED54993	364.00	365.00	1.00	0.73	0.727	-	-	
			PED54994	365.00	366.09	1.09	0.31	0.312	-	-	
366.09	379.30	Feature 1	PED54995	366.09	367.00	0.91	1.51	1.510	-	-	
		Type	PED54996	367.00	367.50	0.50	0.07	0.072	-	-	
		Dyke % Thickness Colour Vein	PED54997	367.50	368.30	0.80	17.32	>10.000	17.32	-	
		E1H High_titanium_basalt <input type="checkbox"/> 95 0 GND S	PED54998	368.30	369.00	0.70	0.19	0.189	-	-	
		QLF: ALT MAS VND	PED54999	369.00	370.00	1.00	0.13	0.134	-	-	
		High-Ti Basalt (Veined and Mineralized): Fine-grained, dark green colour, massive textured, strong pervasive silica-chl alteration with moderate to strong localized bio alteration (proximal to veining), weak fracturing @ 40-50 tca (1-2/m) and 60-70 tca (1-2/m), 4-5% planar to fragmented extensional qtz-carb-calcite thrds/strs @ 5 to 20 tca, and 7 cm wide Breccia Vein (V2_Bx) @ 50-55 tca from 371.23 to 371.30 m, trace fine-gr dissempo (locally concentrated up to 1-2% in proximity to veining and fracture infilling), weakly magnetitic throughout, sharp lower contact with Komatiitic Basalt @ 80 tca.	PED55000	370.00	370.50	0.50	0.09	0.094	-	-	
		Alteration :	PED53301	370.50	371.00	0.50	1.07	1.070	-	-	
		Type/Intensity/Texture	PED53302	371.00	371.30	0.30	0.59	0.589	-	-	
		CHL 3 PRV	PED53304	371.30	372.00	0.70	1.45	1.450	-	-	
		SIL 3 PRV	PED53305	372.00	373.00	1.00	1.46	1.460	-	-	
		BIO 2 PCH	PED53307	373.00	374.00	1.00	0.11	0.113	-	-	
		Structure:	PED53308	374.00	375.00	1.00	0.01	0.013	-	-	
		367.00 - 371.00 Alpha: 15 Beta: 0	PED53309	375.00	376.00	1.00	0.19	0.194	-	-	
		Type/GEN/Intensity CA1: CA2:	PED53310	376.00	377.00	1.00	0.36	0.364	-	-	
		V2_E 3 15 20	PED53311	377.00	378.00	1.00	0.04	0.035	-	-	
		371.23 - 371.30 Alpha: 50 Beta: 0	PED53312	378.00	379.00	1.00	0.01	0.012	-	-	
		Type/GEN/Intensity CA1: CA2:	PED53313	379.00	379.30	0.30	0.02	0.021	-	-	
		FLT1 3 55									
		V2_BX 3 50 55									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
	371.30 - 373.00	Alpha: 15 Type/GEN/Intensity V2_E 3									
		Beta: 0 CA1: CA2: 5 15									
	379.29 - 379.30	Alpha: 80 Type/GEN/Intensity Cl									
		Beta: 0 CA1: CA2: 75 80									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	WHT	S				
		QLF: ALT MAS VND									
		Alteration : Type/Intensity/Texture									
		SIL 3 PRV									
		CBC 3 VND									
379.30	383.70	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GNM	S				
		QLF: ALT MAS									
		Komatiitic Basalt: Fine to med-grained, dark greenish-brown colour , massive textured, weak fracturing @ 50 tca (<1/m) and 70 tca (1-2/m), strong pervasive chl-carb and moderate patchy silica-bio alteration, 1-2% planar to fragmented white calcite strs/threads @ 25-30 tca, no visible mineralization, lower contact with Mixed (Breccia) Zone faulted @ 35 tca.									
		Alteration : Type/Intensity/Texture									
		SIL 2 PCH									
		CB 3 PRV									
		CHL 3 PRV									
			PED53314	379.30	380.00	0.70	0.73	0.732	-	-	
			PED53315	380.00	380.50	0.50	0.70	0.700	-	-	
			PED53316	380.50	381.60	1.10	0.04	0.040	-	-	
			PED53317	381.60	382.30	0.70	0.02	0.019	-	-	
			PED53318	382.30	383.00	0.70	0.02	0.016	-	-	
			PED53319	383.00	383.70	0.70	0.30	0.300	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
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Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V1B <i>Calcite_vein</i>	☐	2	0	WHT	S
QLF: ALT MAS					

383.70 386.50 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B <i>Komatiitic_basalt</i>	☐	80	0	GNM	
QLF: ALT BRX DEFS					

PED53321	383.70	384.20	0.50	0.17	0.173	-	-
PED53322	384.20	384.60	0.40	1.87	1.870	-	-
PED53323	384.60	385.30	0.70	0.25	0.247	-	-
PED53324	385.30	386.00	0.70	0.11	0.107	-	-
PED53325	386.00	386.50	0.50	0.02	0.015	-	-

Mixed Zone (Breccia Zone): Fine-grained with mottled greenish-brown colour with mixed lithologies of Komatiitic Basalt (80%) and High-Ti Basalt (20%) , chaotic rubbly breccia texture with local faulting present as several crosscutting hairline blackline faults @ 35 tca, from 385.75 to 386.40m strong breccia fabric @ 45 tca with angular fragments within a whitish-grey calcite-carbonate matrix, strong overprinting silica-bio-chl-act-carb alteration, weak fracturing @ 70 tca (1/m), veining (1%) occurs as thin planar sil'd qtz-carb strs/threads @ 35-55 tca, mineralization consist of trace fine-gr dissemin po-py, lower contact with Komatiitic Basalt faulted @ 70 tca.

Alteration : *Type/Intensity/Texture*

CB 3 PRV
SIL 3 PRV
BIO 3 PCH

Structure:

383.69 - 386.49	Alpha: 35	Beta: 0		
	Type/GEN/Intensity	CA1:	CA2:	
	FLT1 3	35		
	FLT2 3	35	45	

Feature 2:



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt □ 20 0 BNM</p> <p>QLF: ALT BRX DEFS</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 3 PRV</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 3 FF</p>									
386.50	438.00	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt □ 0 0 GND</p> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark green colour , massive textured, weak fracturing @ 20-30 tca (1/m) and 65-70 tca (1-2/m), strong pervassive chl and moderate patchy silica-carb alteration, no visible mineralization, weak veining (1-2%) consisting of planar to fragmented/ irregular qtz-carb strs @ 70-80 tca, white calcite strs/vnlts @ 20 to 80 tca, gradational lower contact with strongly altered / banded Volcanic Metaseds @ 80 tca.</p> <p>Alteration : Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 2 PCH</p> <p style="margin-left: 40px;">CB 2 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p>	PED53326	386.50	387.00	0.50	0.05	0.047	-	-	
			PED53327	387.00	388.00	1.00	0.06	0.057	-	-	
			PED53328	388.00	388.50	0.50	0.00	<0.005	-	-	
			PED53330	388.50	389.50	1.00	0.04	0.040	-	-	
			PED53331	389.50	390.20	0.70	0.28	0.281	-	-	
			PED53333	390.20	391.00	0.80	0.02	0.024	-	-	
			PED53334	391.00	392.00	1.00	0.08	0.083	-	-	
			PED53335	392.00	393.00	1.00	0.02	0.024	-	-	
			PED53336	393.00	394.00	1.00	0.03	0.025	-	-	
			PED53337	394.00	395.00	1.00	0.03	0.032	-	-	
			PED53338	395.00	396.00	1.00	0.04	0.036	-	-	
			PED53339	396.00	397.00	1.00	0.00	<0.005	-	-	
			PED53340	397.00	398.00	1.00	0.00	<0.005	-	-	
			PED53341	398.00	399.00	1.00	0.00	<0.005	-	-	
			PED53343	399.00	400.00	1.00	0.00	<0.005	-	-	
			PED53344	400.00	401.00	1.00	0.00	<0.005	-	-	
			PED53345	401.00	402.00	1.00	0.00	<0.005	-	-	
			PED53346	402.00	403.00	1.00	0.00	<0.005	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
			PED53347	403.00	404.00	1.00	0.00	<0.005	-	-	
			PED53348	404.00	405.00	1.00	0.00	<0.005	-	-	
			PED53349	405.00	406.00	1.00	0.00	<0.005	-	-	
			PED53350	406.00	407.00	1.00	0.00	<0.005	-	-	
			PED53351	407.00	408.00	1.00	0.00	<0.005	-	-	
			PED53352	408.00	409.00	1.00	0.00	<0.005	-	-	
			PED53353	409.00	410.00	1.00	0.00	<0.005	-	-	
			PED53354	410.00	411.00	1.00	0.00	<0.005	-	-	
			PED53355	411.00	412.00	1.00	0.00	<0.005	-	-	
			PED53356	412.00	413.00	1.00	0.00	<0.005	-	-	
			PED53357	413.00	414.00	1.00	0.00	<0.005	-	-	
			PED53358	414.00	415.00	1.00	0.00	<0.005	-	-	
			PED53359	415.00	416.00	1.00	0.00	<0.005	-	-	
			PED53361	416.00	417.00	1.00	0.00	<0.005	-	-	
			PED53362	417.00	418.00	1.00	0.00	<0.005	-	-	
			PED53363	418.00	419.00	1.00	0.00	<0.005	-	-	
			PED53365	419.00	420.00	1.00	0.00	<0.005	-	-	
			PED53366	420.00	421.00	1.00	0.00	<0.005	-	-	
			PED53367	421.00	422.00	1.00	0.00	<0.005	-	-	
			PED53369	422.00	423.00	1.00	0.00	<0.005	-	-	
			PED53370	423.00	424.00	1.00	0.00	<0.005	-	-	
			PED53371	424.00	425.00	1.00	0.00	<0.005	-	-	
			PED53372	425.00	425.30	0.30	0.00	<0.005	-	-	
			PED53373	425.30	426.00	0.70	0.00	<0.005	-	-	
			PED53374	426.00	427.00	1.00	0.00	<0.005	-	-	
			PED53375	427.00	428.00	1.00	0.00	<0.005	-	-	
			PED53376	428.00	429.00	1.00	0.01	0.006	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			PED53377	429.00	430.00	1.00	0.00	<0.005	-	-	
			PED53379	430.00	431.00	1.00	0.00	<0.005	-	-	
			PED53380	431.00	432.00	1.00	0.01	0.010	-	-	
			PED53381	432.00	433.00	1.00	0.00	<0.005	-	-	
			PED53382	433.00	434.00	1.00	0.00	<0.005	-	-	
			PED53384	434.00	435.00	1.00	0.00	<0.005	-	-	
			PED53385	435.00	436.00	1.00	0.03	0.030	-	-	
			PED53386	436.00	437.00	1.00	0.01	0.009	-	-	
			PED53387	437.00	438.00	1.00	0.01	0.011	-	-	
438.00	442.66	Feature 1	PED53388	438.00	438.90	0.90	0.25	0.250	-	-	
		Type	PED53389	438.90	439.70	0.80	0.62	0.624	-	-	
		Dyke	PED53391	439.70	440.30	0.60	1.16	1.160	-	-	
		%	PED53392	440.30	441.00	0.70	4.25	4.250	-	-	
		Thickness	PED53393	441.00	441.30	0.30	1.74	1.740	-	-	
		Colour	PED53394	441.30	441.90	0.60	3.75	3.750	-	-	
		Vein	PED53395	441.90	442.66	0.76	0.97	0.971	-	-	
		BRX Undefined_Breccia_zone									
		QLF: ALT BAN BRX									
		Mixed Zone (Breccia Zone_Veined and Mineralized): Fine-grained with mottled greenish-brown colour with mixed lithologies of Komatiitic Basalt, High-Ti Basalt and Interflow Metasediments (interflow metasediments occur as fine-grained laminations on mm to cm scale which are planar @ 75-80 tca to highly contorted/folded/fragmented and crosscut by qtz-carb-act extension str/vnlts (V2_EX) @ 5 to 20 tca), local chaotic rubbly breccia texture with no distinct bx fabric developed, strong silica-bio-chl-carb-act alteration occur as alternating bands of mottled greenish-white and dark brown bands and minor local bands of fuchsite (typically 1 to 3 cm wide), minor fractures @ 70-80 tca parallel to the banding (1-2/m), 4-5% veining occurs as thin (1 to 5 cm wide) whitish-green sil'd qtz-carb-act str/vnlts/threads which are planar to boudinaged @ 5 to 15 tca crosscutting the strongly developed banding orientated @ 75-80 tca, strong breccia vein (V2_BX) from 441.13 to 441.30 m @ 70 tca containing angular Basalt fragments, mineralization consist of 2-3% fine-gr dissemin po-py throughout (predominately within the bio rich bands), lower contact with High-Ti Basalt faulted @ 70 tca.									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 BAN									
		SIL 3 PRV									
		BIO 3 BAN									
		Structure:									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
438.00 - 438.90	Alpha: 80	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	BAN	70 80									
439.00 - 441.00	Alpha: 10	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	BAN 3	70 80									
	V2_E 3	5 15									
441.13 - 441.30	Alpha: 70	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	V2_BX 3										
441.30 - 441.90	Alpha: 25	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	BAN 3	70 80									
	V2_E 3	25 30									
442.65 - 442.66	Alpha: 70	Beta: 0									
	Type/GEN/Intensity	CA1: CA2:									
	CT 3										
Mineralization Maj. :		Type/GSZ%/HABIT			Comment						
438.00 - 442.66		PY GS1 1 DIS			Mixed Zone (Breccia Zone_Veined and Mineralized):mineralization consist of 2-3% fine-gr dissemin po-py throughout (predominately within the bio rich bands).						
438.00 - 442.66		PO GS1 2 DIS			Mixed Zone (Breccia Zone_Veined and Mineralized):mineralization consist of 2-3% fine-gr dissemin po-py throughout (predominately within the bio rich bands).						
Feature 2:											
	Type	Dyke	%	Thickness	Colour	Vein					
E1H	High_titanium_basalt	<input type="checkbox"/>	40	0	BNM	S					
QLF: ALT BAN BRX											
Alteration :		Type/Intensity/Texture									
		CU 2 BAN									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV BIO 3 BAN									
442.66	449.00	Feature 1	PED53396	442.66	443.20	0.54	1.39	1.390	-	-	
		Type	PED53397	443.20	444.00	0.80	9.03	>10.00	9.03	-	
		Dyke % Thickness Colour Vein	PED53398	444.00	444.50	0.50	34.33	>10.00	34.33	-	
		E1H High_titanium_basalt □ 60 0 BND X	PED53399	444.50	445.00	0.50	18.05	>10.00	18.05	-	
		QLF: ALT VND MIN	PED42151	445.00	445.50	0.50	11.75	>10.00	11.75	-	
		High-Ti Basalt (Veined and Mineralized): Fine-grained, dark brown colour, massive textured, strong pervassive silica-bio-chl-act alteration, weak fracturing @ 70 tca (<1/m), 30-40% planar to fragmented/boudinaged extensional qtz-carb-act vnlt/strs (V2_EX) @ 10 to 20 tca, and local narrow (16 cm) breccia veining (V2_BX) @ 50-55 tca, 1-2% fine-gr dissemin po-py (locally concentrated in veining boudin necks and fractures and up to 4-5% as local blebs/strs within the Basalt and fragments within the veining), 3 specks of VG @ 444.98 m within a fragmented/boudinaged extension str @ 55 tca, weakly magnetitic throughout, gradational lower contact into High-Ti Basalt with reduced veining and mineralization (minor extensional str/threads @ 10 tca).	PED42152	445.50	446.30	0.80	8.82	8.820	-	-	
		Visible Gold :	PED42153	446.30	447.00	0.70	32.91	>10.00	32.91	-	
		SampleID/Grainsize/Style	PED42155	447.00	447.40	0.40	71.45	>10.00	71.45	-	
		PED53399 1-2mm Speck	PED42157	447.40	448.00	0.60	8.21	8.210	-	-	
		Alteration :	PED42158	448.00	448.50	0.50	1.30	1.300	-	-	
		Type/Intensity/Texture	PED42159	448.50	449.00	0.50	2.62	2.620	-	-	
		AC 2 VND									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		442.66 - 449.00 Alpha: 15 Beta: 0									
		Type/GEN/Intensity									
		V2_BX 3 CA1: 50 CA2: 55									
		V2_E 3 10 20									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		442.66 - PY GS1 2 DIS Comment									
		High-Ti Basalt (Veined and Mineralized): 1-									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	449.00	2% fine-gr disseminated po-py (locally concentrated in veining boudin necks and fractures and up to 4-5% as local blebs/strs within the Basalt and fragments within the veining)									
	442.66 - 449.00	PO GS1 3 DIS High-Ti Basalt (Veined and Mineralized): 1-2% fine-gr disseminated po-py (locally concentrated in veining boudin necks and fractures and up to 4-5% as local blebs/strs within the Basalt and fragments within the veining)									
Feature 2:											
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	40	0	WHT	X				
		QLF: ALT VND MIN									
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		BIO 3 PRV									
		AC 2 VND									
		SIL 3 PRV									
449.00	461.26	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E1H High_titanium_basalt	<input type="checkbox"/>	98	0	BNM	S				
		QLF: ALT MAS GS1									
		High-Ti Basalt: Fine-grained, brownish-green colour, moderate to strong bio-silica-chl-garnet alteration (local garnets present <1% as 1-2 mm scattered grains), massive textured with 1-2% planar to fragmented Qtz-carb-chl strs/threads @ 10 to 20 tca and threads @ 70 tca, trace to <1% fine-grained disseminated po-py, weak fracturing @ 40-55 tca (1/m), sharp lower contact with Komatiitic Basalt @ 70 tca .									
		Alteration :									
		<i>Type/Intensity/Texture</i>									
		GRN 1 SPT									
								0.58	0.582	-	-
								0.18	0.176	-	-
								0.90	0.897	-	-
								2.24	2.240	-	-
								0.19	0.189	-	-
								0.66	0.655	-	-
								0.24	0.244	-	-
								1.24	1.240	-	-
								0.16	0.163	-	-



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		SIL 3 PRV	PED42170	456.50	457.50	1.00	0.02	0.017	-	-	
		BIO 3 PRV	PED42171	457.50	458.00	0.50	0.44	0.444	-	-	
		Structure:	PED42172	458.00	459.00	1.00	0.48	0.482	-	-	
		461.25 - 461.26 Alpha: 70 Beta: 0	PED42173	459.00	460.00	1.00	0.44	0.439	-	-	
		Type/GEN/Intensity CA1: CA2:	PED42174	460.00	460.70	0.70	0.30	0.301	-	-	
		CS	PED42175	460.70	461.26	0.56	0.18	0.183	-	-	
461.26	468.25	Feature 1	PED42176	461.26	462.00	0.74	0.01	0.013	-	-	
		Type	PED42177	462.00	463.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt <input type="checkbox"/> 98 0 GNL C	PED42178	463.00	464.00	1.00	0.01	0.008	-	-	
		QLF: ALT MAS VND	PED42180	464.00	465.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt: Fine to med-grained, light green colour , massive textured, weak fracturing @ 20-30 tca (<1/m) and 50-60 tca (1-2/m), strong pervasive chl and moderate patchy silica-carb alteration minor local bio patches, no visible mineralization, weak veining (1-2%) consisting of planar to fragmented/ irregular qtz-carb strrs @ 15 to 50 tca, lower contact with High-Ti Basalt faulted @ 50 tca.	PED42181	465.00	466.00	1.00	0.00	<0.005	-	-	
			PED42182	466.00	467.00	1.00	0.00	<0.005	-	-	
			PED42183	467.00	467.60	0.60	0.00	<0.005	-	-	
			PED42184	467.60	468.25	0.65	0.01	0.014	-	-	
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 PCH									
		SIL 2 PRV									
		CHL 3 PRV									
		Structure:									
		468.24 - 468.25 Alpha: 50 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CT									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein <input type="checkbox"/> 2 0 WHT C									
		QLF: ALT MAS VND									



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468.25	469.47	Feature 1	PED42185	468.25	469.10	0.85	0.05	0.049	-	-	
		Type	PED42186	469.10	469.50	0.40	0.37	0.367	-	-	
		E1H High_titanium_basalt									
		Dyke <input type="checkbox"/>									
		% 95									
		Thickness 0									
		Colour BNM									
		Vein F									
		QLF: ALT MAS VND									
		High-Ti Basalt: (Faulted block of High-Ti Basalt within Komatiite): Fine-grained, brownish-green colour, moderate to strong bio-silica-chl-garnet alteration (trace garnets present <1% as 1-2 mm scattered grains), massive textured with 1-2% planar qtz-carb-act strs/threads @ 25-30 tca, lower contact has a 5 cm wide breccia vein (V2_BX) @ 80 and 55 tca , trace to 1% fine-grained dissem/blebs po-py, weak fracturing @ 65 tca (<1/m), both contacts have faulting/veining along contact @ 50 and 55 tca.									
		Alteration :									
		Type/Intensity/Texture									
		GRN 0 SPT									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		469.46 - 469.47 Alpha: 55 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		CV									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	5	0	WHT	F				
		QLF: ALT MAS VND									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
469.47	473.25	Feature 1	PED42188	469.50	470.00	0.50	0.56	0.556	-	-										
		Type	PED42189	470.00	471.00	1.00	0.13	0.127	-	-										
		E0B Komatiitic_basalt	PED42190	471.00	472.00	1.00	0.00	<0.005	-	-										
		QLF: ALT MAS VND	PED42192	472.00	473.25	1.25	0.00	<0.005	-	-										
		<p>Komatiitic Basalt: As above, fine to med-grained, light green colour , massive textured, weak fracturing @ 25 tca (<1/m) and 45-55 tca (1-2/m), strong pervassive chl and moderate patchy silica alteration, minor local bio patches, no visible mineralization, weak veining (1-2%) consisting of planar to fragmented/ irregular qtz-carb str @ 50-55 tca, lower contact with Gabbro Dyke sharp @ 35 tca (Komatiite becomes weakly foliated proximal to lower Gabbro Dyke contact @ 25-30 tca).</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td style="padding-left: 20px;">Type/Intensity/Texture</td> </tr> <tr> <td style="padding-left: 40px;">BIO 1 SPT</td> </tr> <tr> <td style="padding-left: 40px;">SIL 2 PCH</td> </tr> <tr> <td style="padding-left: 40px;">CHL 3 PRV</td> </tr> </table> <p>Structure:</p> <p>473.24 - 473.25 Alpha: 35 Beta: 0</p> <table style="margin-left: 20px;"> <tr> <td style="padding-left: 20px;">Type/GEN/Intensity</td> <td style="padding-left: 20px;">CA1:</td> <td style="padding-left: 20px;">CA2:</td> </tr> <tr> <td style="padding-left: 40px;">CD</td> <td></td> <td></td> </tr> </table>	Type/Intensity/Texture	BIO 1 SPT	SIL 2 PCH	CHL 3 PRV	Type/GEN/Intensity	CA1:	CA2:	CD										
Type/Intensity/Texture																				
BIO 1 SPT																				
SIL 2 PCH																				
CHL 3 PRV																				
Type/GEN/Intensity	CA1:	CA2:																		
CD																				
		Feature 2:																		
		Type																		
		V3 Quartz_carbonate vein																		
		QLF: ALT MAS VND																		
473.25	474.57	Feature 1	PED42193	473.25	474.57	1.32	0.00	<0.005	-	-										
		Type																		
		I1A Gabbro																		



LITHOLOGY REPORT

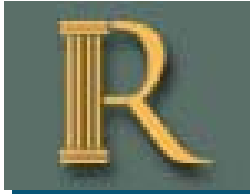
- Detailed -

Hole Number **610L-17-19**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		<p>QLF: GS2 MAS FRA</p> <p>Gabbroic Dyke: Med-grained, dark brown-black, weak patchy bio-chl alteration, massive textured with micro-fracturing infilled with calcite threads @ 20 to 30 tca, no significant mineralization, weak fracturing @ 20 to 40 tca (1-2/m), sharp chilled contacts @ 35 & 40 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">AMP</p> <p style="margin-left: 20px;">SIL</p> <p style="margin-left: 20px;">BIO</p>																				
474.57	477.00	Feature 1																				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM		PED42194	474.57	475.00	0.43	0.01	0.010	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																		
							PED42195	475.00	476.00	1.00	0.01	0.010	-	-								
							PED42196	476.00	477.00	1.00	0.03	0.026	-	-								
		<p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: As above, fine to med-grained, light green colour , massive textured, weak fracturing @ 50 tca (1/m) and 75 tca (1-2/m), strong pervassive chl and moderate patchy silica alteration, minor local bio patches/bands, no visible mineralization, weak veining (1-2%) consisting of planar to fragmented/ irregular qtz-carb strrs @ 50-55 tca, local broken core, EOH.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 20px;">BIO 1 SPT</p> <p style="margin-left: 20px;">SIL 2 PCH</p> <p style="margin-left: 20px;">CHL 3 PRV</p>																				



DRILL HOLE REPORT

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 100.53	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: 13.13	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 475	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 19-Sep-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 26-Sep-17				Surveyed: yes
Logged: 01-Oct-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10041.216	East: 448147.84
			North: 49930.463	North: 5663884.53
			Elev.: 4763.32	Elev.: -236.68
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	100.53	13.13	C	<input type="checkbox"/>	
0.00	100.53	13.13	C	<input checked="" type="checkbox"/>	
10.00	100.65	12.02	Gyro	<input checked="" type="checkbox"/>	
15.00	103.10	11.60	DeviSh ot	<input type="checkbox"/>	
20.00	100.69	11.90	Gyro	<input checked="" type="checkbox"/>	
30.00	100.75	11.74	Gyro	<input checked="" type="checkbox"/>	
40.00	100.73	11.60	Gyro	<input checked="" type="checkbox"/>	
50.00	100.76	11.53	Gyro	<input checked="" type="checkbox"/>	
51.00	99.40	11.20	DeviSh ot	<input type="checkbox"/>	Suspect
60.00	100.77	11.53	Gyro	<input checked="" type="checkbox"/>	
70.00	100.82	11.46	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.00	100.79	11.34	Gyro	<input checked="" type="checkbox"/>	
90.00	100.78	11.27	Gyro	<input checked="" type="checkbox"/>	
100.00	100.82	11.27	Gyro	<input checked="" type="checkbox"/>	
102.00	98.64	10.86	DeviSh ot	<input type="checkbox"/>	Suspect
110.00	100.75	11.17	Gyro	<input checked="" type="checkbox"/>	
120.00	100.89	11.05	Gyro	<input checked="" type="checkbox"/>	
130.00	100.92	10.94	Gyro	<input checked="" type="checkbox"/>	
140.00	100.99	10.86	Gyro	<input checked="" type="checkbox"/>	
150.00	98.90	10.50	DeviSh ot	<input type="checkbox"/>	Suspect
150.00	101.03	10.97	Gyro	<input checked="" type="checkbox"/>	
160.00	100.97	10.98	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-20

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
170.00	101.03	10.94	Gyro	<input checked="" type="checkbox"/>	
180.00	101.19	10.92	Gyro	<input checked="" type="checkbox"/>	
190.00	101.20	10.94	Gyro	<input checked="" type="checkbox"/>	
200.00	101.26	10.89	Gyro	<input checked="" type="checkbox"/>	
201.00	100.72	10.61	DeviSh ot	<input type="checkbox"/>	
210.00	101.26	10.85	Gyro	<input checked="" type="checkbox"/>	
220.00	101.28	10.80	Gyro	<input checked="" type="checkbox"/>	
230.00	101.25	10.75	Gyro	<input checked="" type="checkbox"/>	
240.00	101.27	10.69	Gyro	<input checked="" type="checkbox"/>	
250.00	101.32	10.58	Gyro	<input checked="" type="checkbox"/>	
250.00	101.86	10.02	DeviSh ot	<input type="checkbox"/>	
260.00	101.45	10.42	Gyro	<input checked="" type="checkbox"/>	
270.00	101.54	10.46	Gyro	<input checked="" type="checkbox"/>	
280.00	101.53	10.41	Gyro	<input checked="" type="checkbox"/>	
290.00	101.58	10.33	Gyro	<input checked="" type="checkbox"/>	
297.00	102.26	9.96	DeviSh ot	<input type="checkbox"/>	
300.00	101.71	10.26	Gyro	<input checked="" type="checkbox"/>	
310.00	101.85	10.27	Gyro	<input checked="" type="checkbox"/>	
320.00	101.94	10.20	Gyro	<input checked="" type="checkbox"/>	
330.00	102.07	10.18	Gyro	<input checked="" type="checkbox"/>	
340.00	102.16	10.16	Gyro	<input checked="" type="checkbox"/>	
350.00	102.28	10.14	Gyro	<input checked="" type="checkbox"/>	
360.00	102.35	10.13	Gyro	<input checked="" type="checkbox"/>	
370.00	102.40	10.15	Gyro	<input checked="" type="checkbox"/>	
380.00	102.45	10.17	Gyro	<input checked="" type="checkbox"/>	
390.00	102.48	10.25	Gyro	<input checked="" type="checkbox"/>	
399.00	102.90	9.90	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
450.00	104.59	9.71	DeviSh ot	<input checked="" type="checkbox"/>	
475.00	104.40	9.55	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)							
0.00	2.00	Feature 1																
		<p style="margin-left: 20px;">Type</p> <p>E0T Talc_rich_unit <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: SHD PLA VND</p> <p>Sheared Talc; Dark Blue/Grey; Aphanitic-VFG; strong shearing @ 50 TCA w/ 20% mm-cm scale qtz carb veinlets // to shearing; poor ground conditions; LCT with Lamp dyke @</p> <p>Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL 1</p> <p style="margin-left: 40px;">CB 2 VND</p> <p>Structure:</p> <p>0.00 - 2.00 Alpha: 50 Beta: 0</p> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="text-align: left;">Type/GEN/Intensity</td> <td style="text-align: left;">CA1:</td> <td style="text-align: left;">CA2:</td> </tr> <tr> <td>V3 2</td> <td>50</td> <td>60</td> </tr> <tr> <td>SHD 2</td> <td>50</td> <td>60</td> </tr> </table>	Type/GEN/Intensity	CA1:	CA2:	V3 2	50	60	SHD 2	50	60							
Type/GEN/Intensity	CA1:	CA2:																
V3 2	50	60																
SHD 2	50	60																
2.00	4.55	Feature 1																
		<p style="margin-left: 20px;">Type</p> <p>I0E Lamprophyre <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: GS1 FOL</p> <p>Lamp Dyke; Black; Aphanitic; Biotite-rich; VFG; 2% hairline carb veins predominantly // to mod Fol @ 55 TCA; 3-5% VFG Po dism throughout; LCT @ 55 TCA</p> <p>Alteration :</p> <p style="margin-left: 40px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 1 VND</p> <p style="margin-left: 40px;">BIO 3 PRV</p>																



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Mineralization Maj. : Type/GSZ%/HABIT									
		2.00 - 4.55 PO GS1 4 DIS									
		Comment									
		Blebs of dism Po in Lamp Dyke									
4.55	31.85	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0						
		QLF: SHD PLA VND									
		Sheared Talc; Dark Blue/Grey; Aphanitic-VFG; strong shearing @ 50 TCA w/ 20% mm-cm scale qtz carb veinlets // to shearing; poor ground conditions; LCT defined by 3 cm fault gouge @ 60 TCA									
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 VND									
		CB 2 VND									
		TLC 2 PRV									
		Structure:									
		4.55 - 31.85	Alpha: 50	Beta: 0							
			Type/GEN/Intensity	CA1:	CA2:						
			V3 2	50	60						
			SHD 2	50	60						
31.85	93.20	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0						
		QLF: FLT FTB FOL									
		Talc-altered Ultramafic; Mod-Strong Flow Top Breccia throughout; curvilinear fractures present throughout predominantly @ 55 TCA + multiple irregular orientations; trace-wk carb alteration lining fractures; barren									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration :	Type/Intensity/Texture								
			TLC 2 PRV								
93.20	150.00	Feature 1	PED69918	133.40	134.40	1.00	0.00	<0.005	-	-	
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	☐	0	0						
		QLF:	Basaltic Komatiite; Dark Blue/Grey; Aphanitic-VFG; weak flow top brx texture dissipating with depth; wk foliation @ 55 TCA becoming massive downhole; trace qtz crb veinlets associate with FTB texture at irregular orientations; strong fault zone w/ strong gouge/ground core from 145.5-LCT @ 150 M								
		Alteration :	Type/Intensity/Texture								
			AMP SIL BIO								
		Structure:									
		145.50 - 150.00	Alpha: 55	Beta: 0							
			Type/GEN/Intensity	CA1:	CA2:						
			FLT 4	50	60						
150.00	155.00	Feature 1	I0E	Lamprophyre	☐	0	0				
		QLF:	GS1 FRA FOL								
			Lamp Dyke; Black; aphanitic-VFG; strong biotite throughout; fractures predominantly @ 45 TCA + multiple discordant orientations; 1-2% calcite veinlets @ multiple discordant orientations; barren; LCT @ 50 TCA								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)		
		Alteration :		Type/Intensity/Texture									
				AMP									
				CB 1 VND									
				BIO 3 PRV									
155.00	160.55	Feature 1											
		Type		Dyke		%		Thickness		Colour		Vein	
		E0T <i>Talc_rich_unit</i>		<input type="checkbox"/>		0		0					
		QLF: SHD FLT FRA		Sheared Talc-Altered Ultramafic; Dark Blue/Grey; aphanitic; strong shearing becoming faulted @ 45 TCA; weak carb alteration // to fractures; barren; LCT @ TCA									
		Alteration :		Type/Intensity/Texture									
				CB 1 VND									
				TLC 2 PRV									
		Structure:											
		155.00 - 158.00		Alpha: 45		Beta: 0							
				Type/GEN/Intensity		CA1:		CA2:					
				SHD 3		40		50					
				FLT 2		40		50					
160.55	161.45	Feature 1											
		Type		Dyke		%		Thickness		Colour		Vein	
		I0E <i>Lamprophyre</i>		<input type="checkbox"/>		0		0					



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																															
		<p>QLF: SHD DEF PLA</p> <p>Lamp Dyke; Black-Dark Grey; Strong Biotite alteration assoc w faulted contacts; Mod carb infilling along faulted contacts @ 40 TCA; LCT @ 40 TCA</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CB</td> <td>1 VND</td> </tr> <tr> <td>BIO</td> <td>3 BAN</td> </tr> </table>	Type/Intensity/Texture		CB	1 VND	BIO	3 BAN																																		
Type/Intensity/Texture																																										
CB	1 VND																																									
BIO	3 BAN																																									
161.45	179.50	<p>Feature 1</p> <table style="margin-left: 20px;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: SHD</p> <p>Talc-Altered Ultramafic; Strong Fol becoming sheared downhole from 173.1-179.5 @ 25 TCA; minor qtz carb infilling // to shearing; barren; LCT @ 25 TCA</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>AMP</td> <td></td> </tr> <tr> <td>SIL</td> <td></td> </tr> <tr> <td>BIO</td> <td></td> </tr> </table> <p>Structure:</p> <table style="margin-left: 20px;"> <tr> <td>173.10 - 179.50</td> <td>Alpha: 25</td> <td>Beta: 0</td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1: CA2:</td> </tr> <tr> <td></td> <td>V3 1</td> <td>25 30</td> </tr> <tr> <td></td> <td>SHD 2</td> <td>25 30</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0			Type/Intensity/Texture		AMP		SIL		BIO		173.10 - 179.50	Alpha: 25	Beta: 0		Type/GEN/Intensity	CA1: CA2:		V3 1	25 30		SHD 2	25 30								
Type	Dyke	%	Thickness	Colour	Vein																																					
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0																																							
Type/Intensity/Texture																																										
AMP																																										
SIL																																										
BIO																																										
173.10 - 179.50	Alpha: 25	Beta: 0																																								
	Type/GEN/Intensity	CA1: CA2:																																								
	V3 1	25 30																																								
	SHD 2	25 30																																								
179.50	180.40	<p>Feature 1</p>																																								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		I0E Lamprophyre	☐	0	0										
		QLF: GS1 MAS													
		Lamp Dyke; Black; Aphanitic-VFG; strong biotite content; massive; trace carb infilling; LCT @ 75 TCA													
		Alteration : Type/Intensity/Texture													
		BIO 3 PRV													
180.40	188.50	Feature 1													
		Type	Dyke	%	Thickness	Colour	Vein								
		E0T Talc_rich_unit	☐	0	0										
		QLF: FTB FOL GS1													
		Talc-Altered Ultramafic; Dark Blue/Green-Grey; VFG; Strong Flow Top Breccia Texture; mod carb infilling of brx groundmass; mod-strong fol @ 50-55 TCA; LCT @ 40 TCA													
		Alteration : Type/Intensity/Texture													
		CB 1 VND													
		TLC 2 PRV													
		Structure:													
		180.40 - 188.50 Alpha: 50 Beta: 0													
		Type/GEN/Intensity CA1: CA2:													
		SHD 2 50 50													
188.50	192.45	Feature 1													
		Type	Dyke	%	Thickness	Colour	Vein								



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)												
		I0E Lamprophyre <input type="checkbox"/> 0 0 QLF: GS1 BRX ALT Lamp Dyke; Black; VFG: strong biotite content; moderate brx texture weakly imbricated @ 30 TCA throughout with moderate calcite infilling; barren; LCT @ 20 TCA Alteration : Type/Intensity/Texture CB 2 VND BIO 3 PRV																				
192.45	196.30	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS1 FOL Ultramafic; Dark Blue-Grey; wk-mod talc alteration; VFG; foliated @ 35 TCA; 2% calcite veining // to fol; barren; LCT @ 40 TCA Alteration : Type/Intensity/Texture CB 2 VND TLC 1 PRV	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0T Talc_rich_unit	<input type="checkbox"/>	0	0										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																	
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																			
196.30	199.10	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: GS1 MAS Lamp Dyke; Black/Dark-Grey; VFG; Massive; trace carb veining predominantly @ 30 TCA; barren; LCT @ 65	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I0E Lamprophyre	<input type="checkbox"/>	0	0										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																	
I0E Lamprophyre	<input type="checkbox"/>	0	0																			



LITHOLOGY REPORT

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Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		TCA									
		Alteration :		Type/Intensity/Texture							
				CB 1 VND							
				BIO 2 PRV							
199.10	303.75	Feature 1	PED69926	302.00	302.80	0.80	0.00	<0.005	-	-	-
			PED69927	302.80	303.75	0.95	0.03	0.034	-	-	-
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	□	0	0						
		QLF: FTB FOL GS1									
		Talc-Altered Ultramafic; Dark Blue/Green-Grey; VFG; Strong Flow Top Breccia Texture; mod carb infilling of brx groundmass; mod-strong fol @ 20-40 TCA; LCT @ XX TCA									
		Alteration :		Type/Intensity/Texture							
				CB 1 VND							
				TLC 3 PRV							
		Structure:									
	234.50 - 237.80	Alpha: 40	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		FLT 3	40	40							
	252.75 - 270.80	Alpha: 30	Beta: 0								
		Type/GEN/Intensity	CA1:	CA2:							
		FLT 2	5	45							



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Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)											
303.75	308.05	Feature 1	PED69928	303.75	304.75	1.00	0.00	<0.005	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0			PED69929	304.75	305.50	0.75	0.01	0.012	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																			
		QLF: SPN MAS GS2	PED69931	305.50	305.80	0.30	0.01	0.011	-	-												
		Altered-Komatiitic Basalt; (could be Gabbro?) Dark Green; Strong Spinifex texture of massive 3-6 mm olivine crystals in light grey groundmass; LCT @ 70 TCA	PED69932	305.80	306.25	0.45	0.01	0.008	-	-												
			PED69933	306.25	307.05	0.80	0.22	0.224	-	-												
			PED69934	307.05	308.05	1.00	0.15	0.149	-	-												
		Alteration :																				
		Type/Intensity/Texture																				
		AMP																				
		SIL																				
308.05	309.10	Feature 1	PED69935	308.05	309.10	1.05	1.21	1.210	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0										
Type	Dyke	%	Thickness	Colour	Vein																	
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																			
		QLF: GS0																				
		Felsic Dyke; light-grey; aphanitic; very wk VFG bio alteration; wk foliation @ 35 TCA; LCT broken up																				
		Alteration :																				
		Type/Intensity/Texture																				
		AMP																				
		SIL																				
		BIO																				



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
309.10	313.25	Feature 1	PED69937	309.10	310.10	1.00	0.05	0.047	-	-
		Type	PED69938	310.10	311.10	1.00	0.01	0.012	-	-
		E0B Komatiitic_basalt	PED69939	311.10	312.15	1.05	0.00	<0.005	-	-
		QLF: XEN GS1 FOL	PED69940	312.15	313.25	1.10	0.16	0.157	-	-
		Basaltic Komatiite; Med-Dark Green; Aphanitic-VFG; weak talc alteration; core broken up from drilling; mod fol @ 45 TCA; LCT @ 70 TCA								
		Alteration :								
		Type/Intensity/Texture								
		TLC 1 PRV								
313.25	330.10	Feature 1	PED69941	313.25	313.75	0.50	1.16	1.160	-	-
		Type	PED69942	313.75	314.50	0.75	0.71	0.708	-	-
		I3 Felsic_intrusive	PED69943	314.50	315.00	0.50	0.56	0.557	-	-
		QLF: GS1 ALT DEF	PED69944	315.00	315.65	0.65	0.59	0.588	-	-
		Felsic Dyke; lt-med grey; pinkish brown; aphanitic-FG; mod-strong Bio alteration throughout assoc w/ pinkish brown colour; lt grey silicification/shearing from 316.5-318.7m; E0B Fragment/Xenolith from 323.2-323.5m; 2% mm-2cm scale smoke qtz veinlets at multiple orientations; fractures and slips @ multipl orientations; LCT @ 60 TCA	PED69946	315.65	316.50	0.85	1.00	0.999	-	-
			PED69947	316.50	317.05	0.55	1.32	1.320	-	-
			PED69948	317.05	318.00	0.95	0.90	0.895	-	-
			PED69949	318.00	318.70	0.70	0.50	0.500	-	-
		Alteration :	PED69950	318.70	319.65	0.95	0.54	0.535	-	-
		Type/Intensity/Texture	D0001501	319.65	320.30	0.65	0.01	0.005	-	-
		SIL 1 VND	D0001502	320.30	320.90	0.60	0.30	0.302	-	-
		BIO 2 PRV	D0001503	320.90	321.40	0.50	0.20	0.203	-	-
		Structure:	D0001504	321.40	322.05	0.65	0.21	0.213	-	-
		313.25 - 330.10 Alpha: 65 Beta: 0	D0001505	322.05	322.70	0.65	0.80	0.798	-	-
		Type/GEN/Intensity	D0001506	322.70	323.20	0.50	0.22	0.215	-	-
		SHD 2 CA1: 60 CA2: 70	D0001507	323.20	324.20	1.00	1.56	1.560	-	-



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
			D0001509	324.20	324.80	0.60	0.42	0.416	-	-	
			D0001510	324.80	325.80	1.00	1.10	1.100	-	-	
			D0001511	325.80	326.80	1.00	0.61	0.606	-	-	
			D0001512	326.80	327.70	0.90	0.59	0.593	-	-	
			D0001513	327.70	328.55	0.85	0.90	0.900	-	-	
			D0001514	328.55	329.20	0.65	0.87	0.874	-	-	
			D0001515	329.20	330.10	0.90	0.53	0.534	-	-	
330.10	331.45	Feature 1	D0001517	330.10	331.45	1.35	0.09	0.085	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: XEN GS1 FOL</p> <p>Basaltic Komatiite; Med-Dark Green; possible xenolith; Aphanitic-VFG; weak talc alteration; core locally rubled; mod fol @ 45 TCA; LCT @ 70 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 1 PRV</p>	<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">□ 0 0</p>								
331.45	337.70	Feature 1	D0001518	331.45	332.00	0.55	0.75	0.751	-	-	
			D0001519	332.00	333.00	1.00	0.68	0.682	-	-	
			D0001520	333.00	334.00	1.00	1.80	1.800	-	-	
			D0001521	334.00	335.00	1.00	0.69	0.688	-	-	
			D0001523	335.00	336.00	1.00	0.74	0.738	-	-	
			D0001524	336.00	337.00	1.00	0.69	0.688	-	-	
			D0001525	337.00	337.70	0.70	0.45	0.452	-	-	
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: GS1 ALT DEF</p> <p>Felsic Dyke; lt-med grey; pinkish brown; aphanitic-FG; mod-strong Bio alteration throughout assoc w/ pinkish brown colour; 2% mm-2cm scale smoke qtz veinlets at multiple orientations; fractures and slips @ multipl orientations; LCT @ 70 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>SIL 1 VND</p>	<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">□ 0 0</p>								



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Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO 2 PRV									
337.70	339.25	Feature 1	D0001526	337.70	338.50	0.80	0.01	0.013	-	-	
		Type	D0001527	338.50	339.25	0.75	0.02	0.023	-	-	
		E0B Komatiitic_basalt									
		QLF: XEN GS1 FOL									
		Basaltic Komatiite; Med-Dark Green; possible xenolith; Aphanitic-VFG; weak talc alteration; core locally rubled; mod fol @ 45 TCA; LCT @ 55 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 1 PRV									
339.25	358.30	Feature 1	D0001528	339.25	340.25	1.00	0.55	0.553	-	-	
		Type	D0001529	340.25	341.00	0.75	0.72	0.720	-	-	
		I3 Felsic_intrusive	D0001530	341.00	341.80	0.80	0.31	0.310	-	-	
		QLF: GS1 ALT DEF	D0001531	341.80	342.45	0.65	0.52	0.523	-	-	
		Felsic Dyke; lt-med grey; pinkish brown; aphanitic-FG; mod-strong Bio alteration throughout assoc w/ pinkish brown colour; lt grey silicification/shearing from 343.5-344.7 m; 2% mm-2cm scale smokey qtz veinlets at multiple orientations; fractures and slips @ multiple orientations; LCT @ 70 TCA	D0001532	342.45	343.20	0.75	0.77	0.774	-	-	
			D0001533	343.20	343.50	0.30	0.56	0.564	-	-	
			D0001535	343.50	344.15	0.65	0.74	0.737	-	-	
			D0001536	344.15	344.70	0.55	0.70	0.702	-	-	
			D0001537	344.70	345.35	0.65	0.48	0.480	-	-	
			D0001538	345.35	346.05	0.70	0.43	0.427	-	-	
			D0001540	346.05	346.85	0.80	0.50	0.499	-	-	
			D0001541	346.85	347.60	0.75	0.64	0.637	-	-	
		Alteration :									
		Type/Intensity/Texture									
		SIL 1 VND									
		BIO 2 PRV									
		Structure:									
		343.50 - 344.70 Alpha: 60 Beta: 0									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au				
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
		Type/GEN/Intensity SHD 2					0.52	0.517	-	-	
		CA1: CA2: 55 65	D0001542	347.60	348.50	0.90	0.56	0.561	-	-	
			D0001543	348.50	349.50	1.00	0.96	0.958	-	-	
			D0001545	349.50	350.05	0.55	0.62	0.617	-	-	
			D0001546	350.05	351.00	0.95	2.75	2.750	-	-	
			D0001547	351.00	351.75	0.75	0.65	0.651	-	-	
			D0001548	351.75	352.55	0.80	1.18	1.180	-	-	
			D0001549	352.55	353.40	0.85	1.01	1.010	-	-	
			D0001550	353.40	354.25	0.85	0.88	0.875	-	-	
			D0001551	354.25	355.40	1.15	0.93	0.933	-	-	
			D0001552	355.40	356.40	1.00	0.83	0.825	-	-	
			D0001553	356.40	357.00	0.60	0.65	0.646	-	-	
			D0001554	357.00	357.50	0.50	0.35	0.348	-	-	
			D0001555	357.50	358.30	0.80	0.14	0.139	-	-	
358.30	359.10	Feature 1	D0001556	358.30	359.10	0.80					
		Type									
		E0B Komatiitic_basalt									
		QLF: XEN GS1 FOL									
		Basaltic Komatiite; Med-Dark Green; possible xenolith; Aphanitic-VFG; weak talc alteration; core locally rubled; mod fol @ 50 TCA; LCT @ 60 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 1 PRV									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Analytical Data					
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
359.10	375.20	Feature 1	D0001557	359.10	359.65	0.55	0.36	0.356	-	-		
		Type	D0001558	359.65	360.55	0.90	0.53	0.529	-	-		
		I3 Felsic_intrusive	D0001560	360.55	361.20	0.65	0.73	0.727	-	-		
		QLF: GS1 ALT DEF	D0001561	361.20	361.70	0.50	0.58	0.579	-	-		
		Felsic Dyke; lt-med grey; pinkish brown; aphanitic-FG; mod-strong Bio alteration throughout assoc w/ pinkish brown colour; 2% mm-2cm scale smokey qtz veinlets at multiple orientations; fractures and slips @ multiple orientations; LCT @ 50TCA	D0001562	361.70	362.40	0.70	0.16	0.161	-	-		
			D0001563	362.40	362.70	0.30	0.42	0.415	-	-		
			D0001564	362.70	363.50	0.80	0.46	0.464	-	-		
		Alteration :	D0001566	363.50	364.50	1.00	0.44	0.437	-	-		
		Type/Intensity/Texture	D0001567	364.50	365.35	0.85	0.42	0.416	-	-		
		SIL 1 VND	D0001568	365.35	366.10	0.75	1.09	1.090	-	-		
		BIO 2 PRV	D0001569	366.10	367.00	0.90	0.86	0.855	-	-		
			D0001571	367.00	367.90	0.90	0.43	0.433	-	-		
			D0001572	367.90	368.70	0.80	0.46	0.461	-	-		
			D0001573	368.70	369.00	0.30	0.83	0.831	-	-		
			D0001574	369.00	369.85	0.85	0.86	0.859	-	-		
			D0001575	369.85	370.15	0.30	0.42	0.422	-	-		
			D0001576	370.15	370.55	0.40	0.69	0.686	-	-		
			D0001577	370.55	371.50	0.95	0.55	0.549	-	-		
			D0001578	371.50	372.50	1.00	0.49	0.486	-	-		
			D0001579	372.50	372.85	0.35	0.13	0.125	-	-		
			D0001580	372.85	373.80	0.95	0.45	0.451	-	-		
			D0001582	373.80	374.60	0.80	0.45	0.445	-	-		
			D0001583	374.60	375.20	0.60	0.49	0.491	-	-		



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au					
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)	
375.20	380.85	Feature 1	D0001584	375.20	376.00	0.80	1.16	1.160	-	-		
		Type	D0001585	376.00	377.00	1.00	0.06	0.061	-	-		
		E0B Komatiitic_basalt	D0001586	377.00	378.00	1.00	0.01	0.011	-	-		
		QLF: GS1 FOL ALT	D0001587	378.00	379.00	1.00	0.28	0.275	-	-		
		Basaltic Komatiite; Med-Dark Green; possible xenolith; Aphanitic-VFG; weak talc alteration; wk-mod pervasive carb alteration; mod fol @ 50 TCA; LCT @ 60 TCA	D0001588	379.00	379.75	0.75	0.16	0.162	-	-		
			D0001589	379.75	380.35	0.60	0.10	0.098	-	-		
			D0001590	380.35	380.85	0.50	0.41	0.414	-	-		
		Alteration :										
		Type/Intensity/Texture										
		TLC 1 PRV										
		CB 1 PRV										
380.85	390.80	Feature 1	D0001592	380.85	381.50	0.65	0.14	0.137	-	-		
		Type	D0001593	381.50	382.00	0.50	0.32	0.320	-	-		
		I3 Felsic_intrusive	D0001594	382.00	383.00	1.00	0.21	0.212	-	-		
		QLF: GS1 ALT DEF	D0001595	383.00	384.00	1.00	0.73	0.729	-	-		
		Felsic Dyke; lt-med grey; pinkish brown; aphanitic-FG; mod-strong Bio alteration throughout assoc w/ pinkish brown colour; 2% mm-2cm scale smokey qtz veinlets at multiple orientations; fractures and slips @ multiple orientations; LCT @ 50TCA	D0001596	384.00	385.00	1.00	0.61	0.605	-	-		
			D0001597	385.00	386.00	1.00	0.54	0.541	-	-		
			D0001599	386.00	387.00	1.00	0.54	0.536	-	-		
			D0001600	387.00	387.70	0.70	0.89	0.890	-	-		
			D0001601	387.70	388.30	0.60	0.45	0.452	-	-		
			D0001602	388.30	388.70	0.40	0.39	0.385	-	-		
			D0001603	388.70	389.70	1.00	1.48	1.480	-	-		
			D0001604	389.70	390.50	0.80	0.45	0.454	-	-		
			D0001605	390.50	390.80	0.30	0.46	0.464	-	-		
		Alteration :										
		Type/Intensity/Texture										
		SIL 1 VND										
		BIO 2 PRV										



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Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
390.80	415.80	Feature 1	D0001607	390.80	391.75	0.95	0.71	0.713	-	-	
		Type	D0001608	391.75	392.70	0.95	0.51	0.513	-	-	
		I3 Felsic_intrusive	D0001609	392.70	393.70	1.00	0.52	0.518	-	-	
		QLF: GS1	D0001610	393.70	394.50	0.80	0.57	0.565	-	-	
		Felsic Dyke; lt-med grey; aphanitic-FG; wk Bio alteration throughout assoc; 2% mm-2cm scale smokey qtz veinlets at multiple orientations; mostly massive; fractures and slips @ multiple orientations; LCT @ 45TCA	D0001611	394.50	395.60	1.10	0.42	0.421	-	-	
			D0001612	395.60	396.75	1.15	0.90	0.897	-	-	
			D0001614	396.75	397.15	0.40	0.44	0.443	-	-	
			D0001615	397.15	398.00	0.85	0.27	0.271	-	-	
			D0001616	398.00	399.00	1.00	0.19	0.190	-	-	
			D0001617	399.00	399.60	0.60	0.58	0.579	-	-	
			D0001618	399.60	400.15	0.55	0.51	0.512	-	-	
			D0001620	400.15	401.00	0.85	1.40	1.400	-	-	
			D0001621	401.00	402.00	1.00	1.04	1.040	-	-	
			D0001622	402.00	403.00	1.00	1.02	1.020	-	-	
			D0001623	403.00	404.00	1.00	0.93	0.928	-	-	
			D0001624	404.00	405.00	1.00	0.69	0.692	-	-	
			D0001625	405.00	406.00	1.00	0.32	0.316	-	-	
			D0001626	406.00	407.00	1.00	0.19	0.193	-	-	
			D0001627	407.00	408.00	1.00	0.46	0.459	-	-	
			D0001628	408.00	409.00	1.00	0.71	0.714	-	-	
			D0001629	409.00	410.00	1.00	0.74	0.739	-	-	
			D0001631	410.00	411.00	1.00	0.66	0.659	-	-	
			D0001632	411.00	411.80	0.80	0.24	0.242	-	-	
			D0001633	411.80	412.80	1.00	0.86	0.863	-	-	
			D0001634	412.80	413.80	1.00	0.76	0.758	-	-	
			D0001635	413.80	414.80	1.00	1.01	1.010	-	-	
			D0001636	414.80	415.80	1.00	0.42	0.422	-	-	



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Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
415.80	441.15	Feature 1	D0001638	415.80	416.80	1.00	0.01	0.012	-	-
		Type	D0001639	416.80	417.80	1.00	0.00	<0.005	-	-
		E0B Komatiitic_basalt	D0001640	437.15	438.15	1.00	0.00	<0.005	-	-
		QLF: GS1 FOL	D0001641	438.15	438.60	0.45	0.00	<0.005	-	-
		Basaltic Komatiite; Med-Dark Green; Aphanitic-VFG; weak talc alteration throughout; wk-mod fol @ 55 TCA	D0001642	438.60	439.15	0.55	0.00	<0.005	-	-
		Alteration :	D0001643	439.15	440.15	1.00	0.00	<0.005	-	-
		Type/Intensity/Texture	D0001644	440.15	441.15	1.00	0.36	0.359	-	-
		TLC 1 PRV								
441.15	450.65	Feature 1	D0001645	441.15	441.65	0.50	0.40	0.403	-	-
		Type	D0001647	441.65	442.60	0.95	0.51	0.512	-	-
		I3 Felsic_intrusive	D0001648	442.60	443.40	0.80	0.64	0.640	-	-
		QLF: GS1 FOL	D0001649	443.40	444.40	1.00	0.58	0.582	-	-
		Felsic Dyke; lt-med grey; aphanitic-FG; wk Bio alteration throughout; 2% mm-2cm scale smokey qtz veinlets at multiple orientations; mostly massive; fractures and slips @ multiple orientations; LCT @ 45TCA	D0001650	444.40	444.70	0.30	0.35	0.352	-	-
		Alteration :	D0001651	444.70	445.60	0.90	0.28	0.282	-	-
		Type/Intensity/Texture	D0001652	445.60	446.15	0.55	0.34	0.344	-	-
		AMP	D0001653	446.15	447.15	1.00	0.68	0.676	-	-
		SIL 1 VND	D0001654	447.15	448.15	1.00	1.21	1.210	-	-
		BIO 2 PRV	D0001656	448.15	449.10	0.95	0.88	0.884	-	-
			D0001657	449.10	449.50	0.40	0.79	0.794	-	-
			D0001658	449.50	450.00	0.50	0.45	0.452	-	-
			D0001659	450.00	450.65	0.65	0.21	0.210	-	-



LITHOLOGY REPORT

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Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)												
450.65	454.10	Feature 1	D0001660	450.65	451.35	0.70	3.73	3.730	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	0	0			D0001661	451.35	451.95	0.60	1.09	1.090	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E1H High_titanium_basalt	☐	0	0																			
		QLF: GS1 MIN BRX	D0001662	451.95	452.60	0.65	0.76	0.755	-	-												
		Hi Ti Basalt; Dark Brown/Green to Black; Aphanitic-VFG; moderate brx texture from uphole contact to 451.35 (intermixed E0B/E1H); 3-5% VFG Py/Po from 451.35-454.1 m; LCT sharp @ 30 TCA	D0001663	452.60	453.00	0.40	0.63	0.633	-	-												
			D0001664	453.00	453.30	0.30	6.18	6.180	-	-												
			D0001666	453.30	454.10	0.80	1.84	1.840	-	-												
		Alteration :																				
		Type/Intensity/Texture																				
		CHL 1 LOC																				
		BIO 2 PRV																				
		Mineralization Maj. :																				
		Type/GSZ%/HABIT																				
		451.35 - 452.60 PY GS1 1 DIS																				
		451.35 - 452.60 PO GS1 4 DIS																				
		453.00 - 453.30 PY GS1 2 DIS																				
		453.00 - 453.30 PO GS1 6 DIS																				
		Comment																				
		Dism sulphides in E1H; predominantly // to fol @ 55 TCA																				
		Dism sulphides in E1H; predominantly // to fol @ 55 TCA																				
		Dism sulphides in E1H; predominantly // to fol @ 55 TCA																				
		Dism sulphides in E1H; predominantly // to fol @ 55 TCA																				
454.10	454.55	Feature 1	D0001667	454.10	454.55	0.45	0.12	0.118	-	-												
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0										
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	☐	0	0																			
		QLF: GS1 FOL																				
		Basaltic Komatiite; Med-Dark Green; Aphanitic-VFG; 0.45 m lens of E0B separating E1H from I3; weak talc alteration throughout; wk-mod fol @ 65 TCA																				
		Alteration :																				
		Type/Intensity/Texture																				
		CB 1 LOC																				



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Hole Number **610L-17-20**

Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
454.55	465.15	Feature 1	D0001668	454.55	455.20	0.65	0.38	0.384	-	-	
		Type	D0001670	455.20	456.00	0.80	0.28	0.278	-	-	
		I3 Felsic_intrusive	D0001671	456.00	457.00	1.00	0.28	0.280	-	-	
		QLF: GS1 FOL	D0001672	457.00	457.70	0.70	0.10	0.098	-	-	
		Felsic Dyke; lt-med grey/pinkish; aphanitic-FG; mod Bio alteration throughout; mod-strong bio assoc w/ chilled contact alteration; 2% mm-2cm scale smokey qtz veinlets at multiple orientations; mostly massive; fractures and slips @ multiple orientations; LCT @ 45TCA	D0001673	457.70	458.35	0.65	0.10	0.101	-	-	
		Alteration :	D0001674	458.35	459.00	0.65	0.24	0.236	-	-	
		Type/Intensity/Texture	D0001675	459.00	460.00	1.00	0.36	0.355	-	-	
		SIL 1 VND	D0001676	460.00	461.00	1.00	0.40	0.401	-	-	
		BIO 2 PRV	D0001677	461.00	462.00	1.00	0.43	0.428	-	-	
			D0001678	462.00	463.00	1.00	0.39	0.392	-	-	
			D0001679	463.00	463.60	0.60	0.53	0.533	-	-	
			D0001680	463.60	464.15	0.55	0.42	0.420	-	-	
			D0001681	464.15	465.15	1.00	0.40	0.396	-	-	
465.15	471.45	Feature 1	D0001683	465.15	466.15	1.00	0.01	0.007	-	-	
		Type	D0001684	466.15	467.15	1.00	0.01	0.005	-	-	
		E0B Komatiitic_basalt	D0001685	467.15	468.15	1.00	0.00	<0.005	-	-	
		QLF: GS1 FOL	D0001686	468.15	469.15	1.00	0.02	0.023	-	-	
		Basaltic Komatiite; Med-Dark Green; Aphanitic-;VFG; weak talc & carb alteration throughout; wk-mod fol @ 65 TCA; LCT @ 25	D0001687	469.15	470.15	1.00	0.01	0.010	-	-	
		Alteration :	D0001688	470.15	470.90	0.75	0.00	<0.005	-	-	
		Type/Intensity/Texture	D0001689	470.90	471.50	0.60	0.02	0.018	-	-	
		CB 1 PRV									
		BIO 1 PRV									



LITHOLOGY REPORT

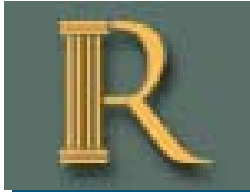
- Detailed -

Hole Number **610L-17-20**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
471.45	472.60	Feature 1	D0001690	471.50	472.00	0.50	0.11	0.113	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> 0 0</p> <p>QLF: ALT GS1 BRK</p> <p>BK; Could be E1H?; Dark Grey-Black; Aphanitic-VFG; brecciation throughout w/ irregular imbrication; trace Py near uphole contact; wk silicification throughout; LCT @ 70 TCA</p> <p>Alteration : Type/Intensity/Texture SIL 1 PRV</p>	D0001692	472.00	472.50	0.50	0.01	0.010	-	-	
472.60	475.00	Feature 1	D0001693	472.50	472.80	0.30	0.02	0.019	-	-	
		<p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit <input type="checkbox"/> 0 0</p> <p>QLF: GS1 SHD VND</p> <p>Talc-Altered BK; Creamy white-med grey; light-med green; moderate talc-alteration throughout; creamy qtz actinolite vein from 472.8-473.25; barren; weak shearing throughout assoc w/ qtz veinlets; E0H @ 475 m</p> <p>Alteration : Type/Intensity/Texture SIL 2 VND TLC 2 PRV</p> <p>Structure: 472.80 - 473.25 Alpha: 70 Beta: 0 Type/GEN/Intensity CA1: CA2: V2A 2 65 70</p>	D0001694	472.80	473.25	0.45	0.03	0.026	-	-	
			D0001696	473.25	474.00	0.75	0.01	0.012	-	-	
			D0001697	474.00	475.00	1.00	0.01	0.011	-	-	



DRILL HOLE REPORT

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 104.46	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: -14.03	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 504	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 26-Sep-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 03-Oct-17				Surveyed: yes
Logged: 11-Oct-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10041.215	East: 448147.81
			North: 49930.418	North: 5663884.5
			Elev.: 4762.587	Elev.: -237.41
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	104.46	-14.03	C	<input checked="" type="checkbox"/>	
15.00	101.30	-11.89	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	102.78	-12.70	DeviSh ot	<input checked="" type="checkbox"/>	
102.00	97.54	-14.02	DeviSh ot	<input type="checkbox"/>	Suspect.....removed
153.00	100.80	-15.14	DeviSh ot	<input checked="" type="checkbox"/>	???
201.00	103.22	-15.30	DeviSh ot	<input checked="" type="checkbox"/>	
252.00	102.95	-16.35	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
300.00	102.60	-16.30	DeviSh ot	<input checked="" type="checkbox"/>	
351.00	105.48	-16.23	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	105.57	-15.15	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	111.00	-14.78	DeviSh ot	<input checked="" type="checkbox"/>	
501.00	109.23	-14.01	DeviSh ot	<input checked="" type="checkbox"/>	



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	3.65	Feature 1									
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: SHD BAN GS1</p> <p>Sheared/Talc Altered Komatiitic Basalt; Dark Green/Grey; bands of creamy-grey carb/qtz veining; aphanitic-VFG; mod shearing @ 60 TCA; 10% background qtz carb veining // to shearing; barren; LCT @ 75</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">SIL 1 VND</p> <p style="padding-left: 40px;">CB 2 VND</p> <p style="padding-left: 40px;">TLC 2 PRV</p> <p>Structure:</p> <p>0.00 - 3.65 Alpha: 60 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity</p> <p style="padding-left: 40px;">SHD 2 CA1: 60 CA2: 65</p>									
3.65	3.80	Feature 1									
		<p>Type</p> <p>I0E <i>Lamprophyre</i> <input type="checkbox"/> 0 0</p> <p>QLF: GS1 FOL</p> <p>Lamp Dyke; Black; aphanitic-VFG; mod folation @ 60 TCA; LCT sheared @ 65 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 2 PRV</p>									



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Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
3.80	33.60	Feature 1									
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: SHD BAN GS1</p> <p>Sheared/ Talc Altered Komatiitic Basalt; Dark Green/Grey; bands of creamy-grey carb/qtz veining; aphanitic-VFG; mod shearing @ 60 TCA; 10% background qtz carb veining // to shearing; barren of mineralization; LCT @ 60</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">SIL 1 VND</p> <p style="padding-left: 40px;">CB 2 VND</p> <p style="padding-left: 40px;">TLC 2 PRV</p> <p>Structure:</p> <p>3.80 - 33.60 Alpha: 65 Beta: 0</p> <p style="padding-left: 20px;">Type/GEN/Intensity</p> <p style="padding-left: 40px;">SHD 2 CA1: 60 CA2: 70</p>									
33.60	104.75	Feature 1									
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: FTB FLT GS1</p> <p>Talc-Altered Komatiitic Basalt; Med-Dark Green/Grey; Aphanitic-VFG; weak-moderate Flow Top Breccia throughout; trace carb/silica infilling along curvilinear fractures predominantly sub-// to S1 @ 40 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">AMP</p> <p style="padding-left: 40px;">SIL</p> <p style="padding-left: 40px;">BIO</p>									



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Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
Structure:												
43.85 - 44.45		Alpha: 55	Beta: 0									
		Type/GEN/Intensity	CA1:	CA2:								
		FLT 4	50	60								
104.75	106.90	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		IOE Lamprophyre	<input type="checkbox"/>	0	0							
		QLF: GS1 FOL										
		Lamp Dyke; Black to Dark Green; VFG; very rich in biotite; foliated @ 45 TCA; LCT @ 20 TCA										
		Alteration :	Type/Intensity/Texture									
		BIO 3 PRV										
106.90	243.85	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0							
		QLF: GS1 FTB FOL										
		Talc-Altered Ultramafic; Dark Blue/Grey; Aphanitic-VFG; moderate flow top breccia throughout; locally faulted; very rare veining; weak foliation @ 40 to 60 TCA; lower contact with Gabbroic Dyke sharp @ 65 TCA										
		Alteration :	Type/Intensity/Texture									
		TLC 3 PRV										
		Structure:										
150.25 - 150.45		Alpha: 70	Beta: 0									
					D0001698	237.35	238.35	1.00	0.00	<0.005	-	-
					D0001699	238.35	238.65	0.30	0.01	0.014	-	-
					D0001700	238.65	239.65	1.00	0.00	<0.005	-	-



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Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		Type/GEN/Intensity FLT 4								
		CA1: CA2: 70 75								
	160.50 - 160.75	Alpha: 20								
		Type/GEN/Intensity FLT 3								
		CA1: CA2: 20 30								
	164.10 - 164.35	Alpha: 70								
		Type/GEN/Intensity FLT 4								
		CA1: CA2: 70 75								
	167.00 - 167.35	Alpha: 60								
		Type/GEN/Intensity FLT 3								
		CA1: CA2: 55 65								
	170.00 - 173.00	Alpha: 25								
		Type/GEN/Intensity FLT 3								
		CA1: CA2: 25 30								
	174.25 - 188.40	Alpha:								
		Type/GEN/Intensity FLT 2								
		CA1: CA2: 35 50								
		SHD 2								
		CA1: CA2: 35 50								
	225.30 - 225.70	Alpha: 65								
		Type/GEN/Intensity V1 2								
		CA1: CA2: 60 70								
	238.35 - 238.65	Alpha: 45								
		Type/GEN/Intensity V3 2								
		CA1: CA2: 45 50								
	243.84 - 243.85	Alpha: 65								
		Type/GEN/Intensity CD								
		CA1: CA2:								



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Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
243.85	244.90	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>I1A Gabbro</p> <p>QLF: ALT GS2 MAS</p> <p>Gabbroic Dyke: Med-grained, dark brown-black with scattered amp laths, weak patchy bio-chl alteration proximal to contacts, massive textured with micro-fracturing infilled with calcite, minor (<1%) whitish calcite str @ 5 to 10 tca, no significant mineralization, moderate fracturing @ 60 to 70 tca (1-2/m), sharp contacts @ 65 and 70 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">BIO 2 LOC</p> <p>Structure:</p> <p>244.89 - 244.90 Alpha: 70 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">CD</p>									
244.90	288.43	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT FTB FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour , massive textured to rubbly breccia textures (flow top breccia), broken core throughout, strong pervassive chl alteration and patchy moderate to strong talc alteration which decreases downhole, veining consist of 1-2% irregular/ fragmented/boudinaged/ folded qtz-carb str which are parallel to the local foliation/fracture orientation @ 40 to 70 tca, moderate fracturing @ 50-70 tca (2-3/m), no visible mineralization, sharp lower contact with Felsic Dyke @ 65 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CP 2 DCU</p>	PED42197	285.50	286.50	1.00	0.03	0.025	-	-	
			PED42198	286.50	287.50	1.00	0.02	0.015	-	-	
			PED42200	287.50	288.43	0.93	0.02	0.016	-	-	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		TLC 3 PRV CHL 3 PRV									
		Structure: 288.42 - 288.43 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
288.43	302.72	Feature 1	PED42201	288.43	289.00	0.57	0.75	0.750	-	-	
		Type Dyke % Thickness Colour Vein	PED42202	289.00	289.90	0.90	0.67	0.668	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 98 0 BNM S	PED42203	289.90	290.40	0.50	0.73	0.732	-	-	
		QLF: ALT VND FRA	PED42205	290.40	291.00	0.60	0.79	0.793	-	-	
		Felsic Dyke: Fine to med-grained, mottled whitish-green colour, strong pervassive silica alteration and moderate patchy bio, massive textured with moderate micro-fracturing, 1-2% planar to fragmented greyish-white sil'd qtz-carb str @ 25 to 45 tca, weak fracturing @ 40-50 tca (1/m) with chl-sericite+/- py infilling fracture planes, trace fine-gr dissemin py-po., sharp contacts @ 65 tca.	PED42206	291.00	292.00	1.00	0.55	0.551	-	-	
			PED42208	292.00	293.00	1.00	0.23	0.225	-	-	
			PED42209	293.00	293.50	0.50	0.35	0.347	-	-	
			PED42210	293.50	294.00	0.50	0.28	0.279	-	-	
		Alteration : Type/Intensity/Texture	PED42211	294.00	294.50	0.50	2.24	2.240	-	-	
		CHL 2 FF	PED42213	294.50	295.50	1.00	0.57	0.567	-	-	
		SIL 3 PRV	PED42214	295.50	296.00	0.50	0.27	0.274	-	-	
		BIO 2 PCH	PED42215	296.00	297.00	1.00	0.91	0.905	-	-	
		Structure:	PED42216	297.00	298.00	1.00	0.61	0.609	-	-	
		302.71 - 302.72 Alpha: 65 Beta: 0 Type/GEN/Intensity CA1: CA2: CD	PED42217	298.00	299.00	1.00	1.06	1.060	-	-	
			PED42218	299.00	300.00	1.00	0.43	0.428	-	-	
			PED42219	300.00	301.00	1.00	0.41	0.414	-	-	
		Feature 2:	PED42220	301.00	302.00	1.00	1.86	1.860	-	-	
			PED42221	302.00	302.72	0.72	0.31	0.313	-	-	



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
302.72	303.70	Feature 1	PED42222	302.72	303.70	0.98	0.45	0.448	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt <input type="checkbox"/> % 0 Thickness 0 Colour GND Vein</p> <p>QLF: ALT FOL FRA</p> <p>Komatiitic Basalt: (possible inclusion within Felsic Dyke?) Fine-grained, dark green colour, massive textured to weakly developed foliation fabric @ 65-70 tca, strong pervasive chl alteration and patchy weaksilica alteration, veining consist of 1-2% fragmented/boudinaged qtz-carb str @ 5-10 tca, no visible mineralization, sharp lower contact with Felsic Dyke @ 70 tca.</p> <p>Alteration :</p> <p style="text-align: center;">Type/Intensity/Texture</p> <p>AMP</p> <p>SIL 1 PCH</p> <p>CHL 3 PRV</p> <p>Structure:</p> <p>303.69 - 303.70 Alpha: 75 Beta: 0</p> <p style="text-align: center;">Type/GEN/Intensity CA1: CA2:</p> <p>CD</p>									
303.70	306.90	Feature 1	PED42223	303.70	304.50	0.80	0.18	0.179	-	-	
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive <input checked="" type="checkbox"/> % 98 Thickness 0 Colour BNM Vein S</p> <p>QLF: ALT MAS VND</p> <p>Felsic Dyke: Fine to med-grained, mottled brownish colour, strong pervasive silica alteration and moderate to strong patchy bio, massive textured with moderate micro-fracturing, 1-2% planar to fragmented greyish-white sil'd qtz-carb str @ 25 to 45 tca, weak fracturing @ 40-50 tca (1/m) with chl-sericite+/- py infilling fracture planes, trace to 1% fine-gr dissemin py-po., sharp contacts @ 65 and 30 tca.</p> <p>Alteration :</p> <p style="text-align: center;">Type/Intensity/Texture</p> <p>CHL 2 FF</p>	PED42224	304.50	305.20	0.70	1.09	1.090	-	-	
			PED42225	305.20	306.00	0.80	0.39	0.391	-	-	
			PED42226	306.00	306.90	0.90	0.71	0.708	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SIL 3 PRV BIO 3 PCH									
		Structure: 306.89 - 306.90 Alpha: 30 Beta: 0 Type/GEN/Intensity CA1: CA2: CD									
		Feature 2:									
		Type Dyke % Thickness Colour Vein V2 Quartz_vein <input checked="" type="checkbox"/> 2 0 GYM S									
		QLF: ALT MAS VND									
		Alteration : Type/Intensity/Texture SIL 3 PRV									
306.90	324.66	Feature 1									
		Type Dyke % Thickness Colour Vein E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GND									
		QLF: ALT MAS PIL									
		Komatiitic Basalt: Fine-grained, dark green colour, massive textured to pillowed with local pillow selveges present, strong pervasive chl alteration and patchy weak talc and weak patchy silica alteration, veining consist of 1-2% fragmented/boudinaged qtz-carb strs @ 25 tca, weak fracturing @ 30-50 tca (1-2/m), no visible mineralization, sharp lower contact with Felsic Dyke @ 75 tca.									
		Alteration : Type/Intensity/Texture TLC 1 PCH SIL 1 PCH CHL 3 PRV									
			PED42227	306.90	308.00	1.10	0.47	0.473	-	-	
			PED42228	308.00	309.00	1.00	0.01	0.009	-	-	
			PED42229	309.00	310.00	1.00	0.00	<0.005	-	-	
			PED42230	310.00	311.00	1.00	0.00	<0.005	-	-	
			PED42231	311.00	312.00	1.00	0.01	0.006	-	-	
			PED42232	312.00	313.00	1.00	0.00	<0.005	-	-	
			PED42234	313.00	314.00	1.00	0.01	0.007	-	-	
			PED42235	314.00	315.00	1.00	0.01	0.014	-	-	
			PED42237	315.00	316.00	1.00	0.00	<0.005	-	-	
			PED42238	316.00	317.00	1.00	0.01	0.010	-	-	
			PED42239	317.00	318.00	1.00	0.01	0.006	-	-	
			PED42240	318.00	319.00	1.00	0.01	0.008	-	-	



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
			PED42241	319.00	320.00	1.00	0.01	0.005	-	-	
			PED42242	320.00	321.00	1.00	0.02	0.019	-	-	
			PED42243	321.00	322.00	1.00	0.01	0.012	-	-	
			PED42244	322.00	323.00	1.00	0.02	0.022	-	-	
			PED42245	323.00	324.00	1.00	0.01	0.014	-	-	
			PED42246	324.00	324.66	0.66	0.07	0.069	-	-	
324.66	361.36	Feature 1	PED42247	324.66	325.50	0.84	0.70	0.699	-	-	
		Type	PED42248	325.50	326.50	1.00	0.49	0.494	-	-	
		Dyke % Thickness Colour Vein	PED42250	326.50	327.50	1.00	0.15	0.148	-	-	
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 95 0 BNM S	PED42251	327.50	328.50	1.00	0.67	0.665	-	-	
		QLF: ALT MAS VND	PED42252	328.50	329.50	1.00	0.41	0.405	-	-	
		Felsic Dyke: Fine to med-grained, mottled brownish colour, strong pervassive silica alteration and moderate to strong patchy bio, massive textured with moderate micro-fracturing, 4-5% planar to fragmented greyish-white sil'd qtz-carb strs @ 15 to 35 tca and 45 to 65, weak fracturing @ 40 to 50 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, trace to 1% fine-gr dissem py-po., sharp contacts @ 75 and 70 tca.	PED42253	329.50	330.00	0.50	10.25	>10.000	10.25	-	
			PED42255	330.00	331.00	1.00	1.78	1.780	-	-	
			PED42256	331.00	332.00	1.00	0.34	0.339	-	-	
		Alteration :	PED42257	332.00	333.00	1.00	0.52	0.516	-	-	
		Type/Intensity/Texture	PED42259	333.00	334.00	1.00	0.66	0.659	-	-	
		CHL 2 FF	PED42260	334.00	335.00	1.00	0.32	0.318	-	-	
		SIL 3 PRV	PED42261	335.00	336.00	1.00	0.57	0.565	-	-	
		BIO 3 PCH	PED42262	336.00	337.00	1.00	0.38	0.375	-	-	
		Structure:	PED42263	337.00	338.00	1.00	0.48	0.482	-	-	
		361.35 - 361.36 Alpha: 65 Beta: 0	PED42264	338.00	339.00	1.00	0.26	0.256	-	-	
		Type/GEN/Intensity CA1: CA2:	PED42266	339.00	340.00	1.00	0.80	0.804	-	-	
		CD	PED42267	340.00	341.00	1.00	0.64	0.642	-	-	
		Feature 2:	PED42268	341.00	342.00	1.00	0.48	0.478	-	-	
		Type	PED42269	342.00	342.50	0.50	0.18	0.176	-	-	
		Dyke % Thickness Colour Vein	PED42270	342.50	343.00	0.50	0.16	0.162	-	-	
		V2 Quartz_vein <input checked="" type="checkbox"/> 5 0 GYM S	PED42271	343.00	344.00	1.00	3.18	3.180	-	-	
		QLF: ALT MAS VND									
		Alteration :									
		Type/Intensity/Texture									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)												
		SIL 3 PRV	PED42272	344.00	345.00	1.00	4.48	4.480	-	-													
			PED42273	345.00	346.00	1.00	0.67	0.670	-	-													
			PED42274	346.00	347.00	1.00	2.18	2.180	-	-													
			PED42275	347.00	348.00	1.00	1.63	1.630	-	-													
			PED42276	348.00	349.00	1.00	0.78	0.779	-	-													
			PED42277	349.00	350.00	1.00	2.27	2.270	-	-													
			PED42279	350.00	351.00	1.00	0.56	0.560	-	-													
			PED42280	351.00	352.00	1.00	0.76	0.756	-	-													
			PED42281	352.00	353.00	1.00	0.17	0.168	-	-													
			PED42283	353.00	354.00	1.00	0.41	0.411	-	-													
			PED42284	354.00	355.00	1.00	0.31	0.308	-	-													
			PED42285	355.00	356.00	1.00	0.43	0.432	-	-													
			PED42286	356.00	357.00	1.00	0.56	0.564	-	-													
			PED42288	357.00	358.00	1.00	1.71	1.710	-	-													
			PED42289	358.00	359.00	1.00	0.78	0.783	-	-													
			PED42290	359.00	360.00	1.00	0.54	0.538	-	-													
			PED42291	360.00	360.50	0.50	3.90	3.900	-	-													
			PED42292	360.50	361.36	0.86	1.89	1.890	-	-													
361.36	363.07	Feature 1	PED42293	361.36	362.00	0.64	0.21	0.214	-	-													
			PED42294	362.00	363.07	1.07	0.05	0.046	-	-													
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL FRA</p> <p>Komatiitic Basalt: (Possible inclusion within Felsic Dyke?) Fine-grained, dark green colour, moderate to well developed foliation fabric @ 45-50 tca, strong pervassive chl alteration and patchy weak bio and patchy silica alteration, no significant veining or mineralization, moderate fracturing @ 45 to 55 tca (1-2/m), sharp lower contact with Felsic Dyke @ 60 tca.</p> <p>Alteration : <i>Type/Intensity/Texture</i> BIO 1 PCH</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND										
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																			



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
367.20	372.32	Feature 1	PED42299	367.20	368.00	0.80	0.10	0.098	-	-
		Type	PED42300	368.00	369.00	1.00	0.03	0.030	-	-
		E0B Komatiitic_basalt	PED37451	369.00	370.00	1.00	0.00	<0.005	-	-
		QLF: ALT MAS GS2	PED37452	370.00	371.00	1.00	0.00	<0.005	-	-
		Komatiitic Basalt: Med-grained, dark green colour, massive textured, strong pervassive chl alteration and patchy weak talc-carbonate-silica alteration, veining consist of <1% planar to fragmented white qtz-carb-calcite strs/threads @ 35 to 45 tca, weak fracturing @ 30-50 tca (1-2/m) and 10 tca (<1/m) with local broken core at upper contact, no visible mineralization, sharp lower contact with High-Ti Basalt sharp @ 70 tca.	PED37453	371.00	372.00	1.00	0.05	0.050	-	-
		Alteration :								
		Type/Intensity/Texture								
		CB 1 PCH								
		SIL 1 PCH								
		CHL 3 PRV								
372.32	396.46	Feature 1	PED37454	372.00	373.00	1.00	0.05	0.045	-	-
		Type	PED37455	373.00	374.00	1.00	0.40	0.402	-	-
		E1H High_titanium_basalt	PED37456	374.00	375.00	1.00	0.04	0.038	-	-
		QLF: ALT MAS VND	PED37458	375.00	376.00	1.00	0.02	0.016	-	-
		High-Ti Basalt: Fine-grained, dark green, massive textured with local breccia veining, moderate to strong fracturing @ 40 to 55 tca (1-2/m) and 10 to 30 tca (1/m) with local white calcite infilling fracture planes, strong pervassive chl alteration and weak patchy bio-silica alteration, trace to 1% fine-gr dissem po-py throughout and locally as fracture infilling @ 30 tca, weakly magnetitic throughout, local 1-2% greyish-white qtz-carb strs (V2_BX) @ 50-60 tca from 376 to 376.3 m and 1-2% V2_BX strs @ 70-75 tca from 382.45 to 382.75 m , lower contact with a narrow Felsic Dyke (19 cm) is undulatory @ 60 tca, minor narrow (2 to 12 cm wide) white Felsic Dykes @ 20-35 tca intrude the Basalt from 392.8 to 396.46m.	PED37459	376.00	377.00	1.00	0.03	0.034	-	-
			PED37460	377.00	378.00	1.00	0.09	0.087	-	-
			PED37461	378.00	379.00	1.00	0.04	0.040	-	-
			PED37463	379.00	380.00	1.00	0.02	0.021	-	-
			PED37464	380.00	381.00	1.00	0.03	0.028	-	-
			PED37465	381.00	382.00	1.00	0.02	0.019	-	-
		Alteration :	PED37467	382.00	383.00	1.00	0.00	<0.005	-	-
		Type/Intensity/Texture	PED37468	383.00	384.00	1.00	0.01	0.011	-	-
		CHL 3 PRV	PED37469	384.00	385.00	1.00	0.01	0.011	-	-
		SIL 2 PRV								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		BIO 1 PCH	PED37470	385.00	386.00	1.00	0.00	<0.005	-	-	
		Structure:	PED37471	386.00	387.00	1.00	0.01	0.011	-	-	
		376.00 - 376.30 Alpha: 55 Beta: 0	PED37472	387.00	388.00	1.00	0.03	0.030	-	-	
		Type/GEN/Intensity CA1: CA2:	PED37473	388.00	389.00	1.00	0.15	0.151	-	-	
		CV 3 50 60	PED37474	389.00	390.00	1.00	0.04	0.036	-	-	
		382.45 - 382.75 Alpha: 70 Beta: 0	PED37475	390.00	391.00	1.00	0.11	0.107	-	-	
		Type/GEN/Intensity CA1: CA2:	PED37476	391.00	392.00	1.00	0.15	0.154	-	-	
		CV 3 70 75	PED37477	392.00	393.00	1.00	0.35	0.347	-	-	
		Mineralization Maj. : Type/GSZ%/HABIT Comment	PED37479	393.00	394.00	1.00	0.06	0.060	-	-	
		372.32 - PY GS1 0.5 DIS High-Ti Basalt: trace to 1% fine-gr disseminated throughout and locally as fracture infilling	PED37480	394.00	395.00	1.00	0.18	0.182	-	-	
		396.46	PED37481	395.00	396.00	1.00	0.25	0.254	-	-	
396.46	396.63	Feature 1	PED37482	396.00	397.00	1.00	0.41	0.410	-	-	
		Type Dyke % Thickness Colour Vein									
		I3 Felsic_intrusive <input checked="" type="checkbox"/> 0 0 GYL									
		QLF: ALT GS2 MAS									
		Felsic Dyke: Narrow (19 cm), med-grained, mottled greyish colour, strong pervasive silica alteration and moderate patchy bio-chl, massive textured with moderate micro-fracturing, sharp undulatory upper contact @ 65 tca, lower contact sharp @ 60 tca									
		Alteration : Type/Intensity/Texture									
		CHL 2 SPT									
		SIL 3 PRV									
		BIO 1 SPT									
396.63	399.24	Feature 1	PED37484	397.00	398.00	1.00	0.28	0.275	-	-	
		Type Dyke % Thickness Colour Vein	PED37485	398.00	399.24	1.24	0.22	0.220	-	-	



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		E1H High_titanium_basalt <input type="checkbox"/> 0 0 GND QLF: ALT MAS MIN High-Ti Basalt: As above, fine-grained, dark green, massive textured with weak fracturing @ 40 to 55 tca (1/m) with local white calcite infilling fracture planes, strong pervasive chl alteration and weak patchy bio-silica alteration, trace to 1% fine-gr disseminated po-py throughout and locally as fracture infilling @ 30-35 tca, weak to moderately magnetic throughout, no significant veining other than minor white calcite threads @ 70-75 tca, lower contact with Komatiitic Basalt sharp @ 75 tca.								
		Alteration : CHL 3 PRV SIL 2 PRV BIO 1 PCH Structure: 399.23 - 399.24 Alpha: 75 Beta: 0 Type/GEN/Intensity CA1: CA2: CS								
		Mineralization Maj. : Type/GSZ%/HABIT 396.63 - 399.24 PY GS1 0.5 DIS 396.63 - 399.24 PO GS1 1 DIS	Comment High-Ti Basalt: trace to 1-2% fine-gr disseminated po-py throughout and locally as fracture infilling @ 30-35 tca. High-Ti Basalt: trace to 1-2% fine-gr disseminated po-py throughout and locally as fracture infilling @ 30-35 tca.							



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
399.24	410.50	Feature 1	PED37486	399.24	400.00	0.76	0.01	0.011	-	-
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine to med-grained, dark green colour, massive textured, strong pervasive chl alteration and patchy weak talc alteration that increases downhole, veining consist of 1-2% planar to fragmented qtz-carb-calcite strs/thrds @ 15 to 30 tca and 65 to 75 tca, weak fracturing @ 55-60 tca (1/m), no visible mineralization, sharp lower contact with sheared Inter Flow Metaseds @ 55 tca.</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 1 PRV</p> <p style="margin-left: 40px;">TLC 3 PCH</p> <p style="margin-left: 40px;">CHL 3 PRV</p> <p>Structure:</p> <p>410.49 - 410.50 Alpha: 55 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity</p> <p style="margin-left: 40px;">CT CA1: CA2:</p>	PED37487	400.00	401.00	1.00	0.01	0.009	-	-
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 98 0 GND S</p>	PED37488	401.00	402.00	1.00	0.01	0.011	-	-
			PED37490	402.00	403.00	1.00	0.02	0.016	-	-
			PED37491	403.00	404.00	1.00	0.01	0.014	-	-
			PED37492	404.00	405.00	1.00	0.02	0.016	-	-
			PED37493	405.00	406.00	1.00	0.01	0.012	-	-
			PED37494	406.00	407.00	1.00	0.00	<0.005	-	-
			PED37495	407.00	408.00	1.00	0.00	<0.005	-	-
			PED37496	408.00	409.00	1.00	0.01	0.007	-	-
			PED37497	409.00	410.00	1.00	0.01	0.011	-	-
			PED37498	410.00	411.00	1.00	0.01	0.008	-	-
410.50	411.55	Feature 1	PED37499	411.00	412.00	1.00	0.01	0.008	-	-
		<p style="text-align: center;">Type</p> <p>E1S Volcanic_sediments</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 60 0 GNM</p>								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)											
		<p>QLF: ALT BAN SHD</p> <p>Mixed Zone (Shear Zone): Fine-grained with mottled greenish-brown colour with mixed lithologies of Komatiitic Basalt and Interflow Metasediments (interflow metasediments occur as fine-grained laminations on mm to cm scale which are locally highly contorted/fragmented parallel to well developed shear fabric @ 50-55 tca, strong silica-bio-chl-carb alteration, no significant fractures, veining occurs as thin crosscutting fracture infilling qtz-carb-calcite strcs/threads @ 10-20 tca , lower contact with Spinifex Flow Komatiitic Basalt sheared @ 55 tca.</p>																				
		<p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CBC 2 FF</p> <p style="margin-left: 40px;">SIL 3 PRV</p> <p style="margin-left: 40px;">BIO 3 PCH</p>																				
		<p>Structure:</p> <p>410.50 - 411.55 Alpha: 50 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">SHD 3 50 55</p>																				
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">40</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BAN SHD</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	40	0	GND									
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	40	0	GND																		



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
411.55	437.79	Feature 1	PED37500	412.00	413.00	1.00	0.01	0.007	-	-	
		Type	D0001701	413.00	414.00	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	D0001702	414.00	415.00	1.00	0.00	<0.005	-	-	
		QLF: SPN MAS BRX	D0001703	415.00	416.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt: Fine-grained, dark green colour, massive textured with good spinifex textures from upper contact with sheared Inter Flow Metaseds down to 415 m, gradational transition into a typical massive textured Komatiitic Basalt, strong pervasive chl alteration and patchy weak talc alteration that increases downhole towards lower contact, local patchy bio-sil alteration in strongly overprinted breccia zone, (possible ankerite as irregular patches from 416 to 420 m), veining consist of 1-2% planar to fragmented qtz-carb-calcite str/thrds @ 20 to 30 tca and 55 to 60 tca, weak fracturing @ 45-60 tca (1-2/m) and 25 tca (<1/m), from 415.5 to 419.3 m there is a moderately defined Breccia Zone fabric @ 30 to 50 tca which is overprinted with alteration, no visible mineralization, sharp lower contact with Mixed Zone (Breccia) @ 80 tca.	D0001705	416.00	417.00	1.00	0.01	0.009	-	-	
			D0001706	417.00	418.00	1.00	0.00	<0.005	-	-	
			D0001707	418.00	418.85	0.85	0.00	<0.005	-	-	
			D0001708	418.85	419.30	0.45	0.00	<0.005	-	-	
			D0001710	419.30	420.00	0.70	0.00	<0.005	-	-	
			D0001711	420.00	421.00	1.00	0.00	<0.005	-	-	
			D0001712	421.00	422.00	1.00	0.00	<0.005	-	-	
			D0001714	422.00	423.00	1.00	0.00	<0.005	-	-	
			D0001715	423.00	424.00	1.00	0.00	<0.005	-	-	
			D0001716	424.00	425.00	1.00	0.00	<0.005	-	-	
			D0001717	425.00	426.00	1.00	0.00	<0.005	-	-	
			D0001718	426.00	427.00	1.00	0.00	<0.005	-	-	
			D0001719	427.00	428.00	1.00	0.00	<0.005	-	-	
			D0001720	428.00	429.00	1.00	0.00	<0.005	-	-	
			D0001721	429.00	430.00	1.00	0.00	<0.005	-	-	
			D0001722	430.00	431.00	1.00	0.00	<0.005	-	-	
			D0001723	431.00	432.00	1.00	0.00	<0.005	-	-	
			D0001724	432.00	433.00	1.00	0.00	<0.005	-	-	
			D0001725	433.00	434.00	1.00	0.00	<0.005	-	-	
			D0001726	434.00	435.00	1.00	0.00	<0.005	-	-	
			D0001727	435.00	436.00	1.00	0.00	<0.005	-	-	
			D0001729	436.00	437.00	1.00	0.00	<0.005	-	-	
			D0001730	437.00	437.79	0.79	0.00	<0.005	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CBC 1 FF									
		SIL 2 PCH									
		CHL 3 PRV									
		Structure:									
		415.50 - 419.30									
		Alpha: 40									
		Beta: 0									
		Type/GEN/Intensity									
		CA1: CA2:									
		FLT2 2									
		30 50									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: SPN MAS BRX									
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 VND									
		CB 2 VND									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
437.79	444.41	Feature 1	D0001731	437.79	438.40	0.61	0.00	<0.005	-	-	-
		Type	D0001732	438.40	439.00	0.60	0.04	0.035	-	-	-
		E1H High_titanium_basalt	D0001733	439.00	440.00	1.00	0.00	<0.005	-	-	-
		QLF: ALT BRX VND	D0001734	440.00	440.50	0.50	0.21	0.208	-	-	-
		High-Ti Basalt (Mixed Breccia Zone of High-Ti Basalt and Komatiitic Basalt): Fine-grained, mottled/ banded brownish-green colour, massive texture to strong overprinted breccia fabric @ 40-50 tca, strong patchy bio-chl-carb alteration (banded apperance), strong pervasive silica alteration overprinting breccia fabric, 4-5% planar to boudinaged/fragmented white qtz-carb strs @ 40-50 and 70-80 tca, minor (<1%) overpinted extension strs @ 5-20 tca, trace fine-grained dissem po-py, weak fracturing @ 45 to 65 tca (1-2/m), some drilling problems: from 441 to 443 m core size reduced to BQ with 40 cm of lost core (grind), lower contact with Komatiitic Basalt has a 20 cm qtz-carb vein @ 70 tca.	D0001736	440.50	441.00	0.50	0.20	0.203	-	-	-
			D0001737	441.00	442.00	1.00	0.00	<0.005	-	-	-
			D0001738	442.00	443.00	1.00	0.00	<0.005	-	-	-
			D0001739	443.00	444.00	1.00	0.31	0.305	-	-	-
			D0001741	444.00	444.41	0.41	0.84	0.841	-	-	-
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 BAN									
		SIL 3 PRV									
		BIO 3 BAN									
		Structure:									
		437.79 - 444.41	Alpha: 45	Beta: 0							
		Type/GEN/Intensity	CA1:	CA2:							
		FLT2 3	40	50							
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	20	0	GND	S				
		QLF: ALT BRX VND									
		Alteration :									
		Type/Intensity/Texture									
		CHL 3 PRV									



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Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
444.41	448.64	Feature 1	D0001742	444.41	445.00	0.59	0.13	0.131	-	-	
		Type	D0001743	445.00	446.00	1.00	0.03	0.032	-	-	
		E0B Komatiitic_basalt	D0001744	446.00	447.00	1.00	0.03	0.034	-	-	
		QLF: ALT MAS VND	D0001745	447.00	448.00	1.00	0.00	<0.005	-	-	
		Komatiitic Basalt: Med-grained, dark greenish-grey colour, massive textured, strong pervasive chl-talc alteration, veining consist of 1-2% planar to irregular qtz-carb-calcite strs/thrds @ 60 to 70 tca, weak fracturing @ 35 tca (<1/m), no visible mineralization, veined lower contact with Mixed (Breccia Zone) @ 60	D0001746	448.00	448.64	0.64	0.04	0.037	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CB 2 PCH									
		TLC 2 PRV									
		CHL 3 PRV									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein									
		QLF: ALT MAS VND									
448.64	453.00	Feature 1	D0001747	448.64	449.26	0.62	0.77	0.772	-	-	
		Type	D0001748	449.26	450.00	0.74	0.41	0.411	-	-	
		E1H High_titanium_basalt	D0001749	450.00	451.00	1.00	0.29	0.293	-	-	
		QLF: ALT BRX DEFS	D0001750	451.00	452.00	1.00	0.09	0.094	-	-	
		Mixed Zone (Breccia Zone): Fine-grained with mottled greenish-brown colour with mixed lithologies of High-Ti Basalt and Interflow Metasediments (interflow metasediments occur as fine-grained laminations on mm to cm scale which are highly contorted/folded/fragmented and crosscut by black line faults), chaotic rubbly breccia texture varying from 30 to 70 tca, with local faulting present as several crosscutting hairline blackline faults @ 15-35 tca, (see Orientated Data Spreadsheet for detailed structural data), strong overprinting silica-bio-chl-act alteration, no significant fractures, veining occurs as thin (1-2 cm wide) sil'd qtz-carb-act breccia strs @ 40-70	D0001751	452.00	453.00	1.00	0.06	0.060	-	-	



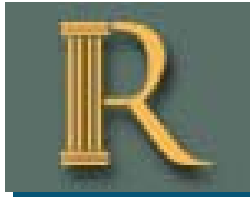
LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		tca and highly fragmented/folded extension str @ 5 to 30 tca, mineralization consist of trace to 1% fine-gr dissemin po-py throughout, lower contact with High-Ti Basalt gradational.									
		Alteration : Type/Intensity/Texture CHL 3 BAN SIL 3 PRV BIO 3 BAN									
		Feature 2:									
		Type Dyke % Thickness Colour Vein									
		E1S Volcanic_sediments <input type="checkbox"/> 0 0 GNM									
		QLF: ALT BRX DEFS									
		Alteration : Type/Intensity/Texture CHL 3 BAN SIL 3 PRV BIO 3 BAN									
453.00	499.10	Feature 1									
		Type Dyke % Thickness Colour Vein									
		E1H High_titanium_basalt <input type="checkbox"/> 95 0 BNM S	D0001752	453.00	453.60	0.60	0.08	0.082	-	-	
		QLF: ALT VND MIN	D0001753	453.60	454.20	0.60	0.73	0.725	-	-	
		High-Ti Basalt (Veined and Mineralized): Fine-grained, dark brownish-green colour, massive textured, strong pervasively silica-bio-chl-act alteration that varies in intensity from weak to strong throughout the unit, local patchy garnets @ 454-455 m, weak fracturing @ 45 tca (<1/m), 4-5% planar to boudinaged/fragmented extensional qtz-carb-act str @ 5 to 15 tca (1/1-2m and 1-2 cm wide), (See Orientated Point Data Spreadsheet for detailed veining info), trace to 1% fine-gr dissemin po-py (locally concentrated in extension veining boudin necks and fractures up to 1-2%), rare crosscutting qtz-carb-act str @ 70-75 tca, weakly magnetitic throughout, from 494 to 498 m mineralization increases to 5-10% dissemin/str of po-py with increased bio-silica alteration and 5-10% planar to boudinaged qtz-carb-act str (V2_EX) @ 5 to 25 tca, minor	D0001755	454.20	454.90	0.70	0.98	0.982	-	-	
			D0001756	454.90	455.50	0.60	2.17	2.170	-	-	
			D0001758	455.50	456.00	0.50	0.18	0.178	-	-	
			D0001759	456.00	457.00	1.00	0.97	0.974	-	-	
			D0001760	457.00	458.00	1.00	0.08	0.078	-	-	
			D0001761	458.00	459.00	1.00	0.58	0.577	-	-	
			D0001762	459.00	460.00	1.00	0.09	0.087	-	-	
			D0001763	460.00	460.60	0.60	2.88	2.880	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		17 cm Lamp Dyke @ 50 -55 tca from 497.25 to 497.43 m, lower contact with Komatiitic Basalt sharp @ 40 tca.	D0001764	460.60	461.50	0.90	0.02	0.019	-	-	
			D0001765	461.50	462.50	1.00	0.02	0.015	-	-	
		Visible Gold : SampleID/Grainsize/Style	D0001766	462.50	463.00	0.50	3.27	3.270	-	-	
		D0001766 1-2mm Speck	D0001768	463.00	463.50	0.50	0.01	0.014	-	-	
		Alteration : Type/Intensity/Texture	D0001769	463.50	464.50	1.00	0.01	0.008	-	-	
		CHL 3 PRV	D0001771	464.50	465.00	0.50	0.01	0.009	-	-	
		SIL 3 PRV	D0001772	465.00	466.00	1.00	0.00	<0.005	-	-	
		BIO 3 PCH	D0001773	466.00	467.00	1.00	0.00	<0.005	-	-	
		Structure:	D0001774	467.00	468.00	1.00	0.01	0.009	-	-	
453.00 - 463.00		Alpha: 10 Beta: 0	D0001775	468.00	469.00	1.00	0.01	0.013	-	-	
		Type/GEN/Intensity CA1: CA2:	D0001776	469.00	470.00	1.00	0.02	0.018	-	-	
		V2_E 3 5 15	D0001777	470.00	470.50	0.50	0.03	0.032	-	-	
472.35 - 475.00		Alpha: 20 Beta: 0	D0001778	470.50	471.00	0.50	0.03	0.032	-	-	
		Type/GEN/Intensity CA1: CA2:	D0001779	471.00	472.00	1.00	0.02	0.020	-	-	
		FLT2 2 20 55	D0001781	472.00	472.35	0.35	0.05	0.048	-	-	
479.60 - 490.00		Alpha: 10 Beta: 0	D0001782	472.35	472.87	0.52	0.36	0.359	-	-	
		Type/GEN/Intensity CA1: CA2:	D0001783	472.87	473.30	0.43	1.35	1.350	-	-	
		V2_BX 1 70 80	D0001784	473.30	474.00	0.70	0.49	0.489	-	-	
		V2_E 3 5 15	D0001785	474.00	475.00	1.00	0.36	0.362	-	-	
494.00 - 497.20		Alpha: 10 Beta: 0	D0001787	475.00	476.00	1.00	0.04	0.044	-	-	
		Type/GEN/Intensity CA1: CA2:	D0001788	476.00	476.50	0.50	0.05	0.045	-	-	
		V2_E 3 5 25	D0001789	476.50	477.00	0.50	0.24	0.240	-	-	
497.24 - 497.25		Alpha: 50 Beta: 0	D0001790	477.00	477.50	0.50	0.46	0.461	-	-	
		Type/GEN/Intensity CA1: CA2:	D0001791	477.50	478.20	0.70	1.63	1.630	-	-	
		CD	D0001792	478.20	479.00	0.80	1.00	1.000	-	-	
497.42 - 497.43		Alpha: 55 Beta: 0	D0001793	479.00	479.60	0.60	1.55	1.550	-	-	
		Type/GEN/Intensity CA1: CA2:	D0001794	479.60	480.40	0.80	1.19	1.190	-	-	
		CD									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
499.09 - 499.10	Alpha: 40	Beta: 0	D0001796	480.40	481.00	0.60	0.15	0.154	-	-	
	Type/GEN/Intensity	CA1: CA2:	D0001797	481.00	482.00	1.00	0.03	0.030	-	-	
	CS		D0001798	482.00	483.00	1.00	0.90	0.903	-	-	
	Mineralization Maj. : Type/GSZ%/HABIT	Comment	D0001799	483.00	484.00	1.00	1.00	0.999	-	-	
453.00 - 463.00	PY GS1 0.5 DIS	High-Ti Basalt (with extension strcs): trace fine-gr dissemin po-py which locally increases to 1% proximal to veining.	D0001800	484.00	485.00	1.00	0.01	0.009	-	-	
453.00 - 463.00	PO GS1 0.5 DIS	High-Ti Basalt (with extension strcs): trace fine-gr dissemin po-py which locally increases to 1% proximal to veining.	D0001801	485.00	485.50	0.50	0.01	0.013	-	-	
453.00 - 463.00			D0001802	485.50	486.00	0.50	6.99	6.990	-	-	
453.00 - 463.00			D0001803	486.00	486.50	0.50	4.50	4.500	-	-	
494.00 - 498.00	PY GS1 5 DIS	High-Ti Basalt (Veined and Mineralized): mineralization increases to 5-10% dissemin/str of po-py with increased bio-silica alteration and 5-10% planar to boudinaged qtz-carb-act strcs (V2_EX) @ 5 to 25 tca.	D0001804	486.50	487.30	0.80	2.08	2.080	-	-	
494.00 - 498.00			D0001806	487.30	488.00	0.70	0.91	0.905	-	-	
494.00 - 498.00			D0001807	488.00	488.50	0.50	0.34	0.337	-	-	
494.00 - 498.00	PO GS2 5 DIS	High-Ti Basalt (Veined and Mineralized): mineralization increases to 5-10% dissemin/str of po-py with increased bio-silica alteration and 5-10% planar to boudinaged qtz-carb-act strcs (V2_EX) @ 5 to 25 tca.	D0001808	488.50	489.00	0.50	1.41	1.410	-	-	
494.00 - 498.00			D0001809	489.00	489.50	0.50	1.44	1.440	-	-	
494.00 - 498.00			D0001810	489.50	490.00	0.50	0.85	0.854	-	-	
494.00 - 498.00			D0001812	490.00	491.00	1.00	0.02	0.017	-	-	
494.00 - 498.00			D0001813	491.00	492.00	1.00	0.02	0.022	-	-	
494.00 - 498.00			D0001814	492.00	493.00	1.00	0.02	0.017	-	-	
494.00 - 498.00			D0001816	493.00	494.00	1.00	0.93	0.927	-	-	
494.00 - 498.00			D0001817	494.00	494.65	0.65	10.10	>10.000	10.10	-	
494.00 - 498.00			D0001818	494.65	495.00	0.35	3.08	3.080	-	-	
494.00 - 498.00			D0001819	495.00	495.50	0.50	3.48	3.480	-	-	
494.00 - 498.00			D0001820	495.50	496.00	0.50	7.13	7.130	-	-	
494.00 - 498.00			D0001821	496.00	496.50	0.50	5.96	5.960	-	-	
494.00 - 498.00			D0001822	496.50	497.25	0.75	9.58	>10.000	9.58	-	
494.00 - 498.00			D0001823	497.25	498.00	0.75	7.77	7.770	-	-	
494.00 - 498.00			D0001824	498.00	498.50	0.50	0.09	0.094	-	-	
494.00 - 498.00			D0001825	498.50	499.00	0.50	0.01	0.010	-	-	

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	5	0	WHT	S

QLF: ALT VND MIN

Alteration :

Type/Intensity/Texture
SIL 3 PRV
AC 2 VND



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA												
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)											
499.10	503.49	Feature 1	D0001826	499.00	500.00	1.00	0.01	0.008	-	-												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM		D0001827	500.00	501.00	1.00	0.01	0.010	-	-
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																		
		QLF: ALT SHD FOL	D0001828	501.00	502.00	1.00	0.08	0.084	-	-												
		Komatiitic Basalt: Fine-med-grained, greenish-brown colour, moderate patchy bio-silica alteration, strong pervasive chl alteration, moderate to well developed shear/foliation fabric @ 25-40 tca, with moderate fracture parallel to foliation @ 40 tca (1-2/m), no significant veining or mineralization, lower contact with Felsic Dyke sharp @ 60 tca.	D0001829	502.00	503.00	1.00	0.13	0.130	-	-												
		Alteration :	D0001830	503.00	503.49	0.49	0.02	0.021	-	-												
		<table border="0"> <tr> <td style="text-align: center;">Type/Intensity/Texture</td> </tr> <tr> <td>CHL 3 PRV</td> </tr> <tr> <td>SIL 1 PRV</td> </tr> <tr> <td>BIO 2 PCH</td> </tr> </table>	Type/Intensity/Texture	CHL 3 PRV	SIL 1 PRV	BIO 2 PCH																
Type/Intensity/Texture																						
CHL 3 PRV																						
SIL 1 PRV																						
BIO 2 PCH																						
		Structure:																				
		499.11 - 503.48	Alpha: 40	Beta: 0																		
			Type/GEN/Intensity	CA1:	CA2:																	
			FRA	40																		
			FOL 2	25	40																	
		503.48 - 503.49	Alpha: 60	Beta: 0																		
			Type/GEN/Intensity	CA1:	CA2:																	
			CD																			
503.49	504.00	Feature 1	D0001831	503.49	504.00	0.51	0.47	0.465	-	-												
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td style="text-align: center;">S</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM	S								
Type	Dyke	%	Thickness	Colour	Vein																	
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	0	0	BNM	S																	
		QLF: ALT MAS VND																				
		Felsic Dyke: Fine to med-grained, mottled brownish-white colour, strong pervasive silica alteration and moderate patchy bio, massive textured with moderate micro-fracturing, 1-2% planar greyish-white sil'd qtz-																				



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-21**

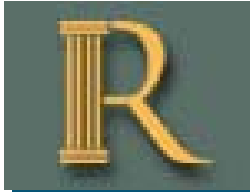
Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	----------------------------------	----------------------------------	---------------------------------	----------------------------------

carb strs @ 30 tca, weak fracturing @ 65-70 tca (1/m) with chl-sericite+/- py infilling fracture planes, trace fine-gr disseminated py-po., sharp upper contact @ 60 tca. EOH.

Alteration : **Type/Intensity/Texture**
AMP
SIL 3 PRV
BIO 2 PCH



DRILL HOLE REPORT

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 99.71	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: -19.51	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 521	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 04-Oct-17	Cemented: no	Hole Type: Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 04-Oct-17				Surveyed: yes
Logged: 18-Oct-17				Surveyed by: Mark Cottrell
Comment: Blocking Error at 39 m; skips right to 45 m; EOH=521 m				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10041.216	East: 448147.86	Left in hole:
		North: 49930.491	North: 5663884.55	Making water: no
		Elev.: 4762.556	Elev.: -237.44	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	99.71	-19.51	C	<input checked="" type="checkbox"/>	
15.00	99.85	-19.52	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	101.71	-20.55	DeviSh ot	<input checked="" type="checkbox"/>	
102.00	97.62	-21.05	DeviSh ot	<input type="checkbox"/>	-4 degrees???
150.00	99.78	-22.06	DeviSh ot	<input checked="" type="checkbox"/>	
201.00	100.72	-22.71	DeviSh ot	<input checked="" type="checkbox"/>	
252.00	97.73	-23.33	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
300.00	99.70	-23.84	DeviSh ot	<input checked="" type="checkbox"/>	
351.00	100.71	-24.18	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	103.07	-23.76	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	103.10	-22.75	DeviSh ot	<input checked="" type="checkbox"/>	
489.00	107.32	-21.53	DeviSh ot	<input checked="" type="checkbox"/>	
510.00	108.24	-21.03	DeviSh ot	<input checked="" type="checkbox"/>	
521.00	106.48	-20.70	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																										
21.25	25.55	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 FOL</p> <p>Talc-Altered BK; Dark Green; aphanitic-VFG; mod-strong fol @ 60 TCA; 5% irregular qtz carb veining; barren; LCT gradational</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>CB 1 VND</td> </tr> <tr> <td>TLC 2 PRV</td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0			Type/Intensity/Texture	CB 1 VND	TLC 2 PRV																				
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25.55	31.40	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: SHD GS1</p> <p>Sheared Talc; Dark Green/Dark Grey; Aphanitic-VFG; talc-altered Basaltic Komatiite; strong fol/mod shearing @ 60 TCA; up to 10% background qtz carb veining // to S1 LCT faulted</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr> <td>CB 1 VND</td> </tr> <tr> <td>TLC 2 PRV</td> </tr> </tbody> </table> <p>Structure:</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 20%;">25.55 - 31.40</td> <td style="width: 20%;">Alpha: 65</td> <td style="width: 20%;">Beta: 0</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td></td> <td>V3 2</td> <td>60</td> <td>65</td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0			Type/Intensity/Texture	CB 1 VND	TLC 2 PRV	25.55 - 31.40	Alpha: 65	Beta: 0			Type/GEN/Intensity	CA1:	CA2:		V3 2	60	65								
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LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SHD 2				60 65					
31.40	33.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		FLT Fault_zone	<input type="checkbox"/>	0	0						
		QLF: FLT SHD									
		Faulted Talc; Rock completely gouged; zero rock strength; barren									
		Alteration : Type/Intensity/Texture									
		TLC 4 PRV									
		Structure:									
		31.40 - 33.00	Alpha: 60	Beta: 0							
			Type/GEN/Intensity		CA1:	CA2:					
			FLT 4	60	60						
33.00	66.10	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0						
		QLF: FTB GS1 FRA									
		Talc-Altered Basaltic Komatiite; Dark Blue/Grey; aphanitic-VFG; mod-strong flow top breccia texture throughout creating curvilinear fractures predominantly @ 60 TCA + multiple discordant orientations; LCT @ 70									
		Alteration : Type/Intensity/Texture									
		TLC 2 PRV									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)																							
66.10	67.20	Feature 1																															
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">Type</td> <td style="text-align: right;">Dyke</td> <td style="text-align: right;">%</td> <td style="text-align: right;">Thickness</td> <td style="text-align: right;">Colour</td> <td style="text-align: right;">Vein</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>I0E Lamprophyre</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>QLF: GS1 Lamp Dyke; Dark Grey/Black-Greenish; Aphanitic-VFG; could be mafic dyke; wk-mod magnetism; wk carb content; LCT @ 45 TCA</p>	Type	Dyke	%	Thickness	Colour	Vein						I0E Lamprophyre	<input type="checkbox"/>	0	0																
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67.20	70.75	Feature 1																															
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LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)															
71.60	92.15	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T <i>Talc_rich_unit</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: Talc-Altered Basaltic Komatiite; Dark Blue/Grey; aphanitic-VFG; mod-strong flow top breccia texture throughout creating curvilinear fractures predominantly @ 60 TCA + multiple discordant orientations; LCT @ 70</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr><td>AMP</td></tr> <tr><td>SIL</td></tr> <tr><td>BIO</td></tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0			Type/Intensity/Texture	AMP	SIL	BIO								
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SIL																										
BIO																										
92.15	95.40	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I0E <i>Lamprophyre</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 Lamp Dyke; Dark Grey/Black-Greenish; Aphanitic-VFG; could be mafic dyke; wk-mod magnetism; wk carb content; mod-strong bio content; LCT @ 65 TCA</p> <p>Alteration :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/Intensity/Texture</th> </tr> </thead> <tbody> <tr><td>BIO 2 PRV</td></tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0	0			Type/Intensity/Texture	BIO 2 PRV										
Type	Dyke	%	Thickness	Colour	Vein																					
I0E <i>Lamprophyre</i>	<input type="checkbox"/>	0	0																							
Type/Intensity/Texture																										
BIO 2 PRV																										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
95.40	116.45	Feature 1								
		Type								
		E0T Talc_rich_unit	<input type="checkbox"/>	0		0				
		QLF: GS1 FTB FRA								
		Talc-Altered Basaltic Komatiite; Dark Blue/Grey; aphanitic-VFG; mod-strong flow top breccia texture throughout creating curvilinear fractures predominantly @ 60 TCA + multiple discordant orientations; LCT @ XX								
		Alteration : Type/Intensity/Texture								
		TLC 2 PRV								
116.45	171.25	Feature 1								
		Type								
		E0B Komatiitic_basalt	<input type="checkbox"/>	0		0				
		QLF: GS1 FTB FRA								
		Basaltic-Komatiite; Dark Blue/Grey; minor talc alteration; aphanitic to partially VFG; wk flow top brx texture throughout; curvilinear fractures @ multiple orientation; locally fractured/faulted trace/nil background veining								
		Alteration : Type/Intensity/Texture								
		TLC 1 PRV								
		Structure:								
	118.40 - 119.20	Alpha: 55			Beta: 0					
		Type/GEN/Intensity	CA1:	CA2:						
		FLT 2	55	55						
	122.00 - 123.35	Alpha: 10			Beta: 0					
		Type/GEN/Intensity	CA1:	CA2:						
		FLT 2	10	30						



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
	152.90 - 153.95	Alpha: 65 Type/GEN/Intensity FLT 2									
		Beta: 0 CA1: CA2: 65 70									
171.25	204.25	Feature 1									
		Type									
		E0B Komatiitic_basalt									
		QLF: FTB FOL GS1									
		Basaltic-Komatiite; Dark Blue/Grey; minor talc alteration; aphanitic to partially VFG; mod-strong flow top brx texture throughout predominantly foliated @ 40 to 55 TCA producing curvilinear fractures @ multiple orientations;									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		SIL									
		BIO									
204.25	223.70	Feature 1									
		Type									
		E0T Talc_rich_unit									
		QLF: FOL GS2									
		Talc-Altered Basalt; Dark Blue/Grey; Aphanitic-FG; appears to be strongly garnetiferous with moderate talc alteration; mod-strong foliation @ 50 TCA; LCT @ 55 TCA									
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)										
		GRN 2 PRV																			
223.70	240.25	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 MAS</p> <p>Basaltic-Komatiite; Dark Blue/Grey; minor talc alteration; aphanitic to partially VFG; wk flow top brx texture; mostly massive; LCT @ 65 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 1 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																		
240.25	250.05	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 FOL ALT</p> <p>Talc-Altered Basaltic-Komatiite; Dark Blue/Grey; minor talc alteration; aphanitic to partially VFG; wk-mod flow top brx texture; wk-mod fol @ 65 TCA; LCT @ 65 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																		
250.05	283.20	Feature 1																			



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		E0B Komatiitic_basalt	☐	70	0										
		QLF: GS1 FTB													
		Basaltic-Komatiite; Dark Blue/Grey; minor-mod talc alteration; locally grading to E0T; aphanitic to partially VFG; mod flow top brx texture; mostly massive; LCT @ 55 TCA													
		Alteration : Type/Intensity/Texture													
		TLC 1 PRV													
		Structure:													
		253.60 - 254.60	Alpha: 55	Beta: 0											
			Type/GEN/Intensity	CA1:	CA2:										
			FLT 4	50	60										
		Feature 2:													
		E0T Talc_rich_unit	☐	30	0										
		QLF: GS1 FTB													
283.20	292.60	Feature 1													
		E0B Komatiitic_basalt	☐	50	0										
		QLF: FOL GS1													
		Basaltic-Komatiite; Dark Blue/Grey; aphanitic to partially VFG; Interbanded E0B/E0T; mod-strong fol @ 50 TCALCT @ 55 TCA													
		Alteration : Type/Intensity/Texture													
		AMP													



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

SIL
BIO

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	50	0		
<i>QLF:</i> FOL GS1					

292.60 312.10 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	0	0		
<i>QLF:</i> GS0 FOL					

Talc-Altered Ultramafic; Dark Green/Grey; Aphanitic VFG; mod talc alteration; mod S1 fabric @ 30 TCA; LCT is sub-// TCA

Alteration : *Type/Intensity/Texture*
TLC 2 PRV

312.10 316.15 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0		
<i>QLF:</i> GS1 FOL					

Basaltic Komatiite Dark Green; Aphanitic-VFG; mod fol @ 40 TCA; mod spinifex; wk talc alteration; LCT @ 45 TCA



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Alteration : Type/Intensity/Texture TLC 1 PRV									
316.15	337.50	Feature 1									
		Type E0T <i>Talc_rich_unit</i> QLF: GS1 ALT FOL Talc-Altered Basaltic-Komatiite; med green; VFG; mod talc content locally grading back to BK; sheared from 332.55-337.8 @ 35 TCA; barren	Dyke <input type="checkbox"/>	% 0	Thickness 0	Colour 0	Vein 0				
		Alteration : Type/Intensity/Texture TLC 2 PRV									
		Structure: 332.55 - 337.80 Alpha: 35 Beta: 0									
		Type/GEN/Intensity SHD 2	CA1: 35	CA2: 35							
337.50	354.80	Feature 1									
		Type E0B <i>Komatiitic_basalt</i> QLF: GS1 FOL Basaltic Komatiite; med green; aphanitic-VFG; locally grading to E0T; fractures @ multiple orientations; mostly massive; trace carb veining @ predominantly 20-30 TCA; Barren; LCT @ 30 TCA	Dyke <input type="checkbox"/>	% 0	Thickness 0	Colour 0	Vein 0				
		Alteration : Type/Intensity/Texture TLC 1 PRV									
			D0005401	352.25	353.25	1.00	0.02	0.023	-	-	
			D0005402	353.25	354.00	0.75	0.26	0.261	-	-	
			D0005403	354.00	354.80	0.80	0.05	0.048	-	-	



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
354.80	386.05	Feature 1	D0005404	354.80	355.80	1.00	0.13	0.125	-	-	
		Type	D0005406	355.80	356.80	1.00	0.20	0.204	-	-	
		Dyke % Thickness Colour Vein	D0005407	356.80	357.40	0.60	0.37	0.369	-	-	
		I3 Felsic_intrusive <input type="checkbox"/> 0 0	D0005408	357.40	357.85	0.45	0.19	0.191	-	-	
		QLF: ALT GS1	D0005409	357.85	358.55	0.70	0.86	0.858	-	-	
		Felsic Dyke; light-dark grey; aphanitic-FG; banded VFG bio alteration assoc w/ 3-5% irregular mm-scale veining; moderately fractured throughout @ multiple orientations	D0005410	358.55	359.30	0.75	0.56	0.561	-	-	
		Alteration : Type/Intensity/Texture	D0005411	359.30	360.10	0.80	0.55	0.554	-	-	
		SIL 1 VND	D0005413	360.10	360.75	0.65	6.34	6.340	-	-	
		BIO 2 BAN	D0005414	360.75	361.10	0.35	2.82	2.820	-	-	
			D0005415	361.10	361.70	0.60	0.32	0.322	-	-	
			D0005416	361.70	362.70	1.00	0.53	0.527	-	-	
			D0005417	362.70	363.70	1.00	1.20	1.200	-	-	
			D0005418	363.70	364.30	0.60	1.01	1.010	-	-	
			D0005419	364.30	365.00	0.70	0.33	0.329	-	-	
			D0005420	365.00	366.00	1.00	0.38	0.375	-	-	
			D0005421	366.00	367.00	1.00	0.21	0.207	-	-	
			D0005423	367.00	368.00	1.00	0.38	0.375	-	-	
			D0005424	368.00	369.00	1.00	0.62	0.624	-	-	
			D0005425	369.00	370.00	1.00	0.33	0.330	-	-	
			D0005426	370.00	371.00	1.00	1.62	1.620	-	-	
			D0005427	371.00	372.00	1.00	0.54	0.540	-	-	
			D0005428	372.00	373.00	1.00	0.81	0.808	-	-	
			D0005429	373.00	374.00	1.00	0.88	0.875	-	-	
			D0005430	374.00	375.00	1.00	0.73	0.726	-	-	
			D0005431	375.00	376.00	1.00	0.42	0.424	-	-	



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			D0005432	376.00	377.00	1.00	0.59	0.593	-	-	
			D0005434	377.00	378.00	1.00	1.46	1.460	-	-	
			D0005435	378.00	379.00	1.00	0.60	0.600	-	-	
			D0005436	379.00	380.00	1.00	0.46	0.458	-	-	
			D0005437	380.00	381.00	1.00	0.52	0.522	-	-	
			D0005438	381.00	382.00	1.00	0.86	0.855	-	-	
			D0005439	382.00	383.00	1.00	0.74	0.737	-	-	
			D0005440	383.00	384.00	1.00	0.81	0.811	-	-	
			D0005442	384.00	385.00	1.00	0.40	0.398	-	-	
			D0005443	385.00	386.05	1.05	0.29	0.289	-	-	
386.05	390.80	Feature 1	D0005444	386.05	387.05	1.00	0.01	0.011	-	-	
		Type	D0005445	387.05	388.05	1.00	0.00	<0.005	-	-	
		E0T Talc_rich_unit	D0005446	388.05	388.65	0.60	0.00	<0.005	-	-	
		QLF: FOL GS1	D0005448	388.65	389.40	0.75	0.00	<0.005	-	-	
		Talc Zone; Med-Dark Green; creamy talcose alteration; aphanitic-VFG; strong S1 fol @ 40 TCA; mod fractures @ multiple orientation; LCT very irregular/anastamosing sub-// TCA	D0005449	389.40	390.40	1.00	0.01	0.008	-	-	
			D0005450	390.40	390.80	0.40	0.41	0.410	-	-	
		Alteration :									
		Type/Intensity/Texture									
		TLC 2 PRV									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
390.80	400.20	Feature 1	D0005451	390.80	391.75	0.95	0.15	0.145	-	-
		Type	D0005452	391.75	392.65	0.90	0.28	0.280	-	-
		I3 Felsic_intrusive	D0005453	392.65	393.55	0.90	0.03	0.028	-	-
		QLF: GS1 FOL	D0005454	393.55	394.65	1.10	0.03	0.030	-	-
		Felsic Dyke; light-dark grey; aphanitic-FG; banded VFG bio alteration assoc w/ 3-5% irregular mm-scale veining; moderately fractured throughout @ multiple orientations; LCT @ 15 TCA	D0005455	394.65	395.65	1.00	0.40	0.396	-	-
		Alteration :	D0005456	395.65	396.40	0.75	0.43	0.425	-	-
		Type/Intensity/Texture	D0005457	396.40	397.05	0.65	0.54	0.542	-	-
		SIL 1 VND	D0005458	397.05	397.95	0.90	1.06	1.060	-	-
		BIO 2 BAN	D0005460	397.95	398.95	1.00	0.52	0.520	-	-
			D0005461	398.95	399.70	0.75	0.17	0.172	-	-
			D0005462	399.70	400.20	0.50	0.25	0.248	-	-
400.20	404.25	Feature 1	D0005463	400.20	401.20	1.00	0.01	0.014	-	-
		Type	D0005464	401.20	402.25	1.05	0.01	0.006	-	-
		E0T Talc_rich_unit	D0005465	402.25	403.25	1.00	0.01	0.013	-	-
		QLF:	D0005466	403.25	404.25	1.00	0.05	0.051	-	-
		Talc Zone; lt-dk green/grey; creamy talcose stringers; aphanitic-VFG; strong S1 fol @ 35 TCA; LCT @ 35 TCA								
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		SIL								
		BIO								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
404.25	408.45	Feature 1	D0005467	404.25	405.20	0.95	0.28	0.281	-	-
		Type	D0005468	405.20	406.20	1.00	0.15	0.154	-	-
		I3 Felsic_intrusive	D0005470	406.20	406.80	0.60	0.30	0.295	-	-
		QLF: GS1 FOL	D0005471	406.80	407.55	0.75	0.32	0.320	-	-
		Felsic Dyke; light grey; aphanitic-FG; VFG bio alteration assoc w/ 3-5% irregular mm-scale veining; 5 cm V2S @ 35 TCA from 407.55-407.85 m with 5% dism sulphides; wk fol @ 35 TCA; LCT @ 15 TCA	D0005472	407.55	407.85	0.30	0.11	0.112	-	-
			D0005474	407.85	408.45	0.60	0.49	0.493	-	-
		Alteration :								
		Type/Intensity/Texture								
		SIL 1 VND								
		BIO 1 PRV								
		Structure:								
		407.55 - 407.85								
		Alpha: 35								
		Beta: 0								
		Type/GEN/Intensity								
		V2S 2								
		CA1: 35								
		CA2: 35								
		Mineralization Maj. :								
		Type/GSZ%/HABIT								
		407.55 - 407.85								
		PY GS1 2 DIS								
		407.55 - 407.85								
		PO GS1 3 DIS								
		407.55 - 407.85								
		5 cm qtz vein w/ 3-5% massive dism sulphides predominantly in tension crack discordant/perpendicular to veining w/ minor mineralization // to vein contacts								
		5 cm qtz vein w/ 3-5% massive dism sulphides predominantly in tension crack discordant/perpendicular to veining w/ minor mineralization // to vein contacts								
408.45	412.00	Feature 1	D0005475	408.45	409.10	0.65	0.23	0.231	-	-
		Type	D0005476	409.10	410.00	0.90	0.01	0.011	-	-
		E0T Talc_rich_unit	D0005477	410.00	411.00	1.00	0.00	<0.005	-	-
		QLF: GS1 FOL	D0005478	411.00	412.00	1.00	0.21	0.213	-	-
		Talc Zone; lt-dk green/grey; creamy talcose stringers; uphole contact appears to have ~5cm Iron Formation present; talc alteration grading in/out of E0B aphanitic-VFG; strong S1 fol @ 35 TCA; LCT @ 35 TCA								



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Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		Alteration :		Type/Intensity/Texture							
				TLC 2 LOC							
412.00	413.15	Feature 1	D0005479	412.00	412.80	0.80	0.01	0.010	-	-	
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0						
		QLF: LAM GS0 BRX									
		basaltic komatiite; Lt-Dark Green; dark grey-black; 3-7 mm laminated bands @ 55 TCA; moderate carb brecciation from 412-412.25 m; barren; LCT @ 55 TCA									
		Alteration :		Type/Intensity/Texture							
				CB 2 VND							
413.15	415.70	Feature 1	D0005482	413.50	414.00	0.50	0.00	<0.005	-	-	
		Type	Dyke	%	Thickness	Colour	Vein				
		E0T Talc_rich_unit	<input type="checkbox"/>	0	0						
		QLF: GS1 FOL BAN									
		Talc Zone; lt-dk green/grey; creamy talcose stringers; talc alteration grading in/out of E0B aphanitic-VFG; strong S1 fol @ 35 TCA; LCT @ 35 TCA									
		Alteration :		Type/Intensity/Texture							
				TLC 2 LOC							



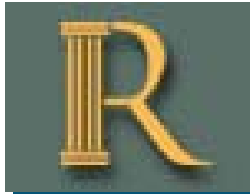
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Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA													
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)													
415.70	416.85	Feature 1	D0005485	415.70	416.50	0.80	0.01	0.012	-	-													
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td>50</td> <td>0</td> <td></td> <td></td> </tr> </table> <p>QLF: LAM GS1 BRX</p> <p>E0B; Lt-Dark Green; dark grey-black; 3-7 mm laminated bands @ 55 TCA separated by 1-15 cm bands of Basaltic Komatiite; barren; LCT highly irregular from Sub-// to 45 TCA</p> <p>Alteration : Type/Intensity/Texture CB 1 VND</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	50	0			D0005487	416.50	416.85	0.35	0.00	<0.005	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	☐	50	0																				
		Feature 2:																					
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td>50</td> <td>0</td> <td></td> <td></td> </tr> </table> <p>QLF: LAM GS1 BRX</p> <p>Alteration : Type/Intensity/Texture CB 1 VND</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	50	0											
Type	Dyke	%	Thickness	Colour	Vein																		
E0B Komatiitic_basalt	☐	50	0																				
416.85	423.00	Feature 1	D0005488	416.85	417.50	0.65	0.02	0.015	-	-													
		<table border="0"> <tr> <td style="text-align: right;">Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;">☐</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </table> <p>QLF: GS1 MAS</p> <p>Mafic Dyke (Possible E1H); Black/Dark Grey; VFG; Massive; tr-1% VFG Po/Py disseminated throughout; 1% qtz-calcite veining @ multiple predominantly low angle orientations; LCT @ 40 TCA</p> <p>Alteration : Type/Intensity/Texture BIO 1 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	☐	0	0			D0005489	417.50	418.50	1.00	0.02	0.018	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
I1 Mafic_intrusive	☐	0	0																				
			D0005490	418.50	419.50	1.00	0.04	0.039	-	-													
			D0005491	419.50	420.50	1.00	0.03	0.028	-	-													
			D0005492	420.50	420.80	0.30	0.22	0.222	-	-													
			D0005494	420.80	421.35	0.55	0.00	<0.005	-	-													
			D0005495	421.35	422.10	0.75	0.05	0.049	-	-													
			D0005496	422.10	423.00	0.90	0.00	<0.005	-	-													



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
423.00	423.55	Feature 1	D0005497	423.00	423.55	0.55	0.34	0.343	-	-	
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: XEN FOL GS1</p> <p>Basaltic Komatiite; Probable xenolith in dyke Med-Dark green; aphanitic-VFG; strong fol @ 55 TCA; weak brx texture imbricated // to fol; LCT // to fol @ 55 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">CB 1 VND</p> <p style="padding-left: 40px;">CHL 2 PRV</p>									
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="padding-left: 20px;">□ 0 0</p>									
423.55	433.85	Feature 1	D0005498	423.55	424.00	0.45	0.68	0.681	-	-	
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: MIN GS1 MIN</p> <p>Mafic Dyke (Possible E1H); Black/Dark Grey; VFG; Massive; 5-7% VFG Po/Py disseminated throughout; 2% qtz-calcite veining @ multiple predominantly low angle orientations; LCT @ 40 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 40px;">BIO 1 PRV</p>									
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="padding-left: 20px;">□ 0 0</p>									
		<p>Mineralization Maj. : Type/GSZ%/HABIT</p> <p>423.55 - PY GS1 2 MAS</p> <p>433.85</p> <p>423.55 - PO GS1 5 MAS</p> <p>433.85</p>	<p style="text-align: center;">Comment</p> <p>Mafic Dyke showing 5-7% massive sulphide mineralization</p> <p>Mafic Dyke showing 5-7% massive sulphide mineralization</p>								
			D0005499	424.00	424.60	0.60	0.00	<0.005	-	-	
			D0005500	424.60	425.00	0.40	0.34	0.336	-	-	
			D0003001	425.00	425.80	0.80	0.39	0.387	-	-	
			D0003002	425.80	426.20	0.40	0.54	0.536	-	-	
			D0003003	426.20	426.90	0.70	0.32	0.317	-	-	
			D0003004	426.90	427.45	0.55	0.40	0.396	-	-	
			D0003005	427.45	427.80	0.35	0.22	0.220	-	-	
			D0003007	427.80	428.60	0.80	0.12	0.116	-	-	
			D0003008	428.60	429.60	1.00	0.19	0.186	-	-	
			D0003009	429.60	430.30	0.70	0.18	0.182	-	-	
			D0003010	430.30	430.95	0.65	0.34	0.337	-	-	
			D0003011	430.95	431.35	0.40	0.25	0.245	-	-	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
			D0003012	431.35	432.15	0.80	0.20	0.196	-	-	
			D0003014	432.15	432.60	0.45	4.78	4.780	-	-	
			D0003015	432.60	432.90	0.30	1.42	1.420	-	-	
			D0003016	432.90	433.85	0.95	0.11	0.113	-	-	
433.85	439.75	Feature 1	D0003017	433.85	434.20	0.35	0.06	0.059	-	-	
		<i>Type</i>	D0003018	434.20	435.20	1.00	0.34	0.344	-	-	
		E0B Komatiitic_basalt	D0003019	435.20	436.20	1.00	0.00	<0.005	-	-	
		QLF: GS1 FOL	D0003020	436.20	437.20	1.00	0.00	<0.005	-	-	
		Talc Zone; lt-dk green/grey; creamy talcose stringers; talc alteration grading in/out of E0B aphanitic-VFG; strong S1 fol @ 35 TCA; LCT @ 35 TCA	D0003021	437.20	438.20	1.00	0.00	<0.005	-	-	
			D0003022	438.20	439.05	0.85	0.00	<0.005	-	-	
		Alteration : <i>Type/Intensity/Texture</i>	D0003023	439.05	439.75	0.70	0.01	0.007	-	-	
		TLC 2 PRV									
439.75	446.15	Feature 1	D0003024	439.75	440.25	0.50	0.19	0.189	-	-	
		<i>Type</i>	D0003026	440.25	441.25	1.00	0.40	0.403	-	-	
		I3 Felsic_intrusive	D0003027	441.25	442.15	0.90	0.45	0.449	-	-	
		QLF: FRA GS1 FOL	D0003028	442.15	443.15	1.00	0.45	0.448	-	-	
		Felsic Dyle; lt-med grey; aphanitic- FG; wk-mod FG bio alteration throughout; 2% 5-15mm smokey qtz veins predominantly @ 20 TCA; trace sulphides assoc w/ veining; locally heavily fractured/rubbed; mod fol @ LCT @ 60 TCA	D0003029	443.15	444.15	1.00	0.42	0.418	-	-	
			D0003030	444.15	445.15	1.00	0.90	0.897	-	-	
		Alteration : <i>Type/Intensity/Texture</i>	D0003031	445.15	446.15	1.00	0.41	0.408	-	-	
		BIO 2 PRV									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
446.15	452.65	Feature 1	D0003033	446.15	447.00	0.85	0.09	0.089	-	-	
		Type	D0003034	447.00	448.00	1.00	0.05	0.052	-	-	
		I1 Mafic_intrusive	D0003035	448.00	449.00	1.00	0.46	0.464	-	-	
		QLF: GS1 FOL	D0003036	449.00	450.00	1.00	0.22	0.218	-	-	
		Mafic Dyke (Possible E1H); Black/Dark Grey; VFG; mod fol @ 50 TCA; 2% qtz-calcite veining @ multiple predominantly low angle orientations; fragment of I3f fom 452.2-452.4 m; LCT @ 40 TCA	D0003037	450.00	451.00	1.00	0.50	0.500	-	-	
			D0003038	451.00	451.70	0.70	0.61	0.609	-	-	
			D0003039	451.70	452.20	0.50	0.08	0.081	-	-	
		Alteration : Type/Intensity/Texture	D0003040	452.20	452.65	0.45	0.06	0.060	-	-	
		CHL 2 PRV									
452.65	501.25	Feature 1	D0003041	452.65	453.45	0.80	0.24	0.241	-	-	
		Type	D0003043	453.45	454.45	1.00	0.36	0.362	-	-	
		I3 Felsic_intrusive	D0003044	454.45	454.90	0.45	0.22	0.217	-	-	
		QLF: FRA GS1 FOL	D0003045	454.90	455.85	0.95	0.30	0.304	-	-	
		Felsic Dyle; lt-med grey; aphanitic- FG; wk-mod FG bio alteration throughout; 2% 5-15mm smokey qtz veins predominantly @ 20 TCA; veinging strengthing from 504.95-LCT; trace sulphides assoc w/ veining; locally heavily fractured/rubbled; mod fol @ LCT @ 60 TCA	D0003046	455.85	456.75	0.90	0.32	0.317	-	-	
			D0003048	456.75	457.40	0.65	0.38	0.375	-	-	
			D0003049	457.40	458.20	0.80	0.47	0.467	-	-	
			D0003050	458.20	459.00	0.80	0.37	0.369	-	-	
		Alteration : Type/Intensity/Texture	D0003051	459.00	460.00	1.00	0.33	0.334	-	-	
		BIO 2 PRV	D0003052	460.00	461.00	1.00	0.48	0.483	-	-	
			D0003053	461.00	462.00	1.00	0.42	0.422	-	-	
			D0003054	462.00	463.00	1.00	0.79	0.789	-	-	
			D0003055	463.00	464.00	1.00	0.52	0.516	-	-	
			D0003056	464.00	465.00	1.00	0.01	0.011	-	-	
			D0003057	465.00	466.00	1.00	0.49	0.488	-	-	
			D0003058	466.00	467.00	1.00	0.23	0.234	-	-	



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			D0003059	467.00	468.00	1.00	0.62	0.624	-	-	
			D0003060	468.00	469.00	1.00	0.48	0.478	-	-	
			D0003061	469.00	469.90	0.90	0.51	0.508	-	-	
			D0003063	469.90	470.85	0.95	0.44	0.437	-	-	
			D0003064	470.85	471.35	0.50	0.53	0.533	-	-	
			D0003066	471.35	472.00	0.65	0.25	0.254	-	-	
			D0003067	472.00	472.90	0.90	0.38	0.380	-	-	
			D0003068	472.90	473.90	1.00	0.36	0.359	-	-	
			D0003069	473.90	474.75	0.85	0.39	0.387	-	-	
			D0003070	474.75	475.75	1.00	0.48	0.476	-	-	
			D0003072	475.75	476.50	0.75	0.42	0.424	-	-	
			D0003073	476.50	477.40	0.90	0.23	0.233	-	-	
			D0003074	477.40	478.05	0.65	0.25	0.249	-	-	
			D0003075	478.05	478.50	0.45	0.31	0.314	-	-	
			D0003076	478.50	479.35	0.85	0.07	0.073	-	-	
			D0003077	479.35	480.35	1.00	0.20	0.199	-	-	
			D0003078	480.35	481.30	0.95	0.40	0.404	-	-	
			D0003079	481.30	482.05	0.75	0.68	0.684	-	-	
			D0003081	482.05	483.00	0.95	0.98	0.984	-	-	
			D0003082	483.00	483.90	0.90	0.63	0.625	-	-	
			D0003083	483.90	484.90	1.00	0.97	0.966	-	-	
			D0003084	484.90	485.35	0.45	0.13	0.133	-	-	
			D0003085	485.35	486.00	0.65	1.91	1.910	-	-	
			D0003087	486.00	486.60	0.60	3.75	3.750	-	-	
			D0003088	486.60	487.40	0.80	3.75	3.750	-	-	
			D0003089	487.40	487.85	0.45	0.78	0.777	-	-	
			D0003090	487.85	488.85	1.00	0.52	0.515	-	-	



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			D0003091	488.85	489.85	1.00	0.45	0.449	-	-	
			D0003092	489.85	490.65	0.80	0.95	0.947	-	-	
			D0003094	490.65	491.50	0.85	1.16	1.160	-	-	
			D0003095	491.50	492.35	0.85	0.42	0.415	-	-	
			D0003096	492.35	493.15	0.80	0.28	0.279	-	-	
			D0003097	493.15	493.75	0.60	1.13	1.130	-	-	
			D0003098	493.75	494.40	0.65	0.46	0.463	-	-	
			D0003099	494.40	494.90	0.50	0.91	0.912	-	-	
			D0003100	494.90	495.65	0.75	1.34	1.340	-	-	
			D0003101	495.65	496.25	0.60	0.46	0.461	-	-	
			D0003102	496.25	496.75	0.50	0.65	0.646	-	-	
			D0003103	496.75	497.65	0.90	1.68	1.680	-	-	
			D0003105	497.65	498.50	0.85	1.08	1.080	-	-	
			D0003106	498.50	499.35	0.85	0.73	0.727	-	-	
			D0003107	499.35	499.65	0.30	0.46	0.457	-	-	
			D0003108	499.65	500.65	1.00	0.66	0.660	-	-	
			D0003109	500.65	501.65	1.00	0.84	0.843	-	-	
501.25	512.15	Feature 1	D0003110	501.65	502.65	1.00	0.31	0.314	-	-	
		Type	D0003111	502.65	503.65	1.00	0.44	0.440	-	-	
		Dyke % Thickness Colour Vein	D0003112	503.65	504.35	0.70	0.28	0.278	-	-	
		I1 Mafic_intrusive □ 0 0	D0003113	504.35	504.90	0.55	0.26	0.263	-	-	
		QLF: FRA GS0	D0003114	504.90	505.50	0.60	0.61	0.610	-	-	
		Mafic Dyke (Possible E1H); Black/Dark Grey; VFG; heavily fractures @ multiple orientations including sub-// TCA; 1 m ground core within dyke; very broken up core; LCT @ 35 TCA	D0003116	505.50	506.30	0.80	0.37	0.372	-	-	
			D0003117	506.30	507.30	1.00	0.56	0.561	-	-	
		Structure:	D0003118	507.30	507.75	0.45	1.61	1.610	-	-	
		505.50 - 506.30 Alpha: 20 Beta: 0	D0003119	507.75	508.50	0.75	0.69	0.691	-	-	
		Type/GEN/Intensity CA1: CA2:	D0003121	508.50	509.25	0.75	0.54	0.535	-	-	
		V2 2 15 25									



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			D0003122	509.25	510.40	1.15	0.82	0.816	-	-													
			D0003123	510.40	512.15	1.75	0.01	0.014	-	-													
512.15	514.40	Feature 1	D0003124	512.15	513.00	0.85	9.48	9.480	-	-													
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0			D0003125	513.00	514.00	1.00	0.73	0.727	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																				
		<p>QLF: GS1 FOL</p> <p>Felsic Dyle; lt-med grey; aphanitic- FG; wk bio alteration throughout; 1% 5-15mm smokey qtz veins predominantly @ 35 TCA; mod fol @ 50 TCA; LCT @ 80 TCA</p>	D0003126	514.00	514.40	0.40	0.64	0.642	-	-													
		<p>Alteration : Type/Intensity/Texture</p> <p>BIO 2 PRV</p>																					
514.40	514.80	Feature 1	D0003127	514.40	514.80	0.40	0.82	0.824	-	-													
		<table border="0"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0											
Type	Dyke	%	Thickness	Colour	Vein																		
I1 Mafic_intrusive	<input type="checkbox"/>	0	0																				
		<p>QLF:</p> <p>Mafic Dyke (Possible E1H); Black/Dark Grey; VFG; massive; LCT @ 60 TCA</p>																					
		<p>Alteration : Type/Intensity/Texture</p> <p>AMP</p> <p>SIL</p> <p>BIO</p>																					



LITHOLOGY REPORT

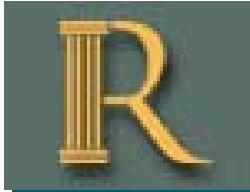
- Detailed -

Hole Number **610L-17-22**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
514.80	517.80	Feature 1	D0003128	514.80	515.80	1.00	0.58	0.584	-	-
		Type	D0003130	515.80	516.80	1.00	0.63	0.631	-	-
		I3 Felsic_intrusive	D0003131	516.80	517.80	1.00	0.00	<0.005	-	-
		Dyke <input type="checkbox"/> % 90 Thickness 0 Colour Vein								
		QLF: GS1 FOL								
		Felsic Dyle; lt-med grey; aphanitic- FG; wk bio alteration throughout; 10% 1-7 m smokey qtz veins predominantly @ 15-20 TCA w/ trace-2% Po mineralization; mod fol @ 60 TCA; LCT @ 15 TCA								
		Alteration : Type/Intensity/Texture								
		BIO 2 PRV								
		Feature 2:								
		Type								
		V2 Quartz_vein								
		Dyke <input type="checkbox"/> % 10 Thickness 0 Colour Vein								
		QLF: GS1 FOL								
517.80	521.00	Feature 1	D0003132	517.80	518.65	0.85	0.04	0.042	-	-
		Type	D0003133	518.65	519.50	0.85	0.11	0.105	-	-
		I1 Mafic_intrusive	D0003134	519.50	520.00	0.50	0.05	0.046	-	-
		Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein	D0003135	520.00	521.00	1.00	0.02	0.020	-	-
		QLF: GS0 MAS								
		Mafic Dyke (Possible E1A); Dark Grey/Black; VFG; massive; hairline fractures & veinlets @ multiple discordant orientations; EOH @ 521 m								



DRILL HOLE REPORT

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 120.34	Length: 0	Dimension: NQ	Township: Bateman	Logged by: R. Dutka
Dip: 0.66	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 574	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 14-Oct-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 14-Oct-17				Surveyed: yes
Logged: 03-Nov-17				Surveyed by: Mark Cottrell
Comment: Good mineralized zone encountered in High-Ti Basalt from 449 to 451.8 m containing V2_BX veining and 10-15% po-py mineralization.				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10042.316	East: 448147.94	Left in hole:
		North: 49929.51	North: 5663883.08	Making water:
		Elev.: 4763.148	Elev.: -236.85	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	120.34	0.66	C	<input type="checkbox"/>	
0.00	120.34	0.66	C	<input checked="" type="checkbox"/>	
10.00	120.04	-0.31	Gyro	<input checked="" type="checkbox"/>	
15.00	122.50	-0.35	DeviSh ot	<input type="checkbox"/>	
20.00	119.84	-0.56	Gyro	<input checked="" type="checkbox"/>	
30.00	119.78	-0.96	Gyro	<input checked="" type="checkbox"/>	
40.00	120.00	-1.34	Gyro	<input checked="" type="checkbox"/>	
50.00	120.34	-1.45	Gyro	<input checked="" type="checkbox"/>	
51.00	122.70	-1.54	DeviSh ot	<input type="checkbox"/>	
60.00	120.47	-1.75	Gyro	<input checked="" type="checkbox"/>	
70.00	120.63	-1.89	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.00	120.73	-1.98	Gyro	<input checked="" type="checkbox"/>	
90.00	121.13	-2.15	Gyro	<input checked="" type="checkbox"/>	
96.00	126.16	-2.47	DeviSh ot	<input type="checkbox"/>	suspect.....deleted
100.00	121.31	-2.34	Gyro	<input checked="" type="checkbox"/>	
102.00	122.77	-2.54	DeviSh ot	<input type="checkbox"/>	
110.00	121.73	-2.55	Gyro	<input checked="" type="checkbox"/>	
120.00	121.92	-2.86	Gyro	<input checked="" type="checkbox"/>	
130.00	122.20	-3.17	Gyro	<input checked="" type="checkbox"/>	
140.00	122.31	-3.42	Gyro	<input checked="" type="checkbox"/>	
150.00	116.59	-3.87	DeviSh ot	<input type="checkbox"/>	suspect.....deleted
150.00	122.38	-3.62	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-23

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
160.00	122.41	-3.94	Gyro	<input checked="" type="checkbox"/>	
170.00	122.72	-4.16	Gyro	<input checked="" type="checkbox"/>	
180.00	122.89	-4.42	Gyro	<input checked="" type="checkbox"/>	
190.00	122.39	-4.65	Gyro	<input checked="" type="checkbox"/>	
200.00	121.95	-4.58	Gyro	<input checked="" type="checkbox"/>	
201.00	119.59	-4.83	DeviSh ot	<input type="checkbox"/>	
210.00	121.85	-4.82	Gyro	<input checked="" type="checkbox"/>	
220.00	121.67	-5.00	Gyro	<input checked="" type="checkbox"/>	
230.00	121.41	-5.39	Gyro	<input checked="" type="checkbox"/>	
240.00	121.45	-5.54	Gyro	<input checked="" type="checkbox"/>	
250.00	121.46	-5.64	Gyro	<input checked="" type="checkbox"/>	
252.00	120.57	-6.07	DeviSh ot	<input type="checkbox"/>	
260.00	121.74	-5.54	Gyro	<input checked="" type="checkbox"/>	
270.00	122.22	-5.43	Gyro	<input checked="" type="checkbox"/>	
280.00	122.82	-5.22	Gyro	<input checked="" type="checkbox"/>	
290.00	123.34	-5.27	Gyro	<input checked="" type="checkbox"/>	
300.00	124.50	-5.76	DeviSh ot	<input type="checkbox"/>	
300.00	123.73	-5.39	Gyro	<input checked="" type="checkbox"/>	
310.00	123.97	-5.47	Gyro	<input checked="" type="checkbox"/>	
320.00	124.00	-5.52	Gyro	<input checked="" type="checkbox"/>	
330.00	124.13	-5.59	Gyro	<input checked="" type="checkbox"/>	
340.00	124.37	-5.56	Gyro	<input checked="" type="checkbox"/>	
350.00	124.65	-5.58	Gyro	<input checked="" type="checkbox"/>	
351.00	127.20	-5.71	DeviSh ot	<input type="checkbox"/>	
360.00	125.06	-5.60	Gyro	<input checked="" type="checkbox"/>	
370.00	125.28	-5.67	Gyro	<input checked="" type="checkbox"/>	
380.00	125.47	-5.80	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
402.00	126.76	-6.12	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	127.57	-6.11	DeviSh ot	<input checked="" type="checkbox"/>	
501.00	129.65	-5.15	DeviSh ot	<input checked="" type="checkbox"/>	
552.00	129.81	-4.78	DeviSh ot	<input checked="" type="checkbox"/>	
574.00	130.23	-3.92	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
0.00	40.75	Feature 1																			
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: SHD FLT GS1</p> <p>Sheared/Faulted Talc zone; dark blue/grey; aphanitic-VFG: mod-strong shearing with localized complete gouging; ~10% carb veining // to S1; barren</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="margin-left: 40px;">CB 2 VND</p> <p style="margin-left: 40px;">TLC 3 PRV</p> <p>Structure:</p> <p>0.00 - 40.75 Alpha: 60 Beta: 0</p> <table style="margin-left: 20px; border: none;"> <tr> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> </tr> <tr> <td></td> <td style="text-align: center;">FLT 3</td> <td style="text-align: center;">55</td> <td style="text-align: center;">65</td> </tr> <tr> <td></td> <td style="text-align: center;">SHD 3</td> <td style="text-align: center;">55</td> <td style="text-align: center;">65</td> </tr> </table>		Type/GEN/Intensity	CA1:	CA2:		FLT 3	55	65		SHD 3	55	65							
	Type/GEN/Intensity	CA1:	CA2:																		
	FLT 3	55	65																		
	SHD 3	55	65																		
40.75	93.05	Feature 1																			
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: FTB FRA GS1</p> <p>Talc-Altered Ultramafic; Dark Blue/Grey; Aphanitic-VFG; moderate S1 fol @ 60 TCA; mod-strong flow top brx texture throughout creating curvilinear fractures showing wk-moderate gouge // to S1 + multiple discordant orientations; wk carb infilling along fractures; barren</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="margin-left: 40px;">TLC 2 PRV</p> <p>Structure:</p>																			



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	75.85 - 78.00	Alpha: 55 Beta: 0 Type/GEN/Intensity FLT 4								
93.05	97.00	Feature 1								
		Type								
		I0E Lamprophyre								
		QLF: GS1 FOL								
		Lamp Dyke; Black; Aphanitic-VFG; mod fol @ 45 TCA; moderately fractures @ multiple orientations; mod-strong magnetism; strong carb content; LCT @ 50 TCA								
		Alteration :								
		Type/Intensity/Texture								
		CB 3 PRV								
97.00	97.75	Feature 1								
		Type								
		E0T Talc_rich_unit								
		QLF: FTB GS1								
		Talc-Altered Ultramafic; Dark Blue/Grey; Aphanitic-VFG; moderate S1 fol @ 60 TCA; mod-strong flow top brx texture @ multiple discordant orientations; wk carb infilling along fractures; barren; LCT @ 60 TCA								
		Alteration :								
		Type/Intensity/Texture								
		TLC 2 PRV								
97.75	103.45	Feature 1								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
		<p style="text-align: center;">Type</p> <p>I0E Lamprophyre</p> <p>QLF: GS1 FOL</p> <p>Lamp Dyke; Black; Aphanitic-VFG; mod fol @ 45 TCA; moderately fractures @ multiple orientations; mod-strong magnetism; strong carb content; LCT @ 50 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>CB 2 PRV</p>																				
103.45	122.80	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: GS1 ALT</p> <p>Talc-Altered Ultramafic; Dark Blue/Grey; Aphanitic-VFG; moderate S1 fol @ 60 TCA; weak localized flow top brx texture moderate shearing from 109.85 to 111.05 m @ 65 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 2 PRV</p> <p>Structure:</p> <p>109.85 - 111.05 Alpha: 65 Beta: 0</p> <table style="margin-left: 40px;"> <tr> <td></td> <td style="text-align: center;">Type/GEN/Intensity</td> <td style="text-align: center;">CA1:</td> <td style="text-align: center;">CA2:</td> </tr> <tr> <td></td> <td>V3 2</td> <td style="text-align: center;">60</td> <td style="text-align: center;">70</td> </tr> <tr> <td></td> <td>SHD 3</td> <td style="text-align: center;">60</td> <td style="text-align: center;">70</td> </tr> </table>		Type/GEN/Intensity	CA1:	CA2:		V3 2	60	70		SHD 3	60	70								
	Type/GEN/Intensity	CA1:	CA2:																			
	V3 2	60	70																			
	SHD 3	60	70																			
122.80	126.59	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p style="text-align: center;">Dyke % Thickness Colour Vein</p>																				



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 BNM QLF: ALT FOL FRA Mafic Dyke: Med-grained, dark brownish- green with scattered bio laths, strong banded to patchy bio-chl alteration throughout defining a moderate to well developed foliation fabric @ 60-65 tca , minor (<1%) whitish calcite str @ 25 to 35 tca, no significant mineralization, moderate fracturing @ 55 to 70 tca (1-2/m) and 35-45 tca (<1/m), sharp contacts @ 60 and 70 tca. Alteration : <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CHL</td> <td>2 BAN</td> </tr> <tr> <td>SIL</td> <td>1 PRV</td> </tr> <tr> <td>BIO</td> <td>3 BAN</td> </tr> </table> Structure: 122.80 - 126.59 Alpha: 60 Beta: 0 <table style="margin-left: 20px;"> <tr> <td>Type/GEN/Intensity</td> <td>CA1:</td> <td>CA2:</td> </tr> <tr> <td>FRA 2</td> <td>55</td> <td>70</td> </tr> <tr> <td>FOL</td> <td>60</td> <td>65</td> </tr> </table>	Type/Intensity/Texture		CHL	2 BAN	SIL	1 PRV	BIO	3 BAN	Type/GEN/Intensity	CA1:	CA2:	FRA 2	55	70	FOL	60	65								
Type/Intensity/Texture																											
CHL	2 BAN																										
SIL	1 PRV																										
BIO	3 BAN																										
Type/GEN/Intensity	CA1:	CA2:																									
FRA 2	55	70																									
FOL	60	65																									
126.59	222.06	Feature 1 <table style="margin-left: 20px;"> <tr> <td>Type</td> <td>Dyke</td> <td>%</td> <td>Thickness</td> <td>Colour</td> <td>Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td><input type="checkbox"/></td> <td>98</td> <td>0</td> <td>GYM</td> <td>S</td> </tr> </table> QLF: ALT FTB SPN Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured with local rubbly breccia textures (flow top breccia), minor local spinifex texture from 134 to 138 m and possible pillow selveges observed lower in the unit, strong pervassive chl alteration and patchy moderate to strong talc alteration which increases downhole to sections of pervassive talc alteration (becomes a lighter grey colour with a pitted surface), minor veining consist of 1-2% irregular/ fragmented/boudinaged/ folded qtz-carb str/vnlts which are parallel to the local foliation/fracture orientation @ 60 to 80 tca, moderate fracturing @ 50-80 tca (2-3/m) and 25-35 tca (<1/m), broken core throughout with some sections highly fractured up with minor ground core, no visible mineralization, sharp lower contact with Mafic Dyke @ 60 tca. Alteration : <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM	S	Type/Intensity/Texture												
Type	Dyke	%	Thickness	Colour	Vein																						
E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM	S																						
Type/Intensity/Texture																											



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		SRP 1 LOC									
		TLC 3 PCH									
		CHL 3 PRV									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	S				
		QLF: ALT FTB SPN									
222.06	223.44	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	GND					
		QLF: ALT MAS FRA									
		Mafic Dyke: Fine-grained, dark green colour, massive textured with moderate fracturing @ 35-40 tca (1-2/m) and 75-80 tca (1-2/m), no significant veining or mineralization, upper contact @ 60 tca, lower contact broken.									
		Alteration :									
		Type/Intensity/Texture									
		BIO 1 PCH									
		CHL 3 PRV									
223.44	253.37	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM	S				
		QLF: ALT FRA FTB									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured with local rubbly breccia textures (flow top breccia), strong pervassive chl alteration and patchy moderate talc alteration which decreases downhole becoming predominately chl rich, minor veining consist of 1-2% planar/ fragmented/boudinaged/ folded qtz-carb strs/thrds which are parallel to the local foliation/fracture fabric @ 70 to 80 tca, moderate fracturing @ 60-80 tca (2-3/m) and 25-35 tca (<1/m), broken core throughout with some sections becoming highly fractured up, no visible mineralization, gradational lower contact with Interflow Volacanic Metasediments @ 70 tca.

Alteration :

Type/Intensity/Texture		
BIO	1	LOC
TLC	2	PCH
CHL	3	PRV

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	S

QLF: ALT FRA FTB

253.37 259.68 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND	

QLF: ALT BAN FRA

basaltic komatiite (Volcanic Metasediments?): Fine-grained, banded / foliated @ 60-80 tca, (interflow metasediments occur as fine-grained laminations on mm to cm scale), strong chl alteration, moderate fracturing parallel to foliation/banding fabric @ 60-70 tca (2-3/m) and 35-45 tca (<1/m), no significant mineralization, veining occurs as thin crosscutting fracture infilling qtz-carb-calcite strs/threads @ 40-45 tca , lower contact with Komatiitic Basalt somewhat gradational @ 50 tca.

Alteration :

Type/Intensity/Texture		
BIO	1	BAN



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

CHL 3 BAN

259.68 269.50 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B Komatiitic_basalt	☐	98	0	GYM	S

QLF: ALT MAS FRA

Komatiitic Basalt: Fine to med-grained, dark greenish-grey colour, massive textured with local rubbly breccia textures (flow top breccia), minor local spinifex texture from 266 to 267 m, strong pervasive chl alteration and patchy moderate talc alteration, minor veining consist of 1-2% planar/ fragmented/boudinaged/ folded qtz-carb strrs/thrds @ 55 to 80 tca, moderate fracturing @ 50-80 tca (2-3/m) and 25-35 tca (<1/m), broken core throughout with some sections highly fractured up, no visible mineralization, sharp lower contact with Mafic Dyke @ 70 tca.

Alteration :

Type/Intensity/Texture
TLC 2 PCH
CHL 3 PRV

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V3 Quartz_carbonate vein	☐	0	0	WHT	S

QLF: ALT MAS FRA

269.50 269.94 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
------	------	---	-----------	--------	------



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		I1 Mafic_intrusive <input checked="" type="checkbox"/> 0 0 GND QLF: MAS GS1 Mafic Dyke: Fine-grained, dark green colour, massive textured, no significant veining or mineralization, upper contact @ 70 tca, lower contact @ 20 tca. Alteration : Type/Intensity/Texture AMP CHL 3 PRV																		
269.94	273.05	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> QLF: ALT FTB FRA Komatiitic Basalt: As above, fine-grained, dark greenish-grey colour, massive textured with local rubbly breccia textures (flow top breccia), strong pervassive chl alteration and patchy moderate talc alteration, moderate fracturing @ 45-55 tca (1-2/m) and 15-25 tca curvilinear fractures (<1/m), no visible mineralization or veining, sharp lower contact with Mafic Dyke @ 75 tca. Alteration : Type/Intensity/Texture AMP TLC 2 PCH CHL 3 PRV	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																
273.05	282.65	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">90</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input checked="" type="checkbox"/>	90	0	GND							
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input checked="" type="checkbox"/>	90	0	GND																



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																
		<p>QLF: ALT MAS FRA</p> <p>Mafic Dyke: Fine-grained, dark green colour, massive textured, moderate fracturing @ 10-20 tca (1/m) and 40 to 60 tca (1-2/m) with white calcite threads infilling fracturing) no significant veining or mineralization, several Komatiite Basalt inclusions within the Mafic Dyke locally up to 1 m wide, upper contact @ 75 tca, lower contact @ 55 tca.</p> <p>Alteration :</p> <table style="margin-left: 20px;"> <tr> <td colspan="2">Type/Intensity/Texture</td> </tr> <tr> <td>CBC</td> <td>1 VND</td> </tr> <tr> <td>SIL</td> <td>1 PCH</td> </tr> <tr> <td>CHL</td> <td>3 PRV</td> </tr> </table>	Type/Intensity/Texture		CBC	1 VND	SIL	1 PCH	CHL	3 PRV																	
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Type	Dyke	%	Thickness	Colour	Vein																						
E0B Komatiitic_basalt	<input checked="" type="checkbox"/>	10	0	GYL																							
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TLC	3 PCH																										
282.65	436.50	<p>Feature 1</p> <table style="margin-left: 20px;"> <thead> <tr> <th>Type</th> <th>Dyke</th> <th>%</th> <th>Thickness</th> <th>Colour</th> <th>Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FRA</p> <p>Komatiitic Basalt: Fine-grained, greyish-green colour, massive textured with local flow top breccia features/ pillow selvages and minor local spinifex textures (from 295 to 296 m), talc alteration varies in intensity throughout the unit from weak patchy talc to strong pervassive talc alteration and moderate to strong chl alteration, moderate fracturing @ 45-55 tca (1-2/m), 60-80 tca (1-2/m) and 15-25 tca curvilinear fractures (<1/m), no significant mineralization or veining, (from 406.5 to 416 m consist of stong talc-chl altered with fine-grained banding on mm scale that defines a moderately developed foliation fabric @ 30 to 45 tca with local crenulation folding parallel to the core axis displaying a fold hinge from 410 to 413 m), lower contact with strong shear zone developed within the Komatiite @ 10-20 tca.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM		D0001832	436.00	437.00	1.00	0.00	<0.005	-	-					
Type	Dyke	%	Thickness	Colour	Vein																						
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM																							



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
		Alteration :	Type/Intensity/Texture									
			AMP									
			CHL 2 PRV									
			TLC 3 PRV									
		Structure:										
		406.50 - 416.00	Alpha: 35		Beta: 0							
			Type/GEN/Intensity		CA1: CA2:							
			FLD		5 10							
			FOL 2		30 45							
436.50	443.94	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	□	80	0	GYL	S					
		QLF: ALT SHD VND										
		Komatiitic Basalt/Shear Zone: Highly sheared, light grey colour, strong pervasive talc-chl alteration with strongly developed shear fabric @ 10-20 tca containing 15-20% boudinaged/fragmented/folded qtz-carb str parallel to shear fabric @ 15 to 30 tca, weak fracturing @ 20-50 tca (1-2/m), no visible mineralization, lower contact with High-Ti Basalt @ 65 tca.										
			D0001833	437.00	438.00	1.00	0.00	<0.005	-	-		
			D0001834	438.00	439.00	1.00	0.01	0.006	-	-		
			D0001836	439.00	440.00	1.00	0.00	<0.005	-	-		
			D0001837	440.00	441.00	1.00	0.00	<0.005	-	-		
			D0001838	441.00	442.00	1.00	0.00	<0.005	-	-		
			D0001840	442.00	443.00	1.00	0.03	0.029	-	-		
			D0001841	443.00	443.94	0.94	0.01	0.012	-	-		
		Alteration :	Type/Intensity/Texture									
			CHL 2 PRV									
			TLC 3 PRV									
		Structure:										
		443.93 - 443.94	Alpha: 65		Beta: 0							
			Type/GEN/Intensity		CA1: CA2:							
			CT									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)																																																																																																																																																																																																																																																																																				
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Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
444.25	449.03	Feature 1	D0001843	444.25	445.00	0.75	0.02	0.019	-	-	
		Type	D0001844	445.00	445.50	0.50	0.03	0.027	-	-	
		I3 Felsic_intrusive	D0001845	445.50	446.00	0.50	0.02	0.020	-	-	
		DLF: ALT VND MIN	D0001847	446.00	446.50	0.50	0.01	0.013	-	-	
		Felsic Dyke: Fine-grained, mottled brownish-green colour, strong pervasive silica alteration and moderate to strong patchy bio, massive textured with moderate micro-fracturing, 5-10% planar to fragmented greyish-white to white sil'd qtz-carb-act strs @ 15 to 35 tca and 45 to 55 tca, and from 447 to 447.20 m there is a 20 cm wide qtz-carb-act breccia vein (V2_BX) @ 45-55 tca containing Felsic Dyke fragments, weak fracturing @ 50 to 60 tca (1-2/m) with chl-sericite+/- py infilling fracture planes, 1-2% fine-gr disseminated py-po., sharp upper contact @ 60 tca and sharp lower contact with mineralized High-Ti Basalt @ 88 tca.	D0001848	446.50	447.00	0.50	0.02	0.018	-	-	
			D0001849	447.00	447.40	0.40	0.03	0.028	-	-	
			D0001850	447.40	448.00	0.60	0.03	0.027	-	-	
			D0001851	448.00	448.50	0.50	0.03	0.030	-	-	
			D0001852	448.50	449.03	0.53	0.08	0.076	-	-	
		Alteration :									
		Type/Intensity/Texture									
		CHL 2 FF									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
		447.00 - 447.20 Alpha: 50 Beta: 0									
		Type/GEN/Intensity									
		V2_BX 3									
		449.02 - 449.03 Alpha: 88 Beta: 0									
		Type/GEN/Intensity									
		CD 3									
		Mineralization Maj. :									
		Type/GSZ%/HABIT									
		444.25 - 449.03 PY GS1 1 DIS									
		444.25 - 449.03 PO GS1 1 DIS									
		Comment									
		Felsic Dyke: 1-2% fine-gr disseminated py-po.									
		Felsic Dyke: 1-2% fine-gr disseminated py-po.									
		Feature 2:									
		Type									
		V2A Quartz_carb_actinolite_vein									
		Dyke									
		<input checked="" type="checkbox"/>									
		%									
		10									
		Thickness									
		0									
		Colour									
		WHT									
		Vein									
		S									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		QLF: ALT VND MIN									
		Alteration : Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
449.03	451.80	Feature 1	D0001853	449.03	449.30	0.27	0.70	0.703	-	-	
		Type	D0001854	449.30	449.70	0.40	1.41	1.410	-	-	
		E1H High_titanium_basalt	D0001855	449.70	450.30	0.60	25.76	>10.000	25.76	-	
		QLF: ALT MIN VND	D0001857	450.30	450.90	0.60	36.52	>10.000	36.52	-	
		High-Ti Basalt (Veined and Mineralized): Fine-grained, dark brownish-green colour, massive textured to weakly foliated @ 25 to 40 tca, strong pervasive silica-bio-chl-act alteration throughout the unit, weak fracturing @ 35-45 tca (<1/m), 15-20% planar to boudinaged/fragmented qtz-carb-act str/breccia veins/vnlts (V2_BX) @ 25 to 45 tca (ranging from 5 to 28 cm wide), up to 10-15% fine-gr dissemin to semi-massive blebs/strs of po-py concentrated within the Basalt host rock proximal to veining (sulphide str/blebs orientated parallel to veining @ 25-35 tca) , minor narrow 1 cm wide qtz-carb-act str @ 50 & 70-75 tca, weakly magnetitic throughout, lower contact with Komatiitic Basalt sharp @ 58 tca.	D0001859	450.90	451.80	0.90	8.99	8.990	-	-	
		Alteration : Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									
		BIO 3 PRV									
		Structure:									
449.10 - 449.24		Alpha: 45									
		Type/GEN/Intensity									
		V2_BX 3									
		Beta: 0									
		CA1: CA2:									
		45 50									
450.30 - 450.80		Alpha: 30									
		Type/GEN/Intensity									
		V2_BX									
		Beta: 0									
		CA1: CA2:									
		25 40									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
	451.15 - 451.46	Alpha: 45 Type/GEN/Intensity V2_BX									
		Beta: 0 CA1: CA2: 40 50									
	451.78 - 451.79	Alpha: 50 Type/GEN/Intensity CS 3									
		Beta: 0 CA1: CA2: 45 50									
		Mineralization Maj. : Type/GSZ%/HABIT									
	449.03 - 451.80	PY GS1 5 DIS									
		Comment									
		High-Ti Basalt (Veined and Mineralized): up to 10-15% fine-gr disseminated blebs/strs of po-py concentrated within the Basalt host rock proximal to veining (sulphide str/blebs orientated parallel to veining @ 25-35 tca).									
	449.03 - 451.80	PO GS1 10 STR									
		Comment									
		High-Ti Basalt (Veined and Mineralized): up to 10-15% fine-gr disseminated blebs/strs of po-py concentrated within the Basalt host rock proximal to veining (sulphide str/blebs orientated parallel to veining @ 25-35 tca).									
		Feature 2:									
		Type									
	V2_BX	Quartz_Vein_with_Fragments									
		Dyke									
		<input type="checkbox"/>									
		%									
		20									
		Thickness									
		0									
		Colour									
		GYM									
		Vein									
		X									
		QLF: ALT MIN VND									
		Alteration :									
		Type/Intensity/Texture									
		AC 2 VND									
		SIL 3 PRV									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
451.80	459.38	Feature 1	D0001860	451.80	452.50	0.70	0.71	0.708	-	-
		Type	D0001861	452.50	453.50	1.00	0.03	0.031	-	-
		E0B Komatiitic_basalt	D0001862	453.50	454.50	1.00	0.00	<0.005	-	-
		QLF: ALT SHD MAS	D0001864	454.50	455.50	1.00	0.00	<0.005	-	-
		Komatiitic Basalt/Shear Zone: Sheared but becoming massive textured downhole, light grey colour, strong pervassive talc-chl alteration with moderately developed shear fabric @ 40 to 45 tca which decreases downhole becoming massive textured from 454 m onward, unit contains 1-2% boudinaged/fragmented/folded qtz-carb strrs parallel to shear fabric @ 45 to 55 tca, weak fracturing @ 45-55 tca (1-2/m), no visible mineralization, lower contact with Mafic Dyke sharp @ 55 tca.	D0001865	455.50	456.50	1.00	0.00	<0.005	-	-
			D0001866	456.50	457.50	1.00	0.00	<0.005	-	-
			D0001867	457.50	458.50	1.00	0.02	0.018	-	-
			D0001868	458.50	459.38	0.88	0.00	<0.005	-	-
		Alteration :								
		Type/Intensity/Texture								
		AMP								
		CHL 2 PRV								
		TLC 3 PRV								
		Structure:								
	451.80 - 454.00	Alpha: 40								
		Type/GEN/Intensity								
		SHD								
		Beta: 0								
		CA1: CA2:								
		40 45								
	459.37 - 459.38	Alpha: 55								
		Type/GEN/Intensity								
		CD								
		Beta: 0								
		CA1: CA2:								
		Feature 2:								
		Type								
		V3 Quartz_carbonate vein								
		QLF: ALT SHD MAS								
		Dyke								
		%								
		Thickness								
		Colour								
		Vein								
		0 WHT S								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
459.38	460.72	Feature 1	D0001869	459.38	460.00	0.62	0.01	0.011	-	-	
		Type	D0001870	460.00	460.72	0.72	0.00	<0.005	-	-	
		I1 Mafic_intrusive									
		Dyke <input checked="" type="checkbox"/>									
		% 0									
		Thickness 0									
		Colour GND									
		Vein									
		QLF: ALT MAS FRA									
		Mafic Dyke: Fine-grained, dark green colour, massive textured, moderate fracturing @ 35 to 55 tca (1/m) with white calcite threads infilling fracturing, no significant veining or mineralization, upper contact @ 55 tca, lower contact @ 85 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		CBC 1 FF									
		CHL 3 PRV									
		Structure:									
		460.71 - 460.72									
		Alpha: 85									
		Beta: 0									
		Type/GEN/Intensity									
		CD									
		CA1:									
		CA2:									
460.72	464.23	Feature 1	D0001871	460.72	461.50	0.78	0.00	<0.005	-	-	
		Type	D0001872	461.50	462.50	1.00	0.00	<0.005	-	-	
		E0B Komatiitic_basalt	D0001873	462.50	463.50	1.00	0.00	<0.005	-	-	
		Dyke <input type="checkbox"/>	D0001874	463.50	464.23	0.73	0.00	<0.005	-	-	
		% 0									
		Thickness 0									
		Colour GYL									
		Vein									
		QLF: ALT MAS FRA									
		Komatiitic Basalt: Fine-grained, light greyish-green colour, massive textured, talc alteration varies in intensity throughout the unit from weak patchy talc to strong pervassive talc alteration and moderate to strong chl alteration, weak fracturing @ 45-65 tca (1-2/m), no significant mineralization or veining, lower contact with Mafic Dyke sharp @ 45 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		TLC 2 PCH									
		CHL 3 PRV									
464.23	467.95	Feature 1	D0001875	464.23	465.00	0.77	0.01	0.006	-	-	
		Type	D0001876	465.00	466.00	1.00	0.00	<0.005	-	-	
		Dyke % Thickness Colour Vein	D0001877	466.00	467.00	1.00	0.00	<0.005	-	-	
		I1 Mafic_intrusive □ 0 0 GND	D0001878	467.00	468.00	1.00	0.00	<0.005	-	-	
		QLF: ALT MAS FRA									
		Mafic Dyke: Fine-grained, dark green colour, massive textured, weak fracturing @ 55 to 70 tca (1/m) with white calcite threads infilling fracturing, no significant veining or mineralization, upper contact @ 45 tca, lower contact @ 60 tca.									
		Alteration :									
		Type/Intensity/Texture									
		AMP									
		CBC 1 FF									
		CHL 3 PRV									
		Structure:									
	467.94 - 467.95	Alpha: 60	Beta: 0								
		Type/GEN/Intensity	CA1: CA2:								
		CD									



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length						
							Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
467.95	514.00	Feature 1	D0001880	468.00	469.00	1.00	0.00	<0.005	-	-		
		Type	D0001881	469.00	470.00	1.00	0.01	0.008	-	-		
		E0B Komatiitic_basalt	D0001882	510.00	511.00	1.00	0.00	<0.005	-	-		
		QLF: ALT MAS FRA	D0001883	511.00	512.00	1.00	0.01	0.011	-	-		
		Komatiitic Basalt: Fine-grained, light greyish-green colour, massive textured, talc alteration varies in intensity throughout the unit from weak patchy talc to strong pervassive talc alteration and moderate to strong chl alteration, weak fracturing @ 45-65 tca (1-2/m), no significant mineralization or veining, (2-3% narrow irregular to planar qtz-carb str/threads), lower contact with Interflow Metaseds sharp @ 45 tca.	D0001885	512.00	512.40	0.40	0.01	0.012	-	-		
			D0001886	512.40	513.20	0.80	0.00	<0.005	-	-		
			D0001887	513.20	514.00	0.80	0.01	0.008	-	-		
		Alteration :										
		Type/Intensity/Texture										
		AMP										
		CHL 2 PRV										
		TLC 3 PCH										
		Feature 2:										
		Type										
		V3 Quartz_carbonate vein										
		QLF: ALT MAS FRA										
514.00	515.26	Feature 1	D0001888	514.00	514.65	0.65	0.00	<0.005	-	-		
		Type	D0001890	514.65	515.30	0.65	0.00	<0.005	-	-		
		BRX Undefined_Breccia_zone										
		QLF: SHD BAN FLD										
		Mixed Zone (Shear Zone): Fine-grained with mottled greenish-brown colour with mixed lithologies of Komatiitic Basalt and Interflow Metasediments (interflow metasediments occur as fine-grained laminations on mm to cm scale which are locally highly contorted/fragmented parallel to well developed shear fabric @ 50-55 tca, strong silica-bio-chl-carb alteration, no significant fractures, veining occurs as thin crosscutting fracture infilling qtz-carb-calcite strs/threads @ 10-20 tca , lower contact with Spinifex Flow Komatiitic Basalt sheared										



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>		<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)													
		<p>@ 55 tca. Fine-grained with mottled greenish-brown colour with mixed lithologies of Komatiitic Basalt and Interflow Metasediments (interflow metasediments occur as fine-grained laminations on mm to cm scale which are locally highly contorted/fragmented parallel to well developed shear fabric @ 20-25 tca, strong silica-bio-chl-carb banded alteration, no significant fractures, veining occurs as thin Qtz-carb-calcite str/threads @ 20 to 50 tca which are parallel to shear fabric, lower contact with Komatiitic Basalt sheared @ 50 tca.</p> <p>Alteration : Type/Intensity/Texture CHL 2 BAN SIL 2 PRV BIO 3 BAN</p> <p>Structure: 514.00 - 515.26 Alpha: 25 Beta: 0 Type/GEN/Intensity CA1: CA2: SHD 20 30 BAN 3 20 30</p>																						
515.26	541.00	<p>Feature 1</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 15%;"><i>Type</i></th> <th style="width: 15%;"><i>Dyke</i></th> <th style="width: 10%;"><i>%</i></th> <th style="width: 10%;"><i>Thickness</i></th> <th style="width: 10%;"><i>Colour</i></th> <th style="width: 10%;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B</td> <td>Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">S</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS VND</p> <p>Komatiitic Basalt: Fine-grained, light greyish-green colour, massive textured, talc alteration varies in intensity throughout the unit from weak patchy talc to strong pervasive talc alteration and moderate to strong chl alteration, weak fracturing @ 45-65 tca (1-2/m), weak narrow shear zone @ 60 tca from 529.7 to 529.9 m, no significant mineralization, 4-5% narrow irregular to fragmented Qtz-carb str/threads, minor local patches of Interflow Metaseds displaying strong banding @ 40-45 tca, lower contact with Gabbro Dyke @ 55 tca.</p> <p>Alteration : Type/Intensity/Texture AMP TLC 2 PCH CHL 3 PRV</p>		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B	Komatiitic_basalt	<input type="checkbox"/>	95	0	S		D0001891	515.30	516.00	0.70	0.00	<0.005	-	-
	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																		
E0B	Komatiitic_basalt	<input type="checkbox"/>	95	0	S																			
			D0001892	516.00	517.00	1.00	0.00	<0.005	-	-														
			D0001893	517.00	518.00	1.00	0.02	0.016	-	-														
			D0001894	518.00	519.00	1.00	0.02	0.016	-	-														
			D0001895	519.00	520.00	1.00	0.00	<0.005	-	-														
			D0001896	520.00	521.00	1.00	0.00	<0.005	-	-														
			D0001897	521.00	522.00	1.00	0.00	<0.005	-	-														
			D0001898	522.00	523.00	1.00	0.00	<0.005	-	-														
			D0001899	523.00	524.00	1.00	0.00	<0.005	-	-														
			D0001900	524.00	525.00	1.00	0.00	<0.005	-	-														



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Structure:										
529.70 - 529.90	Alpha: 60	Beta: 0								
	Type/GEN/Intensity	CA1: CA2:								
	SHD 1	55 65								
Feature 2:										
	Type	Dyke	%	Thickness	Colour	Vein				
V3	Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	S				
	QLF: ALT MAS VND									
541.00	566.33	Feature 1								
	Type	Dyke	%	Thickness	Colour	Vein				
I1	Mafic_intrusive	<input checked="" type="checkbox"/>	98	0	BLK	S				
	QLF: GS2 MAS FRA									
	Gabbroic Dyke: Med-grained, dark brown-black with scattered amp laths, weak patchy bio-chl alteration proximal to contacts, massive textured with micro-fracturing infilled with calcite, minor (1-2%) whitish calcite-qtz-carb strs @ 5 to 10 tca and 30 to 50 tca, minor (1%) po-py mineralization as fine-gr disseminations throughout the Gabbro unit and locally concentrated into blebs within calcite strs, weakly magnetic throughout, moderate fracturing @ 30 to 60 tca (1-2/m), sharp upper contact @ 55 and lower contact is somewhat gradational with altered Komatiitic Basalt @ 10 tca.									
Alteration :										
	Type/Intensity/Texture									
	CBC 3 VND									
	AMP 2 SPT									
	BIO 1 LOC									
Mineralization Maj. :										
	Type/GSZ%/HABIT									
541.00 -	PY GS1 0.5 DIS									
	Comment									
	Gabbroic Dyke: minor (1%) po-py									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	566.33	mineralization as fine-gr disseminations throughout the Gabbro unit and locally concentrated into blebs within calcite str, weakly magnetitic throughout.								
	541.00 - 566.33	PO GS1 0.5 DIS Gabbroic Dyke: minor (1%) po-py mineralization as fine-gr disseminations throughout the Gabbro unit and locally concentrated into blebs within calcite str, weakly magnetitic throughout.								
Feature 2:										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		V1B <i>Calcite_vein</i>	<input checked="" type="checkbox"/>	2	0	WHT	S			
		<i>QLF:</i> GS2 MAS FRA								
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>								
		CBC 3 VND								
566.33	574.00	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GYM				
		<i>QLF:</i> ALT MAS FRA								
		Komatiitic Basalt: Fine-grained, light greyish-green colour, massive textured, strong pervasive talc-chl alteration, weak fracturing @ 45-65 tca (1-2/m), no significant mineralization, 1-2% narrow irregular to fragmented qtz-carb str/threads, EOH @ 574 m.								
		<i>Alteration :</i> <i>Type/Intensity/Texture</i>								
		AMP								
		CHL 2 PRV								
		TLC 3 PRV								



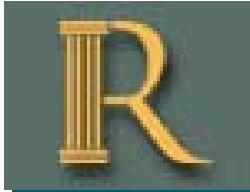
LITHOLOGY REPORT
- Detailed -

Hole Number **610L-17-23**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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DRILL HOLE REPORT

Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 119.22	Length: 0	Dimension: NQ	Township: Bateman	Logged by: I. Dickie
Dip: 6.9	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 575	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 23-Oct-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 23-Oct-17				Surveyed: yes
Logged: 01-Nov-17				Surveyed by: Mark Cottrell
Comment: Duster				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10041.507	East: 448147.27	Left in hole:
		North: 49929.371	North: 5663883.56	Making water:
		Elev.: 4763.106	Elev.: -236.89	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	119.22	6.90	Surveyed	<input type="checkbox"/>	
0.00	119.22	6.90	C	<input checked="" type="checkbox"/>	
10.00	118.89	6.54	Gyro	<input checked="" type="checkbox"/>	
15.00	121.21	6.30	Devishot	<input type="checkbox"/>	
20.00	118.54	6.00	Gyro	<input checked="" type="checkbox"/>	
30.00	118.32	5.40	Gyro	<input checked="" type="checkbox"/>	
40.00	118.15	4.99	Gyro	<input checked="" type="checkbox"/>	
50.00	117.99	4.67	Gyro	<input checked="" type="checkbox"/>	
51.00	118.18	4.48	DeviShot	<input type="checkbox"/>	Suspect....removed
60.00	117.78	4.40	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
70.00	117.77	4.18	Gyro	<input checked="" type="checkbox"/>	
80.00	117.71	4.15	Gyro	<input checked="" type="checkbox"/>	
90.00	117.83	4.17	Gyro	<input checked="" type="checkbox"/>	
100.00	118.01	4.05	Gyro	<input checked="" type="checkbox"/>	
102.00	113.20	3.73	DeviShot	<input type="checkbox"/>	Suspect....removed
110.00	118.17	3.84	Gyro	<input checked="" type="checkbox"/>	
120.00	118.25	3.52	Gyro	<input checked="" type="checkbox"/>	
130.00	118.63	3.03	Gyro	<input checked="" type="checkbox"/>	
140.00	118.59	2.54	Gyro	<input checked="" type="checkbox"/>	
150.00	118.67	1.88	Gyro	<input checked="" type="checkbox"/>	
150.00	122.05	1.90	DeviShot	<input type="checkbox"/>	



HEADER REPORT

Hole Number 610L-17-24

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
160.00	118.82	1.49	Gyro	<input checked="" type="checkbox"/>	
170.00	118.89	1.43	Gyro	<input checked="" type="checkbox"/>	
180.00	119.13	1.21	Gyro	<input checked="" type="checkbox"/>	
190.00	119.19	0.90	Gyro	<input checked="" type="checkbox"/>	
200.00	119.10	0.82	Gyro	<input checked="" type="checkbox"/>	
201.00	125.24	0.48	DeviSh ot	<input type="checkbox"/>	Suspect....removed
210.00	119.03	0.88	Gyro	<input checked="" type="checkbox"/>	
220.00	119.27	0.57	Gyro	<input checked="" type="checkbox"/>	
230.00	119.40	0.49	Gyro	<input checked="" type="checkbox"/>	
240.00	119.71	0.29	Gyro	<input checked="" type="checkbox"/>	
250.00	119.87	0.22	Gyro	<input checked="" type="checkbox"/>	
252.00	122.28	0.05	DeviSh ot	<input type="checkbox"/>	
260.00	120.18	0.44	Gyro	<input checked="" type="checkbox"/>	
270.00	120.41	0.45	Gyro	<input checked="" type="checkbox"/>	
280.00	120.72	0.76	Gyro	<input checked="" type="checkbox"/>	
290.00	121.11	0.82	Gyro	<input checked="" type="checkbox"/>	
300.00	121.58	0.98	Gyro	<input checked="" type="checkbox"/>	
300.00	125.00	0.70	DeviSh ot	<input type="checkbox"/>	
310.00	122.25	0.94	Gyro	<input checked="" type="checkbox"/>	
320.00	122.51	0.71	Gyro	<input checked="" type="checkbox"/>	
330.00	122.90	0.49	Gyro	<input checked="" type="checkbox"/>	
340.00	123.15	0.45	Gyro	<input checked="" type="checkbox"/>	
350.00	123.30	0.37	Gyro	<input checked="" type="checkbox"/>	
351.00	124.76	0.21	DeviSh ot	<input type="checkbox"/>	
360.00	123.54	0.29	Gyro	<input checked="" type="checkbox"/>	
370.00	123.75	0.17	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
402.00	126.10	-0.96	DeviSh ot	<input checked="" type="checkbox"/>	
450.00	125.12	-1.79	DeviSh ot	<input checked="" type="checkbox"/>	
501.00	131.08	-1.51	DeviSh ot	<input type="checkbox"/>	Suspect....removed
575.00	128.39	-0.89	DeviSh ot	<input checked="" type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)							
0.00	38.90	Feature 1																
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: FLT SHD BAN</p> <p>Sheared/Faulted Talc zone; Dark Green/Grey; creamy bands of talc alteration and carb veining; aphanitic-vfg; Strong shearing throughout unit @ 55-60 TCA; 15-20% background banded qtz carb veining // to shearing; overall poor rock strength with common core diskings and fault gouge; LCT gouged @ 55 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p>AMP</p> <p>TLC 2 PRV</p> <p>CB 2 VND</p> <p>Structure:</p> <p>0.00 - 38.90 Alpha: 60 Beta: 0</p> <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="text-align: left;">Type/GEN/Intensity</td> <td style="text-align: left;">CA1:</td> <td style="text-align: left;">CA2:</td> </tr> <tr> <td>SHD 3</td> <td>55</td> <td>60</td> </tr> <tr> <td>FLT 3</td> <td>55</td> <td>60</td> </tr> </table>	Type/GEN/Intensity	CA1:	CA2:	SHD 3	55	60	FLT 3	55	60							
Type/GEN/Intensity	CA1:	CA2:																
SHD 3	55	60																
FLT 3	55	60																
38.90	120.55	Feature 1																
		<p style="margin-left: 20px;">Type</p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: FTB GS1</p> <p>Talc-Altered Ultramafic; Dark Blue/Grey; Aphanitic-VFG; moderate flow top breccia texture throughout; creating curvilinear fractures & minor localized gouge @ multiple discordant orientations; trace carb veining // to fractures</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p>TLC 2 PRV</p>																



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Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
120.55	124.65	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: SPN GS1 FOL</p> <p>Ultramafic; Dark green-Black; Aphanitic-VFG; Mod-Strong FG-MG Spinifex texture dissipating with depth; mod carb alteration assoc w/ spinifex texture; LCT @ 55 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 2 PRV</p> <p style="margin-left: 40px;">TRM 3 PRV</p>								
124.65	133.35	Feature 1								
		<p style="margin-left: 20px;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: FLT DEFS GS1</p> <p>Talc-Altered Ultramafic; Dark Blue-Grey; Faulted @ 50 TCA; Mod-strong gouge; Aphanitic-VFG; LCT @ 50 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 2 PRV</p> <p>Structure:</p> <p style="margin-left: 20px;">126.45 - 131.50 Alpha: 55 Beta: 0</p> <p style="margin-left: 40px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FLT 3 50 55</p>								



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Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
133.35	141.45	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: SPN FOL GS1</p> <p>Ultramafic; Dark green-Black; Aphanitic-VFG; Strong FG-MG Spinifex; mod carb alteration assoc w/ spinifex texture; strong foliation @ 50 TCA; LCT @ 30 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">CB 1 PRV</p> <p style="margin-left: 40px;">TRM 3 PRV</p>									
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 40px;"><input type="checkbox"/> 0 0</p>									
141.45	196.90	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: GS1 ALT FTB</p> <p>Talc-zone; dark blue-grey; creamy talcose alteration; VFG; weak flow top breccia; wk foliation @ 45 TCA; LCT @ 55 TCA</p> <p>Alteration :</p> <p style="margin-left: 20px;">Type/Intensity/Texture</p> <p style="margin-left: 40px;">TLC 2 PRV</p> <p>Structure:</p> <p>160.60 - 161.30 Alpha: 30 Beta: 0</p> <p style="margin-left: 20px;">Type/GEN/Intensity CA1: CA2:</p> <p style="margin-left: 40px;">FLT 4 30 35</p>									
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 40px;"><input type="checkbox"/> 0 0</p>									



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Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
196.90	213.60	Feature 1																		
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: SPN GS1 FOL</p> <p>Ultramafic; Dark green-Black; Aphanitic-VFG; Mod-Strong FG-MG Spinifex texture dissipating with depth; mod carb alteration assoc w/ spinifex texture; wk-mod foliation @ 45 TCA; LCT @ 30 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">TRM 2 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	☐	0	0																	
213.60	254.35	Feature 1																		
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: GS1 FTB MAS</p> <p>Talc-zone; dark blue-grey; creamy talcose alteration; VFG; mod flow top breccia; mostly massive; strong disking from 253.1-LCT @ 60 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p style="padding-left: 40px;">AMP</p> <p style="padding-left: 40px;">CB 1 VND</p> <p style="padding-left: 40px;">TLC 2 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	☐	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0T Talc_rich_unit	☐	0	0																	
254.35	258.15	Feature 1																		
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> </table>	Type	Dyke	%	Thickness	Colour	Vein												
Type	Dyke	%	Thickness	Colour	Vein															



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Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		<p>I1 Mafic_intrusive <input type="checkbox"/> 0 0</p> <p>QLF: GS1 FOL BRX</p> <p>Mafic Dyke; Dark green-grey; aphanitic; mod foliation @ 65 TCA; weak brx texture throughout w/ moderate calcite infilling; LCT irregular sub-// TCA</p> <p>Alteration : Type/Intensity/Texture CB 1 VND</p>									
258.15	268.95	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit <input type="checkbox"/> 0 0</p> <p>QLF: SHD FOL GS1</p> <p>Talc-Altered Ultramafic; Dark Blue/Grey; creamy talcose stringers; aphanitic-VFG; strong S1 fabric w/ local diskings assoc w/ talc alteration @ 65 TCA; 3-5% carb veining // to S1; barren; LCT @ 55 TCA</p> <p>Alteration : Type/Intensity/Texture CB 1 VND TLC 2 PRV</p>									
268.95	274.70	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive <input type="checkbox"/> 0 0</p> <p>QLF: GS1 MAS BRK</p> <p>Mafic Dyke; Dark green-grey; aphanitic; massive; weak brx texture throughout w/ moderate calcite infilling; trace Po; LCT @ 55 TCA</p>									



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)												
		Alteration : Type/Intensity/Texture CB 2 VND																					
274.70	287.45	Feature 1	D0003136	286.55	287.45	0.90	0.02	0.022	-	-													
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: SHD GS1</p> <p>Talc-Altered Ultramafic; Dark Blue/Grey; creamy talcose stringers; aphanitic-VFG; strong S1 fabric w/ local diskings assoc w/ talc alteration @ 75 TCA; 5-7% carb veining // to S1; barren; LCT @ 65 TCA</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0											
Type	Dyke	%	Thickness	Colour	Vein																		
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																				
		Alteration : Type/Intensity/Texture CB 2 VND TLC 3 PRV																					
287.45	292.35	Feature 1	D0003137	287.45	287.75	0.30	0.30	0.304	-	-													
		<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </table> <p>QLF: PHE GS1 MAS</p> <p>Feldspar Porphyry Dyke; aphanitic dark green mafic groundmass w/ 1-3 mm creamy white fsp phenos; massive; weak brx texture throughout w/ calcite infilling showing trace to 10% mixture of Po/Py/Cpy; LCT @ 75 TCA</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0			D0003139	287.75	288.75	1.00	0.00	<0.005	-	-	
Type	Dyke	%	Thickness	Colour	Vein																		
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																				
			D0003140	288.75	289.75	1.00	0.00	<0.005	-	-													
			D0003141	289.75	290.75	1.00	0.00	<0.005	-	-													
			D0003142	290.75	291.70	0.95	0.02	0.017	-	-													
			D0003143	291.70	292.35	0.65	0.07	0.072	-	-													
		Alteration : Type/Intensity/Texture CB 2 VND																					
		Mineralization Maj. : Type/GSZ%/HABIT 287.45 Dyke GS1 1 DIS	Comment Intersected by talc alteration @ 75 TCA																				



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	287.75									
	287.45 - 287.75	CP GS1 3 DIS Intermixed sulphide mineralization in calcite brx veining within Feldspar Porphyry dyke; 2 cm vein almost completely sulphide-replaced.								
	287.45 - 287.75	PO GS1 6 DIS Intermixed sulphide mineralization in calcite brx veining within Feldspar Porphyry dyke; 2 cm vein almost completely sulphide-replaced.								
	287.75 - 292.35	PO GS1 1 DIS Trace-1% dism sulphides in calcite veinlets infilling brx texture within Feldspar Porphyry								
292.35	302.55	Feature 1	D0003144	292.35	293.35	1.00	0.01	0.014	-	-
		<p style="margin-left: 40px;">Type</p> <p>E0T Talc_rich_unit Dyke % Thickness Colour Vein</p> <p>QLF: GS1 SHD <input type="checkbox"/> 0 0</p> <p>Talc-Altered Ultramafic; Dark Blue/Grey; creamy talcose stringers; aphanitic-VFG; strong S1 fabric w/ local diskings assoc w/ talc alteration @ 65 TCA; 3-5% carb veining // to S1; barren; LCT @ 55 TCA</p> <p>Alteration : Type/Intensity/Texture</p> <p>TLC 2 PRV</p> <p>Structure:</p> <p>299.50 - 300.55 Alpha: 75 Beta: 0</p> <p>Type/GEN/Intensity CA1: CA2:</p> <p>FLT 3 75 85</p>								
302.55	306.85	Feature 1								
		<p style="margin-left: 40px;">Type</p> <p>E0B Komatiitic_basalt Dyke % Thickness Colour Vein</p> <p><input type="checkbox"/> 0 0</p>								



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		<p>QLF: SPN GS2 FOL</p> <p>Ultramafic; Dark green-Black; Aphanitic-VFG; Mod-Strong FG-MG Spinifex texture dissipating with depth; wk-mod foliation @ 55 TCA; LCT @ 60 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="padding-left: 40px;">TRM 2 PRV</p>									
306.85	354.15	<p>Feature 1</p> <p style="text-align: center;"><i>Type</i> <i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: FTB GS1 MAS</p> <p>Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; moderate flow top brx texture throughout; creating curvilinear fractures @ multiple discordant orientations w/ localized gouge, and wk carb infilling; massive; barren; LCT @ 65 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="padding-left: 40px;">TLC 2 PRV</p>									
354.15	366.35	<p>Feature 1</p> <p style="text-align: center;"><i>Type</i> <i>Dyke</i> % <i>Thickness</i> <i>Colour</i> <i>Vein</i></p> <p>E0T <i>Talc_rich_unit</i> <input type="checkbox"/> 0 0</p> <p>QLF: GS1 ALT FTB</p> <p>Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; weak flow top brx texture; massive; barren; LCT @ 65 TCA</p> <p>Alteration : <i>Type/Intensity/Texture</i></p> <p style="padding-left: 40px;">TLC 2 PRV</p>									



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Hole Number **610L-17-24**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
366.35	372.10	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 MAS Basaltic Komatiite; same as overlying and underlying units; with less talc alteration</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																	
372.10	387.30	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 ALT FLT Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; weak flow top brx texture; massive; barren; LCT @ 70 TCA</p> <p>Alteration : Type/Intensity/Texture TLC 2 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0T Talc_rich_unit	<input type="checkbox"/>	0	0																	
387.30	390.10	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: SPN FOL GS1 Ultramafic; Dark green-Black; Aphanitic-VFG; Mod-Strong FG-MG Spinifex texture dissipating with depth; mod foliation @ 60 TCA; LCT @ 60 TCA</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
		<p>Alteration : Type/Intensity/Texture TRM 2 PRV</p>																			
390.10	403.05	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0T Talc_rich_unit</td> <td style="text-align: center;">□</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: GS1 MAS FTB</p> <p>Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; weak flow top brx texture; curvilinear fractures @ multiple orientations; massive; barren; LCT @ 70 TCA</p> <p>Alteration : Type/Intensity/Texture CB 1 VND TLC 2 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0T Talc_rich_unit	□	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0T Talc_rich_unit	□	0	0																		
403.05	405.80	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">□</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: FTB GS1</p> <p>Basaltic Komatiite; dark green/grey; aphanitic-VFG; moderate-strong flow top breccia texture produces curvilinear fractures @ multiple orientations showing mod carb infilling along selvages.</p> <p>Alteration : Type/Intensity/Texture CB 2 VND TLC 1 PRV</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	□	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	□	0	0																		



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
405.80	408.20	Feature 1								
		Type								
		E0T <i>Talc_rich_unit</i>	<input type="checkbox"/>	%	0	Thickness	0			
		QLF: GS1 FTB								
		Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; weak flow top brx texture; curvilinear fractures @ multiple orientations; massive; barren; LCT @ 70 TCA								
		Alteration :								
		Type/Intensity/Texture								
		CB 1 PRV								
		TLC 2 PRV								
408.20	409.30	Feature 1								
		Type								
		E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	%	0	Thickness	0			
		QLF: FTB GS1								
		Basaltic Komatiite; dark green/grey; aphanitic-VFG; moderate-strong flow top breccia texture produces curvilinear fractures @ multiple orientations showing mod carb infilling along selvages.								
		Alteration :								
		Type/Intensity/Texture								
		CB 2 VND								
		TLC 1 PRV								
409.30	421.05	Feature 1								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)								
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: GS1 FTB</p> <p>Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; weak flow top brx texture; curvilinear fractures @ multiple orientations; massive; barren; becoming sheared downhole LCT faulted @ 55TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 20px;">AMP</p> <p style="padding-left: 20px;">CB 1 VND</p> <p style="padding-left: 20px;">TLC 2 PRV</p>																
421.05	425.10	Feature 1																
		<p>Type</p> <p>E0T <i>Talc_rich_unit</i></p> <p>QLF: FLT SHD DEF</p> <p>Faulted Talc; strong diskings; weak gouge; fractures // to shearing @ 35 TCA</p> <p>Alteration :</p> <p style="padding-left: 20px;">Type/Intensity/Texture</p> <p style="padding-left: 20px;">TLC 2 PRV</p> <p>Structure:</p> <p>424.05 - 425.10 Alpha: 35 Beta: 0</p> <table style="margin-left: 20px; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type/GEN/Intensity</th> <th style="text-align: left;">CA1:</th> <th style="text-align: left;">CA2:</th> </tr> </thead> <tbody> <tr> <td>SHD 3</td> <td>30</td> <td>40</td> </tr> <tr> <td>FLT 3</td> <td>30</td> <td>40</td> </tr> </tbody> </table>	Type/GEN/Intensity	CA1:	CA2:	SHD 3	30	40	FLT 3	30	40							
Type/GEN/Intensity	CA1:	CA2:																
SHD 3	30	40																
FLT 3	30	40																



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Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
425.10	438.65	Feature 1								
		Type								
		E0T <i>Talc_rich_unit</i>								
		Dyke <input type="checkbox"/>								
		% 0								
		Thickness 0								
		Colour Vein								
		QLF: GS1 FOL								
		Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; stongly foliated @ 25 TCA; massive; barren; LCT @ 70 TCA								
		Alteration :								
		Type/Intensity/Texture								
		CB 1 VND								
		TLC 2 PRV								
438.65	446.65	Feature 1								
		Type								
		E0T <i>Talc_rich_unit</i>								
		Dyke <input type="checkbox"/>								
		% 0								
		Thickness 0								
		Colour Vein								
		QLF: SHD RCX								
		Talc altered-Ultramafic; dark blue/grey; creamy talc alteration; aphanitic-vfg; sheared sub-// TCA; strong recrystallization texture; barren; LCT @ 70 TCA								
		Alteration :								
		Type/Intensity/Texture								
		TLC 1 PRV								
		CB 2 PRV								
		Structure:								
		438.65 - 446.65								
		Alpha: 5								
		Beta: 0								
		Type/GEN/Intensity								
		SHD 2								
		CA1:								
		0								
		CA2:								
		20								



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA Au</i> (ppm)	<i>FAG Au</i> (ppm)	<i>MS Au</i> (ppm)	<i>FAA Au</i> (ppb)
446.65	459.90	Feature 1	D0003145	450.00	450.90	0.90	0.00	<0.005	-	-	
		<i>Type</i>	D0003146	450.90	451.20	0.30	0.00	<0.005	-	-	
		E0T Talc_rich_unit	D0003147	451.20	451.50	0.30	0.01	0.006	-	-	
		<i>QLF:</i> GS1 MAS	D0003148	451.50	452.25	0.75	0.01	0.013	-	-	
		Talc altered-Ultramafic; dark green/grey; creamy talc alteration; aphanitic-vfg; weak flow top brx texture; curvilinear fractures @ multiple orientations; massive; barren; LCT @ 50 TCA									
		Alteration : <i>Type/Intensity/Texture</i> TLC 2 PRV									
		Structure: 450.90 - 451.50 Alpha: 75 Beta: 0 <i>Type/GEN/Intensity</i> CA1: CA2: V3 2 70 80									
459.90	481.05	Feature 1	D0003169	479.35	480.35	1.00	0.02	0.022	-	-	
		<i>Type</i>	D0003170	480.35	481.05	0.70	0.06	0.055	-	-	
		E0B Komatiitic_basalt									
		<i>QLF:</i> GS1 FTB MAS									
		Basaltic Komatiite; dark green/grey; aphanitic-VFG; weak flow top breccia texture; mostly massive; LCT @ 20 TCA									
		Structure: 480.35 - 481.05 Alpha: 65 Beta: 0 <i>Type/GEN/Intensity</i> CA1: CA2: V2 2 60 65									



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Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
481.05	488.35	Feature 1	D0003171	481.05	482.00	0.95	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0T <i>Talc_rich_unit</i></p> <p style="margin-left: 20px;">QLF: GS1 ALT</p> <p style="margin-left: 20px;">Talc altered-Ultramafic; dark blue/grey; strong creamy talc alteration; aphanitic-vfg; weak flow top brx texture; curvilinear fractures @ multiple orientations; massive; barren; LCT fractured @ 50 TCA</p> <p style="margin-left: 20px;">Alteration :</p> <p style="margin-left: 40px;"><i>Type/Intensity/Texture</i></p> <p style="margin-left: 40px;">AMP</p> <p style="margin-left: 40px;">SIL</p> <p style="margin-left: 40px;">TLC 3 PRV</p>									
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 0 0</p>									
488.35	488.70	Feature 1									
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">I1 <i>Mafic_intrusive</i></p> <p style="margin-left: 20px;">QLF: GS0 FOL</p> <p style="margin-left: 20px;">Mafic Dyke; Dark Grey/Black; VFG; foliated // to contacts @ 50 TCA</p>									
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 0 0</p>									
488.70	500.10	Feature 1	D0003150	498.20	499.20	1.00	0.00	<0.005	-	-	
		<p style="margin-left: 20px;">Type</p> <p style="margin-left: 20px;">E0T <i>Talc_rich_unit</i></p> <p style="margin-left: 20px;">QLF: GS1 FOL</p> <p style="margin-left: 20px;">Talc altered-Ultramafic; dark blue/grey; mod creamy talc alteration; aphanitic-vfg; mod fol @ 65 TCA;</p>	D0003151	499.20	499.65	0.45	0.03	0.031	-	-	
		<p style="margin-left: 20px;">Dyke % Thickness Colour Vein</p> <p style="margin-left: 20px;">□ 0 0</p>	D0003152	499.65	500.10	0.45	0.00	<0.005	-	-	



LITHOLOGY REPORT

- Detailed -

Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		curvilinear fractures @ multiple orientations; massive; barren; LCT @ 50 TCA									
		Alteration : Type/Intensity/Texture TLC 2 PRV									
500.10	503.05	Feature 1	D0003153	500.10	500.75	0.65	0.01	0.006	-	-	
		Type	D0003154	500.75	501.25	0.50	0.00	<0.005	-	-	
		E0B Komatiitic_basalt Dyke % Thickness Colour Vein	D0003156	501.25	501.90	0.65	0.00	<0.005	-	-	
		QLF: BRX ALT IRG	D0003157	501.90	502.50	0.60	0.00	<0.005	-	-	
		Basaltic Komatiite; strong pervasive silicification; mod-strong carb brecciation throughout predominantly @ ~65 TCA; LCT @ 70 TCA	D0003158	502.50	503.05	0.55	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture CB 2 VND SIL 3 PRV									
503.05	525.10	Feature 1	D0003159	503.05	503.60	0.55	0.00	<0.005	-	-	
		Type	D0003160	503.60	504.25	0.65	0.00	<0.005	-	-	
		E0T Talc_rich_unit Dyke % Thickness Colour Vein	D0003161	504.25	505.15	0.90	0.00	<0.005	-	-	
		QLF: GS1 BRX FOL	D0003163	505.15	505.95	0.80	0.00	<0.005	-	-	
		Talc altered-Ultramafic; dark blue/grey; mod creamy talc alteration; aphanitic-vfg; mod S1 foliation @ 60 TCA; curvilinear fractures @ multiple orientations; massive; barren; LCT fractured @ 35 TCA	D0003164	505.95	506.75	0.80	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture AMP SIL	D0003165	506.75	507.15	0.40	0.00	<0.005	-	-	
			D0003166	507.15	508.05	0.90	0.02	0.018	-	-	
			D0003167	508.05	508.80	0.75	0.00	<0.005	-	-	
			D0003168	508.80	509.60	0.80	0.00	<0.005	-	-	



LITHOLOGY REPORT

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Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		BIO									
		Structure:									
	504.25 - 505.15	Alpha: 60 Type/GEN/Intensity V3 2									
		Beta: 0 CA1: CA2: 60 65									
	508.05 - 508.80	Alpha: 65 Type/GEN/Intensity V3 3 FLT3 3									
		Beta: 0 CA1: CA2: 60 70 60 70									
525.10	535.75	Feature 1	D0003172	534.75	535.75	1.00	0.01	0.013	-	-	
		Type									
		E0B Komatiitic_basalt									
		QLF: GS1 FOL									
		Basaltic Komatiite; med green; wk-mod talc alteration; mod fol @ 35 TCA; LCT @ 40 TCA									
		Alteration :									
		Type/Intensity/Texture TLC 1 PRV									



LITHOLOGY REPORT - Detailed -

Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au	FAA	FAG	MS	FAA
							(ppm)	(ppm)	(ppm)	(ppm)	(ppb)
535.75	543.05	Feature 1	D0003173	535.75	536.75	1.00	0.80	0.804	-	-	
		Type	D0003175	536.75	537.60	0.85	0.26	0.257	-	-	
		I1 Mafic_intrusive	D0003176	537.60	538.55	0.95	0.20	0.201	-	-	
		QLF: MIN GS1 MAS	D0003177	538.55	539.40	0.85	0.25	0.253	-	-	
		Mafic Dyke; black/dark-grey; aphanitic-vfg; minor silicious goundmass; strong fractures at multiple low-angle orientations showing 7-8% Po infilling throughout unit; LCT @ 55 TCA	D0003178	539.40	540.40	1.00	0.00	<0.005	-	-	
			D0003179	540.40	541.20	0.80	0.09	0.088	-	-	
			D0003181	541.20	542.20	1.00	0.19	0.194	-	-	
			D0003182	542.20	543.05	0.85	0.04	0.038	-	-	
		Alteration : Type/Intensity/Texture									
		SIL 1 PRV									
		Mineralization Maj. : Type/GSZ%/HABIT									
		535.75 - PO GS1 7 FRA									
		543.05									
		Comment									
		Pervasive fracture infilling within mafic dyke									
543.05	565.70	Feature 1	D0003183	543.05	544.00	0.95	0.14	0.136	-	-	
		Type	D0003184	556.25	557.25	1.00	0.04	0.036	-	-	
		E0B Komatiitic_basalt	D0003185	557.25	558.25	1.00	0.01	0.011	-	-	
		QLF: GS1 FOL SHD	D0003186	558.25	559.15	0.90	0.01	0.007	-	-	
		Basaltic Komatiite; med-dark green; aphanitic-vfg; wk-mod talc alteration; foliated becoming sheared @ 50 TCA from 557.25-LCT; LCT @ 65 TCA	D0003187	559.15	559.75	0.60	0.01	0.012	-	-	
			D0003188	559.75	560.20	0.45	0.00	<0.005	-	-	
			D0003189	560.20	560.90	0.70	0.00	<0.005	-	-	
			D0003190	560.90	561.20	0.30	0.00	<0.005	-	-	
			D0003191	561.20	561.85	0.65	0.02	0.016	-	-	
			D0003192	561.85	562.30	0.45	0.01	0.011	-	-	
			D0003194	562.30	563.00	0.70	0.03	0.029	-	-	
			D0003195	563.00	563.80	0.80	0.01	0.008	-	-	
			D0003196	563.80	564.40	0.60	0.00	<0.005	-	-	
		Alteration : Type/Intensity/Texture									
		TLC 1 PRV									
		Structure:									
		560.90 - 561.20 Alpha: 60 Beta: 0									
		Type/GEN/Intensity CA1: CA2:									
		V2 2 60 65									



LITHOLOGY REPORT

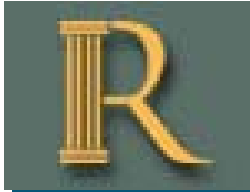
- Detailed -

Hole Number **610L-17-24**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
	561.20 - 565.70	Alpha: 55 Type/GEN/Intensity SHD 3	Beta: 0 CA1: CA2: 50 55	D0003197	564.40	565.05	0.65	0.01	0.009	-	-
				D0003199	565.05	565.70	0.65	0.01	0.013	-	-
565.70	567.50	Feature 1		D0003200	565.70	566.50	0.80	0.00	<0.005	-	-
		Type	Dyke % Thickness Colour Vein	D0003201	566.50	567.50	1.00	0.02	0.024	-	-
		I1 Mafic_intrusive	<input type="checkbox"/> 0 0								
		QLF: GSO MAS									
		Mafic Dyke; Black; possible LAMP; aphanitic; massive; moderately magnetic; weak carb content; LCT chilled @ 50 TCA									
567.50	575.00	Feature 1		D0003202	567.50	568.30	0.80	0.01	0.011	-	-
		Type	Dyke % Thickness Colour Vein								
		E0B Komatiitic_basalt	<input type="checkbox"/> 0 0								
		QLF: FTB FOL GS1									
		Basaltic Komatiite; Dark Blue/Grey; aphanitic-VFG; -strong flow top breccia texture; foliated @ 55 TCA; moderate qtz carb infilling along FTB selvages; EOH @ 575									
		Alteration :	Type/Intensity/Texture								
			AMP								
			CB 2 VND								
			TLC 1 PRV								



DRILL HOLE REPORT

Hole Number **685L-17-02**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 75.35	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysége
Dip: 2.61	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 378	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 10-Sep-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 12-Sep-17				Surveyed: yes
Logged: 20-Sep-17				Surveyed by: Mark Cottrell
Comment: Sample entire hole 1.0m maximum sample length				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10034.811	East: 448248.27
			North: 50078.91	North: 5663994.03
			Elev.: 4683.241	Elev.: -316.76
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	75.35	2.61	C	<input checked="" type="checkbox"/>	
10.00	75.49	2.28	Gyro	<input checked="" type="checkbox"/>	
15.00	74.54	2.23	DeviSh ot	<input type="checkbox"/>	replaced by gyro data Dec 10, 2018 - DS
20.00	75.59	2.23	Gyro	<input checked="" type="checkbox"/>	
30.00	75.70	2.29	Gyro	<input checked="" type="checkbox"/>	
40.00	75.83	2.39	Gyro	<input checked="" type="checkbox"/>	
50.00	75.95	2.41	Gyro	<input checked="" type="checkbox"/>	
51.00	74.14	2.34	DeviSh ot	<input type="checkbox"/>	
60.00	76.09	2.46	Gyro	<input checked="" type="checkbox"/>	
70.00	76.30	2.45	Gyro	<input checked="" type="checkbox"/>	
80.00	76.52	2.49	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	76.75	2.49	Gyro	<input checked="" type="checkbox"/>	
100.00	76.92	2.51	Gyro	<input checked="" type="checkbox"/>	
102.00	73.44	2.24	DeviSh ot	<input type="checkbox"/>	
110.00	77.18	2.61	Gyro	<input checked="" type="checkbox"/>	
120.00	77.11	2.74	Gyro	<input checked="" type="checkbox"/>	
130.00	76.99	2.72	Gyro	<input checked="" type="checkbox"/>	
140.00	76.97	2.69	Gyro	<input checked="" type="checkbox"/>	
150.00	76.83	2.55	Gyro	<input checked="" type="checkbox"/>	
160.00	76.77	2.44	Gyro	<input checked="" type="checkbox"/>	
170.00	76.90	2.35	Gyro	<input checked="" type="checkbox"/>	
180.00	77.00	2.32	Gyro	<input checked="" type="checkbox"/>	
190.00	77.06	2.32	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 685L-17-02

Project: PHOENIX

Project Number: 2

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
200.00	77.15	2.35	Gyro	<input checked="" type="checkbox"/>	
201.00	75.58	2.31	DeviSh ot	<input type="checkbox"/>	
210.00	77.26	2.25	Gyro	<input checked="" type="checkbox"/>	
220.00	77.22	2.18	Gyro	<input checked="" type="checkbox"/>	
230.00	77.26	2.03	Gyro	<input checked="" type="checkbox"/>	
240.00	77.32	1.99	Gyro	<input checked="" type="checkbox"/>	
250.00	77.40	1.82	Gyro	<input checked="" type="checkbox"/>	
252.00	77.21	1.69	DeviSh ot	<input type="checkbox"/>	
260.00	77.45	1.65	Gyro	<input checked="" type="checkbox"/>	
270.00	77.59	1.37	Gyro	<input checked="" type="checkbox"/>	
280.00	77.72	1.35	Gyro	<input checked="" type="checkbox"/>	
290.00	77.84	1.33	Gyro	<input checked="" type="checkbox"/>	
300.00	77.99	1.24	Gyro	<input checked="" type="checkbox"/>	
303.00	76.96	1.04	DeviSh ot	<input type="checkbox"/>	
310.00	78.18	1.30	Gyro	<input checked="" type="checkbox"/>	
320.00	78.39	1.40	Gyro	<input checked="" type="checkbox"/>	
330.00	78.47	1.51	Gyro	<input checked="" type="checkbox"/>	
340.00	78.44	1.43	Gyro	<input checked="" type="checkbox"/>	
350.00	78.31	1.22	Gyro	<input checked="" type="checkbox"/>	
351.00	75.16	1.12	DeviSh ot	<input type="checkbox"/>	High Mag??
360.00	78.63	1.06	Gyro	<input checked="" type="checkbox"/>	
370.00	78.68	0.99	Gyro	<input checked="" type="checkbox"/>	
381.00	78.02	1.27	DeviSh ot	<input type="checkbox"/>	



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- Detailed -

Hole Number **685L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
0.00	25.25	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL DEFS</p> <p>Felsic dyke: light brownish-grey, fine grained, massive to weak foliation at 30-45 tca, strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate to strong deformation; fracturing 2-7 /m @ 15 - 50 tca; chaotic micro fracturing infilled with biotite (some with sulphides), strongly deformed/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, up to 2% disseminated Py-po, irregular fragmental contact with quartz vein at 25.25m</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	GYM								
Type	Dyke	%	Thickness	Colour	Vein																
I3 Felsic_intrusive	<input checked="" type="checkbox"/>	98	0	GYM																	
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYL</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL DEFS</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input checked="" type="checkbox"/>	2	0	GYL								
Type	Dyke	%	Thickness	Colour	Vein																
V3 Quartz_carbonate vein	<input checked="" type="checkbox"/>	2	0	GYL																	
25.25	26.75	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V2 Quartz_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MIN DEF</p> <p>Quartz vein: grey, massive, extensional fractures infilled with carb, strong prv sericite, 2% very fine disseminated pyrite, irregular fragmental downhole contact with felsic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	V2 Quartz_vein	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
V2 Quartz_vein	<input type="checkbox"/>	0	0																		
26.75	37.50	Feature 1																			



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Hole Number **685L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		I3 Felsic_intrusive	☐	98	0	BNM									
		<p>QLF: ALT PHE DEFS</p> <p>Felsic dyke: light brownish-grey, fine grained, massive to weak foliation at 30-45 tca; 1-2mm feldspar phenos proximal to down hole contact (probably fragments of lower QPF), strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate to strong deformation; fracturing 2-7 /m @ 15 - 50 tca; chaotic micro fracturing infilled with biotite (some with sulphides), strongly deformed/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, up to 2% disseminated Py-po, irregular fragmental contact with QPF at 37.50 m</p>													
		Feature 2:													
		V3 Quartz_carbonate vein	☐	2	0										
		<p>QLF: ALT PHE DEFS</p>													
37.50	39.00	Feature 1													
		I3 Felsic_intrusive	☐	0	0	BND									
		<p>QLF: ALT FOL PHE</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 35 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 30 - 45 tca; chaotic microfracturing infilled with bio, minor deformed qtz stringers and veinlets, no significant mineralization, sharp dyke contact at 39 m @70 tca with felsic dyke</p>													



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)								
39.00	42.15	Feature 1																	
		Type I3 Felsic_intrusive QLF: ALT FOL DEFS Felsic dyke: light brownish-grey, fine grained, massive to weak foliation at 30-45 tca; strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate; fracturing 1-2 @ 15 - 50 tca; chaotic micro fracturing infilled with biotite (some with sulphides), strongly deformed/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, up to 2% disseminated Py-po, sharp dyke contact with QPF at 42.15 m @ 20 tca																	
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table>	Dyke	%	Thickness	Colour	Vein	<input type="checkbox"/>	0	0	GYM								
Dyke	%	Thickness	Colour	Vein															
<input type="checkbox"/>	0	0	GYM																
42.15	44.00	Feature 1																	
		Type I3 Felsic_intrusive QLF: ALT PHE DEFS Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 35 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 5 - 45 tca; chaotic microfracturing infilled with bio, minor deformed qtz stringers and veinlets, no significant mineralization, sharp dyke contact at 44m @5 tca with felsic dyke																	
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	Dyke	%	Thickness	Colour	Vein	<input type="checkbox"/>	0	0									
Dyke	%	Thickness	Colour	Vein															
<input type="checkbox"/>	0	0																	
44.00	45.25	Feature 1																	
		Type I3 Felsic_intrusive QLF: ALT FOL DEF Felsic dyke: light brownish-grey, fine grained, massive to weak foliation at 30-45 tca; strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate fracturing 1-2 @ 15 - 50 tca; chaotic																	
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table>	Dyke	%	Thickness	Colour	Vein	<input type="checkbox"/>	0	0	GYM								
Dyke	%	Thickness	Colour	Vein															
<input type="checkbox"/>	0	0	GYM																



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		micro fracturing infilled with biotite (some with sulphides), stongly deformed/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, up to 2% disseminated Py-po, sharp dyke contact with QPF at 45.25 m @ 20 tca									
45.25	47.90	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BND					
		QLF: ALT PHE									
		Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 35 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 5 - 45 tca; chaotic microfracturing infilled with bio, minor deformed qtz stringers and veinlets, no significant mineralization, sharp dyke contact at 47.9m @5 tca with felsic dyke									
47.90	53.70	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BND					
		QLF: ALT FOL DEFS									
		Felsic dyke: light brownish-grey, fine grained, massive to weak foliation at 30-45 tca; strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate fracturing 1-2 @ 15 - 50 tca; chaotic micro fracturing infilled with biotite (some with sulphides), stongly deformed/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, up to 2% disseminated Py-po, sharp dyke contact with QPF at 53.7 m @ 70 tca									



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
53.70	54.45	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	☐	0	0	GYD					
		QLF: ALT MAS DEF									
		mafic intrusive: dark-green-grey, fine grained, massive, strong prv bi+chl, strong prv carbonization; some stringers; silicified, no significant mineralization, sharp dyke contact at 54.45 m @ 30 tca									
54.45	76.65	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	☐	98	0	GYM					
		QLF: ALT GS2 PHE									
		Felsic dyke: light brownish-grey, fine to medium grained, mod foliation at 35-40 tca; strong spotty med bio (strong massiv prv bio proximal to downhole contact with mafic intrusive); weak spotty chl; strong prv sericite; strong local to prv silica flooding; 1-2mm euhedral pheno's, moderate fracturing 1-2 @ 15 - 50 tca; chaotic micro fracturing infilled with biotite (some with sulphides), strongly deformed/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, up to 2% disseminated Py-po, sharp dyke contact with mafic intrusive at 76.65 m @ 10 tca									
76.65	79.45	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	☐	0	0						
		QLF: ALT MAS DEF									
		mafic intrusive: dark-green-grey, fine grained, massive, strong prv bi+chl, strong prv carbonization; some stringers; silicified, no significant mineralization, sharp dyke contact at 79.45 m @ 20 tca									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
79.45	83.90	Feature 1								
		Type								
		I3 Felsic_intrusive	<input type="checkbox"/>	%	0	Thickness	0	Colour	BND	Vein
		QLF: ALT PHE GS2								
		Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 35 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 25 - 45 tca; chaotic microfracturing infilled with carb, minor deformed qtz stringers and veinlets, no significant mineralization, sharp dyke contact at 83.9m @ 30 tca with mafic dyke								
83.90	84.45	Feature 1								
		Type								
		I1 Mafic_intrusive	<input type="checkbox"/>	%	0	Thickness	0	Colour	GND	Vein
		QLF: ALT MAS GS1								
		mafic dyke: dark green, fine grained, massive, strong prv chl+bi; strong silicification, moderately deformed; broken zone, no sig mineralization, no sig veining, sharp downhole contact with felsic intrusive at 84.45 @ 30 tca								
84.45	85.85	Feature 1								
		Type								
		I3 Felsic_intrusive	<input type="checkbox"/>	%	0	Thickness	0	Colour		Vein
		QLF:								
		Felsic dyke: dark brownish-red to light grey, fine grained, massive, strong prv bi alt; strong prv epidote?								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Proximal to downhole contact, strongly deformed; shallow fractures // tca at 5 degrees, no significant veining, no significant mineralization, sharp contact at 85.85 m at 45tca										
85.85	88.55	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND						
		QLF: ALT MAS GS1										
		komatiitic basalt: dark green, fine grained, massive, strong prv chl; strong carbonization; silicified, no significant fracturing; weakly deformed, minor carbonate threads and stringers, sharp dyke contact with felsic intrusive at 88.55 m @ 30 tca										
88.55	91.25	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM						
		QLF: ALT PHE GS1										
		Quartz-feldspar-porphyry: reddish brown, fine grained, massive, strong prv bio; strong silica; strong prv sericite; 1-2mm qtz+feld phenos, no significant fractures, no significant mineralization, sharp dyke contact at 91.25 m @ 70 tca with mafic intrusive										
91.25	97.60	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GYM						



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		<p>QLF: CHM MIN FOL</p> <p>Gabbro: dark grey, spotty, fine to medium grained, subhedral; foliation at 30-40 tca, strong spotty fine to med grained amp; local felted prismatic black tourmaline (1:6); weak prv chl; strong prv bio local to contact boundaries; chilled contact margins dissipating into unit, weakly deformed; minor fracturing (1/m @ 10 tca), no veining, 2 - 5% disseminated to local sulphide blebs, sharp dyke contact at 97.6 m @ 40 tca</p>																	
97.60	110.00	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE MIN</p> <p>Felsic dyke: light brownish-grey, fine to medium grained, mod foliation at 35-40 tca; strong spotty med bio (strong prv bio dissipating towards downhole contact with mafic intrusive); weak spotty chl; strong prv sericite; strong local to prv silica flooding; 1-2mm euhedral pheno's, moderate fracturing 1-2 @ 15 - 45 tca; chaotic micro fracturing infilled with biotite (some with sulphides); extensional low angle (<5-10tca) V2 + V3 fracture filled threads and stringers , strongly deformed/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, up to 2% disseminated Py-po, sharp dyke contact with mafic intrusive at 111.2 m @ 15 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	98	0	BNM						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
I3 Felsic_intrusive	<input type="checkbox"/>	98	0	BNM															
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<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
V2 Quartz_vein	<input type="checkbox"/>	2	0	WHT	S														
110.00	111.20	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>											
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														



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Hole Number **685L-17-02**

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		E0B Komatiitic_basalt <input type="checkbox"/> 0 0 GND QLF: ALT FOL DEF komatiitic basalt: dark green, fine grained, foliation at 20-30 tca, strong prv chl+bi; silicified; carbonatized; serpentized, mod deformed; 3 slightly rough fractures at 40 tca, boudinaged/ folded V3 at 110.20 - 110.30 m @ 30 tca, no significant mineralization, dyke contact at 111.20 m @ 15tca with felsic dyke																		
		Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> QLF: ALT FOL DEF	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
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111.20	113.00	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> QLF: ALT GS1 Felsic dyke: brown-grey, fine grained, massive, strong patchy bio; strong prv sericite; very strongly silicified, no significant deformation; chaotic microfracturing infilled with biotite, minor boudinaged/fragmental/ deformed V3's @ ~35-45, no significant mineralization, sharp dyke contact at 113m @ 20tca	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																
113.00	113.60	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: ALT FOL MAG	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																	



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Hole Number **685L-17-02**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		komatiitic basalt: dark green, fine grained, massive, strong prv chl+bi; silicified; carbonatized; serpentinized, no significant veining, no significant mineralization, dyke contact at 113.6 m @ 40 tca with felsic dyke										
113.60	114.00	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM						
		QLF: ALT MAS GS1										
		Felsic dyke: brown-grey, fine grained, massive, strong patchy bio; strong prv sericite; very strongly silicified, no significant deformation; chaotic microfracturing infilled with biotite, minor boudinaged/fragmental/ deformed V3's @~35-45, no significant mineralization, dyke contact at 114 @ 20 tca										
114.00	114.45	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND						
		QLF: ALT MAS DEFW										
		komatiitic basalt: dark green, fine grained, massive, strong prv chl+bi; silicified; carbonatized; serpentinized, no significant veining, no significant mineralization, dyke contact at 114.45 m @ 45 tca with felsic dyke										
114.45	114.80	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	GYM						



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)										
		<p>QLF: GS1 DEFW XEN</p> <p>qtz-actinolite vein: green+light grey, fine grained, massive, no significant mineralization, chilled contact with E0B at 40 tca</p>																		
114.80	171.75	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">97</td> <td style="text-align: center;">0</td> <td>GYD</td> <td></td> </tr> </tbody> </table> <p>QLF: DEF FOL FTB</p> <p>komatiitic basalt: dark grey, fine grained, massive to foliated @30-40; local flow top breccia zones, strong prv bi; strong patchy talc, strong prv bio+chl, local strong serpentinite; strong prv chl at downhole chill margin, moderate to strongly deformed; strong planar fracturing (2-7/m @ 15 - 60 tca); local annealed shears, 1-3% boudinaged/ folded/ fragmented qtz-carb threads stringers and veinlets @ 30 - 60 tca, up to 1% disseminated sulphides; blebed on fracture surfaces, chilled contact at 171.75 m @ 60 tca with mafic dyke</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	97	0	GYD							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	97	0	GYD																
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">3</td> <td style="text-align: center;">0</td> <td>WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: DEF FOL FTB</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0	WHT							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0	WHT																
171.75	173.00	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: MAS GS0 ALT</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)	
		<p>mafic intrusive (lamprophyre?): black, fine grained, massive, strong prv bio, no significant deformation/fracturing, no significant veining, <1% disseminated sulphides, chilled contact margin at 173 m @ 30 tca</p>										
173.00	295.15	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYD						
		QLF: DEF FOL FTB										
		<p>komatiitic basalt: dark grey, fine grained, massive to foliated @30-40; local flow top breccia zones, strong prv bi; strong patchy talc; local strong serpentinite; chert sutures; strong prv chl at downhole chill margin, moderate to strongly deformed; strong planar to curvilinear fracturing (2-7/m @ 15 - 60 tca); local annealed shears, 1-2% boudinaged/ folded/ fragmented qtz-carb threads stringers and veinlets @ 30 - 60 tca, up to 1% disseminated sulphides; blebed on fracture surfaces, dyke contact at 295.15 m @ 30 tca</p>										
		Feature 2:										
		Type	Dyke	%	Thickness	Colour	Vein					
		V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT						
		QLF: DEF FOL FTB										
295.15	299.75	Feature 1										
		Type	Dyke	%	Thickness	Colour	Vein					
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM						
		QLF: ALT MAS DEF										



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)	
		Felsic dyke: brownish - grey, fine grained, massive, strong patchy bio; strong spotty chl; strong prv sericite; silicified, moderately deformed; 2 shallow angle fault zones (5-20); up to 1% folded/boudinaged qtz-carb threads stringers veinlets @ 5 - 35 tca, 1% disseminated sulphides, sharp contact with E0B/E1H xenolith at 299.75 m										
299.75	299.90	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	50	0	GNM						
		QLF: ALT GS1 XEN										
		E0B/E1H (xenolith in felsic dyke): brown-green, fine grained, massive to fragmental, strong prv chl+bi; silicified, no significant fractures, no significant mineralization, sharp dyke contact at 299.9 m @ 50 tca										
		Feature 2:										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	50	0	BNM						
		QLF: ALT GS1 XEN										
299.90	305.60	Feature 1										
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		I3 <i>Felsic_intrusive</i>	<input type="checkbox"/>	0	0	GYM						
		QLF: ALT MAS FLT										
		Felsic dyke: brownish - grey, fine grained, massive, strong patchy bio; strong spotty chl; strong prv sericite; silicified, moderately deformed; 2 shallow angle fault zones (5-20); up to 1% folded/boudinaged qtz-carb										



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)								
		threads stringers veinlets @ 5 - 35 tca, 1% disseminated sulphides, irregular contact with E0B at 305.60m @ 60 tca																	
305.60	310.50	Feature 1																	
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B <i>Komatiitic_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BAN MAS</p> <p>Komatiitic basalt: grey-green, fine grained, massive to banded, strong prv chl+bi; 1-3mm carbonate banding (becoming increasingly massive towards E1H contact); silicified, moderately deformed; smooth planar fractures(1-2/m @ 40 - 60), minor V1 fracture filling threads (1-2/m @ 5-20), <1% disseminated sulphides, irregular contact at 310.50 m with E1H</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GNM						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GNM															
		Feature 2:																	
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V1 <i>Carbonate_vein</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td>S</td> </tr> </tbody> </table> <p>QLF: ALT BAN MAS</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V1 <i>Carbonate_vein</i>	<input type="checkbox"/>	0	0		S					
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
V1 <i>Carbonate_vein</i>	<input type="checkbox"/>	0	0		S														
310.50	317.40	Feature 1																	
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E1H <i>High_titanium_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT VND MIN</p> <p>High-Ti Basalt (veined and mineralized): black, fine grained, massive, very strong prv bio; silicified, moderate deformation; slightly rough planar fractures with sulphides blebed on surfaces (1-2/m @ 20 -40 tca), <1%</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK															



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

folded/boudinaged V3's and V2A's (2-3/m @ 20 - 40 tca), 1-3% disseminated and threaded Po, gradational contact into garnet bearing E1H around 317.4 m

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	WHT	
QLF: ALT VND MIN					

317.40 317.65 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK	
QLF: ALT VND MIN					

High-Ti Basalt (veined and mineralized): black, fine grained, massive, very strong prv bio; spotty 1-2mm garnets; silicified, moderate deformation; slightly rough planar fractures with sulphides blebed on surfaces (1-2/m @ 20 -40 tca), <1% folded/boudinaged V3's and V2A's (2-3/m @ 20 - 40 tca), 1-3% disseminated and threaded Po, irregular contact into E1H/E0B mixed zone

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	WHT	
QLF: ALT VND MIN					



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)									
317.65	320.30	Feature 1																		
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">60</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BAN MAG</p> <p>Komatiitic basalt: grey-green, fine grained, massive to banded, strong prv chl+bi; 1-3mm intermittent carbonate banding; silicified, moderately deformed; smooth planar fractures(1-2/m @ 40 - 60), minor V1 fracture filling threads (1-2/m @ 5-20), <1% disseminated sulphides, irregular contact at 320.30 m with E1H</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	60	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	☐	60	0	GNM																
		Feature 2:																		
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V1 Carbonate_vein</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">40</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BAN MAG</p>	Type	Dyke	%	Thickness	Colour	Vein	V1 Carbonate_vein	☐	40	0	WHT							
Type	Dyke	%	Thickness	Colour	Vein															
V1 Carbonate_vein	☐	40	0	WHT																
320.30	325.40	Feature 1																		
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MIN VND</p> <p>High-Ti Basalt (veined and mineralized): black, fine grained, massive, very strong prv bio; silicified, moderate deformation; slightly rough planar fractures with sulphides blebed on surfaces (1-2/m @ 20 -40 tca), <1% folded/boudinaged V3 and V2A stringers and veinlets (2-3/m @ 20 - 40 tca), up to 10% disseminated sulphides; threaded Po, several VG flecks and specks in V2S 322.67 - 322.77m @ 40tca, dyke contact with V2_Bx at 325.40 m @75 tca</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	0	0	BLK							
Type	Dyke	%	Thickness	Colour	Vein															
E1H High_titanium_basalt	☐	0	0	BLK																
		Feature 2:																		



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>Type</p> <p>V2A Quartz_carb_actinolite_vein</p> <p>QLF: ALT MIN VND</p>								
325.40	326.90	<p>Feature 1</p> <p>Type</p> <p>V2_BX Quartz_Vein_with_Fragments</p> <p>QLF: ALT FRG MIN</p> <p>Quartz breccia vein: fine grained, massive with fragmental E1H (sulphides in E1H), strong banded fuchsite; strong fracture filling actinolite; strong silica flood, no significant fracturing, 1-2 % disseminated and blebed sulphides, sharp dyke contact at 326.90 m @ 60 tca</p>								
326.90	327.75	<p>Feature 1</p> <p>Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS VND</p> <p>E0B/E1H mixed zone: grey-green-brown mix, fine grained, original textures destroyed and overprinted by silica flood and alteration, strong prv and ff biotite; strong patchy and ff actinolite; silicified, strongly deformed; no fracturing, boudinaged/folded/deformed qtz veining, 1% disseminated sulphides within E1H fragments, irregular contact with V2_Bx at 327.75 m</p>								
		<p>Feature 2:</p> <p>Type</p> <p>Dyke % Thickness Colour Vein</p>								



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		E1H High_titanium_basalt <i>QLF:</i> ALT MAS VND									
327.75	328.10	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT					
		<i>QLF:</i> ALT FRG MIN Quartz breccia vein: fine grained, massive with fragmental E1H (sulphides in E1H), strong fracture filling actinolite; strong silica flood, no significant fracturing, 1-2 % disseminated and blebed sulphides, sharp dyke contact at 328.10m @ 70 tca									
328.10	328.40	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	50	0	GNM					
		<i>QLF:</i> ALT MAS VND E0B/E1H mixed zone: grey-green-brown mix, fine grained, original textures destroyed and overprinted by silica flood and alteration, strong prv and ff biotite; strong patchy and ff actinolite; silicified, strongly deformed; no fracturing, boudinaged/folded/deformed qtz veining, 1% disseminated sulphides within E1H fragments, irregular contact with V2_Bx at 328.4m									
		Feature 2:									
		Type	Dyke	%	Thickness	Colour	Vein				
		E1H High_titanium_basalt	<input type="checkbox"/>	50	0	BNM					



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-02**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		QLF: ALT MAS VND								
328.40	328.75	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT				
		QLF: ALT FRG MIN								
		Quartz breccia vein: fine grained, massive with fragmental E1H (sulphides in E1H), strong fracture filling actinolite; strong silica flood, no significant fracturing, 1-2 % disseminated and blebed sulphides, sharp dyke contact at 328.75m @ 70 tca								
328.75	330.60	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		E0B Komatiitic_basalt	<input type="checkbox"/>	60	0	GNM				
		QLF: ALT MAS VND								
		E0B/E1H mixed zone: grey-green-brown mix, fine grained, original textures destroyed and overprinted by silica flood and alteration, strong prv and ff biotite; strong patchy and ff actinolite; silicified, strongly deformed; no fracturing, boudinaged/folded/deformed qtz veining, 1% disseminated sulphides within E1H fragments, irregular contact with V2_Bx at 330.6m								
		Feature 2:								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		E1H High_titanium_basalt	<input type="checkbox"/>	40	0	BNM				
		QLF: ALT MAS VND								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-02**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
330.60	331.80	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRG MIN</p> <p>Quartz breccia vein: fine grained, massive with fragmental E1H (sulphides in E1H), strong fracture filling actinolite; strong silica flood, no significant fracturing, 1-2 % disseminated and blebed sulphides, sharp dyke contact at 331.80m @ 70 tca</p>	Type	Dyke	%	Thickness	Colour	Vein	V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT									
Type	Dyke	%	Thickness	Colour	Vein																	
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT																		
331.80	349.15	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT VND DEFS</p> <p>komatiitic basalt: dark green-grey, fine grained, massive, strong prv bi; mod prv chl; strong pch tlc; silicified; carbonatized, strongly deformed; most original fabric overprinted; 2-4 fractures/m @ 30 - 40, 1 - 10% strongly deformed/boudinaged/folded/alterd qtz-carb stringers veinlets, no significant mineralization, gradational contact around 349.15 m into massive E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD									
Type	Dyke	%	Thickness	Colour	Vein																	
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD																		
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate_vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT VND DEFS</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate_vein	<input type="checkbox"/>	0	0	WHT									
Type	Dyke	%	Thickness	Colour	Vein																	
V3 Quartz_carbonate_vein	<input type="checkbox"/>	0	0	WHT																		



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-02**

Project: **PHOENIX**

Project Number: **2**

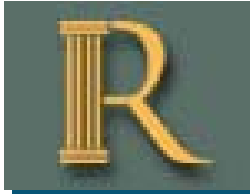
<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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349.15 378.00 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B Komatiitic_basalt	☐	0	0	GYD	

QLF: ALT MAS FTB

Komatiitic basalt: dark grey, fine grained, massive to flow top breccia texture, moderately deformed; strong prv bio+chl; weak patchy tlc, smooth/slightly rough planar fracturing (2-5/m @ 30 - 60 tca), no significant veining, no significant mineralization, END OF HOLE at 378m



DRILL HOLE REPORT

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 89.47	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysage
Dip: 2.48	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 477	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 17-Sep-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 25-Sep-17				Surveyed: yes
Logged: 28-Sep-17				Surveyed by: Mark Cottrell
Comment: Sample entire hole. 1.0m maximum sample length				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10033.928	East: 448247.06	Left in hole:
		North: 50078.07	North: 5663994.06	Making water:
		Elev.: 4683.208	Elev.: -316.79	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	89.47	2.48	C	<input type="checkbox"/>	
0.00	89.47	2.48	C	<input checked="" type="checkbox"/>	
10.00	90.00	2.58	Gyro	<input checked="" type="checkbox"/>	
15.00	88.61	2.62	DeviSh ot	<input type="checkbox"/>	
20.00	90.21	2.59	Gyro	<input checked="" type="checkbox"/>	
30.00	90.39	2.65	Gyro	<input checked="" type="checkbox"/>	
40.00	90.72	2.67	Gyro	<input checked="" type="checkbox"/>	
50.00	90.96	2.57	Gyro	<input checked="" type="checkbox"/>	
51.00	92.12	2.49	DeviSh ot	<input type="checkbox"/>	
60.00	91.13	2.46	Gyro	<input checked="" type="checkbox"/>	
70.00	91.21	2.42	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.00	91.57	2.40	Gyro	<input checked="" type="checkbox"/>	
90.00	91.87	2.47	Gyro	<input checked="" type="checkbox"/>	
100.00	92.21	2.49	Gyro	<input checked="" type="checkbox"/>	
102.00	92.83	2.45	DeviSh ot	<input type="checkbox"/>	
110.00	92.41	2.54	Gyro	<input checked="" type="checkbox"/>	
120.00	92.63	2.52	Gyro	<input checked="" type="checkbox"/>	
130.00	92.73	2.73	Gyro	<input checked="" type="checkbox"/>	
140.00	92.77	2.70	Gyro	<input checked="" type="checkbox"/>	
150.00	87.86	2.74	DeviSh ot	<input type="checkbox"/>	Suspect
150.00	92.83	2.65	Gyro	<input checked="" type="checkbox"/>	
160.00	92.96	2.61	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 685L-17-03

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
170.00	93.25	2.57	Gyro	<input checked="" type="checkbox"/>	
180.00	93.39	2.60	Gyro	<input checked="" type="checkbox"/>	
190.00	93.72	2.66	Gyro	<input checked="" type="checkbox"/>	
200.00	94.07	2.63	Gyro	<input checked="" type="checkbox"/>	
201.00	95.08	2.53	DeviSh ot	<input type="checkbox"/>	
210.00	94.23	2.55	Gyro	<input checked="" type="checkbox"/>	
220.00	94.53	2.50	Gyro	<input checked="" type="checkbox"/>	
230.00	94.85	2.55	Gyro	<input checked="" type="checkbox"/>	
240.00	95.08	2.50	Gyro	<input checked="" type="checkbox"/>	
250.00	95.24	2.60	Gyro	<input checked="" type="checkbox"/>	
252.00	89.91	2.65	DeviSh ot	<input type="checkbox"/>	Suspect
260.00	95.65	2.60	Gyro	<input checked="" type="checkbox"/>	
270.00	95.87	2.54	Gyro	<input checked="" type="checkbox"/>	
280.00	96.01	2.39	Gyro	<input checked="" type="checkbox"/>	
290.00	96.13	2.30	Gyro	<input checked="" type="checkbox"/>	
300.00	96.35	2.15	Gyro	<input checked="" type="checkbox"/>	
300.00	100.44	2.06	DeviSh ot	<input type="checkbox"/>	
310.00	96.60	2.15	Gyro	<input checked="" type="checkbox"/>	
320.00	96.75	2.08	Gyro	<input checked="" type="checkbox"/>	
330.00	96.59	2.09	Gyro	<input checked="" type="checkbox"/>	
340.00	96.64	2.30	Gyro	<input checked="" type="checkbox"/>	
350.00	96.46	2.33	Gyro	<input checked="" type="checkbox"/>	
351.00	98.37	2.48	DeviSh ot	<input type="checkbox"/>	
360.00	96.51	2.47	Gyro	<input checked="" type="checkbox"/>	
370.00	96.63	2.37	Gyro	<input checked="" type="checkbox"/>	
380.00	96.76	2.43	Gyro	<input checked="" type="checkbox"/>	
390.00	96.87	2.39	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
402.00	100.34	2.11	DeviSh ot	<input type="checkbox"/>	
450.00	100.33	1.94	DeviSh ot	<input type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	17.25	Feature 1									
		Type I3 Felsic_intrusive QLF: ALT FOL MIN Felsic dyke: light brownish-grey, fine grained, locally massive to foliated at 35-50 tca, strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate to strong deformation; fracturing 2-7 /m @ 25 - 60 tca; chaotic micro fracturing infilled with biotite (some with sulphides), stongly irregular/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, 1-5% disseminated and threaded Py-po, irregular contact with quartz vein at 17.25m									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0 BNM L									
17.25	17.80	Feature 1									
		Type V2_BX Quartz_Vein_with_Fragments QLF: ALT FRG MIN Quartz breccia vein: white-ish grey, massive to fragmental (1-3cm), weak spotty fine grained biotite; strong prv sericite; 1% fine grained disseminated Py, sharp dyke contact at 17.80 m @ 45 tca									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0 GYM									
17.80	26.50	Feature 1									
		Type I3 Felsic_intrusive QLF: ALT FOL MIN Felsic dyke: light brownish-grey, fine grained, locally massive to foliated at 35-50 tca, strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate to strong deformation; fracturing 2-7 /m @ 25 - 60 tca; chaotic micro fracturing infilled with biotite (some with sulphides), stongly irregular/overprinted/ fragmental/ boudinaged qtz and qtz-carb stringers and veinlets, 1 - 5% disseminated									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0 BNM L									



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)										
		and threaded Py-po, sharp dyke contact with quartz breccia vein at 26.5 m @ 40 tca																			
26.50	28.30	Feature 1																			
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRG MIN</p> <p>Quartz breccia vein: white-ish grey, massive to fragmental (1-3cm felsic dyke frags), weak spotty fine grained biotite+chl; strong prv sericite; 1% fine grained disseminated Py, irregular contact at 28.30m @ 45 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT																	
28.30	37.00	Feature 1																			
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL MIN</p> <p>Felsic dyke: light brownish-grey, fine grained, locally massive to foliated at 35-50 tca, strong prv bi; weak spotty chl; strong prv sericite; strong local to prv silica flooding, moderate to strong deformation; fracturing 2-7 /m @ 25 - 60 tca; chaotic micro fracturing infilled with biotite (some with sulphides), strongly irregular/overprinted/ fragmental/ boudinaged Qtz and Qtz-carb stringers, 1 - 5% disseminated and threaded Py-po, sharp dyke contact with E0B at 37 m @ 50 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																	
37.00	37.30	Feature 1																			
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																	



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		<p>QLF: ALT MAS</p> <p>Komatiitic basalt: dark green, fine grained, massive, strong prv bi+chl; carbonatized, no significant fractures, minor carbonate threading, no mineralization, dyke contact at 37.30 m @ 70 tca</p>									
37.30	37.60	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM					
		<p>QLF: ALT MAS PHE</p> <p>felsic dyke: brown-grey, fine grained, massive with 1mm feldspar pheno's, strong prv bi; strong prv sericite; mod local chl proximal to micro fracturing, micro fracturing at 30 - 40 tca with biotite and carb, no significant mineralization, irregular contact at 37.60 m @</p>									
37.60	37.90	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND					
		<p>QLF: ALT MAS</p> <p>Komatiitic basalt: dark green, fine grained, massive, strong prv bi+chl (increased bi alt proximal to contact margins); carbonatized, no significant fractures, minor carbonate threading, no mineralization, dyke contact at 37.90 m @ 75tca</p>									
37.90	38.15	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		I3 Felsic_intrusive <input type="checkbox"/> 0 0 GYM QLF: ALT MAS PHE felsic dyke: brown-grey, fine grained, massive with 1mm feldspar pheno's, strong prv bi; strong prv sericite; mod local chl proximal to micro fracturing, chaotic micro fracturing with biotite and carb, no significant mineralization, irregular contact at 38.15 m @																		
38.15	40.65	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS DEF Komatiitic basalt: dark green, fine grained, massive, strong prv bi+chl (increased bi alt proximal to contact margins); carbonatized, moderately deformed; 2-4 fractures/m @30 tca, minor carbonate threading, no mineralization, irregular contact at 40.65 m	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																
40.65	40.95	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS felsic dyke: brown-grey, fine grained, massive, strong prv bi; strong prv sericite; mod local chl proximal to micro fracturing, chaotic micro fracturing with biotite and carb, no significant mineralization, irregular contact at 40.95m	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
40.95	60.20	Feature 1									
		Type									
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
		QLF: MAS ALT SPN									
		Komatiitic basalt: dark green, fine grained, massive to spinifex textured (54.70 - 55.10 m), strong prv bi+chl; local serpentinite zones; carbonatized, minor fractures; 1-3 fractures/m @ 15 - 30 tca, minor carbonate threading, no sig mineralization, gradational change (no clear contact) into talc altered and veined E0B around 60.20 m									
60.20	65.65	Feature 1									
		Type									
		E0T Talc_rich_unit	<input type="checkbox"/>	98	0						
		QLF: ALT FOL VND									
		Talc-rich UM: grey-green mix, fine grained, foliated at 40 - 50 tca, strong prv talc; mod prv bi+chl, no significant fracturing, 1-2% irregular/ boudinaged qtz-carb stringers and veinlets // to foliation fabric, no sig mineralization, gradational contact to massive E0B around 65.65									
		Feature 2:									
		Type									
		V3 Quartz_carbonate vein	<input type="checkbox"/>	2	0	WHT	L				
		QLF: ALT FOL VND									
65.65	75.00	Feature 1									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS DEFW</p> <p>Komatiitic basalt: black to dark green, fine grained, massive to spinifex texture (strong spinifex from 68.2 - 72 m), very strong prv bi; strong prv chl; local serpentinite, carbonatized, minor fractures; 1-3 fractures/m @ 15 - 30 tca; fault zone at 67.55 - 67.80 m @ 20-30tca, minor carbonate threading, no significant mineralization, gradational contact into talc altered/ veined E0B around 75 m</p>									
75.00	80.35	<p style="text-align: center;">Feature 1</p> <p style="text-align: center;">Type</p> <p>E0T Talc_rich_unit</p> <p>QLF: ALT FOL VND</p> <p>Talc-rich UM: grey-green mix, fine grained, foliated at 40 - 50 tca, strong prv talc; mod prv bi+chl, no significant fracturing, 1-2% irregular/ boudinaged qtz-carb stringers and veinlets // to foliation fabric, no sig mineralization, dyke contact at 80.35 m @55 tca with mafic intrusive</p>									
		<p style="text-align: center;">Feature 2:</p> <p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT FOL VND</p>									
80.35	81.85	<p style="text-align: center;">Feature 1</p> <p style="text-align: center;">Type</p> <p>Dyke % Thickness Colour Vein</p>									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		I1 Mafic_intrusive <input type="checkbox"/> 0 0 BLK QLF: ALT MAS DEFW mafic dyke: black, fine grained, massive, strong prv bio; silicified, weak deformation; 3 slightly rough planar fractures @ 70 tca, minor carbonate threads and stringers some planar some strongly deformed, very fine disseminated pyrite, dyke contact at 81.85 m @ 50 tca with E0B																		
81.85	88.00	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS FTB Komatiitic basalt: black to dark green, fine grained, massive to flow top breccia fabric, very strong prv bi; strong prv chl; local serpentinite zones; carbonatized; silicified, mod deformation; 3-8 fractures/m @ 45-60 tca; fault zone at 87.80 - 88.55 m @ 45-60 tca, minor carbonate threading and fracture fill, no sig mineralization, gradational contact into talc altered/ veined E0B around 88 m	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD																
88.00	96.70	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> QLF: ALT FOL VND komatiitic basalt (minor talc alt and veined): dark grey, fine grained, weakly foliated @ 40 tca to Flow Top Breccia fabric (FTB overprinted/ infilled with carb), strong prv bi; mod chl; weak prv talc; silicified, mod deformed; 2-5 fractures / meter @ 40 - 50 tca; shear zone from 91.55 - 91.75m @ 40 tca, 1% folded/ boudinaged qtz-carb stringers and veinlets // to foliation, no sig mineralization, gradational contact into massive E0B around 96.70 m	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM																



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
Feature 2:											
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	☐	2	0	WHT					
		QLF: ALT FOL VND									
96.70	102.60	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	☐	0	0	GYD					
		QLF: ALT MAG DEF									
		Komatiitic basalt: black to dark green, fine grained, massive, very strong prv bi; strong prv chl; local serpentinite zones; carbonatized; weak patchy talc, moderate to strong deformation; 2-7 fractures/m @50 - 60 tca; fault zone at 101.35 - 101.9 m @ 50 - 60tca, minor carbonate threading, no sig mineralization, sharp dyke contact at 60 tca with gabbroic intrusive									
102.60	108.25	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	☐	0	0	GYM					
		QLF: ALT FOL XEN									
		Gabbroic intrusive: dark grey, fine to med grained, foliated at 55- 65 tca; xenolithic (1-5 cm slightly irregular partially to completely assimilated felsic inclusions aligned to foliation); 15cm xeno @ 103.68m, strong spotty amp; mod spotty bi (increased to strong prv local to contact margins); strong local medium grained tourmaline (1:6) proximal to felsic inclusions, mod deformed; 2-3/m smooth planar fractures @ 20 - 50 tca, minor black line and carbonate threading proximal to contact margins, no significant veining, 1% disseminated; up to 5% 1-2mm blebed sulphides local to xenos, chilled contact margin @ 25 tca with E0B									



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
108.25	112.85	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT SHD DEFS</p> <p>komatiitic basalt: grey green, fine grained, foliated at 40 - 60 tca, strong prv bi+chl; weak patchy talc; silicified, strongly deformed; 5-10/m polished planar fractures; moderately sheared from 108.80 - 112.80 m @ 40 - 60 tca; rubble core from 110 - 110.80 m, 1-2% boudinaged/moderately deformed qtz-carb stringers and veinlets, no significant mineralization, sharp dyke contact at 112.85m @ 35 tca with mafic intrusive</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD																
112.85	119.04	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS MIN</p> <p>Mafic intrusive (lamprophyre?): black to dark green, fine grained, massive, strong amp+bi; mod chl; carbonatized, moderately deformed; 2-4/m smooth planar fractures at 60 tca; chaotic microfracturing infilled with carbonate and Po, up to 3% fracture filling Po, minor fragmental/boudinaged carbonate stringers and veinlets @ 30 -60 tca, sharp dyke contact at 119.04 m @ 60 tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK							
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																
119.04	326.90	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FTB SPN</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD																



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		<p>Komatiitic basalt: dark grey - dark green, fine grained, massive; spinifex (119.04 - 122m), flow top breccia zones; foliated shear fabric @15 - 40 tca and 40 - 70 tca, strong prv bi+chl, weak patchy talc; carbonatized; silicified (silicification increasing toward downhole contact); chert sutures, moderately to strongly deformed; 5 - 20 fractures per meter @ 30 - 70 tca; moderate to strong shear zones from 123 - 144 m @ 10 - 40 tca; 145.50 -157.30 m @ 40 tca; disced broken zone from 241.45 - 242.40m, 1-2% irregular/ boudinaged qtz-carb veining occuring in shear zones // to foliation/shear fabric; minor carb threading and stringers throughout, no significant mineralization, dyke contact at 326.90m @ 60 tca with felsic dyke</p>									
326.90	332.45	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM					
		<p>QLF: ALT FOL FRA</p> <p>Felsic dyke: grey, fine grained, weak foliation at 30 - 60 tca, strong prv sericite; mod spotty chl; weak prv and fracture filling biotite, minor strongly deformed fragmental qtz-carb stringers and veinlets, chaotic microfracturing, no significant mineralization, dyke contact at 332.45m @30 tca</p>									
332.45	335.60	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM					
		<p>QLF: ALT FOL VND</p> <p>komatiitic basalt: grey-green, fine grained, foliated at 30 - 40 tca, mod prv talc; strong prv chlorite; carbonatized, moderate to strong shear from 334.55 - 335.30m @ 40 tca, 1-2 % folded boudinaged qtz-carb stringers and veinlets at 30 -40 tca, no significant mineralization, irregular dyke contact at 335.60 m @ 30 tca with felsic dyke</p>									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)									
335.60	338.30	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL FRA</p> <p>Felsic dyke: grey, fine grained, weak foliation at 30 - 60 tca, strong prv sericite; strong spotty chl; weak prv and fracture filling biotite, minor strongly deformed fragmental qtz-carb stringers and veinlets, chaotic microfracturing, no significant mineralization, dyke contact at 338.30m @5 tca</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
338.30	339.33	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BAN VND</p> <p>E0B/ intermixed volcanic sediments: fine grained massive to banded; 1-2mm alternating bands sed and carbonate laminations, strong chl alt; mod prv talc; carbonatized, minor folded/ faulted qtz-carb veins and carbonate bands , no significant mineralization, sharp contact at 339.33m at 40 tca with E1H</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM																
		Feature 2:																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1S Volcanic_sediments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BAN VND</p>	Type	Dyke	%	Thickness	Colour	Vein	E1S Volcanic_sediments	<input type="checkbox"/>	0	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
E1S Volcanic_sediments	<input type="checkbox"/>	0	0	GNM																



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339.33	354.65	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS MIN</p> <p>High-Ti Basalt (garnetiferous + mineralized): black, massive, very strong prv biotite; 3-4cm garnetiferous band proximal to uphole contact (1-3mm garnets) carbonatized; silicified, mod deformed; 2-3 fractures/m @ 10 - 40 tca; micro fracturing infilled with carb and Po, minor moderately deformed qtz-carb threads stingers veinlets @ 20 - 40 tca, up to 5% disseminated Po, sharp contact at 356.65m @50 tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK								
Type	Dyke	%	Thickness	Colour	Vein																
E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK																	
354.65	360.30	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">98</td> <td style="text-align: center;">0</td> <td>GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL VND</p> <p>komatiitic basalt: grey-green, fine grained, foliated at 30 - 40 tca, mod prv talc; strong prv chlorite (very strong at up-hole chill margin); carbonatized, no significant fractures, 1-2 % folded boudinaged qtz-carb stringers and veinlets at 30 -40 tca, no significant mineralization, irregular dyke contact at 360.30 m @ 80 tca with E1H</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM								
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	98	0	GYM																	
		Feature 2:																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL VND</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT								
Type	Dyke	%	Thickness	Colour	Vein																
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT																	
360.30	365.30	Feature 1																			



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT MAS MIN</p> <p>High-Ti Basalt (mineralized): black, massive, very strong prv biotite; carbonatized; silicified, mod deformed; 2-3 fractures/m @ 10 - 40 tca; micro fracturing infilled with carb and Po, minor moderately deformed qtz-carb threads stingers veinlets @ 20 - 40 tca, up to 5% disseminated Po, irregular contact at 365.30m @80 tca with quartz breccia zone</p>								
365.30	366.35	<p>Feature 1</p> <p>Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT BRX MIN</p> <p>High-Ti Basalt (veined + mineralized + brecciated): black, massive to breccia fabric, strong prv biotite; strong silica flood; actinolite alt in veining, mod deformation; original fabrics overprinted by silica; Po threaded and fracture filling, fragmental boudinaged V2's some actinolite altered, up to 15% local disseminated blebed and theaded Py-Po, irregular dyke contact at 366.35m @70 tca</p>								
		<p>Feature 2:</p> <p>Type</p> <p>V2S Quartz_vein_with_sulphides</p> <p>QLF: ALT BRX MIN</p>								
366.35	368.47	<p>Feature 1</p>								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	90	0	GYM									
		<p>QLF: ALT MIN FRG</p> <p>quartz breccia zone (mineralized): fine grained, fragmental (1-4cm of high-ti), strong patchy actinolite; strong prv silica flooding, fragmental boudinaged veining, up to 10 % disseminated and blebed Py-Po, sharp dyke contact with E1H @ 70 tca</p>													
		Feature 2:													
		Type	Dyke	%	Thickness	Colour	Vein								
		E1H High_titanium_basalt	<input type="checkbox"/>	10	0										
		<p>QLF: ALT MIN FRG</p>													
368.47	369.10	Feature 1													
		Type	Dyke	%	Thickness	Colour	Vein								
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK									
		<p>QLF: ALT MIN DEFS</p> <p>High-Ti Basalt (silicified + mineralized): black to brownish green, massive to fragmental, strong prv biotite; strong silica flood; mod to strong patchy fucsite, mod deformation; original fabrics overprinted by alteration; Po blebed and fracture filling, no significant veining, up to 5% local disseminated blebed and theaded Py-Po, sharp dyke contact at 369.1m @40 tca</p>													
369.10	369.65	Feature 1													
		Type	Dyke	%	Thickness	Colour	Vein								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 0 0 WHT QLF: ALT MIN FRG quartz breccia zone (mineralized): fine grained, massive fragmental (1-2cm), strong fracture filling biotite, strong prv silica flooding, locally up to 20 % blebed Py-Po, sharp dyke contact with E1H @ 70 tca																		
369.65	370.40	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: ALT MIN High-Ti Basalt (silicified + mineralized): black to brownish green, massive to fragmental, strong prv biotite; strong silica flood; mod to strong patchy fucsite, mod deformation; original fabrics overprinted by alteration; Po blebed and fracture filling, no significant veining, up to 5% local disseminated blebed and theaded Py-Po, sharp dyke contact at 370.40m @ 70 tca	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E1H High_titanium_basalt	<input type="checkbox"/>	0	0								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E1H High_titanium_basalt	<input type="checkbox"/>	0	0																	
370.40	370.57	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>WHT</td> <td></td> </tr> </tbody> </table> QLF: ALT FRG MIN quartz breccia zone (mineralized): fine grained, massive fragmental (1-2cm), strong fracture filling biotite, strong prv silica flooding; strong fracture filling actinolite, 1-2% disseminated sulphides, sharp dyke contact with E1H @ 80 tca	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)											
370.57	377.05	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BRX VND</p> <p>E0B/E1H/ intermixed volcanic sediments: fine grained, massive -fragmental - banded; sections of 1-2mm alternating laminated bands of sed and carbonate; local 1-3 cm E1H/E0B fragments, strong patchy chl+bi; strong prv overprinting actinolite; carbonatized, silicified, up to 10 % folded/ boudinaged/ faulted qtz-carb veins and carbonate bands @ from 30 -60 tca , 5% disseminated Py-Po, sharp dyke contact at 377.05m at 50 tca with Gabbroic intrusive</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BNM								
Type	Dyke	%	Thickness	Colour	Vein																
E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BNM																	
		Feature 2:																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1S Volcanic_sediments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BRX VND</p>	Type	Dyke	%	Thickness	Colour	Vein	E1S Volcanic_sediments	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E1S Volcanic_sediments	<input type="checkbox"/>	0	0																		
377.05	377.35	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS</p> <p>mafic dyke (gabbro?): black, fine to medium grained, massive, stong prv bi+amp; no fracture, minor disseminated sulphides, no significant veining, sharp dyke contact at 377.35 @ 50 tca with E1H/E0B mixed zone</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
I1 Mafic_intrusive	<input type="checkbox"/>	0	0																		



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
377.35	379.79	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">60</td> <td style="text-align: center;">0</td> <td>BND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRG SHD</p> <p>E1H/E0B mixed zone: brown-green mix, fragmental to sheared fabric, strong patchy bi+chl; mod vnd act, mod to strong deformed; 1-3 cm E1H fragments; strong shear zone from 378.10 - 379.79m @30 -40 tca, up to 10 % chaotic carb-act veining, no significant mineralization, irregular sheared contact at 379.70 @ 35 tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	☐	60	0	BND							
Type	Dyke	%	Thickness	Colour	Vein															
E1H High_titanium_basalt	☐	60	0	BND																
		Feature 2:																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">40</td> <td style="text-align: center;">0</td> <td>GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRG SHD</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	40	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	☐	40	0	GNM																
379.79	416.75	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td>GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT VND FOL</p> <p>komatiitic basalt: grey-green, fine grained, foliated at 30 - 60 tca, weak pch talc; strong prv chlorite; carbonatized, silicified, 1-5 % folded boudinaged qtz-carb stringers and veilets at 30 -60 tca, no significant mineralization, contact at 396.74 m @</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	☐	95	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	☐	95	0	GNM																
		Feature 2:																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein												
Type	Dyke	%	Thickness	Colour	Vein															



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		V3 Quartz_carbonate vein <i>QLF:</i> ALT VND FOL									
416.75	425.20	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I0E Lamprophyre	<input type="checkbox"/>	0	0	BLK					
		<i>QLF:</i> ALT MAS MIN									
		Lamprophyre dyke: black, fine to medium grained, massive, strong spotty med grained amp; strong prv biotite, moderately deformed; 2-3 smooth planar fractures/m @ 20 - 50 tca; broken zone from 417.30 - 418 m, minor boudinaged/mod deformed carbonate fracture fill threads stringers @ 20 - 30 tca, 1-2% scattered 1mm sulphides; carbonate stringers bearing Po, chilled contact margins; dyke contact at 425.20 m @ 5 tca									
425.20	444.70	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM					
		<i>QLF:</i> ALT MAS FTB									
		komatiitic basalt: grey-green, fine grained, foliated at 30 - 40 tca, mod prv talc; strong prv chlorite; carbonatized, moderate to strong annealed shears from 431.20 - 431.50; 432 - 432.25m @ 15 tca, 1-2 % folded boudinaged qtz-carb stringers and veils at 30 -40 tca, no significant mineralization, dyke contact @60 tca with gabbro dyke									
444.70	450.70	Feature 1									



LITHOLOGY REPORT

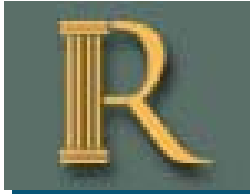
- Detailed -

Hole Number **685L-17-03**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology					Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
		Type	Dyke	%	Thickness	Colour	Vein								
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GYM									
		QLF: ALT MAS GS2													
		gabbroic intrusive: grey to green-mix, fine to medium grained, massive, strong prv fine grained chlorite at chilled margins; strong spotty med grained amp; strong carbonate fracture fill threads stringers; moderately deformed; 2-3 slightly rough undulating fractures/m; black line faults at 40 - 60 tca, no significant mineralization, dyke contact at 450.70m @ 60													
450.70	477.00	Feature 1													
		Type	Dyke	%	Thickness	Colour	Vein								
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0										
		QLF: ALT FOL VND													
		komatiitic basalt: grey-green, fine grained, massive to foliated at 20 - 40 tca, mod prv talc; strong prv chlorite; carbonatized, moderate to strong annealed shear from 473.65 -476.4 @ 20 - 30 tca, 1-2 % folded boudinaged qtz-carb stringers and veilets at 20 -40 tca, no significant mineralization, dyke contact @60 tca with gabbro dyke													



DRILL HOLE REPORT

Hole Number **685L-17-04**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 62	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysege
Dip: 3	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 15	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 26-Sep-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 26-Sep-17				Surveyed: no
Logged: 28-Sep-17				Surveyed by: -
Comment: Hole abandoned and 610L-17-04B due to Azimuth issue				Geophysics:

Coordinate - Gemcom

East: 10033
North: 50078
Elev.: 4682

Coordinate - UTM

East: 448246.35
North: 5663994.67
Elev.: -318
Zone: 15N **NAD:** NAD83

Geophysics:

Geophysic Contractor:
Left in hole:
Making water:
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	62.00	3.00	C	<input checked="" type="checkbox"/>	
15.00	69.52	3.04	DeviSh ot	<input checked="" type="checkbox"/>	Abandoned



LITHOLOGY REPORT

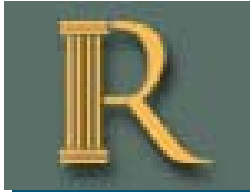
- Detailed -

Hole Number **685L-17-04**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
0.00	15.00	Feature 1								
		Type								
		I3 Felsic_intrusive								
		QLF: ALT FOL DEF								
		Felsic dyke: grey mix, fine grained, massive to foliated at 30 -40 tca, strong prv biotite; strong spotty chl, strong prv sericite, moderately deformed; 2-5 fractures /meter @ 30 -50 tca; chaotic microfracturing infilled with biotite, no significant veining, no significant mineralization, END OF HOLE (abandoned due to azimuth orientation issues)								
		Dyke								
		%								
		Thickness								
		Colour								
		Vein								



DRILL HOLE REPORT

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 61.89	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysage
Dip: 2.73	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 405	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 26-Sep-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 03-Oct-17				Surveyed: yes
Logged: 15-Oct-17				Surveyed by: Mark Cottrell
Comment: Restart of 685L-17-04				Geophysics:
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 10035.779	East: 448249.74	Left in hole:
		North: 50080.013	North: 5663994.13	Making water:
		Elev.: 4683.337	Elev.: -316.66	Multi shot survey: yes
			Zone: 15N NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	61.89	2.73	C	<input type="checkbox"/>	
0.00	61.89	2.73	C	<input checked="" type="checkbox"/>	
10.00	62.17	3.10	Gyro	<input checked="" type="checkbox"/>	
15.00	53.40	2.95	DeviSh ot	<input type="checkbox"/>	Suspect.....deleted
18.00	61.92	3.28	DeviSh ot	<input type="checkbox"/>	
20.00	62.38	3.25	Gyro	<input checked="" type="checkbox"/>	
30.00	62.59	3.33	Gyro	<input checked="" type="checkbox"/>	
40.00	62.86	3.40	Gyro	<input checked="" type="checkbox"/>	
50.00	63.00	3.32	Gyro	<input checked="" type="checkbox"/>	
51.00	59.69	3.38	DeviSh ot	<input type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
60.00	63.20	3.36	Gyro	<input checked="" type="checkbox"/>	
70.00	63.41	3.49	Gyro	<input checked="" type="checkbox"/>	
80.00	63.51	3.62	Gyro	<input checked="" type="checkbox"/>	
90.00	63.84	3.78	Gyro	<input checked="" type="checkbox"/>	
100.00	64.09	3.85	Gyro	<input checked="" type="checkbox"/>	
105.00	61.80	3.70	DeviSh ot	<input type="checkbox"/>	
110.00	64.30	3.88	Gyro	<input checked="" type="checkbox"/>	
120.00	64.50	4.05	Gyro	<input checked="" type="checkbox"/>	
130.00	64.66	4.18	Gyro	<input checked="" type="checkbox"/>	
140.00	64.99	4.29	Gyro	<input checked="" type="checkbox"/>	
150.00	61.67	4.38	DeviSh ot	<input type="checkbox"/>	



HEADER REPORT

Hole Number 685L-17-04B

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
150.00	65.33	4.34	Gyro	<input checked="" type="checkbox"/>	
153.00	61.45	4.40	DeviSh ot	<input type="checkbox"/>	
160.00	65.38	4.41	Gyro	<input checked="" type="checkbox"/>	
170.00	65.56	4.44	Gyro	<input checked="" type="checkbox"/>	
180.00	65.60	4.28	Gyro	<input checked="" type="checkbox"/>	
190.00	65.64	4.32	Gyro	<input checked="" type="checkbox"/>	
200.00	65.83	4.21	Gyro	<input checked="" type="checkbox"/>	
201.00	63.13	4.18	DeviSh ot	<input type="checkbox"/>	
210.00	65.95	4.13	Gyro	<input checked="" type="checkbox"/>	
220.00	66.11	4.12	Gyro	<input checked="" type="checkbox"/>	
230.00	66.25	4.04	Gyro	<input checked="" type="checkbox"/>	
240.00	66.33	3.90	Gyro	<input checked="" type="checkbox"/>	
250.00	66.32	3.94	Gyro	<input checked="" type="checkbox"/>	
252.00	63.40	3.82	DeviSh ot	<input type="checkbox"/>	
260.00	66.46	3.94	Gyro	<input checked="" type="checkbox"/>	
270.00	66.67	3.79	Gyro	<input checked="" type="checkbox"/>	
280.00	66.82	3.77	Gyro	<input checked="" type="checkbox"/>	
290.00	66.89	3.66	Gyro	<input checked="" type="checkbox"/>	
300.00	66.83	3.48	Gyro	<input checked="" type="checkbox"/>	
303.00	64.72	3.38	DeviSh ot	<input type="checkbox"/>	
310.00	66.94	3.22	Gyro	<input checked="" type="checkbox"/>	
320.00	67.18	3.34	Gyro	<input checked="" type="checkbox"/>	
330.00	67.42	3.37	Gyro	<input checked="" type="checkbox"/>	
340.00	67.61	3.20	Gyro	<input checked="" type="checkbox"/>	
350.00	67.80	3.01	Gyro	<input checked="" type="checkbox"/>	
354.00	66.81	2.64	DeviSh ot	<input type="checkbox"/>	Az & Dip are suspect

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
360.00	67.89	2.79	Gyro	<input checked="" type="checkbox"/>	
370.00	68.12	2.81	Gyro	<input checked="" type="checkbox"/>	
380.00	68.37	2.80	Gyro	<input checked="" type="checkbox"/>	
390.00	68.64	3.01	Gyro	<input checked="" type="checkbox"/>	
400.00	68.90	3.14	Gyro	<input checked="" type="checkbox"/>	
402.00	66.18	3.24	DeviSh ot	<input type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
0.00	2.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM					
		QLF: ALT FOL DEF									
		felsic dyke: grey-brown mix, fine grained, massive to foliated; cataclastic, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; badly broken core zone at start of run; chaotic microfracturing infilled with biotite, no sig mineralization, no significant veining, dyke contact at 50 tca with V3									
2.00	2.35	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0						
		QLF: MAS FRG XEN									
		Quartz-carb vein: white, massive to fragmental; felsic dyke fragments within, biotite threads, no significant mineralization, dyke contact at 2.35m @ 50 tca									
2.35	24.95	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM					
		QLF: ALT DEFS FOL									
		felsic dyke: grey-brown mix, fine grained, massive to foliated @ 20 - 50 tca, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; 2-3 fractures/meter @ 20 - 50 tca; cataclastic zones; chaotic microfracturing infilled with biotite, <1% disseminated sulphides, 1% fragmental boudinaged qtz-carb threads stringers veinlets @30 - 50 tca, dyke contact with V2 @ 70 tca									



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT	S

QLF: ALT DEFS FOL

24.95 26.00 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
V2 Quartz_vein	<input type="checkbox"/>	0	0	GY	

QLF: ALT MAS FRA

Quartz vein: grey, massive, strong patchy sericite; weak ff actinolite, strongly deformed; several mechanical breaks throughout; disced core at downhole contact, no significant mineralization

26.00 69.20 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM	

QLF: ALT FOL FRA

felsic dyke: grey-brown mix, fine grained, massive to foliated @ 20 - 50 tca, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; 2-3 fractures/meter @ 20 - 50 tca; cataclastic fault zones; chaotic microfracturing infilled with biotite, <1% disseminated sulphides, 1% fragmental boudinaged qtz-carb threads stringers veinlets @30 - 50 tca, dyke contact with QFP @ 10 tca

Feature 2:



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT FOL FRA</p>								
69.20	69.40	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: MAS ALT</p> <p>mafic dyke: fine grained, massive; XEN/FRG; 1-3 cm fragments of felsic dyke, not mineralized, not veined, sharp dyke contact with felsic dyke at 69.6m @50 tca</p>								
69.40	80.80	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT FOL FRA</p> <p>felsic dyke: grey-brown mix, fine grained, massive to foliated @ 20 - 50 tca, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; 2-3 fractures/meter @ 20 - 50 tca; cataclastic fault zones; chaotic microfracturing infilled with biotite, <1% disseminated sulphides, 1% fragmental boudinaged qtz-carb threads stringers veinlets @30 - 50 tca, dyke contact with QFP @ 10 tca</p>								
80.80	83.35	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>Dyke % Thickness Colour Vein</p>								



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		I3 Felsic_intrusive <input type="checkbox"/> 0 0 BNM QLF: ALT PHE FOL Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 25 - 45 tca; chaotic microfracturing infilled with carb, minor deformed qtz stringers and veinlets, no significant mineralization, sharp dyke contact at 83.35m @ 20 tca with felsic dyke																		
83.35	84.60	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> QLF: ALT FOL FRA felsic dyke: grey-brown mix, fine grained, massive to foliated @ 30-40 tca, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; 2-3 fractures/meter @ 20 - 50 tca; chaotic microfracturing infilled with biotite, <1% disseminated sulphides, 1% fragmental boudinaged qtz-carb threads stringers veinlets @30 - 50 tca, dyke contact with QFP @ 25 tca	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
84.60	86.15	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> QLF: ALT PHE FOL Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 25 - 45 tca; chaotic microfracturing infilled with carb, minor deformed qtz stringers and veinlets, no significant mineralization, sharp dyke contact at 83.35m @ 20 tca with felsic dyke	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)										
86.15	94.00	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL FRA</p> <p>felsic dyke: grey-brown mix, fine grained, massive to foliated @ 30-40 tca, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; 2-3 fractures/meter @ 20 - 50 tca; chaotic microfracturing infilled with biotite, <1% disseminated sulphides, 1% fragmental boudinaged qtz-carb threads stringers veinlets @30 - 50 tca, dyke contact with QFP @ 25 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL FRA</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT																
94.00	101.00	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT GS2 MIN</p> <p>gabbro: black, fine to medium grained, massive to foliated at 30 -40 tca, strong prv+amp, mod prv chl+bi, weakly deformed; mostly mechanical breaks, no significant veining, up to 5% disseminated pyrite, sharp dyke contact at 101 m @ 50 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
101.00	103.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BNM					
		QLF: ALT FOL DEF									
		felsic dyke: grey-brown mix, fine grained, massive to foliated @ 30-40 tca, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; 2-3 fractures/meter @ 20 - 50 tca; chaotic microfracturing infilled with biotite, <1% disseminated sulphides, 1-2% fragmental boudinaged qtz-carb and qtz-carb-act threads stringers veinlets @30 - 50 tca,									
103.00	104.50	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		ZLC Lost_core	<input type="checkbox"/>	0	0						
		QLF:									
		1.5 meter lost core									
104.50	131.65	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM					
		QLF: ALT FOL GS1									
		felsic dyke: grey-brown mix, fine grained, massive to foliated @ 30-40 tca, strong spotty bio+amp; strong prv sil+ser; moderate to strongly deformed; 2-3 fractures/meter @ 20 - 50 tca; chaotic microfracturing infilled with biotite, <1% disseminated sulphides, 1-2% fragmental boudinaged qtz-carb and qtz-carb-act threads stringers veinlets @30 - 50 tca, dyke contact with QFP @ 25 tca									



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)										
131.65	139.85	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE FOL</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; strong prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 25 - 45 tca; chaotic microfracturing infilled with bio, 1-2% deformed/folded qtz qtz-carb stringers and veinlets, no significant mineralization, sharp dyke contact at 139.85m @ 25 tca with felsic dyke</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																	
139.85	140.40	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT GS2 MAS</p> <p>felsic dyke (possible xenolith in QFP): grey, fine to med grained, massive , strong spotty med grained chl; strong prvsil+ser, no major deformation, 1% spotty Po blebs (1-2mm), sharp dyke contact with QFP at 10 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
140.40	143.65	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE FOL</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; strong prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 25 - 45 tca; chaotic microfracturing infilled with bio, 1-2% deformed/folded qtz qtz-carb</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
		stringers and veinlets, no significant mineralization, sharp dyke contact at 143.65 m @ 25 tca with mafic dyke									
143.65	144.00	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK					
		QLF: ALT MAS GS0									
		mafic dyke: black dark-green, fine grained, massive, strong prv amp+bi; mod prv chl, no significant veining, no significant mineralization, chilled contact margin at 144 @35 tca with felsic dyke									
144.00	144.76	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM					
		QLF: ALT MAS PHE									
		felsic dyke (possible QFP xenolith in mafic dyke): grey, fine to med grained, massive, strong prv/spotty med grained chl overprinting original fabric; strong prv sil+ser, no major deformation, sharp dyke contact with mafic dyke @ 40 tca									
144.76	148.05	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK					
		QLF: ALT MAS MIN									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		<p>mafic dyke: black, fine grained, massive, strong prv bi; mod to strong 0.5 - 1mm elongate amp (1:6); strong chlorite chill margins, moderate deformation; moderate right lateral fault at 145.50m @ 5dtca with 4cm offset; 2 slightly rough planar fractures at 40 tca, no significant veining, up to 15 % disseminated Po; local 1-4mm Po blebs, irregular dyke contact at 148.05 m with felsic dyke</p>																		
148.05	151.48	<p>Feature 1</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS GS1</p> <p>felsic dyke: grey, fine to med grained, massive, strong spotty med grained chl; strong prvsil+ser, weak deformation; few slightly rough planar fractures at 30 tca; broken zone at 149.25m; chaotic microfractures infilled with biotite, no significant mineralization, no significant veining, chilled contact margin at 151.48m @ 30 tca with komatiitic basalt</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
151.48	153.33	<p>Feature 1</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS GS1</p> <p>komatiitic basalt: dark-green, fine grained, massive, mod prvbi+chl; mod pathy talc+sil; thin 0.5mm folded/deformed carbonate banding proximal to contact margins, no significant veining, sharp dyke contact at 153.33m @ 80 tca with felsic dyke</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																
153.33	157.85	<p>Feature 1</p>																		



LITHOLOGY REPORT

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Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>I3 Felsic_intrusive</p> <p>QLF: ALT MAS XEN</p> <p>Felsic dyke (with E0B Xeno's): fine to medium grained, massive with 10-20cm E0B xeno's, strong spotty med grained chl in felsic dyke; prv chl in E0B; mod to strong sil+ser in felsic dyke; mod talc in E0B; assimilation texture on xeno borders, mod deformation; 1-2 fractures / meter @ 60 -70 tca; chaotic microfracturing infilled with biotite in felsic dyke; minor carbonate threading in E0B, no significant mineralization, sharp dyke contact at 157.85m @ 60tca</p>								
		<p>Feature 2:</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS XEN</p>								
157.85	164.95	<p>Feature 1</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS GS1</p> <p>komatiitic basalt: green-mix, fine grained , massive, very strong prv chl; weak patchy talc, mod deformation; 2-3 fracs/m @ 30 tca, minor carbonate threads; infilled with Po @ 15 - 30 tca, no significant mineralization, sharp dyke conact at 164.95m @ 60tca with felsic dyke</p>								
164.95	168.80	<p>Feature 1</p>								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>I3 Felsic_intrusive</p> <p>QLF: ALT MAS GS1</p> <p>felsic dyke: grey, fine to med grained, massive, strong spotty med grained chl; strong prvsil+ser, mod deformation; 1-2 fractures/ m at 30 tca; broken zone at 166.50m; chaotic microfractures infilled with biotite, <1% scattered 1-2mm Po blebs, no significant veining, gradational contact at 168.8m with komatiitic basalt</p>								
168.80	193.00	<p>Feature 1</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB DEFS</p> <p>komatiitic basalt: dark -green, massive to flow top breccia texture, stong prv Chl+bi; weak patchy talc; stongly silicified proximal to uphole contact with felsic dyke, strongly deformed; 5-10 fracs/m @ 20 - 60 tca; strong shear zones; rubbled/broken zones; 1% boudinaged folded V3's at 40 - 70 tca, no significant mineralization,</p>								
193.00	194.00	<p>Feature 1</p> <p>ZLC Lost_core</p> <p>QLF:</p>								



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)											
194.00	208.35	Feature 1																			
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FTB</p> <p>komatiitic basalt: dark -green, massive to flow top breccia texture, stong prv Chl+bi; weak patchy talc; stongly silicified proximal to uphole contact with felsic dyke, strongly deformed; 5-10 frags/m @ 20 - 60 tca; strong shear zones (polished planar); intermittent arubbled/broken zones; 1% boudinaged folded V3's at 40 - 70 tca, no significant mineralization, contact dyke at 208.35 m @ 40 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD																	
		Feature 2:																			
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS FTB</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT																	
208.35	210.40	Feature 1																			
		<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS MIN</p> <p>gabbro: black to dark green, fine grained, massive, very strong bi+amp; strong chl chilled margins, 1% scattered 1mm Py, weak deformation; 2 polished planar frags at 65 tca, no significant veining, irregular dyke contact at 210.40 m @ 80 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>																
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																	
210.40	211.15	Feature 1																			



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>Type</p> <p>I3 Felsic_intrusive</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GYM Vein</p> <p>QLF: ALT PHE BRX</p> <p>QFP: dark grey-green, fine grained, massive to brecciated proximal to dyke contacts; 1-2mm felspar pheno's, very stron chl alt; mod spotty bi, no significant deformation, no significant veining, no significant mineralization, not magnetic, dyke contact at 211.15m @ 80 with gabbro</p>								
211.15	211.95	<p>Feature 1</p> <p>Type</p> <p>I1 Mafic_intrusive</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour BLK Vein</p> <p>QLF: ALT MAS MIN</p> <p>gabbro: black to dark green, fine grained, massive, very strong bi+amp; strong Bio chilled margins, 1% scattered 1mm Py, weak deformation, no significant veining, dyke contact at 211.95m @ 50 tca with E0B</p>								
211.95	212.61	<p>Feature 1</p> <p>Type</p> <p>E0B Komatiitic_basalt</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GYM Vein</p> <p>QLF: ALT MAS GS1</p> <p>Komatiitic basalt: dark grey, massive, strong bi+chl alt; weak talc; silicified, mod deformed; 1 polished planar frac at 70 tca, minor folded/boudinaged qtz-carb threads stringers veinlets, no significant mineralization, sharp dyke contact at 212.61m @50 tca with gabbro</p>								

Feature 2:



LITHOLOGY REPORT - Detailed -

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							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT MAS GS1</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">☐ 0 0 WHT</p>								
212.61	213.25	Feature 1								
		<p style="text-align: center;">Type</p> <p>I1 Mafic_intrusive</p> <p>QLF: ALT MAS GS1</p> <p>gabbro: dark green, fine grained, massive, very strong prv bi+amp, weak deformation; polished planar fracture at downhole dyke contact, no sig veining, no sig min, biotite chilled margin at 213.25m @ 40tca with QFP</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">☐ 0 0 GND</p>								
213.25	213.95	Feature 1								
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT BRX PHE</p> <p>QFP: dark grey-green, fine grained, massive to brecciated proximal to dyke contacts; 1-2mm felspar pheno's, strong chl alt; mod spotty bi, no significant deformation, no significant veining, no significant mineralization, not magnetic, dyke contact at 213.95m @ 80 with mafic intrusive</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">☐ 0 0 GYD</p>								
213.95	216.40	Feature 1								
		<p style="text-align: center;">Type</p> <p style="text-align: center;">Dyke % Thickness Colour Vein</p>								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)									
		I1 Mafic_intrusive <input type="checkbox"/> 0 0 BLK QLF: ALT MAS DEF mafic dyke (possible gabbro): black, fine grained, massive , srong prv bi+amp, mod deformed; 7 polished planar fracs from 50 - 80 tca, minor carbonate threads and stringers; planar 2-3/m @50 - 80 tca, no significant mineralization, sharp dyke contact at 216.40 m @ 60 tca																		
216.40	290.00	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td>GYD</td> <td></td> </tr> </tbody> </table> QLF: ALT FOL FTB komatiitic basalt: dark grey-green, massive zones; foliated zones @ 50 - 60 tca; annealed shear zones; flow top breccia zones, strong prv bi+chl; strong patchy talc; silicified zones, moderate to strong deformation; 3 - 20 polished planar fracs/m @ 10 - 60 tca, up to 5 % folded/ boudinaged/deformed/ altered qtz-carb threads stringers veinlets @ 30 - 70 tca, no significant mineralization, contact at	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYD																
		Feature 2: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td>WHT</td> <td></td> </tr> </tbody> </table> QLF: ALT FOL FTB	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT							
Type	Dyke	%	Thickness	Colour	Vein															
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT																
290.00	290.80	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>ZLC Lost_core</td> <td><input type="checkbox"/></td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	ZLC Lost_core	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
ZLC Lost_core	<input type="checkbox"/>	0	0																	



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
		QLF: 0.8 meters core loss									
290.80	309.80	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM					
		QLF: ALT FTB FOL									
		komatiitic basalt: dark grey-green, massive zones; foliated zones @ 50 - 60 tca; annealed shear zones; flow top breccia zones, strong prv bi+chl; strong patchy talc; silicified zones, moderate to strong deformation; 3 - 20 polished planar fracs/m @ 10 - 60 tca, up to 5 % folded/ boudinaged/deformed/ altered qtz-carb threads stringers veinlets @ 30 - 70 tca, no significant mineralization, dyke contact at 309.80m @ 80 tca									
309.80	318.60	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM					
		QLF: ALT MAS DEF									
		felsic dyke: grey, fine to med grained, massive, strong spotty med grained chl; strong prvsil+ser, mod deformation; 1-2 fractures/ m at 30 tca; broken zone at 166.50m; chaotic microfractures infilled with biotite, <1% scattered 1-2mm Po blebs, no significant veining, dyke contact at 318.6m @60 tca with komatiitic basalt									
318.60	321.95	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)										
		<p>E0B <i>Komatiitic_basalt</i> <input type="checkbox"/> 0 0 GYM</p> <p>QLF: ALT FOL DEF</p> <p>Komatiitic basalt: dark green, fine grained, foliated at 30 - 60 tca, weak patchy talc; strong prv bi+chl, moderately deformed; slightly rough/undulating fault at 319.80m, strongly deformed/ chaotic folded/ boudinaged qtz-carb threads stringers veinlets, no significant mineralization, dyke contact at 321.95m @ 60 ca with V2_BX</p>																		
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V3 <i>Quartz_carbonate vein</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td style="text-align: center;">C</td> </tr> </tbody> </table> <p>QLF: ALT FOL DEF</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V3 <i>Quartz_carbonate vein</i>	<input type="checkbox"/>	0	0	WHT	C						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V3 <i>Quartz_carbonate vein</i>	<input type="checkbox"/>	0	0	WHT	C															
321.95	322.40	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V2_BX <i>Quartz_Vein_with_Fragments</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT BRX FRG</p> <p>quartz breccia zone (VG smear): fine grained, fragmental (1-3cm E1H frags), strong patchy actinolite; strong prv silica flooding, fragmental boudinaged veining, weak scattered sulphides (1mm); 1mm VG smear at approximately 322.30m, sharp dyke contact at 322.40m with E1H @ 70 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2_BX <i>Quartz_Vein_with_Fragments</i>	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V2_BX <i>Quartz_Vein_with_Fragments</i>	<input type="checkbox"/>	0	0	GYM																
322.40	323.70	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E1H <i>High_titanium_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	0	0	BLK																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-04B**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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QLF: ALT VND MIN

High-ti basalt (veined and mineralized): black, fine grained, massive, strong prv biotite, strong veined and ff actinolite, moderately deformed, minor moderately deformed qtz and qtz-carb-act threads stringers veinlets @ 40 - 60 tca, locally up to 15% disseminated and threaded Py-Po; scattered 1-2mm blebs, irregular contact with V2_BX

323.70 324.65 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	GYM	

QLF: ALT BRX FRG

quartz breccia zone: fine grained, fragmental (1-4cm frags), strong patchy actinolite; strong prv silica flooding, fragmental boudinaged veining, weak scattered sulphides (1mm), sharp dyke contact at 322.40m with E0B @25 tca

324.65 357.70 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM	

QLF: ALT VND SHD

komatiitic basalt: dark grey to green, fine grained, massive; foliated; locally sheared/ annealed shears, local flow top breccia, weak to mod patchy talc; strong prv bi+chl; local cb banding, moderate deformation. Up to 5% folded boudinaged qtz-carb threads stringers veinlets @ 30 - 70 tca, no significant mineralization, gradational contact into E1H/E0B mixed zone at 358.70m

Feature 2:



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-04B**

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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p style="text-align: center;">Type</p> <p>V3 Quartz_carbonate vein</p> <p>QLF: ALT VND SHD</p>								
357.70	361.05	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E1H High_titanium_basalt</p> <p>QLF: ALT FRG MIN</p> <p>E1H/E0B mixed zone (mineralized): black to dark green, fine grained, massive to fragmental, strong prv bi in E1H; strong chl+act in E0B, moderately deformed; fault at 358.55 @ 30 tca, minor folded boudinaged qtz-carb threads stringers @ 25 - 60 tca, up to 3 % Py threads; dissminated in E1H frags, sharp contact at 361.05 m @ 40 tca with E0B</p>								
		<p>Feature 2:</p> <p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FRG MIN</p>								
361.05	371.85	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FTB MAS</p> <p>Komatiitic basalt: dark green to dark grey, fine grained, flow top breccia to foliated @ 40 tca, strong prv bi;</p>								



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
		strong prv sil; strong patchy chl, weak patchy talc, moderately deformed; fault surfaces at 367.30 - 367.4 @ 25-40, no significant veining, no significant mineralization, dyke contact at 371.85m @ 25 tca with felsic dyke									
371.85	378.15	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I3	□	0	0	GYM					
		QLF: ALT VND DEF									
		felsic dyke: grey mix, fine to med grained, massive to foliated at 25 - 40 tca, mod spotty bi; strong spotty med grained chl; strong prv sericite + silica, mod to strongly deformed; slightly rough planar fractures (2-4/m @ 25 - 40 tca); fault at 377.85 - 378.20 @ 15 - 40 tca, weak disseminated sulphides, 1% deformed folded qtz-carb threads stringers veinlets @ 15 - 40 tca, sharp contact at 378.15 m @ 30 tca with mafic intrusive									
378.15	379.45	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I1	□	0	0						
		QLF: ALT MAS									
		mafic dyke (Lamprophyre?): black, fine grained, massive, strong prv bi+amp; silicified, weakly deformed; 3 fracs at 40 tca, no significant veining; minor cb ff threads, no significant mineralization, dyke contact @ 20 tca with V2BX									
379.45	379.65	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-04B**

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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		V2_BX Quartz_Vein_with_Fragments <input type="checkbox"/> 0 0 GYM QLF: ALT FRG DEFW quartz breccia zone: fine grained, fragmental (1-4cm frags), strong patchy actinolite; strong prv silica flooding, fragmental boudinaged veining, sharp dyke contact at 379.65 with felsic dyke @20 tca																		
379.65	380.10	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS DEF felsic dyke: grey mix, fine to med grained, massive to foliated at 25 - 40 tca, mod spotty bi; strong spotty med grained chl; strong prv sericite + silica, mod to strongly deformed; slightly rough planar fractures (2-4/m @ 25 - 40 tca), weak disseminated sulphides, 1% deformed folded qtz-carb threads stringers veinlets @ 15 - 40 tca, sharp contact at 380.1 m @ 60 tca with mafic intrusive	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
380.10	380.35	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> QLF: ALT MAS DEFW mafic dyke (Lamprophyre?): black, fine grained, massive, strong prv bi+amp; silicified, weakly deformed, no significant veining; minor cb ff threads, no significant mineralization, dyke contact at 380.35m @ 35 tca with V2BX	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)										
380.35	380.50	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRG BRX</p> <p>quartz breccia zone: fine grained, brecciated/ fragmental (1-4cm frags), strong patchy actinolite; strong prv silica flooding, sharp dyke contact at 380.5 @40 tca with felsic dyke</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	GYM																
380.50	381.30	Feature 1																		
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<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
381.30	381.60	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V2_BX Quartz_Vein_with_Fragments</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRG DEFW</p> <p>quartz breccia zone: fine grained, brecciated/ fragmental (1-4cm frags), strong patchy actinolite; strong prv silica flooding, sharp dyke contact at 381.60 @20 tca with felsic dyke</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	GYD							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	GYD																



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Project Number: **2**

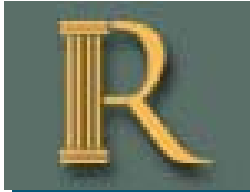
<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
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381.60 405.00 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM	

QLF: ALT FOL DEF

felsic dyke: grey mix, fine to med grained, massive to foliated at 25 - 40 tca, mod spotty bi; strong spotty med grained ch; strong prv sericite + silica, mod to strongly deformed; slightly rough planar fractures (2-4/m @ 10 - 40 tca), weak disseminated sulphides, 1% deformed folded qtz-carb threads stringers veinlets @ 15 - 40 tca, 405 meters EOH



DRILL HOLE REPORT

Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 62.2	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysge
Dip: 8.9	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 399	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 03-Oct-17	Cemented: no	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 14-Oct-17				Surveyed: yes
Logged: 19-Oct-17				Surveyed by: Mark Cottrell

Comment:

Coordinate - Gemcom	Coordinate - UTM
East: 10035.765	East: 448249.72
North: 50080.001	North: 5663994.13
Elev.: 4683.811	Elev.: -316.19
	Zone: 15N NAD: NAD83

Geophysics:

Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	62.20	8.90	C	<input type="checkbox"/>	
0.00	62.20	8.90	C	<input checked="" type="checkbox"/>	
10.00	62.17	8.75	Gyro	<input checked="" type="checkbox"/>	
15.00	70.89	8.49	DeviSh ot	<input type="checkbox"/>	Suspect....deleted
18.00	64.20	8.49	DeviSh ot	<input type="checkbox"/>	Suspect....deleted
20.00	62.34	8.61	Gyro	<input checked="" type="checkbox"/>	
30.00	62.49	8.54	Gyro	<input checked="" type="checkbox"/>	
40.00	62.54	8.30	Gyro	<input checked="" type="checkbox"/>	
50.00	62.68	8.15	Gyro	<input checked="" type="checkbox"/>	
51.00	62.45	8.02	DeviSh ot	<input type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
60.00	62.77	8.10	Gyro	<input checked="" type="checkbox"/>	
70.00	62.89	8.12	Gyro	<input checked="" type="checkbox"/>	
80.00	63.02	8.15	Gyro	<input checked="" type="checkbox"/>	
90.00	63.19	8.14	Gyro	<input checked="" type="checkbox"/>	
100.00	63.30	8.16	Gyro	<input checked="" type="checkbox"/>	
105.00	62.57	7.93	DeviSh ot	<input type="checkbox"/>	
110.00	63.46	8.10	Gyro	<input checked="" type="checkbox"/>	
120.00	63.58	8.08	Gyro	<input checked="" type="checkbox"/>	
130.00	63.73	8.07	Gyro	<input checked="" type="checkbox"/>	
140.00	63.93	8.04	Gyro	<input checked="" type="checkbox"/>	
150.00	64.15	8.02	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 685L-17-05

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
153.00	63.46	7.86	DeviSh ot	<input type="checkbox"/>	
160.00	64.27	7.95	Gyro	<input checked="" type="checkbox"/>	
170.00	64.42	7.85	Gyro	<input checked="" type="checkbox"/>	
180.00	64.49	7.67	Gyro	<input checked="" type="checkbox"/>	
190.00	65.19	7.69	Gyro	<input checked="" type="checkbox"/>	
200.00	65.73	7.72	Gyro	<input checked="" type="checkbox"/>	
204.00	64.13	7.80	DeviSh ot	<input type="checkbox"/>	
210.00	65.93	7.85	Gyro	<input checked="" type="checkbox"/>	
220.00	65.95	7.96	Gyro	<input checked="" type="checkbox"/>	
230.00	65.95	7.98	Gyro	<input checked="" type="checkbox"/>	
240.00	66.05	7.98	Gyro	<input checked="" type="checkbox"/>	
250.00	66.02	8.03	Gyro	<input checked="" type="checkbox"/>	
252.00	63.96	7.88	DeviSh ot	<input type="checkbox"/>	
260.00	66.11	8.04	Gyro	<input checked="" type="checkbox"/>	
270.00	66.24	7.88	Gyro	<input checked="" type="checkbox"/>	
280.00	66.30	7.76	Gyro	<input checked="" type="checkbox"/>	
290.00	66.54	7.50	Gyro	<input checked="" type="checkbox"/>	
300.00	66.88	7.43	Gyro	<input checked="" type="checkbox"/>	
300.00	67.25	7.62	DeviSh ot	<input type="checkbox"/>	
310.00	67.08	7.28	Gyro	<input checked="" type="checkbox"/>	
320.00	67.20	7.17	Gyro	<input checked="" type="checkbox"/>	
330.00	67.30	7.06	Gyro	<input checked="" type="checkbox"/>	
340.00	67.33	6.80	Gyro	<input checked="" type="checkbox"/>	
350.00	67.41	6.60	Gyro	<input checked="" type="checkbox"/>	
351.00	70.99	6.33	DeviSh ot	<input type="checkbox"/>	Suspect....deleted
360.00	67.33	6.41	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
370.00	67.41	6.53	Gyro	<input checked="" type="checkbox"/>	
380.00	67.63	6.72	Gyro	<input checked="" type="checkbox"/>	
390.00	67.89	6.89	Gyro	<input checked="" type="checkbox"/>	
399.00	67.31	7.00	DeviSh ot	<input type="checkbox"/>	



LITHOLOGY REPORT

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Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
0.00	24.00	Feature 1								
		Type								
		I3 Felsic_intrusive	<input type="checkbox"/>	95	0	GYM				
		QLF: ALT FRA DEFS								
		felsic dyke: reddish-brown grey, fine to medium grained, foliated @ 30 - 40 tca; strong spt bi; strong med grained spt chlor; very strong sericite alt; mod to strong def; chaotic micro fracturing; shallow tca angle black line faulting (1-2/m @ 10-15tca); joints @ 20 -50 tca; 1-5 % boudinaged fragmental V2@/ V2S's threads stringers @ 30-40 tca ; V3/ V3S stringers veinlets veins @ 60-70tca, 1% scattered 1mm pyrite; threaded and veined Py-Po; semi-massive asp in V2S, irregular dyke contact at 24m @60 with V2_BX								
		Feature 2:								
		Type								
		V2S Quartz_vein_with_sulphides	<input type="checkbox"/>	5	0	BLK				
		QLF: ALT FRA DEFS								
24.00	26.60	Feature 1								
		Type								
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	GYM				
		QLF: ALT FRG BRX								
		quartz breccia vein: grey, irregular felsic fragments (1-3cm) , strong sericite alt; frac filling actinolite, weak deformed; 1 frac @ 30 tca, sharp dyke contact at 26.60m @ 70 with felsic dyke								
26.60	78.80	Feature 1								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>I3 Felsic_intrusive</p> <p>QLF: ALT DEFS</p> <p>felsic dyke: reddish-brown grey, fine to medium grained, foliated @ 30 - 40 tca; strong spt bi; strong med grained spt chlor; very strong sericite alt; mod to strong def; chaotic micro fracturing; shallow tca angle black line faulting (1-2/m @ 10-15tca increasing to chaotic locally); slightly rough planar joints @ 20 -50 (2-5/m); 1-5 % boudinaged fragmental V2@/ V2S's threads stringers @ 30-40 tca ; V3/ V3S stringers veinlets veins @ 60-70tca, 1% scattered 1mm pyrite; threaded and veined Py-Po; semi-massive asp in V2S, irregular dyke contact at 96.60m @50 with gabbro</p>								
		<p>Feature 2:</p> <p>V2S Quartz_vein_with_sulphides</p> <p>QLF: ALT DEFS</p>								
78.80	78.95	<p>Feature 1</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT PHE</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, weak deformed; chilled contact margins, no significant mineralization, chilled dyke contact at 78.95 @ 20 tca with felsic dyke</p>								
78.95	96.50	<p>Feature 1</p>								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		Type	Dyke	%	Thickness	Colour	Vein					
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0							
		QLF: felsic dyke: reddish-brown grey, fine to medium grained, foliated @ 30 - 40 tca; strong spt bi; strong med grained spt chlor; very strong sericite alt; mod to strong def; chaotic micro fracturing; shallow tca angle black line faulting (1-2/m @ 10-15tca increasing to chaotic locally); slightly rough planar joints @ 20 -50 (2-5/m); 1-5 % boudinaged fragmental V2@/ V2S's threads stringers @ 30-40 tca ; V3/ V3S stringers veinlets veins @ 60-70tca, 1% scattered 1mm pyrite; threaded and veined Py-Po; semi-massive asp in V2S, irregular dyke contact at 96.60m @60 with gabbro										
96.50	103.80	Feature 1										
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK						
		QLF: ALT MIN gabbro: black, fine to medium grained, massive to foliated at 30 -40 tca, strong prv+amp, mod prv chl+bi, weakly deformed; 1 frac/m @ 30 tca, no significant veining, up to 5% disseminated pyrite, chilled contact at 103.8 m @ 60 tca										
103.80	148.80	Feature 1										
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM						
		QLF: ALT FRA FOL felsic dyke: reddish-brown grey, fine to medium grained, foliated @ 30 - 40 tca; strong spt bi; strong med grained spt chlor; very strong sericite alt; mod to strong deformation; local chaotic micro fracturing; shallow tca angle black line faulting (1-2/m @ 10-15tca); slightly rough/ planar joints @ 20 -50 (2-5/m); 1-5 % boudinaged fragmental V2@/ V2S's threads stringers @ 30-40 tca ; V3/ V3S stringers veinlets veins @ 60-										



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		70tca; intermittent QFP intrusions (10 - 20 cm @20-40 tca), 1% scattered 1mm pyrite, dyke contact at 148.80 m @ 30 tca with QFP								
		Feature 2:								
		Type	Dyke	%	Thickness	Colour	Vein			
		I3R QFP	<input type="checkbox"/>	0	0	BNM				
		QLF: ALT FRA FOL								
148.80	157.80	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM				
		QLF: ALT PHE DEF								
		Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; strong prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 30 - 40 tca; chaotic microfracturing, 1-2% deformed/folded qtz qtz-carb stringers and veinlets @10 - 30tca, no significant mineralization, dyke contact at 157.8m @ 30 tca with mafic dyke								
157.80	158.30	Feature 1								
		Type	Dyke	%	Thickness	Colour	Vein			
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GND				
		QLF: ALT FOL DEFW								
		mafic dyke (gabbro?): fine grained, massive , foliated at 30 tca, minor carbonate threads, stong prv chl, weakly deformed, no significant mineralization, irregular contact at 158.30m with QFP								



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
158.30	163.95	Feature 1																			
		<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE FOL</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to weak foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; strong prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 30 - 40 tca; chaotic microfracturing, 1-2% deformed/folded qtz qtz-carb stringers and veinlets @ 10 - 30tca, no significant mineralization, dyke contact at 163.95m @ 40 tca with mafic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	☐	0	0	BNM								
Type	Dyke	%	Thickness	Colour	Vein																
I3 Felsic_intrusive	☐	0	0	BNM																	
163.95	166.60	Feature 1																			
		<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL</p> <p>gabbro: black to dark green, fine grained, massive to weak foliation at 50 tca , very strong bi+amp; strong prv chl; strong Bio chilled margins, weak deformation, no significant veining, dyke contact at 166.6m @ 30 tca with QFP</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	☐	0	0	GND								
Type	Dyke	%	Thickness	Colour	Vein																
I1 Mafic_intrusive	☐	0	0	GND																	
166.60	171.00	Feature 1																			
		<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL PHE</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	☐	0	0	BNM								
Type	Dyke	%	Thickness	Colour	Vein																
I3 Felsic_intrusive	☐	0	0	BNM																	



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Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
		<p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, foliation at 30-40 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; strong prv sericite; strong silicification, moderately deformed; fractures 1-2/m @ 30 - 40 tca; chaotic microfracturing, 1-2% deformed/folded qtz qtz-carb stringers and veinlets @10 - 30tca, no significant mineralization, dyke contact at 171m @ 60 tca with E0B</p>									
171.00	179.95	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0						
		QLF: ALT VND MAS									
		komatiitic basalt: dark-green, fine grained, massive, mod prvbi+chl; weak pathy talc; thin 0.5mm folded/deformed carbonate banding proximal to contact margins, 1-5% locally chaotic qtz-carb threads stringers veinlets , sharp dyke contact at 179.95m @60tca with felsic dyke									
		Feature 2:									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT	C				
		QLF: ALT VND MAS									
179.95	181.50	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0						
		QLF: ALT VND PHE									
		felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong sericite; silicified;									



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 181.50 m @ 30tca with E0B																		
181.50	196.10	Feature 1																		
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B <i>Komatiitic_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL GS1</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, chilled dyke contact at 196.1m @50 tca with felsic dyke</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GND							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GND																
196.10	197.40	Feature 1																		
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 <i>Felsic_intrusive</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE</p> <p>felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 197.40 m @ 50tca with E0B</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 <i>Felsic_intrusive</i>	<input type="checkbox"/>	0	0								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 <i>Felsic_intrusive</i>	<input type="checkbox"/>	0	0																	
197.40	198.00	Feature 1																		
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B <i>Komatiitic_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GND</td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GND							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GND																



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Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		<p>QLF: ALT MAS</p> <p>komatiitic basalt: dark-green, fine grained, massive, strong prv chl; weak patchy talc, no significant veining, chilled dyke contact at 198m @60 tca with felsic dyke</p>									
198.00	204.35	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0						
		<p>QLF: ALT FOL PHE</p> <p>felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 204.35 m @ 70tca with E0B</p>									
204.35	205.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND					
		<p>QLF: ALT FOL GS1</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, chilled dyke contact at 205m @60 tca with felsic dyke</p>									
205.00	207.00	Feature 1									
		Type	Dyke	%	Thickness	Colour	Vein				



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Hole Number **685L-17-05**

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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)									
		I3 Felsic_intrusive <input type="checkbox"/> 0 0 GYM QLF: ALT PHE FOL felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 207 m @ 60tca with E0B																		
207.00	208.45	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> QLF: komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, dyke contact at 208.45m @40 tca with felsic dyke	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0								
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																	
208.45	210.20	Feature 1 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GYM</td> <td></td> </tr> </tbody> </table> QLF: ALT PHE GS1 felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 210.20 m @ 40tca with E0B	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
210.20	211.75	Feature 1																		



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Project: **PHOENIX**

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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		<p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT FOL DEFW</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, dyke contact at 211.75m @80 tca with felsic dyke</p>								
211.75	213.90	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT MAS GS1</p> <p>felsic dyke: fine grained, 1-2mm white phenos; massive, mod spotty chl+bi; strong sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 213.90 m @ 50tca with E0B</p>								
213.90	214.35	<p>Feature 1</p> <p style="text-align: center;">Type</p> <p>E0B Komatiitic_basalt</p> <p>QLF: ALT MAS</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, dyke contact at 214.35m @80 tca with felsic dyke</p>								



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From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA									
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)								
214.35	215.60	Feature 1																	
		<table border="0"> <thead> <tr> <th>Type</th> <th>Dyke</th> <th>%</th> <th>Thickness</th> <th>Colour</th> <th>Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS</p> <p>felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 215.60 m @ 50tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0							
Type	Dyke	%	Thickness	Colour	Vein														
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																
215.60	216.00	Feature 1																	
		<table border="0"> <thead> <tr> <th>Type</th> <th>Dyke</th> <th>%</th> <th>Thickness</th> <th>Colour</th> <th>Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc; med to coarse grained bio Proximal to contact margins, 1% qtz-carb threads stringers parallel to foliation fabric, dyke contact at 216m @70 tca with felsic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM						
Type	Dyke	%	Thickness	Colour	Vein														
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM															
216.00	221.45	Feature 1																	
		<table border="0"> <thead> <tr> <th>Type</th> <th>Dyke</th> <th>%</th> <th>Thickness</th> <th>Colour</th> <th>Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE MAS</p> <p>felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags; 2-3 frags/m @ 10 and 70 tca, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, up to 5% local Po blebs (1-3mm), dyke contact at 221.45m @ 60 tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0							
Type	Dyke	%	Thickness	Colour	Vein														
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
221.45	222.35	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS BRX</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, brecciated at dyke contact at 222.35m @30 tca with felsic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																	
222.35	222.80	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE MAS</p> <p>felsic dyke: fine grained, 1-2mm white phenos; foliated at 30 - 40, mod spotty chl+bi; strong prv sericite; silicified; actinolite fracture fill, mod deformed; locally chaotic micro frags, 1-2% smokey quartz V2/ V2A's @ 40 - 60 tca, no significant mineralization, dyke contact at 222.80 m @ 50tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0																	
222.80	267.65	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">97</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT SPN FOL</p> <p>komatiitic basalt: dark-green, fine grained, massive to weakly foliated at 40-50 tca; local spinifex texture, mod prv bi+chl; weak to moderate patchy talc, 1-3% strongly deformed/folded/boudinaged qtz-carb threads stringers veinlets, mod to strong deformation; broken zones at: 223.40 -224m; 225 -225.90m ; 233 - 233.90m; 234.80 - 236m; 246 -246.30m; 266 - 266.20m ; 266.50-266.70m; strong shear zones running sub-parallel tca</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	97	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	97	0	GNM																



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		from 243.90 - 246.50m; 249.40 - 252.15m; local zones of 10 - 20 cm disced core, dyke contact at 267.65m @70 tca with gabbro									
		Feature 2:									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0						
		QLF: ALT SPN FOL									
267.65	268.75	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0						
		QLF: ALT FOL GS1									
		gabbro: black to dark green, fine grained, massive to weak foliation at 30 tca , very strong bi+amp; strong prv chl; strong Bio chilled margins, weak deformation, no significant veining, chilled dyke contact at 268.75m @ 40 tca with E0B									
268.75	269.15	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GNM					
		QLF: ALT BAN DEF									
		komatiitic basalt (probably Xeno in gabbro dyke): green white mix, fine grained, mod prvbi+chl; strong patchy talc, 1% qtz-carb threads stringers banded boudinaged folded, dyke contact at 269.15m @70 tca with gabbro dyke									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)									
269.15	270.65	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS</p> <p>gabbro: black to dark green, fine grained, massive to weak foliation at 30 tca , very strong bi+amp; strong prv chl; strong Bio chilled margins, weak deformation, no significant veining, chilled dyke contact at 270.65m @ 60 tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0																	
270.65	276.50	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL DEFW</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, dyke contact at 276.5m @40 tca with felsic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM																
276.50	277.85	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL DEFW</p> <p>gabbro: black to dark green, fine grained, massive to weak foliation at 40 - 50 tca , very strong bi+amp; strong prv chl; strong Bio chilled margins, weak deformation, no significant veining, chilled contact at 277.85m @ 30</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0																	



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		tca with e0b								
277.85	312.10	Feature 1								
		Type								
		E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM				
		QLF: ALT FOL DEFS								
		komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, mod to strong deformed(2-3 fracs/m @ 50 -60 tca), contact at 312.10 m @ 50 tca with Gabbro								
312.10	315.60	Feature 1								
		Type								
		I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK				
		QLF: ALT FOL GS1								
		gabbro: black to dark green, fine grained, massive to weak foliation at 40 - 50 tca , very strong bi+amp; strong prv chl; strong Bio chilled margins, weak deformation, no significant veining, dyke contact at 315.60m @ 40 tca with komatiitic basalt								
315.60	318.00	Feature 1								
		Type								
		E0B Komatiitic_basalt	<input type="checkbox"/>	90	0	GNM				



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		<p>QLF: ALT VND DEF</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40tca, mod prvbi+chl; weak patchy talc, 1% qtz-carb threads stringers parallel to foliation fabric, weak to mod def; 1-2 frags / m @ 40 - 50 tca, intermittent 10 - 20 cm gabbro intrusives, gradational contact into E0B</p>																		
		<p>Feature 2:</p> <table border="1"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I1A Gabbro</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">10</td> <td style="text-align: center;">0</td> <td>BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT VND DEF</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I1A Gabbro	<input type="checkbox"/>	10	0	BLK							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I1A Gabbro	<input type="checkbox"/>	10	0	BLK																
318.00	358.35	<p>Feature 1</p> <table border="1"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td>GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL VND</p> <p>komatiitic basalt: dark-green, fine grained, foliated at 40-50tca, mod prvbi+chl; weak patchy talc, 1- 5% folded/boudinaged qtz-carb and qtz-carb-act threads stringers veinlets parallel to foliation fabric, mod to strong deformed; broken zone from 293 - 294.50m ; dyke contact at 358.35 m @ 50 tca with Gabbro</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYM																
		<p>Feature 2:</p> <table border="1"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td>WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL VND</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
358.35	359.15	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAG MIN</p> <p>gabbro (mineralized): dark grey, fine grained, massive, strong prv bi+amp; mod prv chl; silicified, weak to mod deformation; chaotic microfracturing (infilled with Po), no significant veining, up to 3% threaded and disseminated Po, dyke contact at 359.15m @60tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GYD							
Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	GYD																
359.15	374.55	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL DEFW</p> <p>komatiitic basalt: dark grey-green, massive to mod foliation @ ~50 tca, strong prvbi+chl; weak to mod patchy talc; strongly silicified zones, minor folded boudinaged qtz-carb and qtz-carb-act threads stringers veinlets @ 40 -70tca, no significant mineralization, weak deformation; 1-2 fracs/m slightly rough @ ~60 tca, dyke contact at 374.55m @50 tca with felsic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND																
374.55	386.15	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT DEF MAS</p> <p>felsic dyke: grey to bleached, fine to med grained, massive, strong spotty med grained chl, weak patchy bi, strong prv sericite, moderately deformed; 2-3 slightly rough fracs/m @ 30 tca; sub parallel tca fracture from 379.50 - 380.65m; annealed fault zones (infilled with bio+chl) at 381; 382.50m, no significant mineralization,</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	95	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	95	0	GYM																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
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dyke contact at 386.15m @30 tca with V2

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
FLTA Annealed_fault	<input type="checkbox"/>	5	0		
QLF: ALT DEF MAS					

386.15 386.70 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V2A Quartz_carb_actinolite_vein	<input type="checkbox"/>	0	0	WHT	
QLF: MAS ALT					

Quartz actinolite vein: white, massive, actinolite fracture fill, mod deformed; 2 fracs @ 20 - 30 tca, no significant mineralization, no veining, irregular downhole contact at 386.70m @ 30 tca with Felsic dyke

386.70 399.00 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM	
QLF: ALT FRG MAS					

felsic dyke: grey to bleached, fine to med grained, massive, strong spotty med grained chl, weak patchy bi, strong prv sericite, moderately deformed; 2-3 slightly rough fracs/m @ 30 tca; annealed fragmental fault zones (infilled with bio+chl) at 388.25; 393.80; <1% very fine scattered arseno, END of HOLE



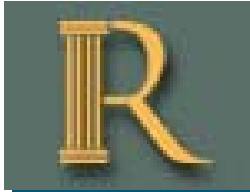
LITHOLOGY REPORT
- Detailed -

Hole Number **685L-17-05**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppm)</i>	<i>FAG</i> <i>Au</i> <i>(ppm)</i>	<i>MS</i> <i>Au</i> <i>(ppm)</i>	<i>FAA</i> <i>Au</i> <i>(ppb)</i>
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DRILL HOLE REPORT

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 75.25	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysge
Dip: -9.8	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 402	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 14-Oct-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 19-Oct-17				Surveyed: yes
Logged: 25-Oct-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10034.755	East: 448248.24
			North: 50078.918	North: 5663994.08
			Elev.: 4682.809	Elev.: -317.19
			Zone: 15N	NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	75.25	-9.80	C	<input checked="" type="checkbox"/>	
6.00	73.26	-10.40	DeviSh ot	<input checked="" type="checkbox"/>	
15.00	73.01	-10.11	DeviSh ot	<input checked="" type="checkbox"/>	
51.00	73.46	-10.12	DeviSh ot	<input checked="" type="checkbox"/>	
153.00	78.24	-10.82	DeviSh ot	<input checked="" type="checkbox"/>	
204.00	80.11	-10.01	DeviSh ot	<input checked="" type="checkbox"/>	
255.00	79.37	-10.51	DeviSh ot	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
306.00	80.94	-11.10	DeviSh ot	<input checked="" type="checkbox"/>	
351.00	82.68	-11.81	DeviSh ot	<input checked="" type="checkbox"/>	
402.00	80.17	-12.40	DeviSh ot	<input type="checkbox"/>	Suspect.....deleted



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
0.00	24.98	Feature 1								
		Type								
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM				
		QLF: ALT DEFS FOL								
		felsic dyke: grey-brown mix, fine to medium grained, foliated at ~40tca, strong spotty bi, mod spotty chl, strong prv sericite+sil, mod to strong deformation; stong fracturing (1-2/m @ 10 - 20 tca); local black line fault zones @40 tca, 1-3% boudinaged deformed smokey qtz and qtz-carb threads stringers veinlets @ 40 - 70 tca, 1% scattered 1-2mm sulphides; semi-massive within some black line faults, irregular contact at 24.98m with V2								
		Feature 2:								
		Type								
		V2 Quartz_vein	<input type="checkbox"/>	0	0	GYD S				
		QLF: ALT DEFS FOL								
24.98	26.35	Feature 1								
		Type								
		V2 Quartz_vein	<input type="checkbox"/>	0	0	GYD				
		QLF: MAS FRA DEF								
		quartz vein: grey, massive, fractured @ 10 - 40 tca, no significant mineralization, dyke contact at 26.35m @ 70tca with felsic dyke								
26.35	41.60	Feature 1								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>Type</p> <p>I3 Felsic_intrusive</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour GYM Vein</p> <p>QLF: ALT FOL DEFS</p> <p>felsic dyke: grey-brown mix, fine to medium grained, foliated at ~40tca, strong spotty bi, mod spotty chl, strong prv sericite+sil, mod to strong deformation; cataclastic/mylonite zones @ 20 - 30 tca; strong fracturing (1-2/m @ 10 - 20 tca); local black line fault zones @40 tca, 1-3% boudinaged deformed smokey qtz and qtz-carb threads stringers veinlets @ 40 - 70 tca, 1% scattered 1-2mm sulphides; semi-massive within some black line faults, chilled dyke contact at 41.60m @20 with QFP</p>								
		<p>Feature 2:</p> <p>Type</p> <p>V2 Quartz_vein</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour Vein</p> <p>QLF: ALT FOL DEFS</p>								
41.60	42.35	<p>Feature 1</p> <p>Type</p> <p>I3 Felsic_intrusive</p> <p>Dyke <input type="checkbox"/> % 0 Thickness 0 Colour BNM Vein</p> <p>QLF: ALT PHE FOL</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to mod foliation at 40 - 50 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, weakly deformed; 1 slightly rough planar frac@ 20 tca, micro black line fracturing parallel to foliation fabric, no significant mineralization, sharp dyke contact at 42.35m @ 30 tca with felsic dyke</p>								
42.35	43.45	<p>Feature 1</p>								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppb)
		<p>Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT FOL DEF</p> <p>felsic dyke: grey-brown mix, fine to medium grained, foliated at ~40tca, strong spotty bi, mod spotty chl, strong prv sericite+sil, mod deformation; rough undulating frac at 42.85 @ 10 tca; strong fracturing (1-2/m @ 10 - 20 tca); local black line fault zones @40 tca, 1-3% boudinaged deformed smokey qtz and qtz-carb threads stringers veinlets @ 40 - 70 tca, 1% scattered 1-2mm sulphides, dyke contact at 43.45m @10 with QFP</p>								
43.45	44.20	<p>Feature 1</p> <p>Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT PHE DEFW</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to mod foliation at 40 - 50 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, weakly deformed; 1 slightly rough planar frac @ 20 tca, micro black line fracturing parallel to foliation fabric, no significant mineralization, sharp dyke contact at 44.70m @ 50 tca with felsic dyke</p>								
44.20	45.00	<p>Feature 1</p> <p>Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: ALT FOL DEF</p> <p>felsic dyke: grey-brown mix, fine to medium grained, foliated at ~40tca, strong spotty bi, mod spotty chl, strong prv sericite+sil, mod deformation; rough undulating frac running sub-parallel tca thru length of unit, minor boudinaged deformed smokey qtz and qtz-carb threads stringers veinlets @ 40 - 70 tca, 1% scattered 1-2mm sulphides, dyke contact at 45m @ 30 with QFP</p>								



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
45.00	49.80	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE XEN</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to mod foliation at 40 - 50 tca; 35 cm felsic dyke xenolith at 45.15m, 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, mod deformed; 1-3/m slightly rough planar fracs @ 20 tca, black line fracturing parallel to foliation fabric; cataclastic, up to 1% boudinaged deformed smokey quartz and qtz -carb threads and stringers @ 40 - 60 tca, no significant mineralization, sharp dyke contact at 49.80m @ 60 tca with mafic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																
49.80	56.00	Feature 1																		
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Type	Dyke	%	Thickness	Colour	Vein															
I1 Mafic_intrusive	<input type="checkbox"/>	0	0																	
56.00	57.70	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)										
		<p>QLF: FOL PHE DEFW</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to mod foliation at 40 - 50 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, weakly deformed; minor black line fracturing parallel to foliation fabric; up to 1% boudinaged deformed smokey quartz and qtz -carb threads @ 40 - 60 tca, no significant mineralization, sharp dyke contact at 57.7m @ 60 tca with mafic dyke</p>																		
57.70	60.30	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">90</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS DEFW</p> <p>mafic dyke: dark grey-green, fine grained, massive, very strong patchy bi+chl; strong prv amp, weakly deformed; 2-3 frac/m @ 40 tca; 30 cm felsic xenolith at 58.65m; no significant veining, no significant mineralization, dyke contact at 60.3m @40 tca with QFP</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I1 Mafic_intrusive	<input type="checkbox"/>	90	0	GND							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I1 Mafic_intrusive	<input type="checkbox"/>	90	0	GND																
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">10</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS DEFW</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	10	0	BNM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	10	0	BNM																
60.30	69.40	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Type</i></th> <th style="text-align: left;"><i>Dyke</i></th> <th style="text-align: left;"><i>%</i></th> <th style="text-align: left;"><i>Thickness</i></th> <th style="text-align: left;"><i>Colour</i></th> <th style="text-align: left;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL DEF</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM							
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)	
		felsic dyke: grey-brown mix, fine to medium grained, foliated at ~40tca, strong spotty bi, mod spotty chl, strong prv sericite+sil, mod deformation; sheared cataclastic fabric from 65.10 - 65.75m @20tca; local chaotic microfractures; rough undulating frac running sub-parallel tca from 61.20 - 61.80m, minor boudinaged deformed smokey qtz and qtz-carb threads stringers @ 40 - 70 tca, 1% scattered 1-2mm sulphides, sharp dyke contact at 69.40m @ 40tca with QFP									
69.40	69.75	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM					
		QLF: ALT PHE FOL									
		Quartz Feldspar Porphyry: reddish-brown, fine to med grained, mod foliation at 40 - 50 tca; 1-2mm euhedral feldspar phenos, very strong prv bio; mod prv sericite; strong silicification, weakly deformed; minor black line fracturing parallel to foliation fabric; <1% boudinaged deformed smokey quartz and qtz -carb threads @ 40 - 60 tca, no significant mineralization, sharp dyke contact at 69.75m @ 20 tca with mafic dyke									
69.75	70.85	Feature 1									
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>				
		I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM					
		QLF: ALT FOL DEF									
		felsic dyke: grey-brown mix, fine to medium grained, foliated at 30-40tca, strong spotty bi, weak spotty chl, strong prv sericite+sil, mod deformation; fracture threads parallel to foliation; slightly rough planar fracture at 70.20 @10tca minor boudinaged deformed smokey qtz and qtz-carb threads stringers @ 40 - 70 tca, <1% scattered 1-2mm sulphides, sharp dyke contact at 70.85m @ 20tca with QFP									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
70.85	91.35	Feature 1									
		Type I3 Felsic_intrusive QLF: ALT PHE FOL Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to mod foliation at 30-40 tca; 20 - 5cm xenoliths of felsic dyke in QFP, 1-2mm euhedral feldspar phenos aligned to foliation, very strong prv bio; very stong patchy sericite (shear fabric completely overprinted); strong silicification, mod to strong deformation; smooth planar faulting from 73.90 - 75.90m (2/m @10tca); very stong sericite overprinting strong shear fabric at 10 - 40 tca from 76 - 83.55m; 85.10 - 85.85m; 87.30 - 89.60m, 1-5% boudinaged deformed smokey V2 V2S V3 stringers veinlets@ 30 - 60; V3 threads @ 10, 1-3% 0.5 - 1mm scattered and veined Py, chilled dyke contact at 91.35m @ 50 tca with gabbro dyke									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 85 0 BNM									
		Feature 2:									
		Type I3 Felsic_intrusive QLF: ALT PHE FOL									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 15 0 GYM									
91.35	96.90	Feature 1									
		Type I1 Mafic_intrusive QLF: ALT CRX GS3 Gabbro: black to spotty white, fine to coarse grained, felted, strong coarse grained amp; moderate spotty plag; strong patchy bio; mod patchy chl; assimilated leucocratic bands with coarse 1-4mm amp overgrowth; strong chl chill margins, no significant veining, 1-2% scattered 1-3mm pyrite; up to 5% proximal to down hole contact, chilled contact at 96.90m @80 tca									
		Dyke % Thickness Colour Vein <input type="checkbox"/> 0 0 BLK									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
96.90	103.05	Feature 1																		
		<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Type</td> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BNM</td> <td></td> </tr> </table> <p>QLF: ALT DEFS FOL</p> <p>Quartz Feldspar Porphyry: reddish-brown, fine to med grained, massive to mod foliation at 30-40 tca; three 20 - 30cm partially assimilated xenoliths of felsic dyke in QFP, 1-2mm euhedral feldspar phenos aligned to foliation, very strong prv bio; very stong patchy sericite (shear fabric completely overprinted); strong silicification, mod to strong deformation; slightly rough planar faulting from (2-3/m @10tca from 99 to 102.75m); very stong sericite overprinting strong shear fabric at 10 - 40 tca from 98.80 - 99.80m; 1-5% boudinaged deformed smokey V2 V2S V3 stringers veinlets@ 30 - 60; V3 threads @ 10, 1-3% 0.5 - 1mm scattered and veined Py, sharp dyke contact at 103.05m @ 70 tca with felsic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	BNM																
103.05	103.90	Feature 1																		
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Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																
103.90	122.80	Feature 1																		
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Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GND																



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		<p>QLF: ALT FOL FTB</p> <p>Komatiitic basalt (talc altered): dark green, fine grained, massive to local sheared foliation fabric @ 40 - 60 and 20-30tca; local flow top breccia zones, strong prv bi+chl; moderated patchy talc; local serpentine sutures, moderately to strongly deformed; smooth to polished planar fractures parallel to foliation fabric (3-10/m @ 40 - 60 tca); shear zones from 111-113m @40 - 50 tca and 114.50 - 122.80 @ 10 -30 tca, 1-5% folded/boudinaged V3 threads stringers veinlets overprinted and altered, no significant mineralization; scattered 1mm Py specks, gradational contact at 122.80m @ 30tca with mafic dyke</p>																	
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL FTB</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT															
122.80	123.10	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL CRN</p> <p>mafic dyke: black, fine to med grained, foliated @ 20 -30 tca, very strong bi+amp, weak deformed; crenulated, no significant mineralization, no significant veining, sharp dyke contact at 123.10m @ 20 tca</p>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK															
123.10	138.00	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Dyke</i></th> <th style="text-align: center;"><i>%</i></th> <th style="text-align: center;"><i>Thickness</i></th> <th style="text-align: center;"><i>Colour</i></th> <th style="text-align: center;"><i>Vein</i></th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table>	<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>	E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GND						
<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>														
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GND															



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		<p>QLF: ALT FTB FOL</p> <p>Komatiitic basalt (talc altered): dark green, fine grained, massive to local sheared foliation fabric @40 -60tca; local flow top breccia zones, strong prv bi+chl; moderate to strong patchy talc; local serpentine sutures, moderately to strongly deformed; smooth to polished planar fractures parallel to foliation fabric (3-10/m @ 40 - 60 tca); shear zone from 123.10-126.80m @10 - 30 tca; fault at 131.30 - 131.50 @ 40tca, 1-5% folded/ boudinaged V3 threads stringers veinlets overprinted and altered, no significant mineralization; <1% scattered 1mm Py specks, sharp contact at 138m @ 30tca with mafic dyke</p>																			
138.00	145.80	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS BRX</p> <p>mafic dyke: black, fine grained, massive to local chaotic wispy calcite threads/ breccia zones proximal to dyke contacts and fractures, strong bi+amp; moderate to strongly deformed; smooth/polished planar fracs (3-10/m @ 10 - 30 tca), minor carbonate threads stringers, no significant mineralization, broken down hole contact at 145.80m with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK								
Type	Dyke	%	Thickness	Colour	Vein																
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																	
145.80	191.50	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FLT FTB</p> <p>Komatiitic basalt (talc altered): dark green, fine grained, massive to local sheared foliation fabric @40 -60tca; local flow top breccia zones, strong prv bi+chl; moderate to strong patchy talc; local serpentine sutures, moderately to strongly deformed; smooth to polished planar fractures parallel to foliation fabric (3-10/m @ 40 - 60 tca); fault zones from 145.80m - 150 @10-30tca with intermittent gouge; 191.70 - 192.50m @ 10-30tca, 1-5% folded/ boudinaged V3 threads stringers veinlets @ 40 - 60 tca overprinted and altered, no significant mineralization; <1% scattered 1mm Py specks, sharp contact at</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GND								
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191.50	192.55	<p>Feature 1</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL FLT</p> <p>mafic dyke: black to dark green, fine grained, biotite laths weakly define foliation fabric @ 10 - 30 tca, strong prv bi+amp; deformed calcite threads and stringers; fault zone from 191.75 - 192.30m @ 10 -30 tca, no significant mineralization, upper and lower contacts undefined</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK								
Type	Dyke	%	Thickness	Colour	Vein																
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																	
192.55	198.00	<p>Feature 1</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT SHD MAS</p> <p>Komatiitic basalt (talc altered): dark green, fine grained, massive to local sheared foliation fabric @40 -60tca; local flow top breccia zones, strong prv bi+chl; weak patchy talc; local serpentine sutures; strong prv sil, moderately to strongly deformed; smooth to polished planar fractures parallel to foliation fabric (2-4/m @ 40 - 60 tca); <1% folded/ boudinaged V3 threads stringers veinlets @ 40 - 60 tca overprinted and altered, no significant mineralization; <1% scattered 1mm Py specks, undefined contact with mafic dyke around 198</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM								
Type	Dyke	%	Thickness	Colour	Vein																
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198.00	203.30	<p>Feature 1</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0									
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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)									
		<p>QLF: ALT FOL DEF</p> <p>mafic dyke: black to dark green, fine grained, biotite laths weakly define foliation fabric @ 10 - 30 tca, strong prv bi+amp; deformed calcite threads and stringers veins @ 10 - 30tca, no significant mineralization, upper and lower contacts undefined</p>																		
203.30	306.50	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FLT MAS</p> <p>Komatiitic basalt (talc altered): dark green, fine grained, massive to local sheared foliation fabric @40 -60tca; local flow top breccia zones, strong prv bi+chl; weak to moderate patchy talc; local serpentine sutures; local strong patchy sil, weak to strongly deformed(massive silicified to faulted zones); smooth to polished planar fractures parallel to foliation fabric (2-5/m @ 40 - 60 tca); fault zone from 205.35 - 205.90m @ 20 tca; 217 - 226m @5-15 tca; 287.30-287.80m @ 10 - 40tca with polished/slicked surfaces, <1% folded/ boudinaged V3 threads stringers veinlets @ 40 - 60 tca overprinted and altered, no significant mineralization; <1% scattered 1mm Py, sharp cyke contact at 306.50m @ 30 tca with Felsic dyke</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM																
306.50	315.45	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS XEN</p> <p>felsic dyke: grey, fine to med grained, massive, strong spotty bi; moderate med grained spotty chl; strong prv sil+ser, mod deformation; rough undulating fractures (2-3/m @20); fault zone from 287.30-287.80m @10-40 (slightly rough); chaotic microfractures; 35 cm E0B xenolith at 309.90m, 1% boudinaged deformed smokey quartz stringers, no significant mineralization, sharp dyke contact at 315.45m @40 tca</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
I3 Felsic_intrusive	<input type="checkbox"/>	0	0	GYM																



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
315.45	316.65	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL</p> <p>komatiitic basalt: dark green, fine grained, foliated at 40-50 tca, sttong prv chl+bi; moderate talc, weak deformation; no significant fractures, minor chaotic carbonate threads, no significant mineralization, sharp contact at 316.65m @40tca</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0								
Type	Dyke	%	Thickness	Colour	Vein															
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																	
316.65	322.02	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL MIN</p> <p>high-Ti Basalt (veined and mineralized): black to dark brown, fine grained, foliated at 40 - 60 tca, strong prv bio; silicified; actinolite alt in V2's, moderate deformation; slightly rough planar fractures (2-3/m @20-40tca), 1% moderately deformed V2's (V2A and V2S) @ 30 - 60 tca, up to 10% disseminated and threaded Po, sharp contact at 322.02m @80tca</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK							
Type	Dyke	%	Thickness	Colour	Vein															
E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK																
322.02	327.75	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E1H High_titanium_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BND</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FRG MIN</p> <p>E1H/E0B mixed zone (fragmental, veined, mineralized): brown green mix, fine grained; fragmental (1-4cm</p>	Type	Dyke	%	Thickness	Colour	Vein	E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BND							
Type	Dyke	%	Thickness	Colour	Vein															
E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BND																



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)									
		mineralized E1H), strong bi+chl+act; silicified, strongly deformed; 1-2 rough undulating fracs/m @ 50 tca; veining and original fabric strongly altered and overprinted, 5% boudinaged/strongly deformed altered overprinted V3 threads stringers veinlets at 40 - 50 tca, 5% disseminated sulphides local to E1H, sharp vein contact at 327.75 m @ 50 tca with V2_Bx																		
		Feature 2:																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B <i>Komatiitic_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GNM</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GNM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GNM																
		<i>QLF:</i> ALT FRG MIN																		
327.75	328.85	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V2_BX <i>Quartz_Vein_with_Fragments</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	V2_BX <i>Quartz_Vein_with_Fragments</i>	<input type="checkbox"/>	0	0	WHT							
Type	Dyke	%	Thickness	Colour	Vein															
V2_BX <i>Quartz_Vein_with_Fragments</i>	<input type="checkbox"/>	0	0	WHT																
		<i>QLF:</i> ALT FRG MAS																		
		Quartz breccia vein: fine grained, white to light green, massive to fragmental, strong sil; strong patchy ser; strong ff act; altered 1-4 cm E0B fragments, moderate to strong deformation; 3 rough undulating fracs @ 30 tca, no significant mineralization, sharp contact at 328.85m @ 50 tca with E0B																		
328.85	337.95	Feature 1																		
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B <i>Komatiitic_basalt</i></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table>	Type	Dyke	%	Thickness	Colour	Vein	E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	95	0	GYM							
Type	Dyke	%	Thickness	Colour	Vein															
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	95	0	GYM																
		<i>QLF:</i> ALT VND DEFS																		
		komatiitic basalt: grey - light green, fine grained, foliated at 40-50 tca, strong prv chl+bi; strong patchy																		



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		silicification (proximal to intrusive V2's); weak to moderate patchy talc; local 1-3cm serpentine sutures, mod deformation; annealed shear zone from 330.50 - 332; 2-5 smooth planar to polished fracs at 40 -60 tca, up to 5% strongly deformed folded boudinaged altered V3 threads stringers veinlets @ 30 - 60 tca; locally chaotic, no significant mineralization, sharp contact at 337.95m @40tca								
		Feature 2:								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT	L			
		QLF: ALT VND DEFS								
337.95	338.30	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		V2_BX Quartz_Vein_with_Fragments	<input type="checkbox"/>	0	0	WHT				
		QLF: ALT FRG DEFW								
		Quartz breccia vein: fine grained, white to light green, massive to fragmental, strong sil; strong patchy ser; strong ff act; 1-2 cm altered/ partially assimilated E0B fragments, no significant mineralization, sharp contact at 338.3m @ 40tca with E0B								
338.30	370.75	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYM				
		QLF: ALT FOL VND								
		komatiitic basalt: grey - light green, fine grained, foliated at 40-50 tca, strong prv chl+bi; strong patchy								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		silicification (proximal to intrusive V2's); weak to moderate patchy talc; local 1-3cm serpentine sutures, mod deformation; 2-5 smooth planar to polished fracs at 40 -60 tca, up to 5% strongly deformed folded boudinaged altered V3 threads stringers veinlets @ 30 - 60 tca; locally chaotic, no significant mineralization, chilled dyke contact with fault gouge at 370.75m @10tca								
		Feature 2:								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT				
		QLF: ALT FOL VND								
370.75	381.00	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		I1 Mafic_intrusive	<input checked="" type="checkbox"/>	0	0	BLK				
		QLF: ALT FOL CHM								
		gabbro: dark grey - black, fine to medium grained, massive proximal to chilled contact margins; foliated @ 40 - 50 tca, strong prv bi; strong spotty amp, moderately deformed; 3-4 slightly rough planar fractures / meter running sub-parallel to 20 tca, trace scattered 0.5mm pyrite, chilled contact at 381m @20 with E0B								
381.00	402.00	Feature 1								
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		E0B Komatiitic_basalt	<input type="checkbox"/>	70	0	GYD				
		QLF: ALT VND SHD								
		komatiitic basalt (intermittent 10 - 50 cm mafic dykes intruding @ 15 - 30 tca): dark grey-green, fine grained,								



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-06**

Project: **PHOENIX**

Project Number: **2**

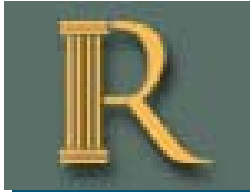
<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

massive to foliated @ 40 - 50 tca, strong prv chl; mod prv bi; mod patchy talc; strong patchy act; silicified, moderate deformation; 1-2/m rough undulating fracs @ 40 - 50 tca; shear zone from 387.80 - 389.20m @ 10 - 15 tca, 5% chaotic folded boudinaged altered overprinted V3's, no significant mineralization, END of

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I1 <i>Mafic_intrusive</i>	<input type="checkbox"/>	30	0	BLK	

QLF: ALT VND SHD



DRILL HOLE REPORT

Hole Number **685L-17-07**

Project: **PHOENIX**

Project Number: **2**

Drilling	Casing	Core	Location	Other
Azimuth: 74.32	Length: 0	Dimension: NQ	Township: Bateman	Logged by: D. Heavysége
Dip: 12.14	Pulled:	Storage: Core Farm	Claim No.: KRL246, KR	Relog by:
Length: 402	Capped:	Section:	NTS: 52N04	Contractor: Boart Longyear
Started: 19-Oct-17	Cemented:	Hole Type Diamond drill	Hole: UNDERGRO	Spotted by: C. Hunter
Completed: 25-Oct-17				Surveyed: yes
Logged: 30-Oct-17				Surveyed by: Mark Cottrell
Comment:				Geophysics:
			Coordinate - Gemcom	Coordinate - UTM
			East: 10034.563	East: 448248.12
			North: 50078.939	North: 5663994.23
			Elev.: 4683.834	Elev.: -316.17
				Zone: 15N NAD: NAD83
				Left in hole:
				Making water:
				Multi shot survey: yes

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	74.32	12.14	C	<input type="checkbox"/>	
0.00	74.32	12.14	C	<input checked="" type="checkbox"/>	
10.00	74.62	11.56	Gyro	<input checked="" type="checkbox"/>	
15.00	72.97	11.65	DeviSh ot	<input type="checkbox"/>	
20.00	74.81	11.46	Gyro	<input checked="" type="checkbox"/>	
30.00	75.03	11.35	Gyro	<input checked="" type="checkbox"/>	
40.00	75.20	11.28	Gyro	<input checked="" type="checkbox"/>	
50.00	75.39	11.28	Gyro	<input checked="" type="checkbox"/>	
51.00	77.10	11.17	DeviSh ot	<input type="checkbox"/>	
60.00	75.63	11.21	Gyro	<input checked="" type="checkbox"/>	
70.00	75.86	11.11	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
80.00	76.20	10.96	Gyro	<input checked="" type="checkbox"/>	
90.00	76.34	10.90	Gyro	<input checked="" type="checkbox"/>	
100.00	76.65	10.92	Gyro	<input checked="" type="checkbox"/>	
102.00	74.73	10.98	DeviSh ot	<input type="checkbox"/>	
110.00	77.01	10.79	Gyro	<input checked="" type="checkbox"/>	
120.00	77.04	10.76	Gyro	<input checked="" type="checkbox"/>	
130.00	77.09	10.63	Gyro	<input checked="" type="checkbox"/>	
140.00	77.11	10.45	Gyro	<input checked="" type="checkbox"/>	
150.00	77.08	10.27	Gyro	<input checked="" type="checkbox"/>	
150.00	77.09	9.94	DeviSh ot	<input type="checkbox"/>	
160.00	77.32	10.39	Gyro	<input checked="" type="checkbox"/>	



HEADER REPORT

Hole Number 685L-17-07

Project: PHOENIX

Project Number: 2

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
170.00	77.63	10.36	Gyro	<input checked="" type="checkbox"/>	
180.00	77.75	10.27	Gyro	<input checked="" type="checkbox"/>	
190.00	77.91	10.32	Gyro	<input checked="" type="checkbox"/>	
200.00	78.13	10.41	Gyro	<input checked="" type="checkbox"/>	
201.00	74.74	10.33	DeviSh ot	<input type="checkbox"/>	
210.00	78.21	10.41	Gyro	<input checked="" type="checkbox"/>	
220.00	78.21	10.43	Gyro	<input checked="" type="checkbox"/>	
230.00	78.49	10.49	Gyro	<input checked="" type="checkbox"/>	
240.00	78.47	10.51	Gyro	<input checked="" type="checkbox"/>	
250.00	78.94	10.32	Gyro	<input checked="" type="checkbox"/>	
252.00	78.86	10.11	DeviSh ot	<input type="checkbox"/>	
260.00	78.97	10.36	Gyro	<input checked="" type="checkbox"/>	
270.00	79.01	10.24	Gyro	<input checked="" type="checkbox"/>	
280.00	79.08	10.12	Gyro	<input checked="" type="checkbox"/>	
290.00	79.58	10.05	Gyro	<input checked="" type="checkbox"/>	
300.00	80.05	10.07	Gyro	<input checked="" type="checkbox"/>	
303.00	82.06	9.84	DeviSh ot	<input type="checkbox"/>	Suspect.....
310.00	80.24	9.92	Gyro	<input checked="" type="checkbox"/>	
320.00	80.56	10.09	Gyro	<input checked="" type="checkbox"/>	
330.00	80.99	10.14	Gyro	<input checked="" type="checkbox"/>	
340.00	81.29	10.13	Gyro	<input checked="" type="checkbox"/>	
350.00	81.41	9.78	Gyro	<input checked="" type="checkbox"/>	
354.00	82.59	9.55	DeviSh ot	<input type="checkbox"/>	
360.00	81.35	9.43	Gyro	<input checked="" type="checkbox"/>	
370.00	81.28	9.11	Gyro	<input checked="" type="checkbox"/>	
380.00	81.25	8.91	Gyro	<input checked="" type="checkbox"/>	
390.00	81.61	8.87	Gyro	<input checked="" type="checkbox"/>	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
400.00	81.93	8.87	Gyro	<input checked="" type="checkbox"/>	
402.00	82.29	8.55	DeviSh ot	<input type="checkbox"/>	



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA	FAG	MS	FAA
							Au (ppm)	Au (ppm)	Au (ppm)	Au (ppm)
0.00	27.65	Feature 1								
		<p style="text-align: center;">Type</p> <p>I3 Felsic_intrusive</p> <p>QLF: FOL DEF VND</p> <p>felsic dyke: reddish-brown grey mix, fine grained, foliated @ 40 - 60 tca, strong spotty bi; weak to locally strong spotty med grained chl (typically in bleached zones), strong prv sil + ser, moderate to strong deformation; local chaotic microfracture zones; annealed cataclastic shear zones (overprinted by strong bio+ser) from 8.15 - 8.85m; 9.40 - 10.25m; 26.90 - 27.65m @ 10 - 30 tca, 1% to locally 5% deformed smokey quartz stringers veinlets @ 60 - 70 tca; Qtz-carb-act (V2A) threads stringers veinlets at 30 - 60 tca; some bearing sulphides, 1-3% scattered to locally semi massive Py- Po, sharp contact at 27.65m @ 70 tca with V2_BX</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">□ 0 0 GYM</p>								
		Feature 2:								
		<p style="text-align: center;">Type</p> <p>V2 Quartz_vein</p> <p>QLF: FOL DEF VND</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">□ 0 0 GYD</p>								
27.65	28.60	Feature 1								
		<p style="text-align: center;">Type</p> <p>V2_BX Quartz_Vein_with_Fragments</p> <p>QLF: ALT FRG DEF</p> <p>quartz breccia vein: smokey grey to beige, fine grained, massive to 1-3 cm fragmental, strong patchy ser; strong prv sil; moderately deformed; 4 rough undulating fracs @ 30 - 40 tca, trace scattered sulphides, sharp contact at 28.60m @ 70 tca with felsic dyke</p>								
		<p style="text-align: center;">Dyke % Thickness Colour Vein</p> <p style="text-align: center;">□ 0 0 GYM</p>								



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Project: **PHOENIX**

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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
28.60	52.85	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT DEFS FOL</p> <p>felsic dyke: reddish-brown grey mix, fine grained, foliated @ 40 - 60 tca, strong spotty bi; weak to locally strong spotty med grained chl (typically in bleached zones), strong prv sil + ser, moderate to strong deformation; local chaotic microfracture zones; cataclastic shear zone from 52.60 - 52.80m 30 - 40 tca, 1% to locally 3% deformed smokey quartz stringers veinlets @ 60 - 70 tca; Qtz-carb-act (V2A) threads stringers veinlets at 30 - 60 tca; some bearing sulphides, 20-30cm QFP intrusions from 39.75 - 39.95m; 41.45 - 41.75m with chilled contacts at ~30tca, 1% scattered sulphides, sharp contact at 52.85m @40 tca with QFP</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	☐	95	0	GYM								
Type	Dyke	%	Thickness	Colour	Vein																
I3 Felsic_intrusive	☐	95	0	GYM																	
		Feature 2:																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3R QFP</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT DEFS FOL</p>	Type	Dyke	%	Thickness	Colour	Vein	I3R QFP	☐	5	0	BNM								
Type	Dyke	%	Thickness	Colour	Vein																
I3R QFP	☐	5	0	BNM																	
52.85	53.10	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I3 Felsic_intrusive</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">BNM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT PHE</p> <p>QFP: dark brown, 1-2mm euhedral phenos, foliated at 40tca, very strong prv bi+ser, no significant deformation veining mineralization, chilled contact margins; down-hole at 53.10m @ 20 tca with mafic intrusive</p>	Type	Dyke	%	Thickness	Colour	Vein	I3 Felsic_intrusive	☐	0	0	BNM								
Type	Dyke	%	Thickness	Colour	Vein																
I3 Felsic_intrusive	☐	0	0	BNM																	



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
53.10	54.15	Feature 1								
		Type								
		I1 Mafic_intrusive	☐	0	0	GND				
		QLF: ALT GS0 XEN								
		mafic dyke: dark green, aphanitic, two 10 cm partially assimilated felsic xenoliths, strong prvbi+chl+amp, no significant veining mineralization or deformation, sharp contact margins; down-hole contact at 54.15 @ 40 tca								
54.15	62.20	Feature 1								
		Type								
		I3 Felsic_intrusive	☐	97	0	GYM				
		QLF: ALT DEF FOL								
		felsic dyke: reddish-brown grey mix, fine to medium grained, foliated @ 40 - 60 tca, strong spotty bi; weak to locally strong spotty med grained chl (typically in bleached zones), strong prv sil + ser, moderate to strong deformation; local chaotic microfracture zones; 30 - 40 tca, 1% to locally 3% deformed smokey quartz stringers veinlets @ 60 - 70 tca; Qtz-carb-act (V2A) threads stringers veinlets at 30 - 60 tca; some bearing sulphides, 20-30cm QFP intrusions from 39.75 - 39.95m; 41.45 - 41.75m with chilled contacts at ~30tca, trace scattered sulphides, contact with QPF undefined...								
		Feature 2:								
		Type								
		V2 Quartz_vein	☐	3	0	GYD				
		QLF: ALT DEF FOL								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)							
62.20	67.90	Feature 1																
		Type I3 Felsic_intrusive QLF: ALT PHE DEF QFP: grey to grey-brown, fine grained, 1-2mm euhedral feldspar phenos aligned with foliation fabric @ 40 - 50tca, strong prv to spotty bio; strong patchy med grained chl; strong prv ser+sil; moderately deformed; 2-4 slightly rough planar fracs @ 20 - 50 tca; fault zone from 67.02 - 67.15 @ 20, trace scattered sulphides, sharp contact at 67.90m @ 5 tca																
		<table border="0"> <tr> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </table>	Dyke	%	Thickness	Colour	Vein	<input type="checkbox"/>	0	0	GYM							
Dyke	%	Thickness	Colour	Vein														
<input type="checkbox"/>	0	0	GYM															
67.90	75.45	Feature 1																
		Type E0B Komatiitic_basalt QLF: ALT FOL DEF Komatiitic basalt: dark green, fine grained, foliated at ~40tca; two 10 cm QFP intrusions, strong prv bi+chl; mod prv talc, moderately deformed; 1 - 2 slightly rough planar fracs/ meter @ ~40 tca, no significant veining or mineralization, sharp contact at 75.45m @ 20 tca with felsic dyke																
		<table border="0"> <tr> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GND</td> <td></td> </tr> </table>	Dyke	%	Thickness	Colour	Vein	<input type="checkbox"/>	0	0	GND							
Dyke	%	Thickness	Colour	Vein														
<input type="checkbox"/>	0	0	GND															
75.45	76.40	Feature 1																
		Type I3 Felsic_intrusive QLF: ALT PHE FRA QFP: grey, fine grained, 1-2mm feldspar phenos, foliated at ~40 tca, mod spotty bio+chl; strong prv sericite, moderately deformed; annealed chaotic microfractures, no significant veining; mineralization, sharp contact at 76.40m @ 70 tca																
		<table border="0"> <tr> <td style="text-align: center;">Dyke</td> <td style="text-align: center;">%</td> <td style="text-align: center;">Thickness</td> <td style="text-align: center;">Colour</td> <td style="text-align: center;">Vein</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYD</td> <td></td> </tr> </table>	Dyke	%	Thickness	Colour	Vein	<input type="checkbox"/>	0	0	GYD							
Dyke	%	Thickness	Colour	Vein														
<input type="checkbox"/>	0	0	GYD															



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Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>FAA</i> (ppm)	<i>FAG</i> (ppm)	<i>MS</i> (ppm)	<i>FAA</i> (ppb)
--------------------	------------------	----------------	-----------------	-------------	-----------	---------------	--------------------	---------------------	---------------------	--------------------	---------------------

76.40 96.20 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
E0B Komatiitic_basalt	<input type="checkbox"/>	97	0	GND	

QLF: ALT SPN FOL

Komatiitic basalt: dark green to dark grey, fine grained, massive; altered pillow selveges; local spinifex texture; weakly foliated ~40tca after 92m, very strong prv chl; strong prv bio; moderate to strong talc starting after 92m, up to 3 % deformed altered boudinaged V3 threads stringers veinlets @ 20 - 40 tca; veining starts after 92m (minor threads prior to 92m), 1-3% scattered and threaded Py-Po; weak sulphide replacement in pillow pore space, sharp dyke contact at 96.20 m @ 60 tca with mafic intrusive,

Feature 2:

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
V3 Quartz_carbonate vein	<input type="checkbox"/>	3	0	WHT	

QLF: ALT SPN FOL

96.20 97.00 **Feature 1**

<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK	

QLF: ALT MAS DEFW

mafic dyke: black, fine grained, massive, strong prv bio+amp, no significant veining, no significant mineralization, moderately deformed; 3 slightly rough planar fracs at 30 - 60 tca, chilled contact margins; downhole at 97m @ 60 tca with E0B



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Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)
97.00	98.75	Feature 1									
		Type E0B Komatiitic_basalt QLF: ALT FOL DEFW Komatiitic basalt: dark grey, fine grained, foliated @ ~40 tca, strong prv bi+chl+tlc, minor moderately deformed qtz-carb threads stringes @ 40 - 60 tca, weak deformation; drilling induced breaks, sharp contact at 98.75m @ 50 tca with gabbroic intrusive	Dyke <input type="checkbox"/>	% 0	Thickness 0	Colour GYD	Vein 0				
98.75	107.18	Feature 1									
		Type I1 Mafic_intrusive QLF: ALT FOL DEF gabbro: black to dark grey, fine grained, foliated at ~30 tca, strong prv bio, strong spotty amp, moderate to strong deformation; fault zone from 99.55 - 101.45 @ 10 -30 tca; 2-5 / meter slightly rough planar to undulating fractures @ 10 - 30 tca, no significant mineralization or veining, dyke contact at 107.18m @60tc	Dyke <input type="checkbox"/>	% 0	Thickness 0	Colour BLK	Vein 0				
107.18	140.00	Feature 1									
		Type E0B Komatiitic_basalt QLF: ALT SHD DEFS Komatiitic basalt: dark grey, fine grained, massive -flowtop breccia zones- foliated @ ~30- 40 tca, strong prv bi+chl; weak to moderate patchy talc, 1-5% deformed boudinaged folded altered qtz-carb threads stringes veinlets @30 - 50 tca, mod to stong deformation; strong shear annealed shear zones @ 10 - 30 tca; stong	Dyke <input type="checkbox"/>	% 95	Thickness 0	Colour GYM	Vein 0				



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)	
		fault zones (smooth planar to polished surfaces); 3-10 fracs /m; drilling induced breaks, dyke contact at 140m @ 40 tca with mafic dyke										
		Feature 2:										
		<i>Type</i>	<i>Dyke</i>	%	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		V3 Quartz_carbonate vein	☐	5	0	WHT						
		QLF: ALT SHD DEFS										
140.00	140.45	Feature 1										
		<i>Type</i>	<i>Dyke</i>	%	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		I1 Mafic_intrusive	☐	0	0	BLK						
		QLF: ALT MAS DEFW										
		mafic dyke: black, fine grained, massive, strong prv bi+chl; strong spotty amp; carb flood, no significant veining, deformation, mineralization, chilled contact at 140.45 with E0B										
140.45	156.90	Feature 1										
		<i>Type</i>	<i>Dyke</i>	%	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>					
		E0B Komatiitic_basalt	☐	0	0	GYM						
		QLF: ALT SHD FOL										
		Komatiitic basalt: dark grey, fine grained, massive -flowtop breccia zones- foliated @ ~30- 40 tca, strong prv bi+chl; weak to moderate patchy talc, 1-5% deformed boudinaged folded altered qtz-carb threads stringes veinlets @30 - 50 tca, mod to stong deformation; strong annealed shear zones @ 10 - 30 tca; stong fault zones (smooth planar to polished surfaces); 3-10 fracs /m; drilling induced breaks, felsic dyke contact at										



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<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		156.90 @ 60 tca								
		Feature 2:								
		<i>Type</i>								
		V3 <i>Quartz_carbonate vein</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		<i>QLF:</i> ALT SHD FOL	<input type="checkbox"/>	0	0	WHT				
156.90	158.35	Feature 1								
		<i>Type</i>								
		I3 <i>Felsic_intrusive</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		<i>QLF:</i> ALT FOL XEN	<input type="checkbox"/>	0	0	GYM				
		felsic dyke: grey, fine grained, weak foliation at ~40tca, mod spotty bi+chl; strong prv sericite; 10 cm partially assimilated E0B xeno at 157.40m, weak deformation; mechanical breaks, no veining, trace scattered sulphides, sharp contact at 158.35m @ 60 tca								
158.35	159.20	Feature 1								
		<i>Type</i>								
		E0B <i>Komatiitic_basalt</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>			
		<i>QLF:</i> ALT FOL	<input type="checkbox"/>	0	0	GNM				
		komatiitic basalt: green, fine to medium grained, very strong chl+amp, strong prv bi, weak deformation; no frags, veining completely overprinted and altered, no significant mineralization, chilled contact at 159.20m @ 40 tca								



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA (ppm)	FAG (ppm)	MS (ppm)	FAA (ppb)										
159.20	159.55	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>I1 Mafic_intrusive</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td>BLK</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MAS CHM</p> <p>mafic dyke: black, fine grained, massive, strong prv bi+chl; strong spotty amp; carb flood, no significant veining, deformation, mineralization, chilled contact at 159.55 @20tca with E0B</p>	Type	Dyke	%	Thickness	Colour	Vein	I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK								
Type	Dyke	%	Thickness	Colour	Vein																
I1 Mafic_intrusive	<input type="checkbox"/>	0	0	BLK																	
159.55	195.45	Feature 1																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">95</td> <td style="text-align: center;">0</td> <td>GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT SHD FOL</p> <p>Komatiitic basalt: dark grey, fine grained, massive -flowtop breccia zones- mod to strong foliation@ ~30- 40 tca, strong prv bi+chl; weak to moderate patchy talc, 1-5% deformed boudinaged folded altered qtz-carb threads stringes veinlets @30 - 50 tca, mod to stong deformation; strong annealed shear zones @ 10 - 30 tca; stong fault zones (smooth planar to polished surfaces); 3-10 frags /m, mafic dyke contact at 195.45m @ 60 tca</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYM								
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	95	0	GYM																	
		Feature 2:																			
		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dyke</th> <th style="text-align: left;">%</th> <th style="text-align: left;">Thickness</th> <th style="text-align: left;">Colour</th> <th style="text-align: left;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td style="text-align: center;">0</td> <td>WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT SHD FOL</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT								
Type	Dyke	%	Thickness	Colour	Vein																
V3 Quartz_carbonate vein	<input type="checkbox"/>	5	0	WHT																	



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Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
195.45	200.20	Feature 1									
		Type									
		I1 Mafic_intrusive	Dyke	%	Thickness	Colour	Vein				
		□	0	0	BLK						
		QLF: ALT MAS BRX									
		mafic dyke: black, fine grained, massive with brecciated zones, strong prvbi+amp+chl; carb threads @ 40 tca and breccia infill, moderately deformed; 2-5 smooth to slightly rough planar fracs/meter, no significant veining or mineralization, dyke contact at 200.20m @30 tca with E0B									
200.20	304.70	Feature 1									
		Type									
		E0B Komatiitic_basalt	Dyke	%	Thickness	Colour	Vein				
		□	0	0	GYM						
		QLF: ALT FOL FTB									
		Komatiitic basalt: dark grey, fine grained, massive -flowtop breccia zones- mod to strong shear foliation fabric@ ~30- 40 tca, strong prv bi+chl; moderate patchy talc; serpentine sutures, 1% deformed boudinaged folded altered qtz-carb threads stringes veinlets @30 - 50 tca, strong deformation; strong fault zones (smooth planar to polished surfaces); 3 - 10 fracs/m, sharp dyke contact at 304.70m @ 60 tca with felsic dyke									
304.70	318.00	Feature 1									
		Type									
		I3 Felsic_intrusive	Dyke	%	Thickness	Colour	Vein				
		□	97	0	GYM						
		QLF: ALT FLT MIN									
		felsic dyke: grey, fine to medium grained, massive to sheared fabric at 10-50tca, strong prv ser+sil; mod spotty bi + med grained chl, moderately deformed; 2-5 fracs /meter at 30 - 50 tca; fault zones: FLT1 (blackline)									



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From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

faulting) from 305.50 - 306.10m @10-30; altered fault zone (strong overprinting sericite) from 306.10 - 311.90m @10 - 30), 1-3% moderately deformed slightly boudinaged smokey qtz (V2) veinlets @ 40 - 60 tca; moderately deformed boudinaged sulphide bearing (V2S) veinlets (1-2cm) @ 10 - 40 tca (2cm V2S at 312.45m @ 40tca contains several 1mm VG specks), 1-3% scattered and blebed sulphides (Cp-Po-Py), sharp contact at 318m @ 60 tca with E0B/E1H mixed zone

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
V2S <i>Quartz_vein_with_sulphides</i>	<input type="checkbox"/>	3	0		L

QLF: ALT FLT MIN

318.00 319.30 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	50	0	GND	

QLF: ALT FOL MAG

Komatiite/Hi-Ti Basalt mixed zone: dark green brown, fine grained, foliated @50-70tca to fragmental (1-3cm), strong prv bio+chl, carb threading and banding local to contact margins, moderately to strongly deformed; extensional tca fracs and threading, strongly magnetic, no significant veining, 3% very fine disseminated sulphides, sharp contact at 320.30m @ 70 tca with komatiitic basalt,

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
E1H <i>High_titanium_basalt</i>	<input type="checkbox"/>	50	0	BND	

QLF: ALT FOL MAG



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)										
319.30	322.10	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">GYM</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL VND</p> <p>Komatiitic basalt: dark grey, fine grained, foliated at 40-60tca, mod to strong shear foliation fabric@ ~30- 40 tca, strong prv bi+chl; moderate patchy talc; serpentine sutures, 1% deformed boudinaged folded altered qtz-carb threads stringers veinlets @50 - 60 tca, sharp contact at 322.10m @ 60 tca with E0B/E1H mixed zone.</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM								
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0	GYM																	
		<p>Feature 2:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>V3 Quartz_carbonate vein</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">WHT</td> <td></td> </tr> </tbody> </table> <p>QLF: ALT FOL VND</p>	Type	Dyke	%	Thickness	Colour	Vein	V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT								
Type	Dyke	%	Thickness	Colour	Vein																
V3 Quartz_carbonate vein	<input type="checkbox"/>	0	0	WHT																	
322.10	323.50	<p>Feature 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: center;">Dyke</th> <th style="text-align: center;">%</th> <th style="text-align: center;">Thickness</th> <th style="text-align: center;">Colour</th> <th style="text-align: center;">Vein</th> </tr> </thead> <tbody> <tr> <td>E0B Komatiitic_basalt</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> </tbody> </table> <p>QLF: ALT MIN MAG</p> <p>Komatiite/Hi-Ti Basalt mixed zone: dark green brown, fine grained, foliated @50-70tca to fragmental (1-3cm), strong prv bio+chl, carb threading and banding local to contact margins, moderately to strongly deformed; extensional tca fracs and threading infilled with a, strongly magnetic, no significant veining, 3% very fine disseminated sulphides, sharp contact at 323.50m @ 60 tca with E1H</p>	Type	Dyke	%	Thickness	Colour	Vein	E0B Komatiitic_basalt	<input type="checkbox"/>	0	0									
Type	Dyke	%	Thickness	Colour	Vein																
E0B Komatiitic_basalt	<input type="checkbox"/>	0	0																		



LITHOLOGY REPORT - Detailed -

Hole Number **685L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
		Feature 2:									
		Type									
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0						
		QLF: ALT MIN MAG									
323.50	333.15	Feature 1									
		Type									
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BLK					
		QLF: ALT MAS MIN									
		High-ti basalt (mineralized): black, fine grained, massive, strong prv biotite; silicified; strong actinolite in threads and veining; local 1-4cm fuchsite bands and patches, moderately deformed; fault zone from 323.80 - 324.50m @ 5-10tca (polished surfaces); 330.80 - 331.55m @ 20 tca (slicked surfaces); 2-5 slightly rough planar to undulating fracs / meter @ 20-40 tca, <1% boudinaged/folded qtz (V2) and qtz-carb-act (V3A) stringers veinlets veins @ 40 - 60 tca, locally up to 15% disseminated Py-Po; scattered 1-2mm blebs in veining; Po thread fracture infill, sharp contact at 333.15m @55tca with E0B/E1H mixed zone.									
333.15	335.70	Feature 1									
		Type									
		E1H High_titanium_basalt	<input type="checkbox"/>	0	0	BND					
		QLF: ALT FRG MAG									
		Komatiite/Hi-Ti Basalt mixed zone: dark green brown, fine grained, foliated @50-70tca to fragmental (1-3cm), strong prv bio+chl, carb threading and banding local to contact margins, moderately to strongly deformed; extensional tca fracs and threading, strongly magnetic, 1% altered V2 +V2A @ 40 - 70 tca, <1% very fine disseminated sulphides, sharp contact at 335.70m @ 80 tca with V2_Bx									



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-07**

Project: **PHOENIX**

Project Number: **2**

From (m)	To (m)	Geology	Sample #	From	To	Length	Au (ppm)	FAA Au (ppm)	FAG Au (ppm)	MS Au (ppm)	FAA Au (ppb)
-------------	-----------	---------	----------	------	----	--------	-------------	--------------------	--------------------	-------------------	--------------------

Feature 2:

Type	Dyke	%	Thickness	Colour	Vein
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GNM	
QLF: ALT FRG MAG					

335.70 336.10 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
V2_BX <i>Quartz_Vein_with_Fragments</i>	<input type="checkbox"/>	0	0	WHT	
QLF: ALT FRG					

quartz breccia vein: smokey grey to white, fine grained, massive to 1-3 cm fragmental, strong patchy ser;
strong prv sil; strong actinolite alt, trace scattered sulphides, sharp contact at 336.1m @ 70 tca with E0B

336.10 402.00 **Feature 1**

Type	Dyke	%	Thickness	Colour	Vein
E0B <i>Komatiitic_basalt</i>	<input type="checkbox"/>	0	0	GYM	
QLF: ALT FOL DEF					

komatiitic basalt: darkgrey-green, fine grained, sheared foliation fabric@ 40 - 60 tca to brecciated zones,
strong prv bi+chl, moderate patchy talc; moderate to strong actinolite local to veining, moderately deformed;
1-4 slightly rough planar fracs / meter; annealed shear zones; carbonate breccia zones, 1-5% boudinaged/
deformed/ altered V3 threads stringers veinlets veins parallel to foliation fabric; 20-50 cm V2A's in
sheared/breccia zones; no significant veining below 366m, no significant mineralization, END OF HOLE

Feature 2:



LITHOLOGY REPORT

- Detailed -

Hole Number **685L-17-07**

Project: **PHOENIX**

Project Number: **2**

<i>From</i> (m)	<i>To</i> (m)	<i>Geology</i>					<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>FAA</i> <i>Au</i> (ppm)	<i>FAG</i> <i>Au</i> (ppm)	<i>MS</i> <i>Au</i> (ppm)	<i>FAA</i> <i>Au</i> (ppb)
		<i>Type</i>	<i>Dyke</i>	<i>%</i>	<i>Thickness</i>	<i>Colour</i>	<i>Vein</i>							
		V3 <i>Quartz_carbonate vein</i>	<input type="checkbox"/>	0	0	WHT								
		<i>QLF:</i> ALT FOL DEF												

APPENDIX 3

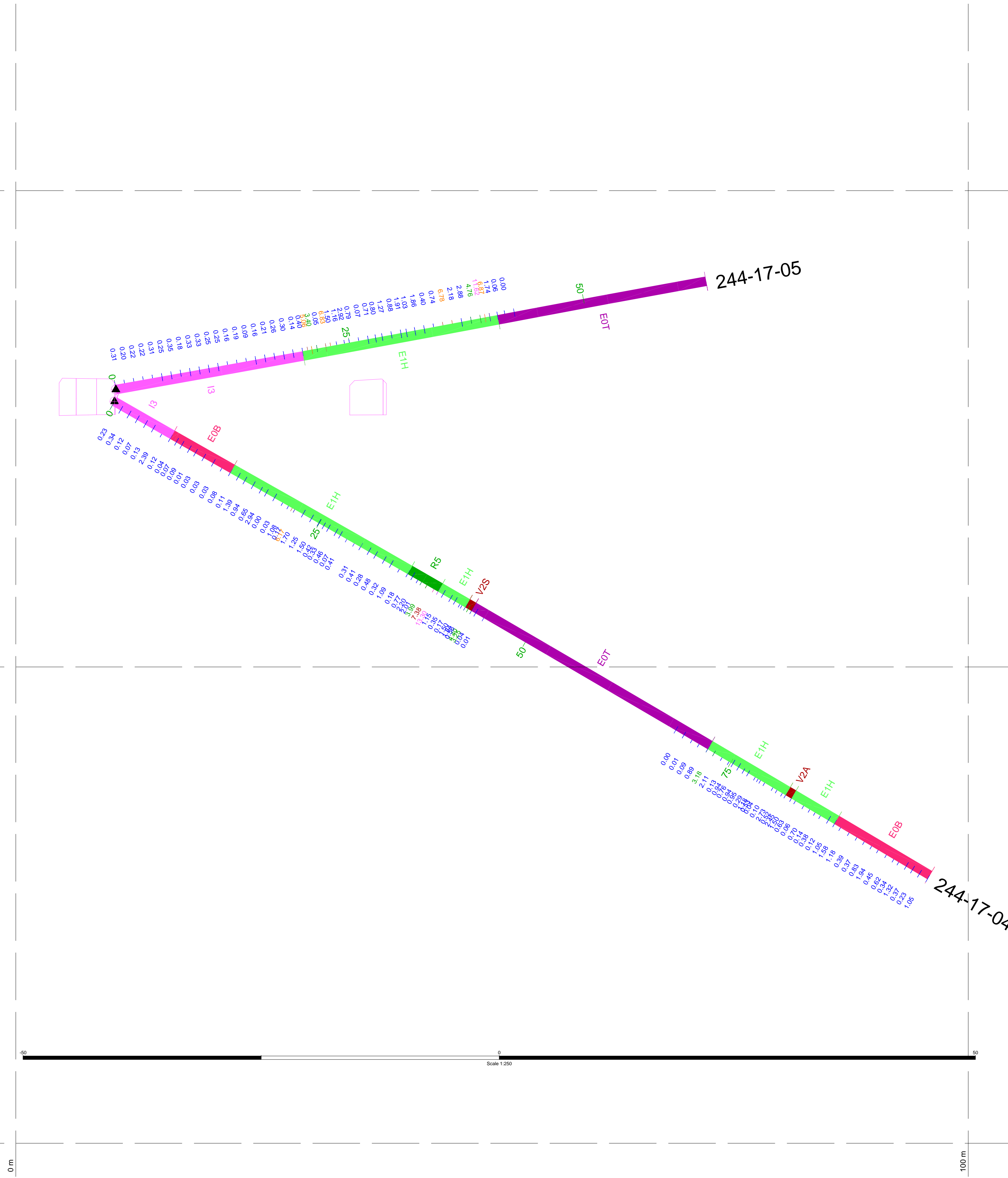
Drill hole vertical sections



5150 m

5100 m

5050 m



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LEGEND:

BRX - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
EOT - Talc Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
IOE - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

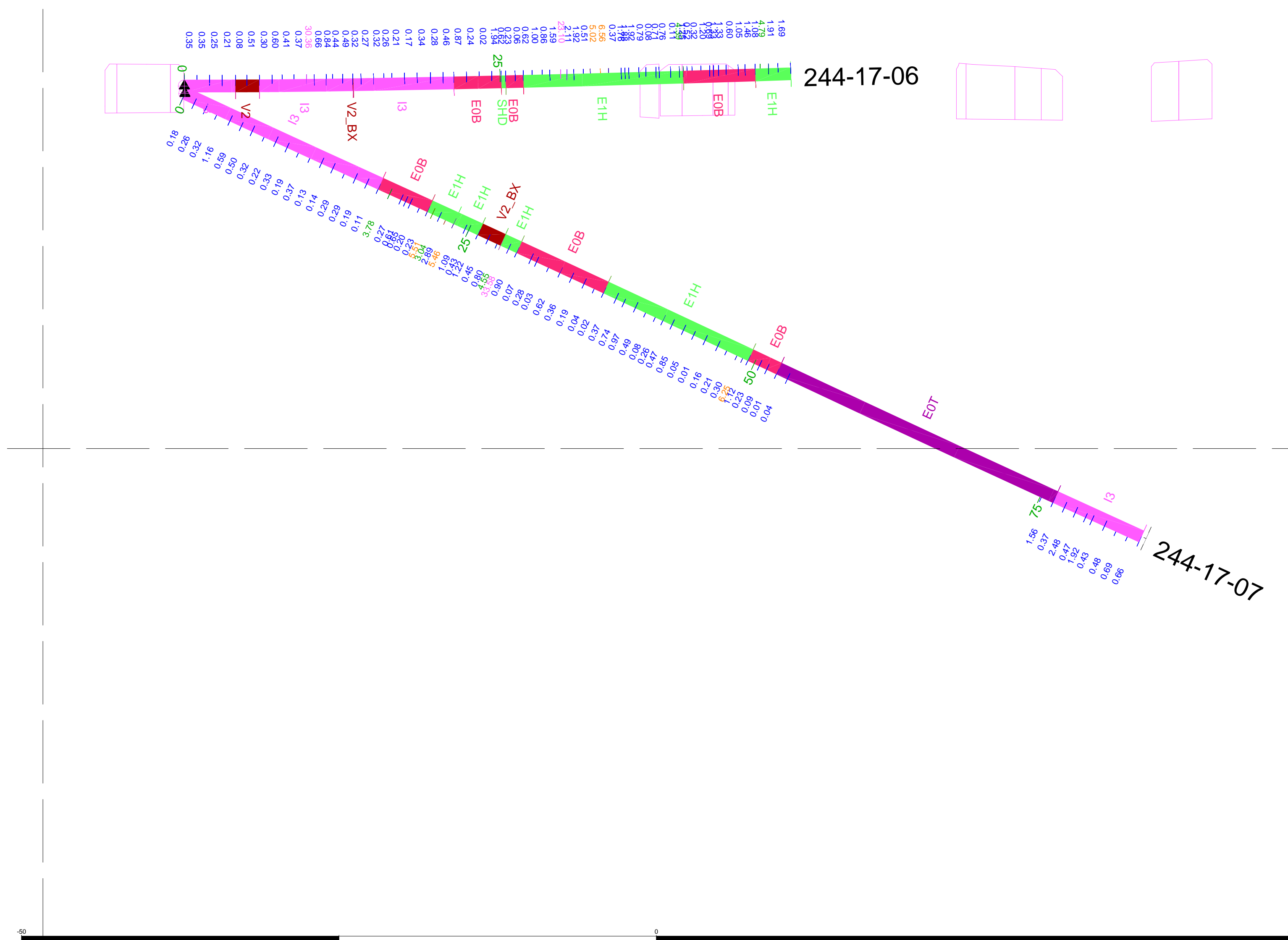
0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	2 4 4 L	
SECTION AZIMUTH:	150	CORRIDOR: +/- 20m
DRILL HOLES:	244-17-04, 244-17-05	
DRAWN BY:	Dave Heavysage	

5150 m

5100 m

5050 m

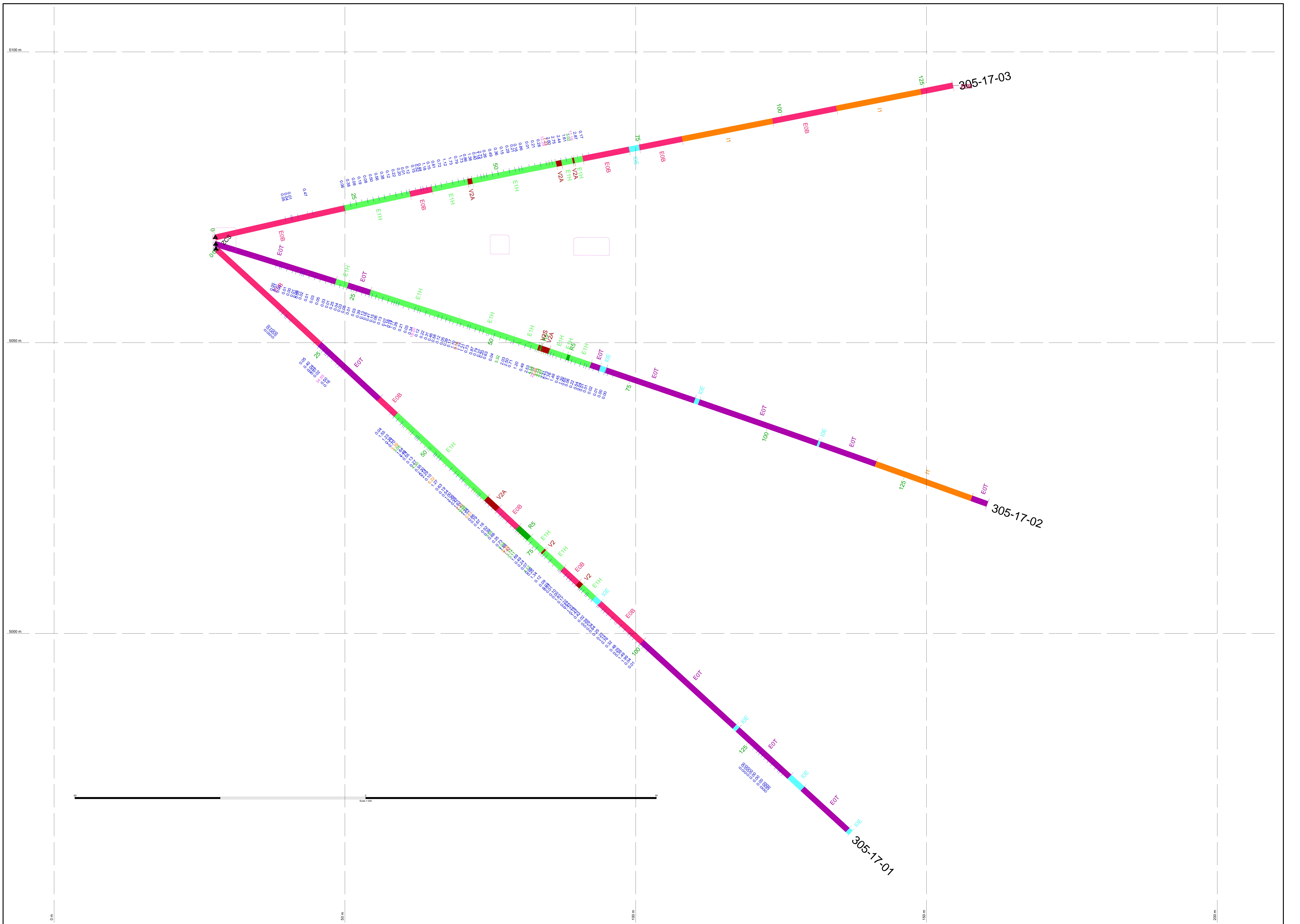


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LEGEND:		
■ BRX - Breccia Zone	■ I1 - Mafic Intrusive	■ V2S - Quartz Vein with Sulfides
■ EOB - Komatiitic Basalt	■ I3 - Felsic Intrusive	■ V2_Bx - Quartz Breccia Vein
■ EOT - Talc Altered Ultra Mafic	■ RS - Sulfide Replacement	■ ZLC - Lost Core
■ E1A - Basalt	■ V1 - Carbonate Vein	■ ZMC - Missing Core
■ E1H - High Titanium Basalt	■ V2 - Quartz Vein	- Claims Boundary
■ IOE - Lamprophyric Dyke	■ V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)	
■	0.00 - 3.00
■	3.00 - 5.00
■	5.00 - 7.00
■	7.00 - 10.00
■	10.00 - 100.00

LEVEL:	2 4 4 L	
SECTION AZIMUTH:	165	CORRIDOR: +/- 30m
DRILL HOLES:	244-17-06, 244-17-07	
DRAWN BY:	Dave Heavysage	



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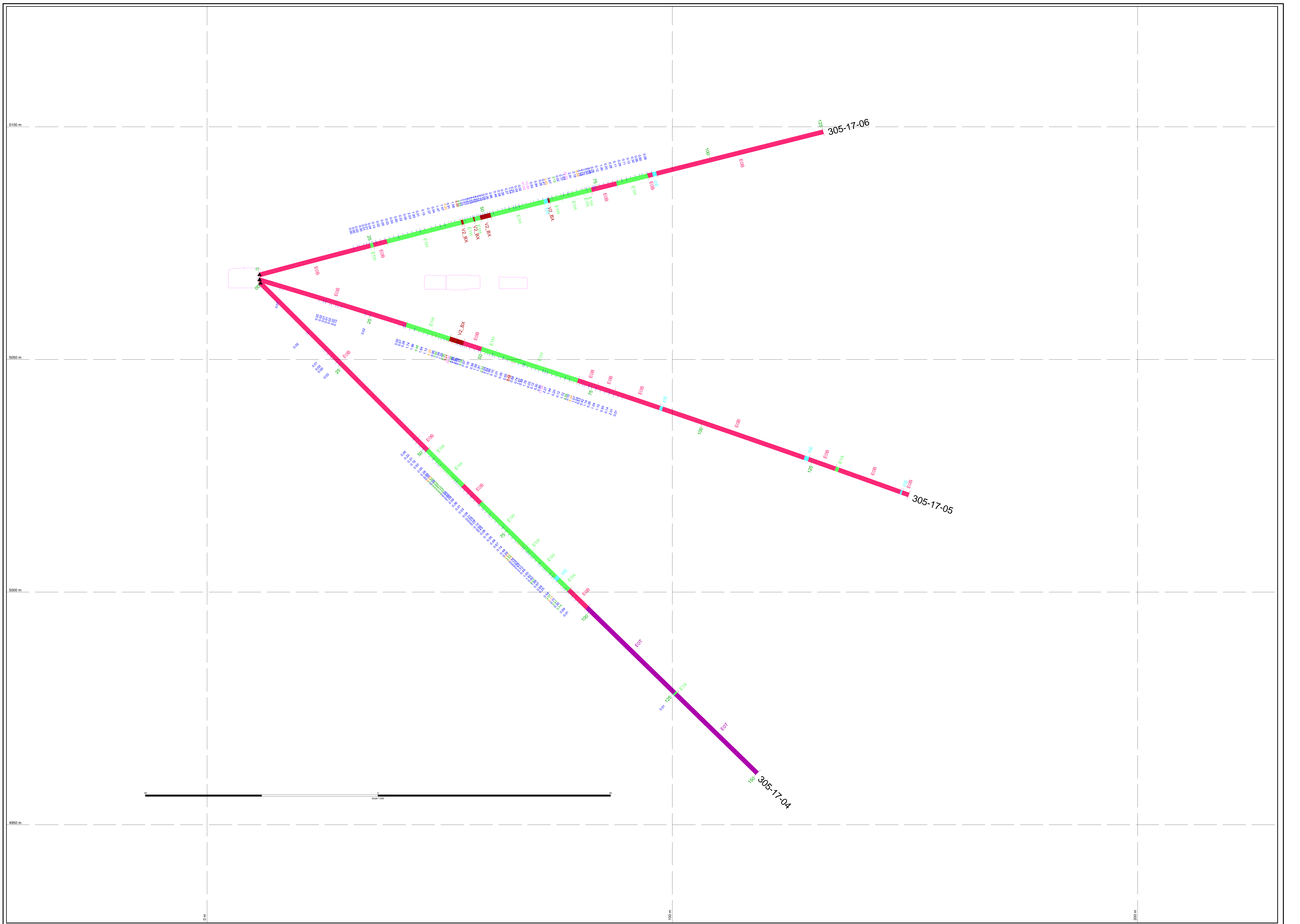
LEGEND

BRZ - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I2 - Felsic Intrusive	V2_BK - Quartz Breccia Vein
EOT - Talc-Altered Ultra Mafic	R5 - Sulfide Replacement	LCC - Lost Core
EA - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
EHA - High Titanium Basalt	V2 - Quartz Vein	CB - Claims Boundary
IOE - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

	0.00 - 3.00
	3.00 - 5.00
	5.00 - 7.50
	7.50 - 10.00
	10.00 - 100.00

LEVEL:	305 L	
SECTION:	102	CORRIDOR: +/- 15m
DRILL HOLES:	305-17-01, 305-17-12m, 305-17-03	
DRAWN BY:	Dave Heavysge	

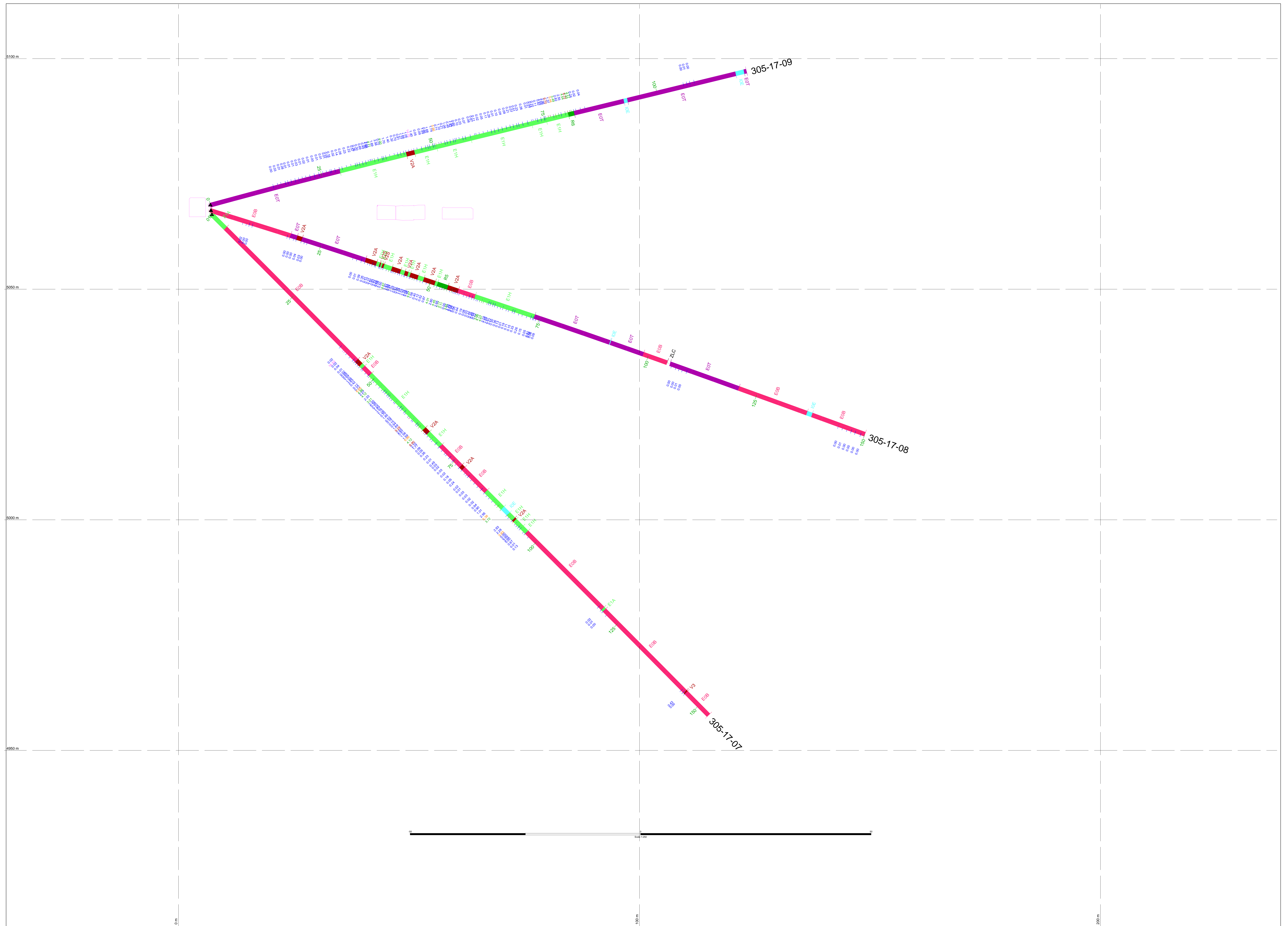


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LEGEND:		
BRZ - Breccia Zone	II - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	II - Felsic Intrusive	V2_BK - Quartz Breccia Vein
EOT - Talc-Altered Ultra Mafic	IS - Sulfide Replacement	LOC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	- - Claims Boundary
KE - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- - Drift Outline

GOLD VALUES (g/t)	
0.00 - 3.00	Blue
3.00 - 5.00	Green
5.00 - 7.50	Yellow
7.50 - 10.00	Orange
10.00 - 100.00	Red

LEVEL: 305 L	
SECTION: 087	CORRIDOR: +/- 10m
DRILL HOLES: 305-17-04, 305-17-05, 305-17-06	
DRAWN BY: Dave Heavysage	



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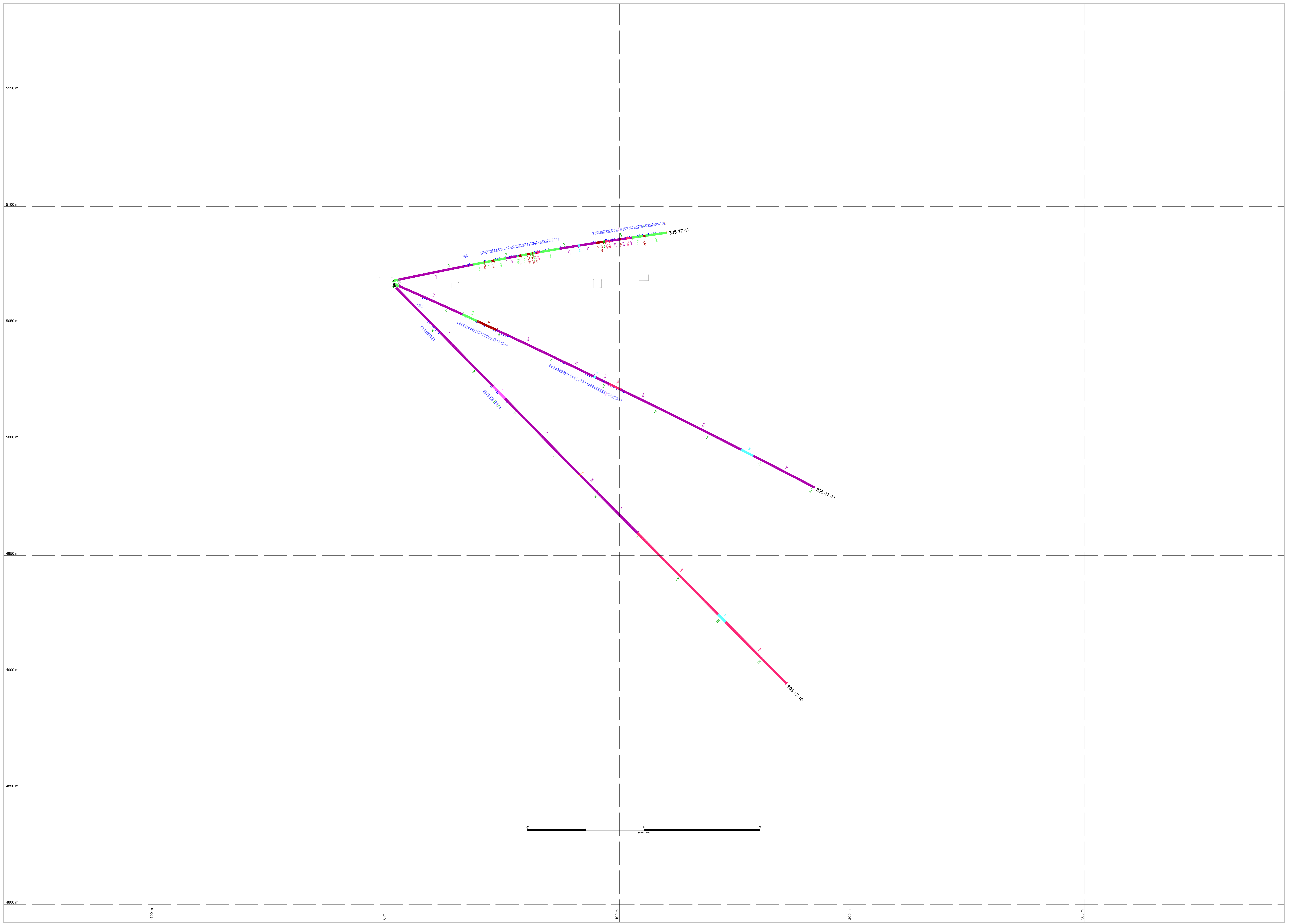
LEGEND:

Breccia Zone	I1 - Mafic Intrusive	V25 - Quartz Vein with Sulfides
Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
Talc Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
Basalt	V1 - Carbonate Vein	ZMC - Missing Core
High Titanium Basalt	V2 - Quartz Vein	Claims Boundary
Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	305 L	
SECTION AZIMUTH:	75	CORRIDOR: +/- 15m
DRILL HOLES:	305-17-07, 305-17-08, 305-17-09	
DRAWN BY:	Dave Heavysege	

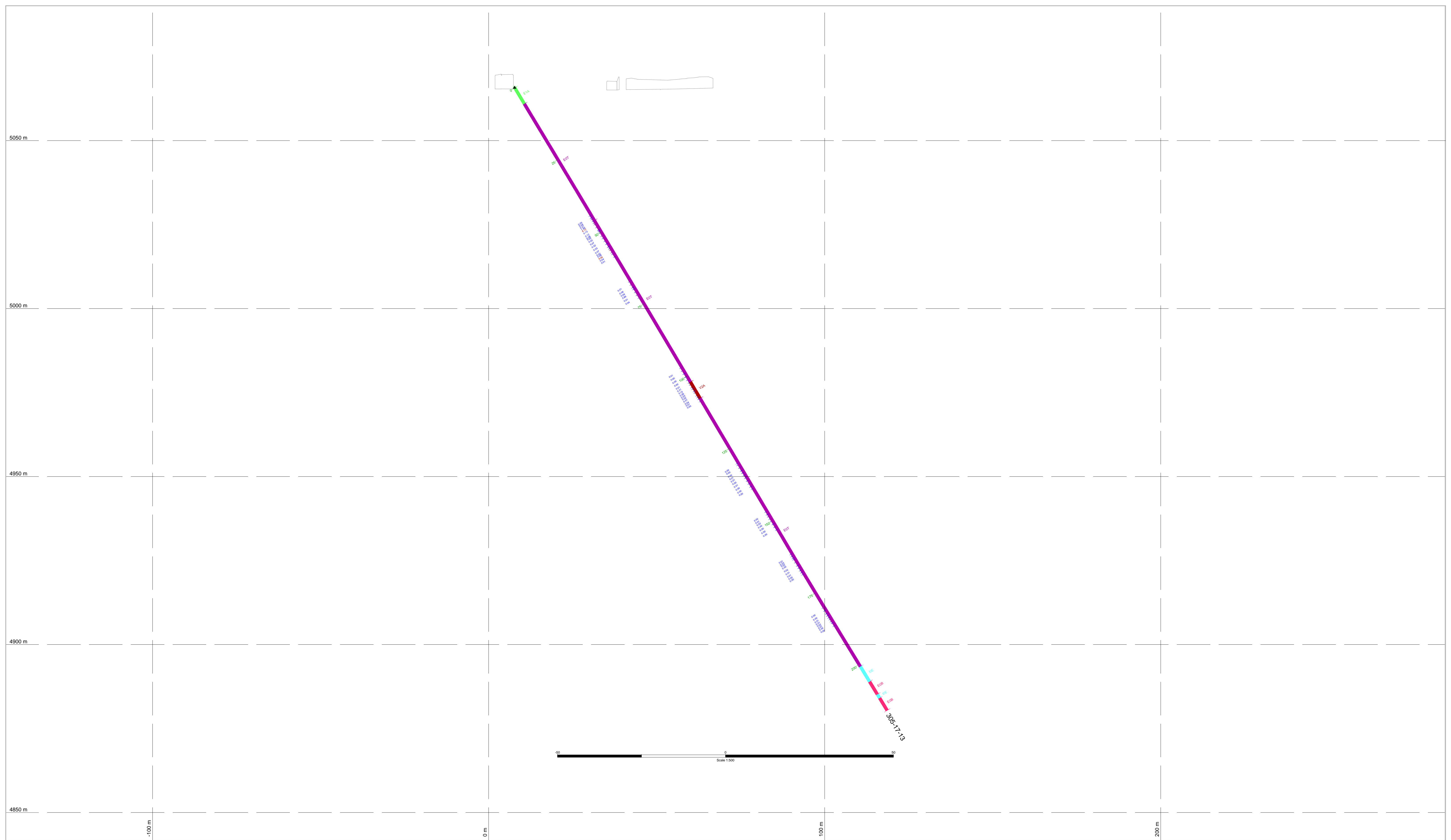


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LEGEND		
BRZ - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
E08 - Komatiitic Basalt	I3 - Felicit Intrusive	V2_Br - Quartz Breccia Vein
O17 - Yalc Altered Ultra Mafic	S5 - Sulfide Replacement	D1C - Lost Core
E3A - Basalt	V1 - Carbonate Vein	DMC - Missing Core
E3H - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
I0E - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)	
	0.00 - 3.00
	3.00 - 5.00
	5.00 - 7.00
	7.00 - 10.00
	10.00 - 100.00

LEVEL:	305L	
SECTION:	50	CORRIDOR +/- 10m
DRILL HOLES:	305L-17-10, 305L-17-11, 305L-17-12	
DRAWN BY:	Dave Heavysage	



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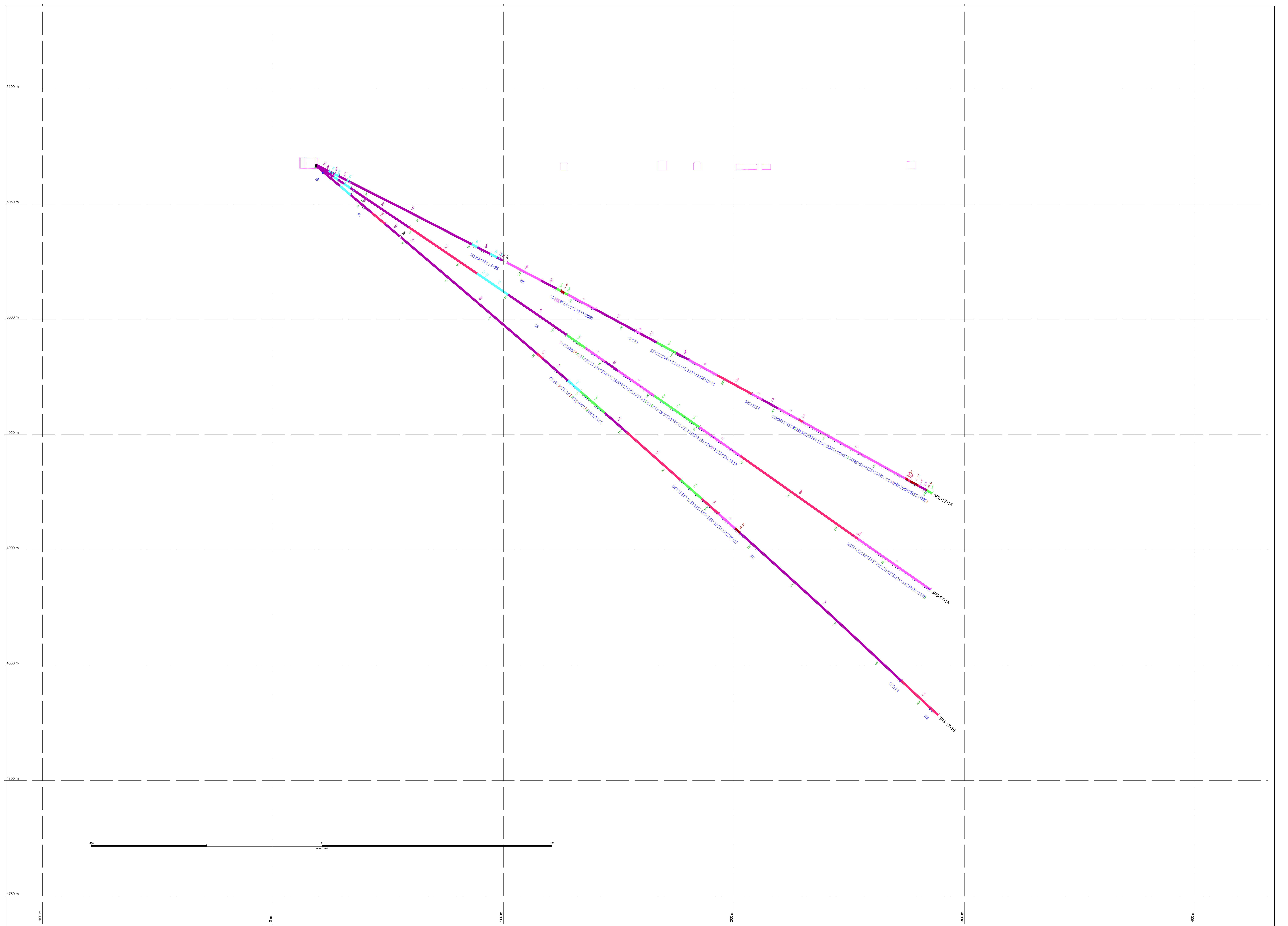
LEGEND:

- | | | |
|--------------------------------|--|---------------------------------|
| BRX - Breccia Zone | I1 - Mafic Intrusive | V2S - Quartz Vein with Sulfides |
| EOB - Komatiitic Basalt | I3 - Felsic Intrusive | V2_Bx - Quartz Breccia Vein |
| EOT - Talc Altered Ultra Mafic | RS - Sulfide Replacement | ZLC - Lost Core |
| E1A - Basalt | V1 - Carbonate Vein | ZMC - Missing Core |
| E1H - High Titanium Basalt | V2 - Quartz Vein | - Claims Boundary |
| IOE - Lamprophyric Dyke | V2A - Quartz Carbonate Actinolite Vein | - Drift Outline |

GOLD VALUES

- (g/t)
- | |
|----------------|
| 0.00 - 3.00 |
| 3.00 - 5.00 |
| 5.00 - 7.00 |
| 7.00 - 10.00 |
| 10.00 - 100.00 |

LEVEL:	3 0 5 L	
SECTION	60	CORRIDOR: +/- 10m
DRILL HOLES:	305L-17-13	
DRAWN BY:	Dave Heavysege	



0 100 200 300 400
Scale 1:500

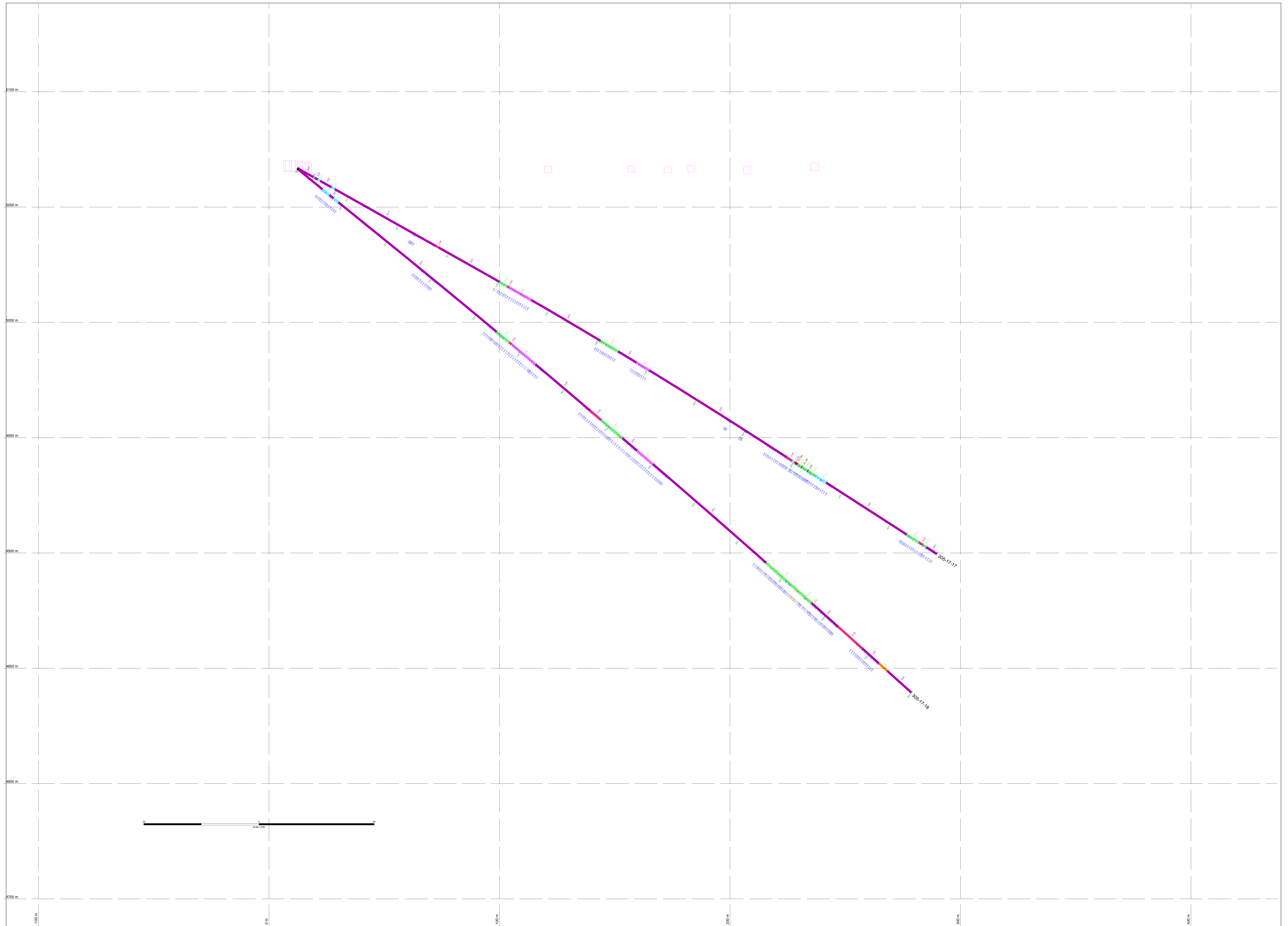
LEGEND:

BRZ - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Br - Quartz Breccia Vein
EOT - Talc Altered Ultra Mafic	R5 - Sulfide Replacement	Z.C - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	Q.B - Quartz Boundary
ICE - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	D.O - Drift Outline

GOLD VALUES (g/t)

	0.00 - 3.00
	3.00 - 5.00
	5.00 - 7.00
	7.00 - 10.00
	10.00 - 100.00

LEVEL:	3 0 5 L	
SECTION AZIMUTH:	150	CORRIDOR: +/- 5m
DRILL HOLES:	305-17-14, 305-17-15	
	305-17-06	
DRAWN BY:	Dave Heavysége	



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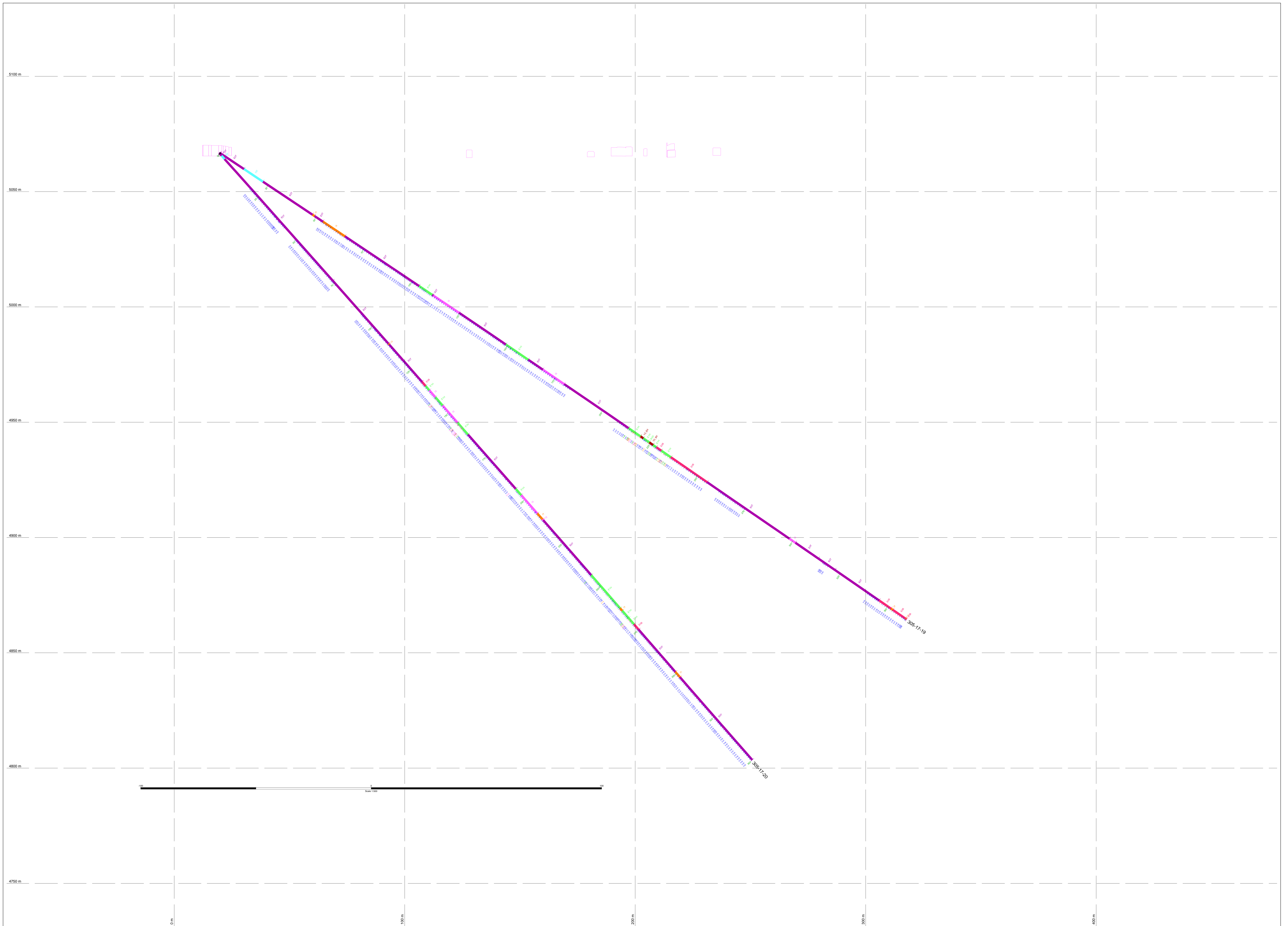
LEGEND:

BRZ - Breccia Zone	I1 - Mafic Intrusive	V25 - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Br - Quartz Breccia Vein
EOT - Talc Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1B - High Titanium Basalt	V2 - Quartz Vein	CS - Claims Boundary
LDK - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	3 0 5 L	
SECTION AZIMUTH:	135	CORRIDOR: +/- 5m
DRILL HOLES:	305-17-17, 305-17-18	
DRAWN BY:	Dave Heavysege	



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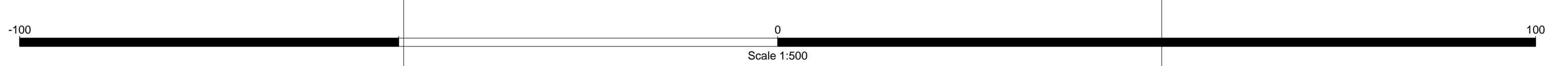
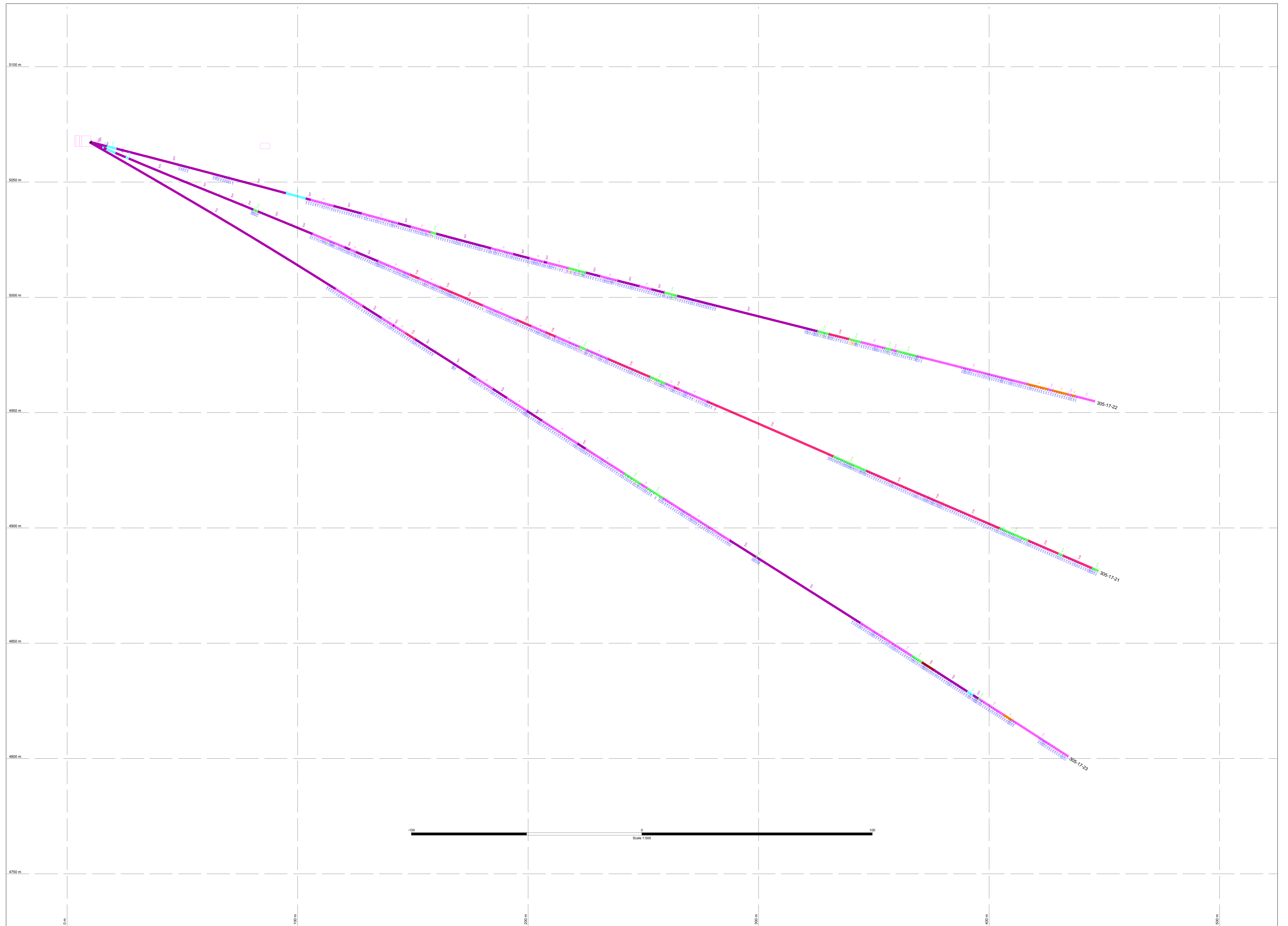
LEGEND:

BRX - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I3 - Felicit Intrusive	V2_Bx - Quartz Breccia Vein
EOT - Talc Altered Ultra Mafic	R5 - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E3H - High Titanium Basalt	V2 - Quartz Vein	CB - Claims Boundary
VDE - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

	0.00 - 3.00
	3.00 - 5.00
	5.00 - 7.00
	7.00 - 10.00
	10.00 - 100.00

LEVEL:	3 0 5 L	
SECTION AZIMUTH:	128	CORRIDOR: +/- 5m
DRILL HOLES:	305-17-19, 305-17-20	
DRAWN BY:	Dave Heavysege	



Phoenix Gold Project
Cochenour, Ontario, Canada

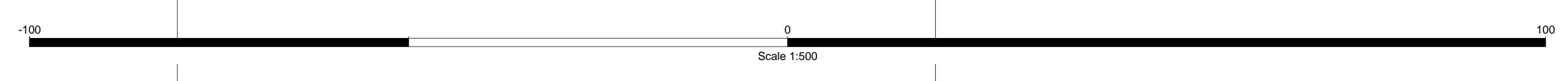
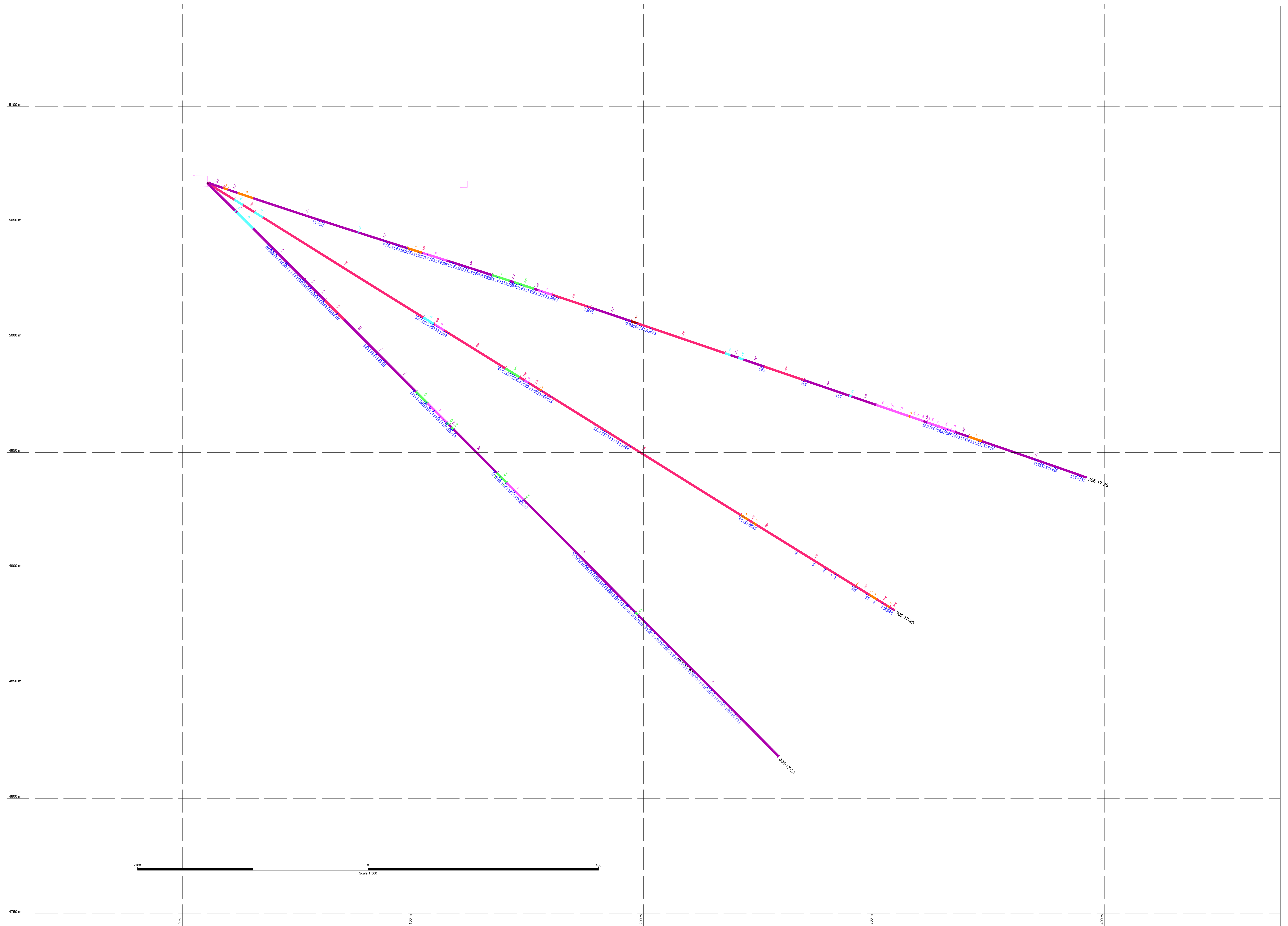
LEGEND:

BRZ - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
E0B - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
E0T - Talc Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	MWC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	CB - Claims Boundary
DE - Lanthroporphic Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

	0.00 - 3.00
	3.00 - 5.00
	5.00 - 7.00
	7.00 - 10.00
	10.00 - 100.00

LEVEL:	305 L	
SECTION AZIMUTH:	175	CORRIDOR: +/- 7.5m
DRILL HOLES:	305-17-21, 305-17-22 305-17-23	
DRAWN BY:	Dave Heavysage	



Phoenix Gold Project
Cochenour, Ontario, Canada

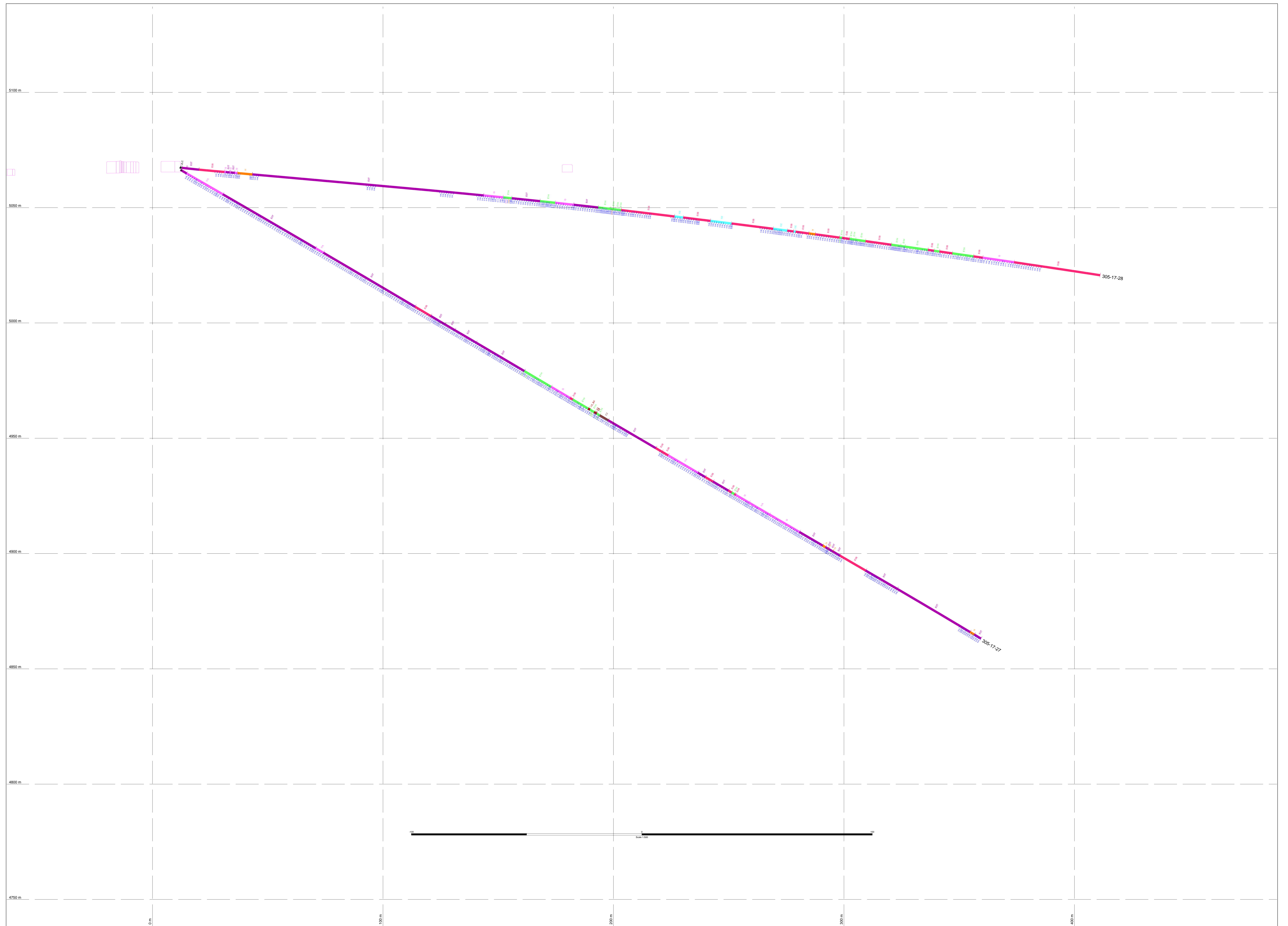
LEGEND:

BRZ - Breccia Zone	I1 - Mafic Intrusive	V25 - Quartz Vein with Sulfides
E08 - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Br - Quartz Breccia Vein
E07 - Talc Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1B - High Titanium Basalt	V2 - Quartz Vein	CS - Claims Boundary
E2E - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	305 L	
SECTION AZIMUTH:	121	CORRIDOR: +/- 20
DRILL HOLES:	305-17-24, 305-17-25 305-7-26	
DRAWN BY:	Dave Heavysege	



Phoenix Gold Project
Cochenour, Ontario, Canada

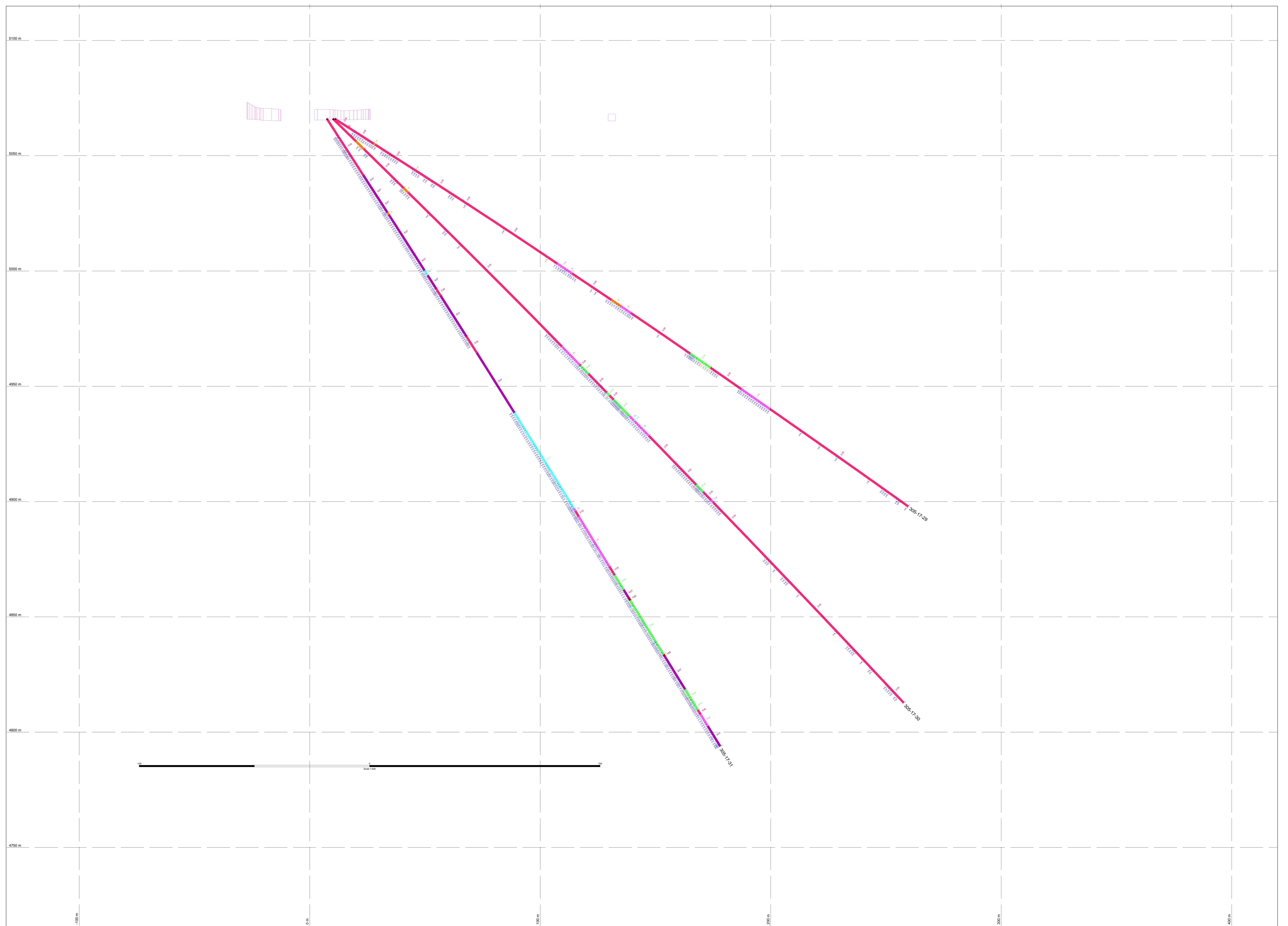
LEGEND:

BRZ - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
E0B - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
E0T - Talc-Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	M - Missing Core
E1H - High-Titanium Basalt	V2 - Quartz Vein	CB - Claim Boundary
DE - Lanthroporphic Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	3 0 5 L	
SECTION AZIMUTH:	85	CORRIDOR: +/- 10m
DRILL HOLES:	305-17-27, 305-17-28	
DRAWN BY:	Dave Heavysge	



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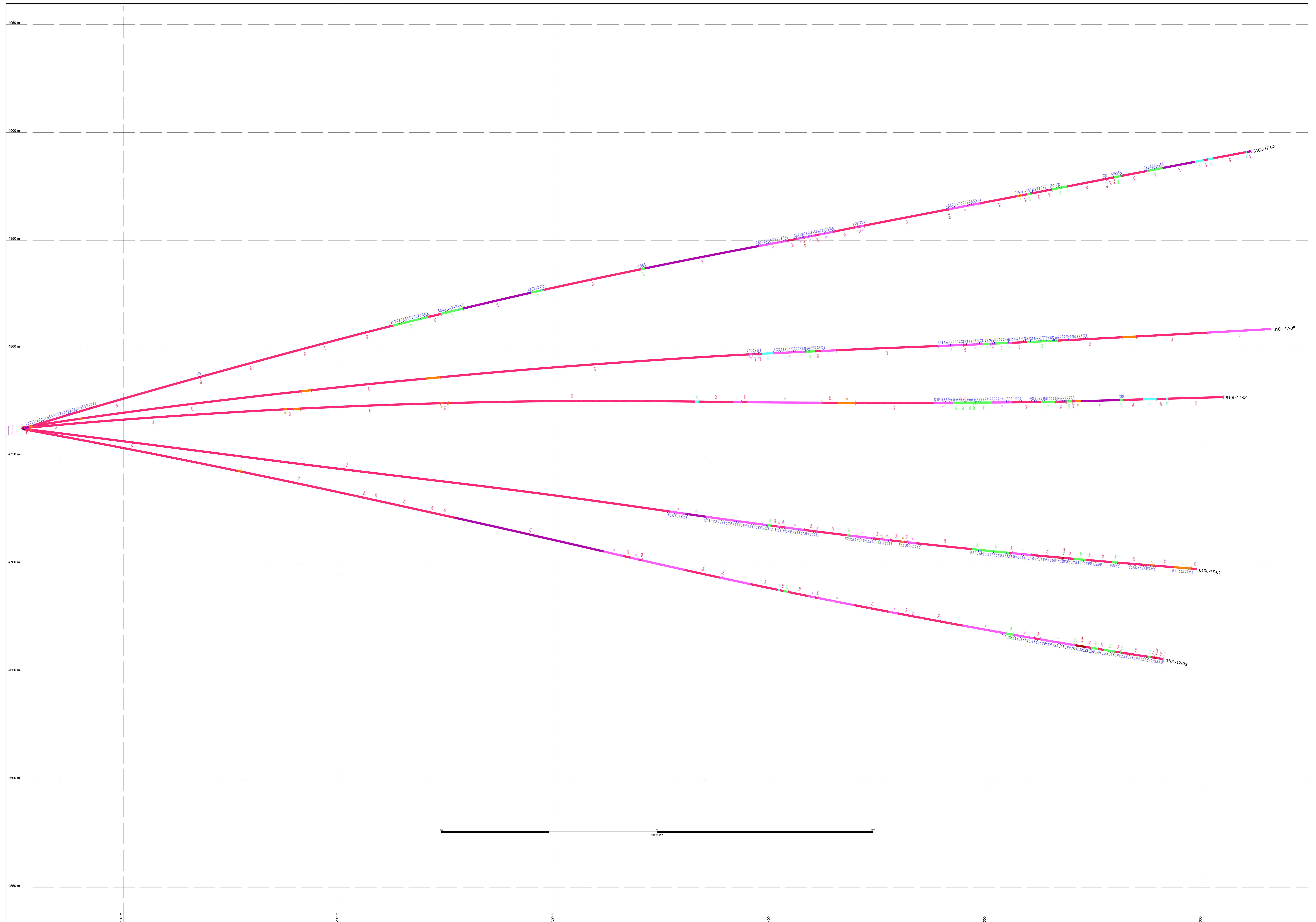
LEGEND:

BRZ - Breccia Zone	I1 - Mafic Intrusive	V25 - Quartz Vein with Sulfides
EBB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
EUT - Talc Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	CB - Claim Boundary
DE - Lanthroporphic Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

	0.00 - 3.00
	3.00 - 5.00
	5.00 - 7.00
	7.00 - 10.00
	10.00 - 100.00

LEVEL: 305 L	
SECTION: 107	CORRIDOR: +/- 5m
DRILL HOLES: 305-17-29, 305-17-30, 305-17-31	
DRAWN BY: Dave Heavysege	



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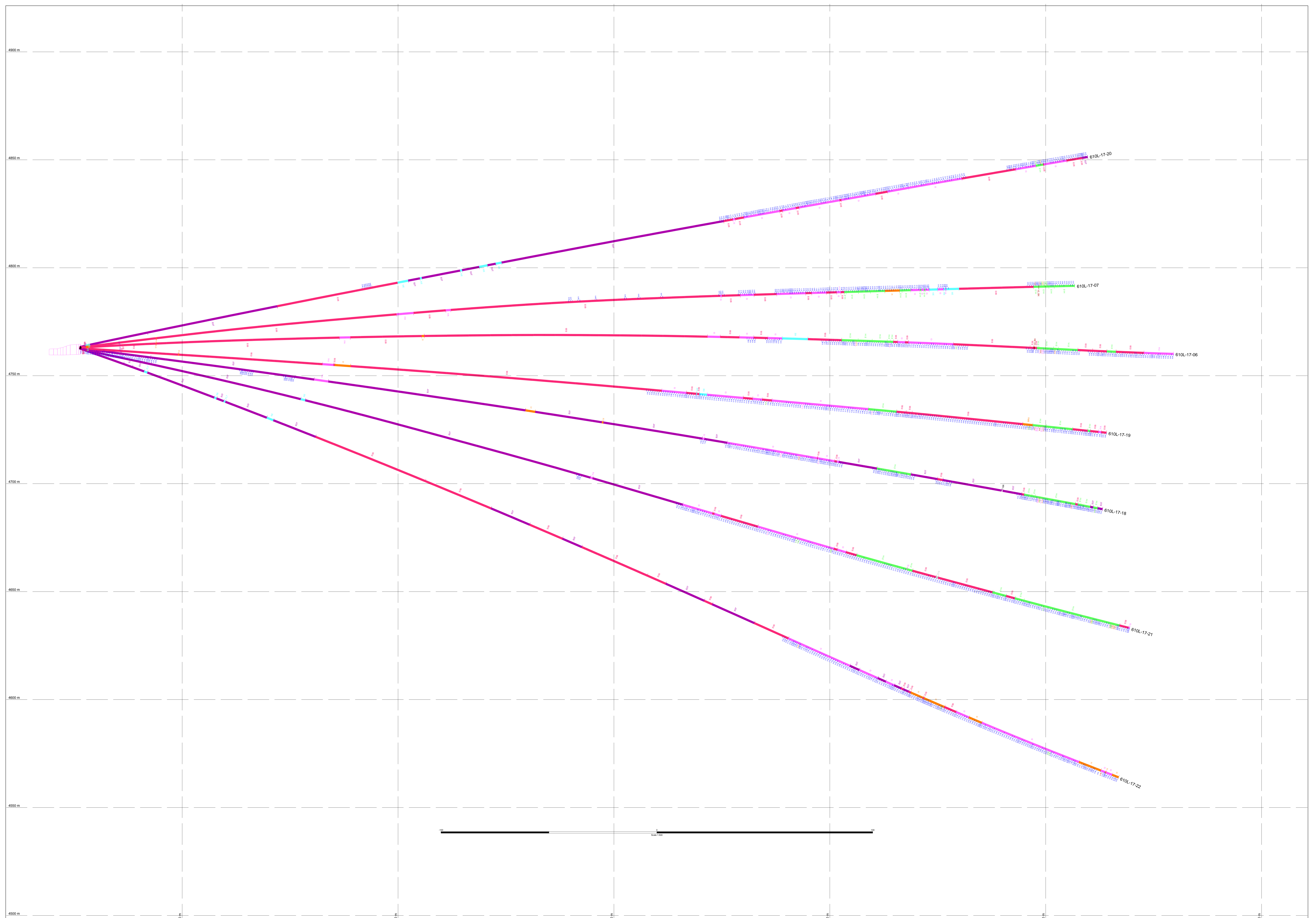
LEGEND

BRZ - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
EOU - Felsic Altered Ultra Mafic	IS - Sulfide Replacement	ZIC - Lost Core
ESB - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
ESH - High Titanium Basalt	V2 - Quartz Vein	CS - Claims Boundary
LD - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	6 + 0 L	
SECTION ADMITH:	150	CORRIDOR: +/- 25m
DRILL HOLES:	610L-17-01, 610L-17-02, 610L-17-03	
	610L-17-04, 610L-17-05	
DRAWN BY:	Dave Heavysege	



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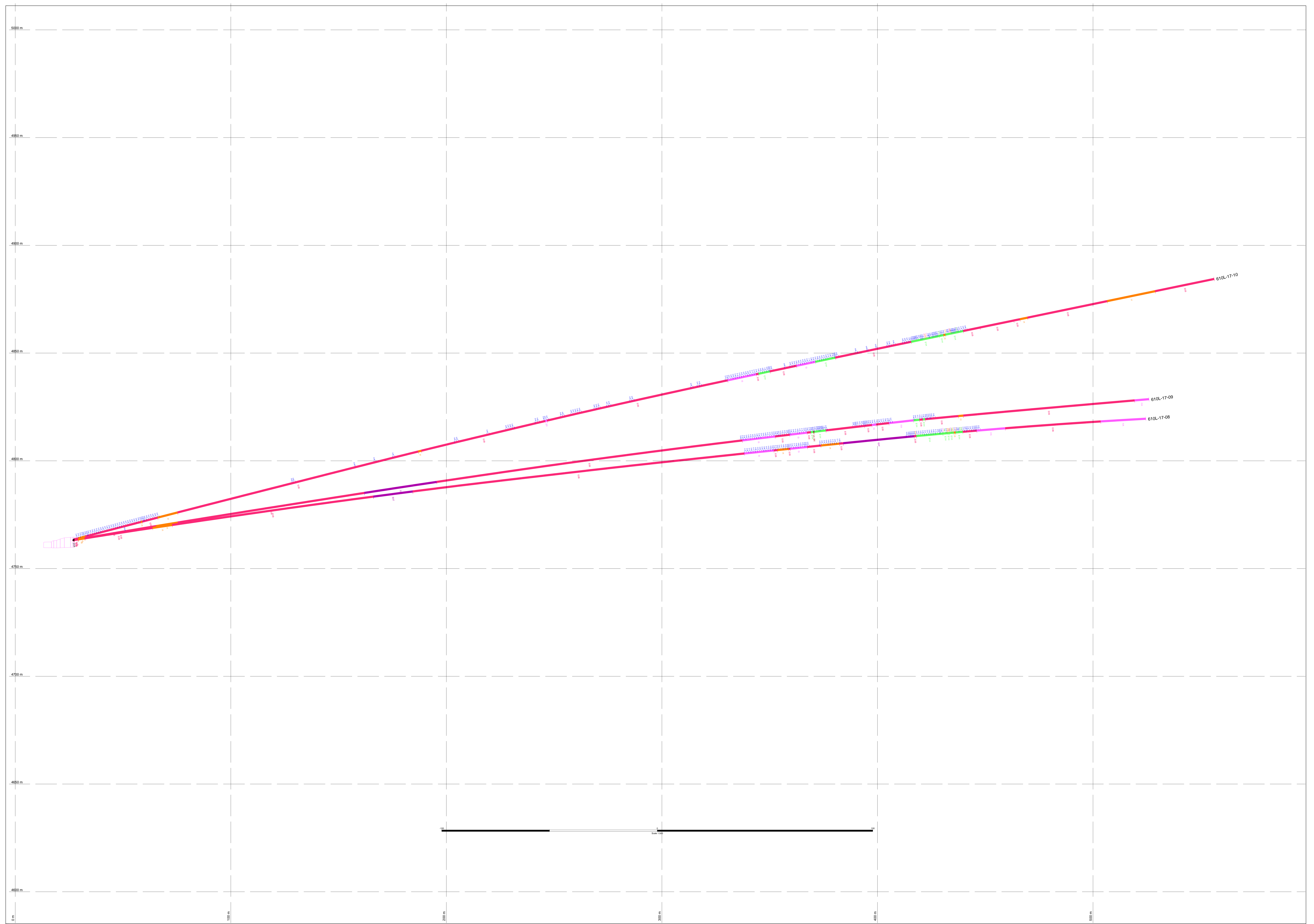
LEGEND

BRZ - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
E08 - Komatiitic Basalt	I2 - Felsic Intrusive	V2_B - Quartz Breccia Vein
E07 - Tuff-Altered Ultra Mafic	E9 - Sulfide Replacement	ZMC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
E2 - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	610 L	
SECTION ADRENTH:	148	CORRIDOR: +/- 25m
DRILL HOLES:	610L-17-06, 610L-17-07, 610L-17-018	
	610L-17-19, 610L-17-20, 610L-17-21, 610L-17-22	
DRAWN BY:	Dave Heavysege	



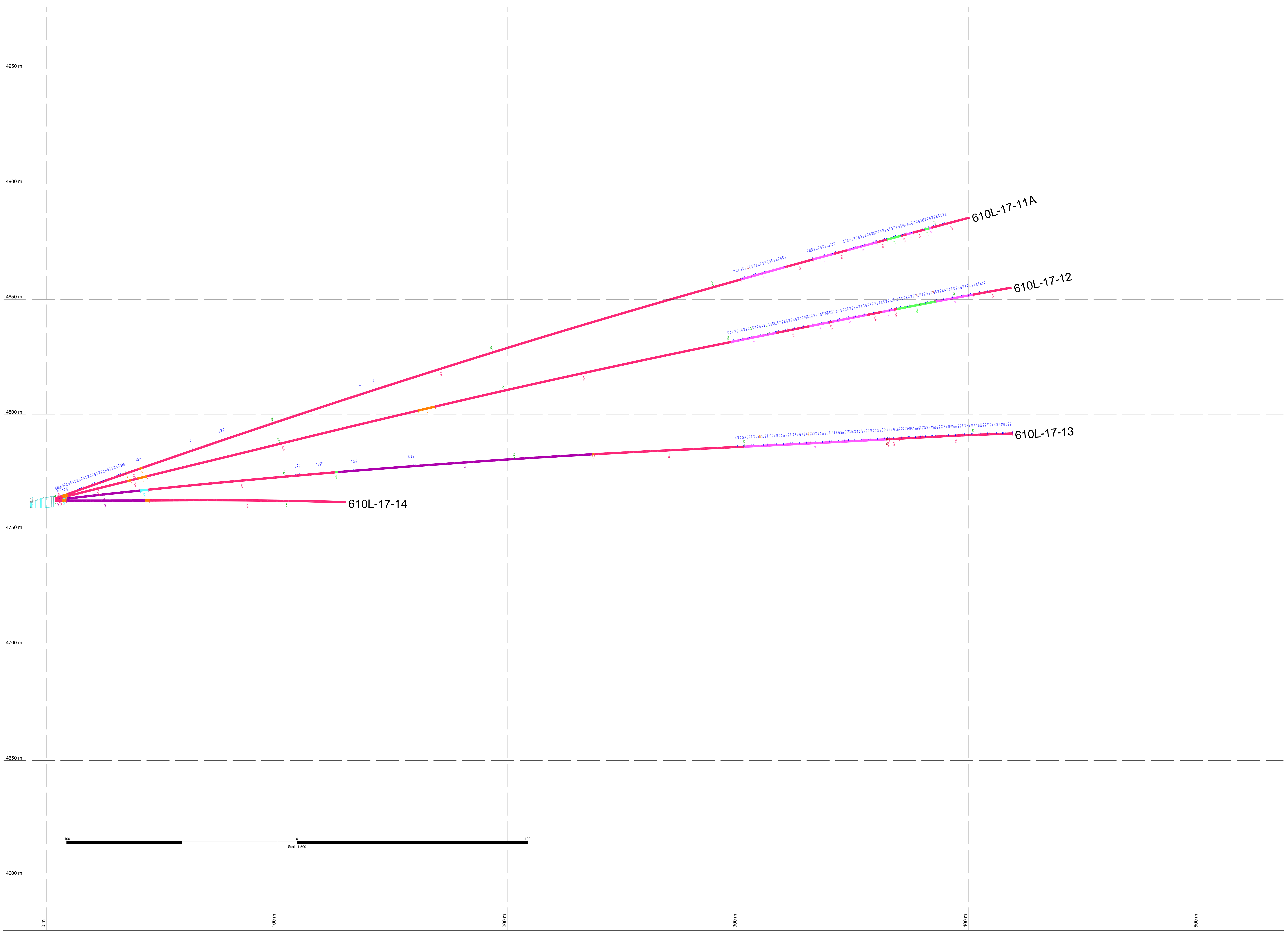
LEGEND

BRX - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
E08 - Komatiitic Basalt	I2 - Felsic Intrusive	V2_Br - Quartz Breccia Vein
E07 - Tuff-Altered Ultra-Mafic	R1 - Sulfide Replacement	LCC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
E1E - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	610 L	
SECTION:	118	CORRIDOR: +/- 30m
DRILL HOLES:	610L-17-08, 610L-17-09, 610L-17-10	
DRAWN BY:	Dave Heavysege	



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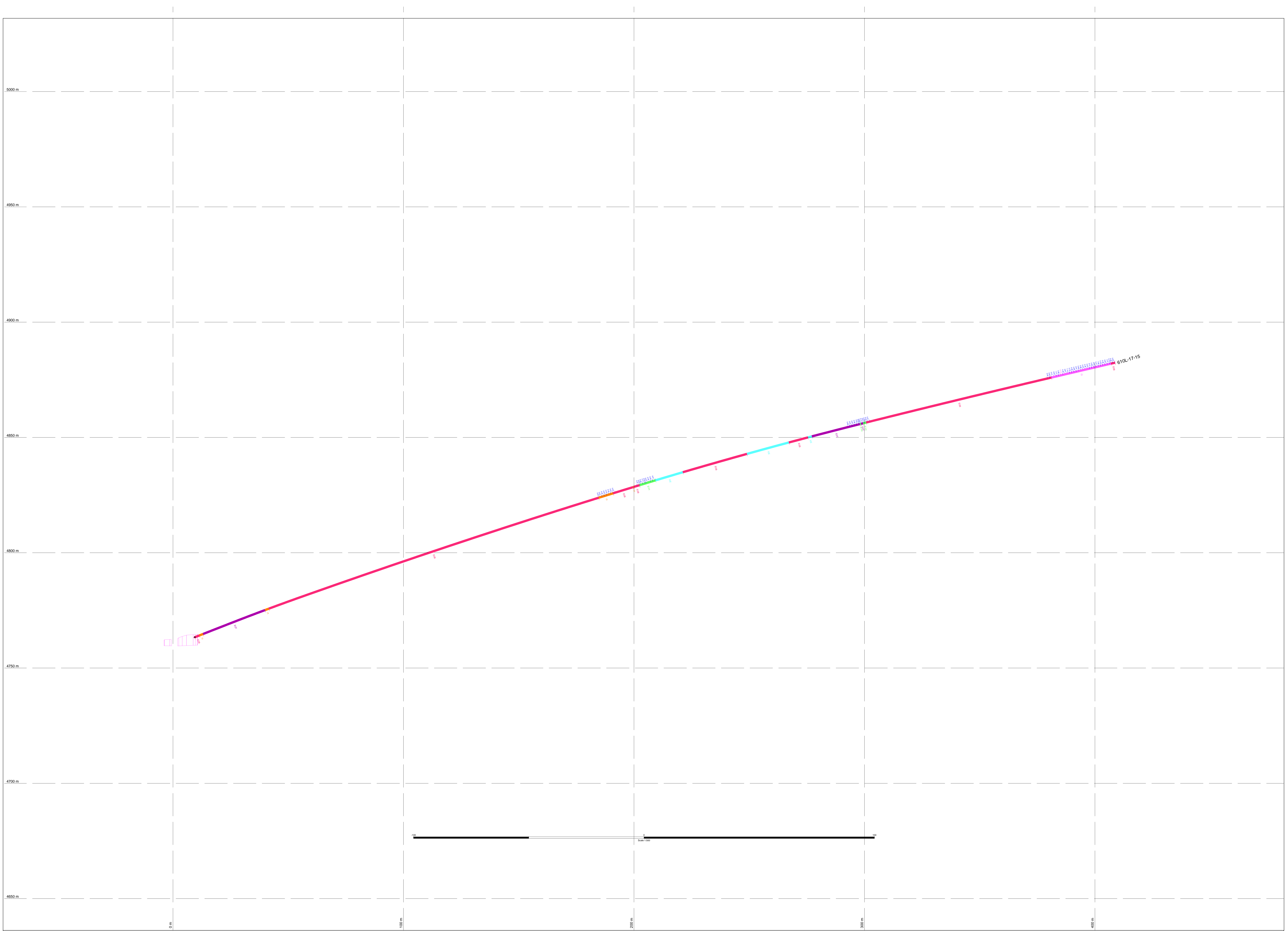
LEGEND:

BZX - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
EOT - Talc Altered Ultra Mafic	R5 - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	CB - Claims Boundary
IOE - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	DO - Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	610 L	
SECTION AZIMUTH:	092°	CORRIDOR: +/- 15m
DRILL HOLES:	610L-17-11A, 610L-17-12 610L-17-13, 610L-17-14	
DRAWN BY:	Dave Heavysege	



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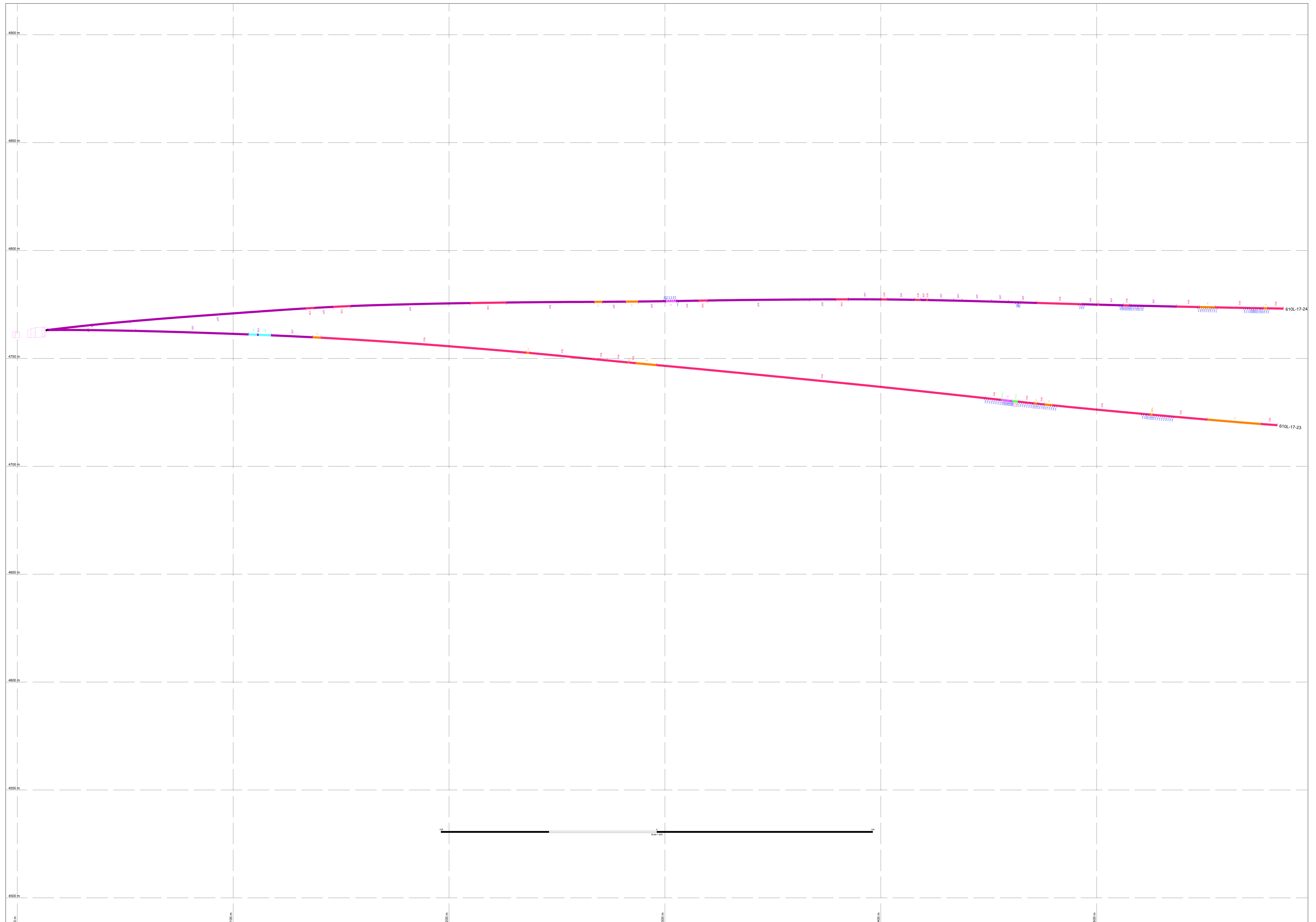
LEGEND:

BZX - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EGB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
EAT - Talc Altered Ultra Mafic	R5 - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
IOE - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	610 L	
SECTION AZIMUTH:	153	CORRIDOR: +/- 30m
DRILL HOLES:	610L-17-15	
DRAWN BY:	Dave Heavysege	



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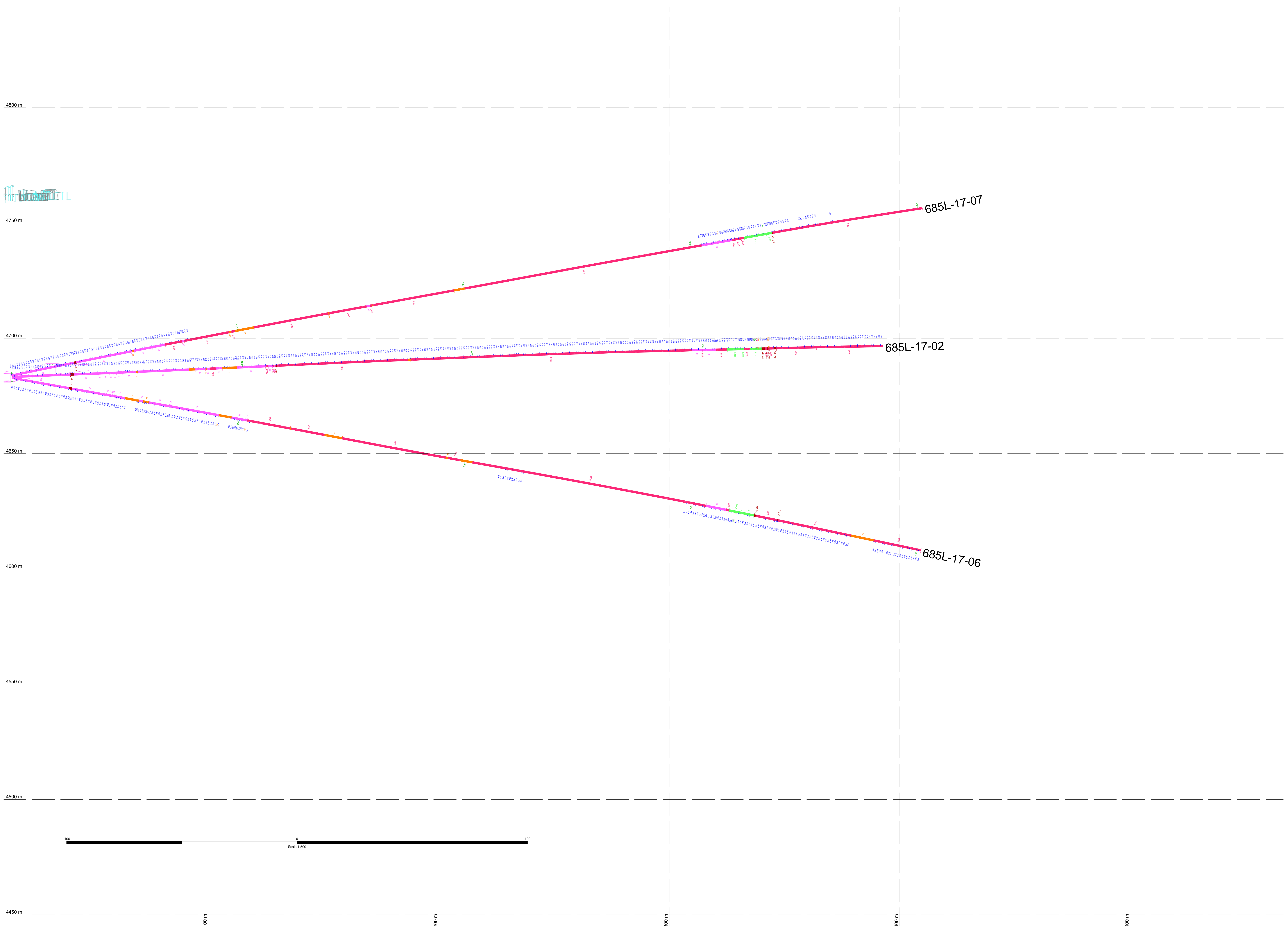
LEGEND

BRX - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
E0B - Komatiitic Basalt	I2 - Felsic Intrusive	V2_B+ - Quartz Breccia Vein
E0T - Talc-Altered Ultra Mafic	E0 - Sulfide Replacement	ZIC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
E2 - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	610 L	
SECTION:	165	CORRIDOR: +/- 30m
DRILL HOLES:	610L-17-23, 610L-17-24	
DRAWN BY:	Dave Heavysege	



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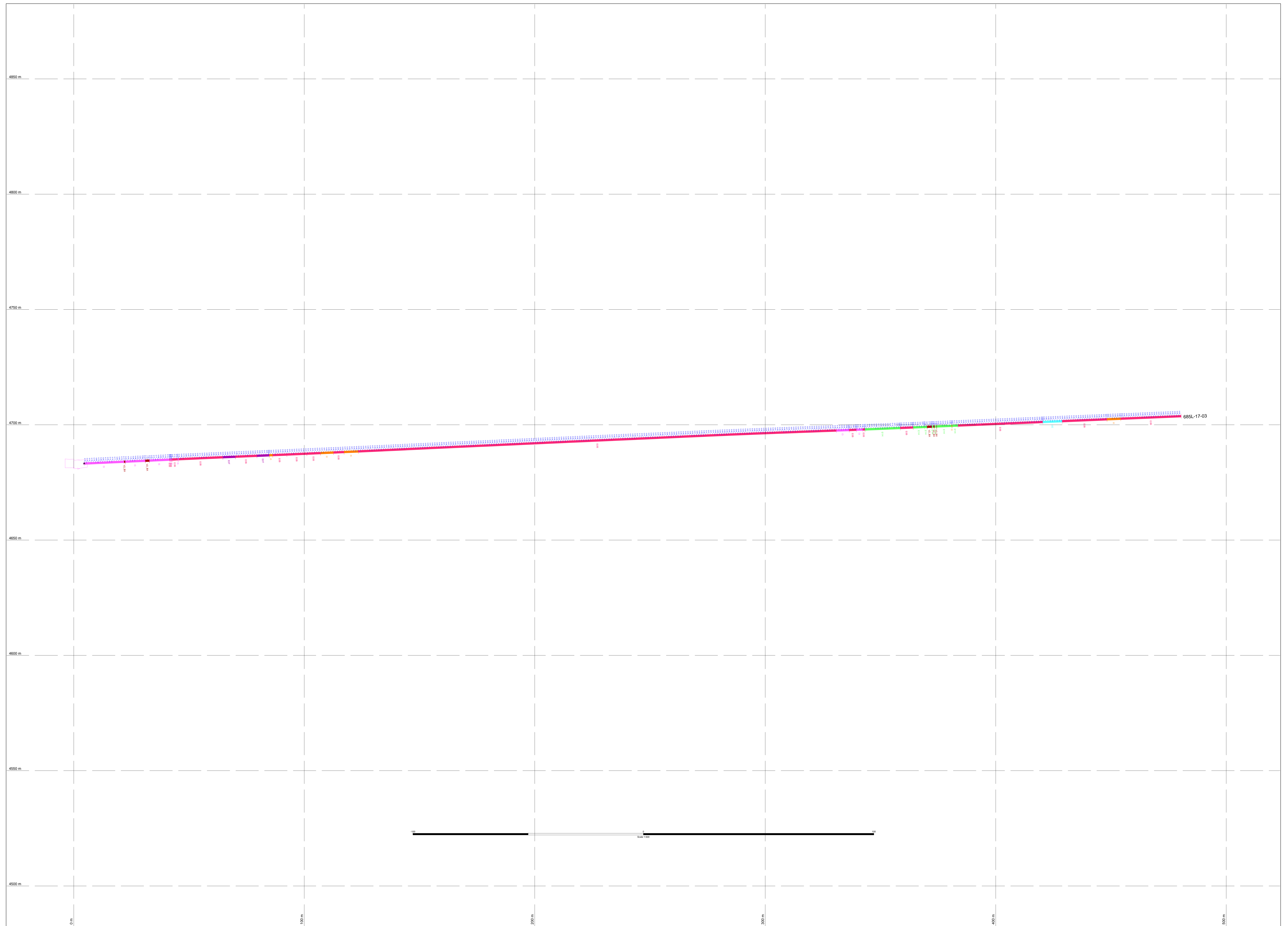
LEGEND:

BKX - Breccia Zone	I1 - Mafic Intrusive	V2S - Quartz Vein with Sulfides
EOB - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Bx - Quartz Breccia Vein
EOT - Talc Altered Ultra Mafic	R5 - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	R1 - Carbonate Vein	ZMC - Missing Core
E1H - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
I0E - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	685 L	
SECTION AZIMUTH:	078°	CORRIDOR: +/- 30m
DRILL HOLES:	685L-17-02, 685L-17-06 685L-17-07	
DRAWN BY:	Dave Heavysege	

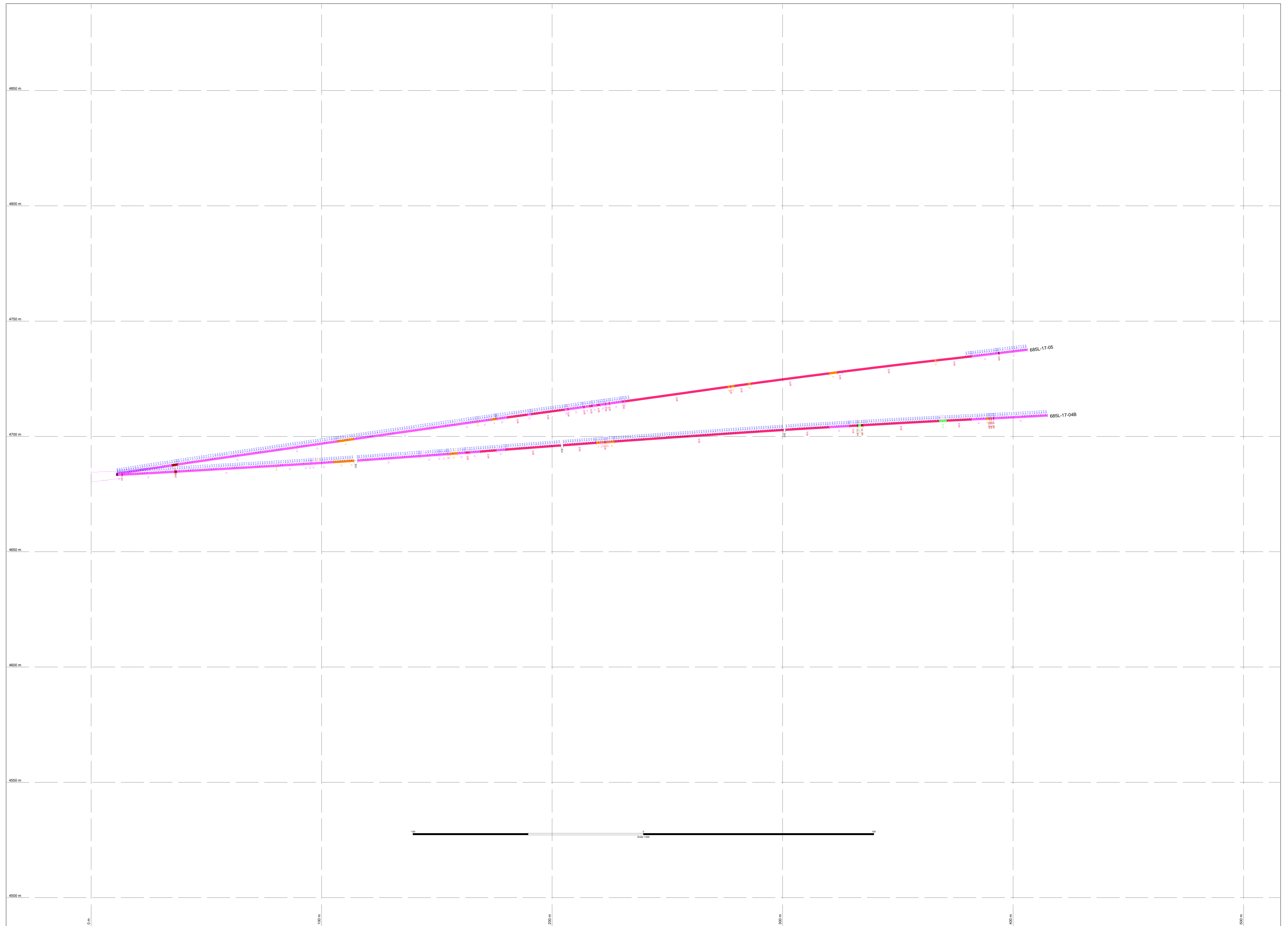


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Cochenour, Ontario, Canada

LEGEND:		
BRZ - Breccia Zone	I3 - Felsic Intrusive	V25 - Quartz Vein with Sulfides
E08 - Komatiitic Basalt	RS - Sulfide Replacement	ZLC - Lost Core
E07 - Talc Altered Ultra Mafic	V1 - Carbonate Vein	ZMC - Missing Core
E1A - Basalt	V2 - Quartz Vein	- Quartz Boundary
E1B - High Titanium Basalt	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline
E2E - Lamprophyric Dyke		

GOLD VALUES (g/t)	
	0.00 - 3.00
	3.00 - 5.00
	5.00 - 7.00
	7.00 - 10.00
	10.00 - 100.00

LEVEL:	6 8 5 L	
SECTION AZIMUTH:	134	CORRIDOR +/- 15m
DRILL HOLES:	685L-17-03	
DRAWN BY:	Dave Heavysege	



LEGEND:

BRZ - Breccia Zone	I1 - Mafic Intrusive	V25 - Quartz Vein with Sulfides
E08 - Komatiitic Basalt	I3 - Felsic Intrusive	V2_Br - Quartz Breccia Vein
E07 - Talc Altered Ultra Mafic	RS - Sulfide Replacement	ZLC - Lost Core
E1A - Basalt	V1 - Carbonate Vein	ZMC - Missing Core
E1B - High Titanium Basalt	V2 - Quartz Vein	- Claims Boundary
E2E - Lamprophyric Dyke	V2A - Quartz Carbonate Actinolite Vein	- Drift Outline

GOLD VALUES (g/t)

0.00 - 3.00
3.00 - 5.00
5.00 - 7.00
7.00 - 10.00
10.00 - 100.00

LEVEL:	6 8 5 L	
SECTION:	107	CORRIDOR: +/- 15m
DRILL HOLES:	685L-17-04B, 685L-17-05	
DRAWN BY:	Dave Heavysage	

APPENDIX 4

Assay certificates



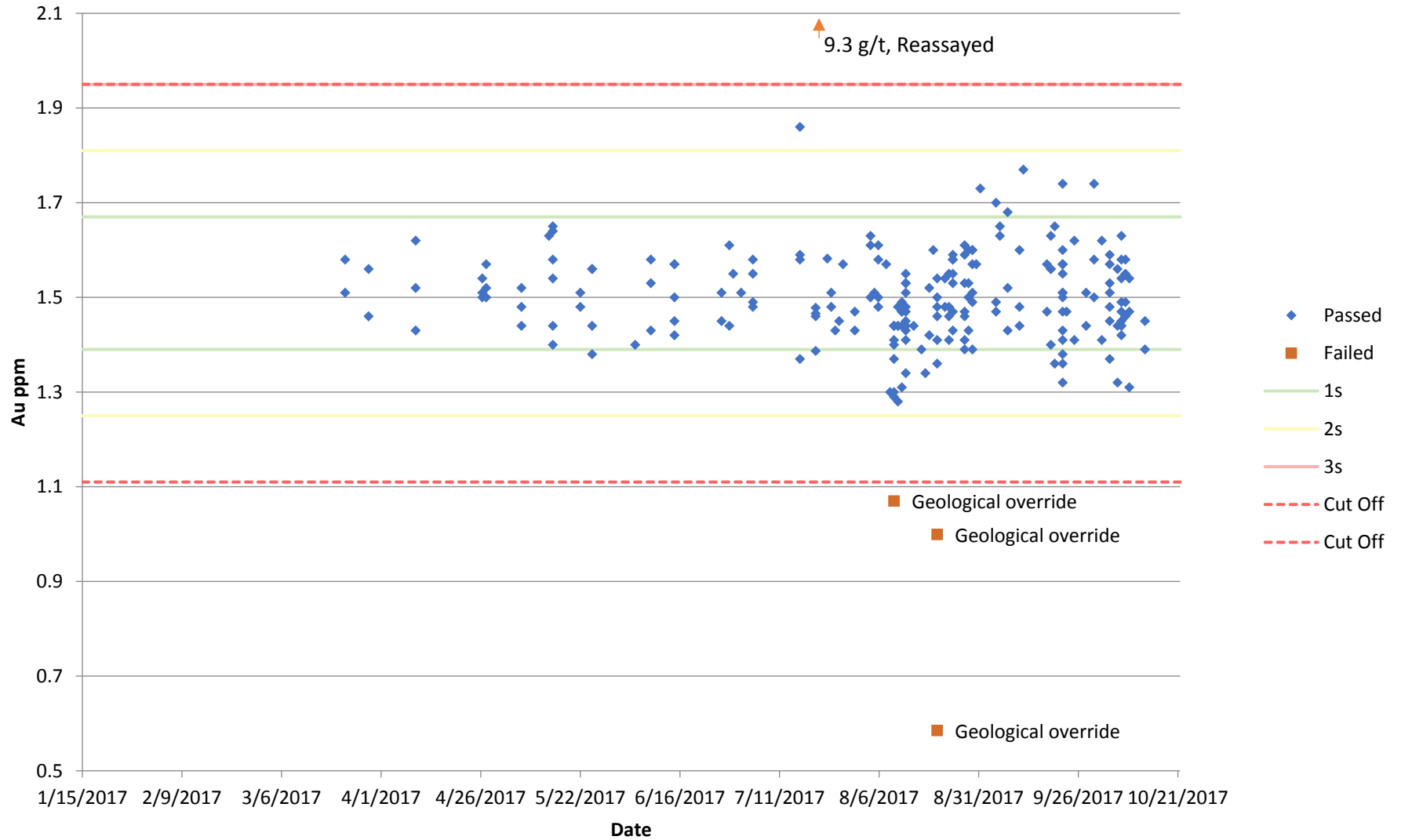
APPENDIX 5

Analytical Quality Control charts





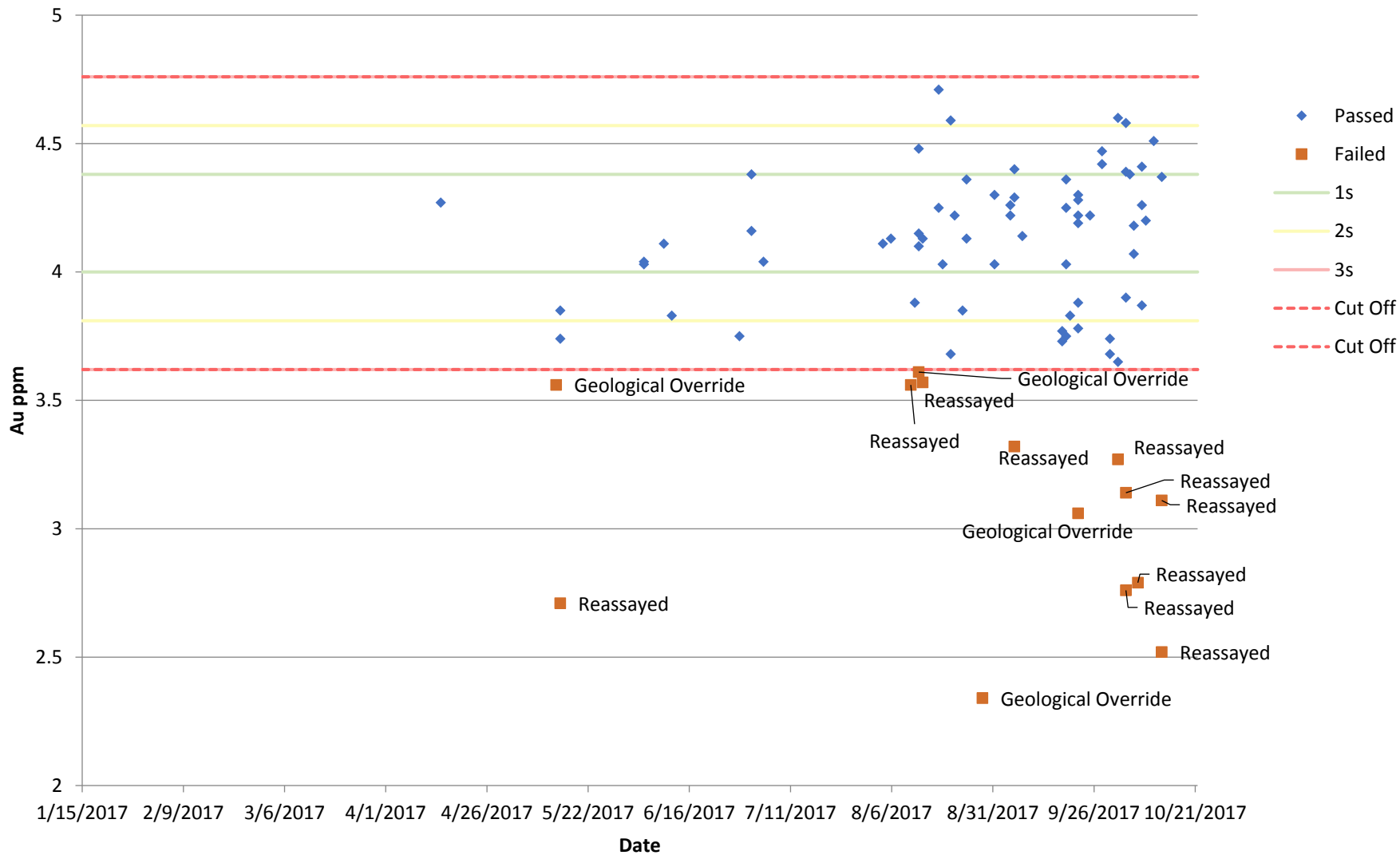
QA/QC Results - Standards
Date Range : 1/15/2017 to 10/13/2017
Lab: SGS Standard: CDN-GS-1P5L Mean:1.53 Au ppm





QA/QC Results - Standards

Date Range : 01/15/2017 to 10/13/2017
Lab: SGS Standard: CDN-GS-4E Mean:4.19 Au ppm

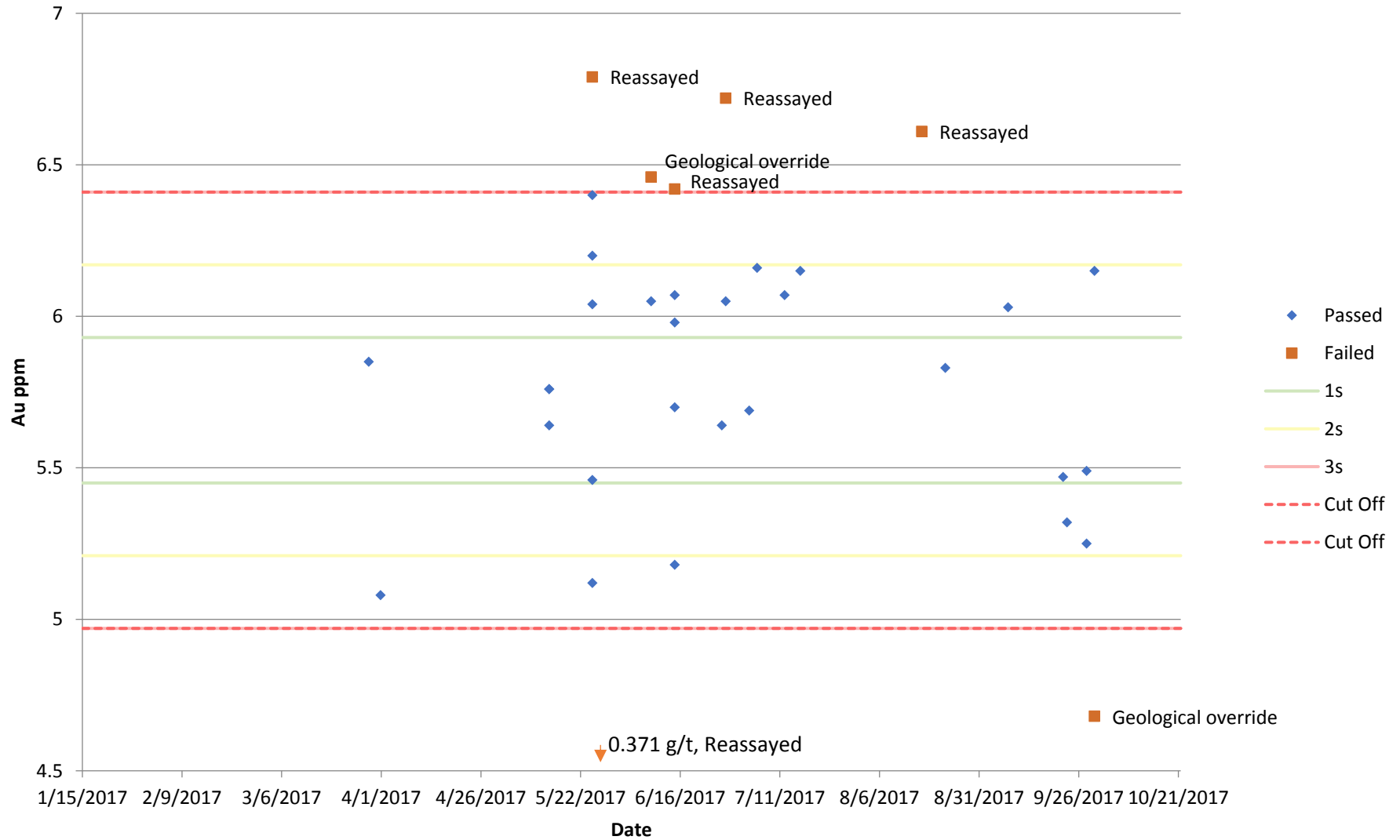




QA/QC Results - Standards

Date Range : 1/15/2017 to 10/13/2017

Lab: SGS Standard: CDN-GS-6A Mean:5.69 Au ppm

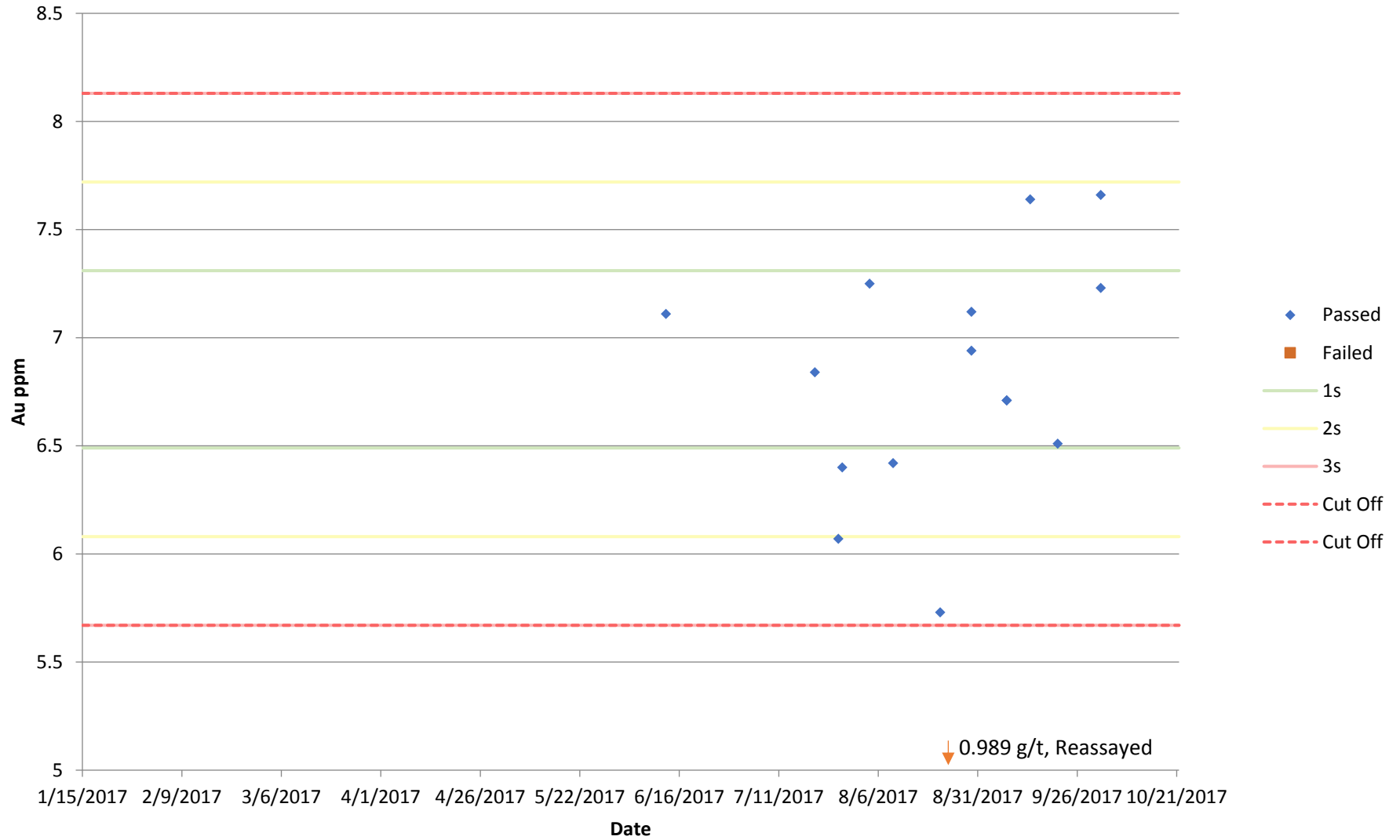




QA/QC Results - Standards

Date Range : 1/15/2017 to 10/13/2017

Lab: SGS Standard: CDN-GS-7F Mean:6.9 Au ppm

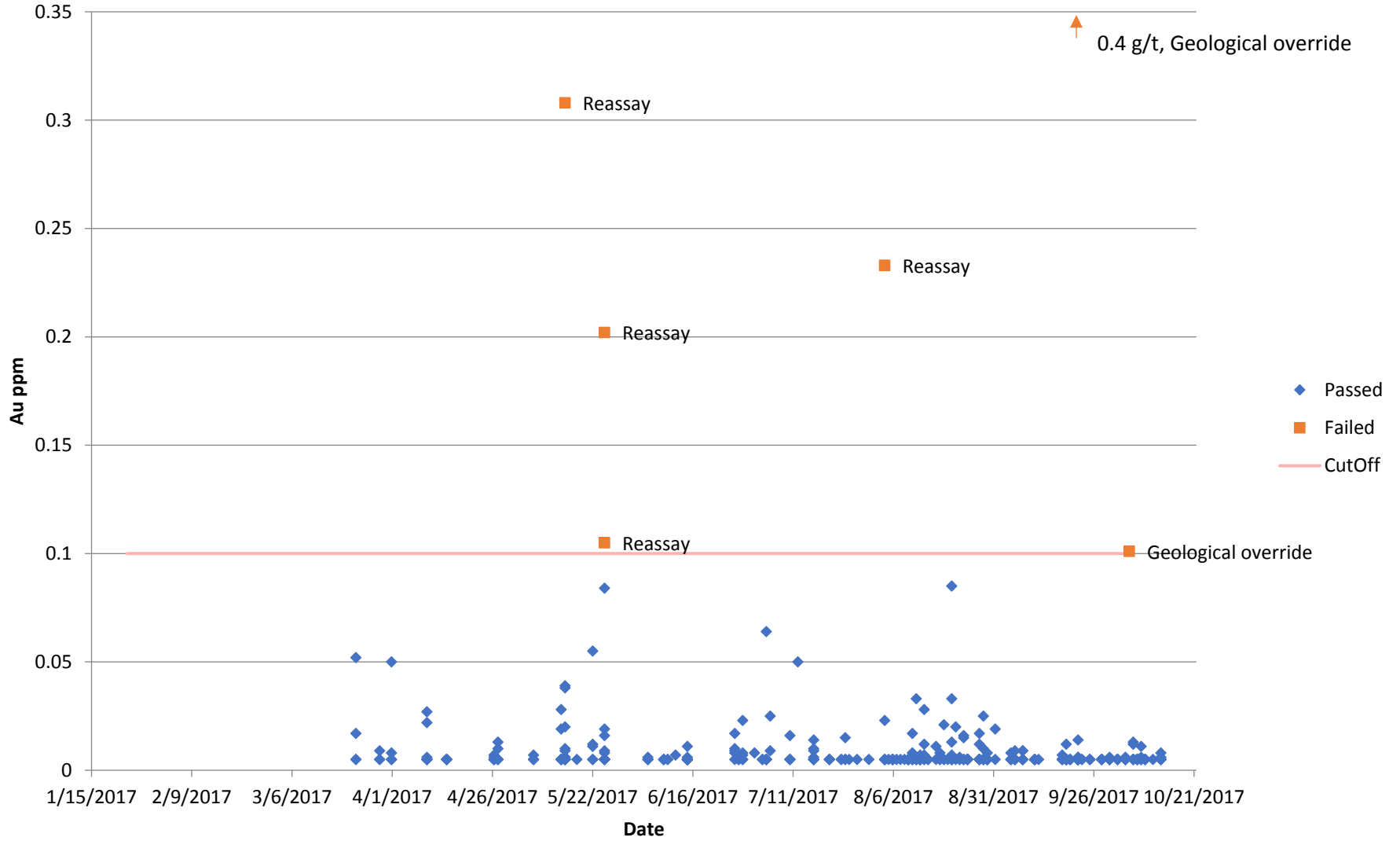




QA/QC Results - Blanks

Date Range : 1/15/2017 to 10/13/2017

Lab: SGS Blank Code: Blank Warning: 0.1 Au ppm



Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program

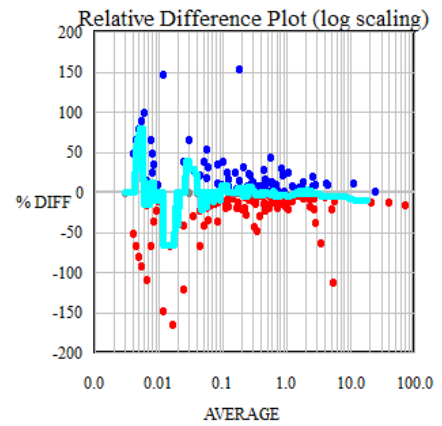
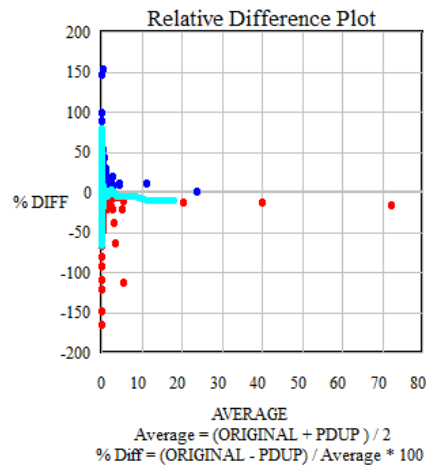
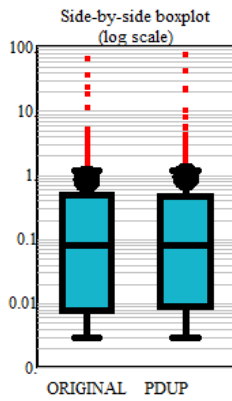
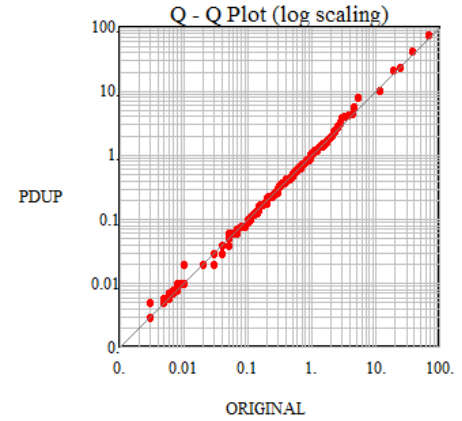
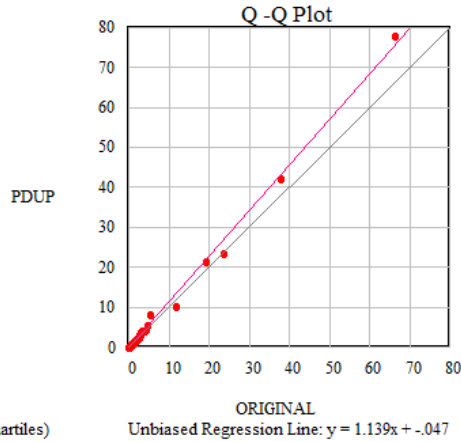
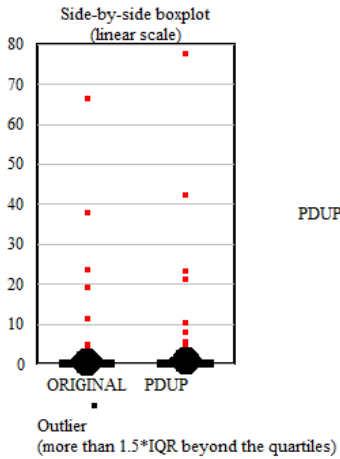
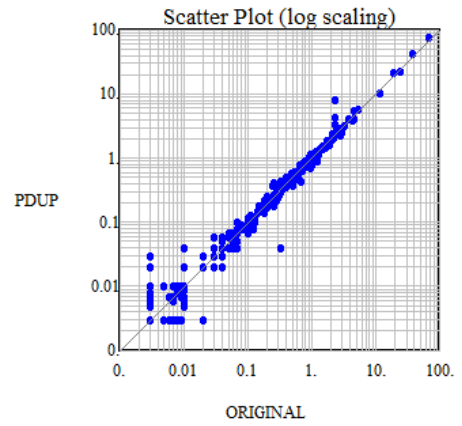
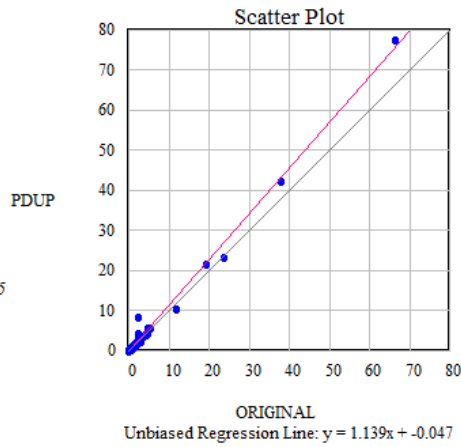
Descriptive Statistics

	ORIGINAL	PDUP
Mean	.9032	.9818
25th %-ile	0.008	0.009
Median	0.08	0.08
75th %-ile	0.5	0.48
Minimum	0.003	0.003
Maximum	66.58	77.66
count	331	331
St Dev	4.5766	5.2094
Coef of Var	5.0669	5.3059

Linear correlation: 0.9962
 Rank correlation: 0.9757
 Pitard's Relative Variance: 0.3305

No upper bound
 No lower bound
 No Individual Points Removed

Units of Measure: g/t



All data analysed to 2017-10-16

Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program

Descriptive Statistics

	ORIGINAL	PDUP
Mean	.9032	.9818
25th %-ile	0.008	0.009
Median	0.08	0.08
75th %-ile	0.5	0.48
Minimum	0.003	0.003
Maximum	66.58	77.66
count	331	331
St Dev	4.5766	5.2094
Coef of Var	5.0669	5.3059

Linear correlation: 0.9962
 Rank correlation: 0.9757
 Pitard's Relative Variance: 0.3305
 No upper bound
 No lower bound
 No Individual Points Removed
Units of Measure: g/t

SIGN TEST

For each pair of data, DIFFERENCE = ORIGINAL - PDUP

Null Hypothesis: Each DIFFERENCE is equally likely to be positive or negative

Test Statistic: X = Number of differences that are greater than 0

Region of Acceptance: $148 < X < 183$

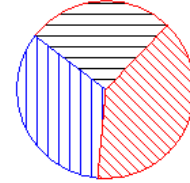
Observed Value of X: 158

Total Number of Pairs Considered: 331 (zero-difference pairs divided equally between positive and negative groups)

Level of Significance: 0.05

Observed Level of Significance: 0.41

Test Result: No Systematic Bias Detected: Accept the Null Hypothesis.



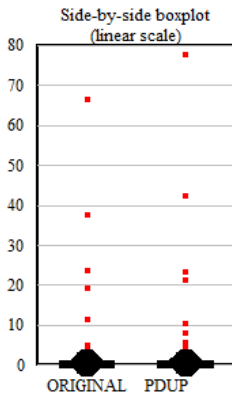
7.19 % = 0
 34.14 % > 0
 38.67 % < 0

Purpose of Sign Test:

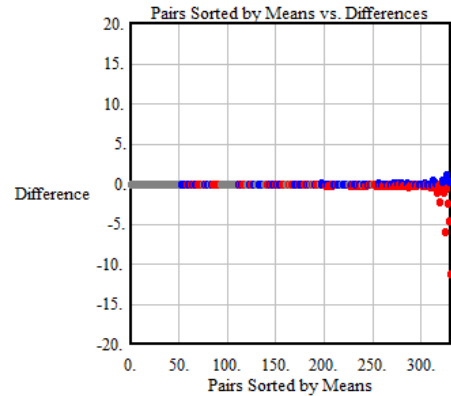
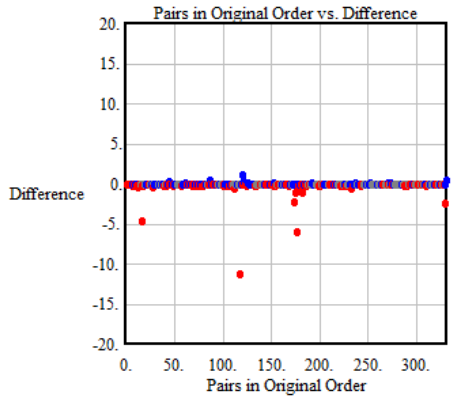
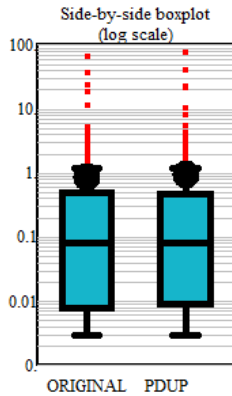
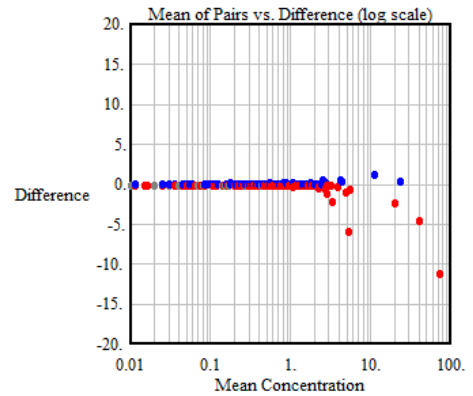
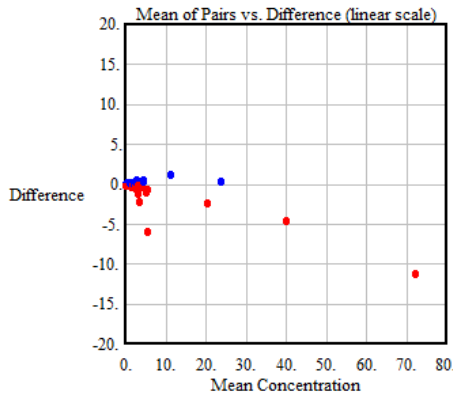
To determine if there is about the same number of positive and negative differences.

The test statistic (X) is the number of differences greater than 0. The null hypothesis states that a difference is equally likely to be greater than or less than zero. If X lies between critical values (in the region of acceptance), then the null hypothesis is accepted and we conclude that there is no systematic bias present.

The level of significance is the probability that X will not lie between the critical values when the null hypothesis is true. The observed level of significance is the probability (under the null hypothesis) of X being at least as extreme as it actually was.



Outlier ■
 (more than 1.5*IQR beyond the quartiles)



All data analysed to 2017-10-16

Input File: C:\Users\dsaunder\Documents\QAQC\Diamond drilling\Duplicates\2017-10-18\PDUPs.csv
 Date Printed: 23 October 2017

Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program

t-TEST

Descriptive Statistics

	ORIGINAL	PDUP
Mean	.9032	.9818
25th %-ile	0.008	0.009
Median	0.08	0.08
75th %-ile	0.5	0.48
Minimum	0.003	0.003
Maximum	66.58	77.66
count	331	331
St Dev	4.5766	5.2094
Coef of Var	5.0669	5.3059

Linear correlation: 0.9962
 Rank correlation: 0.9757
 Pitard's Relative Variance: 0.3305
 No upper bound
 No lower bound
 No Individual Points Removed

Units of Measure: g/t

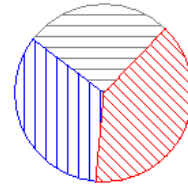
For each pair of data, DIFFERENCE = ORIGINAL - PDUP

Null Hypothesis: The mean value of the differences is zero
Test Statistic: $t = (\text{mean of differences} - 0) / \text{standard deviation of differences}$
Region of Acceptance: $-1.96 < t < 1.96$
Observed Value of t: -1.87
Observed Mean of Differences: -0.08
Level of Significance: 0.05
Observed Level of Significance: 0.06
Test Result: No Systematic Bias Detected: Accept the Null Hypothesis.

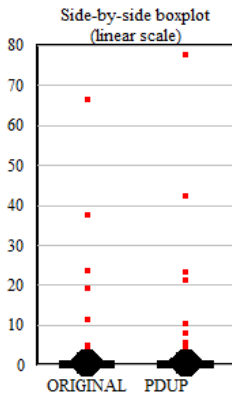
Purpose of t-Test:
 To determine if two populations of paired samples have the same mean. The null hypothesis, that the mean of the differences between the pairs is equal to zero, is tested against the alternate hypothesis, that the mean of the differences is not equal to zero. If the observed value of t lies between critical values (in the region of acceptance) then the null hypothesis is accepted and we conclude that the mean of the differences is zero, and there is no systematic bias present.

The level of significance is the probability that t will not lie between the critical values when the null hypothesis is true. The observed level of significance is the probability (under the null hypothesis) of t being at least as extreme as it actually was.

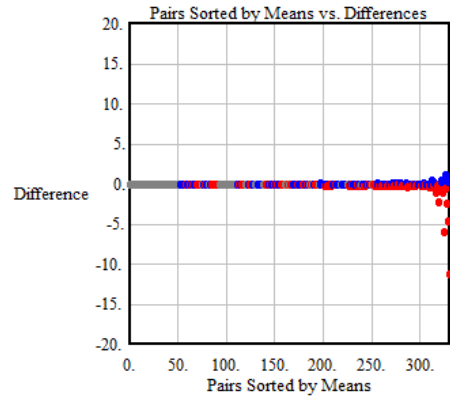
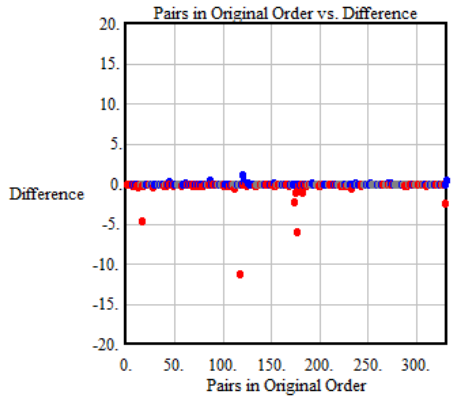
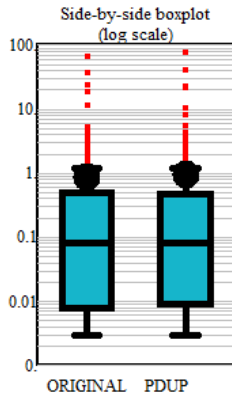
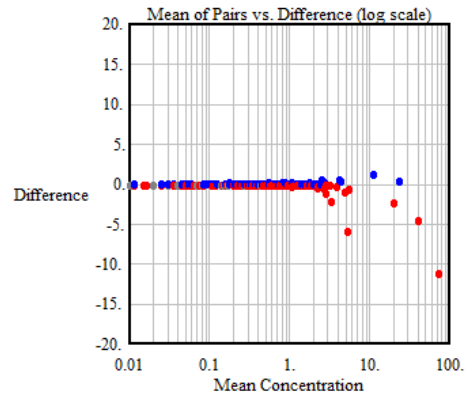
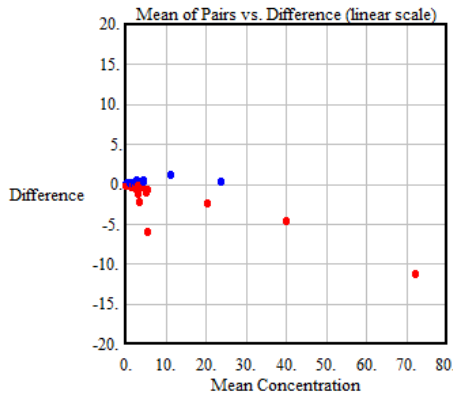
Parity of Differences



- 27.19 % = 0
- 34.14 % > 0
- 38.67 % < 0

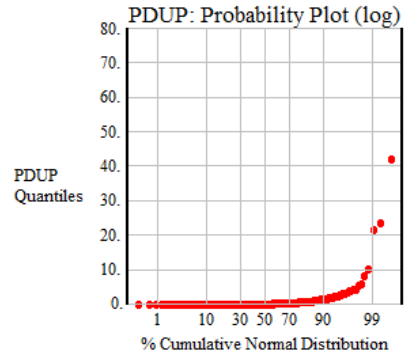
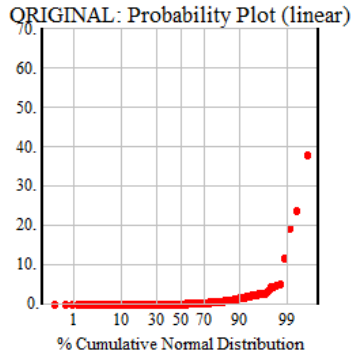
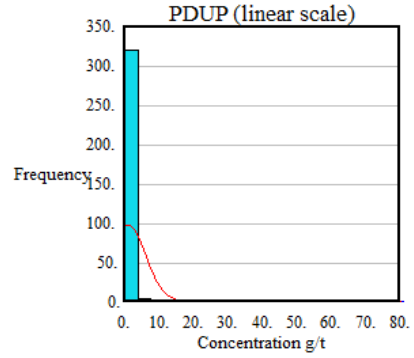
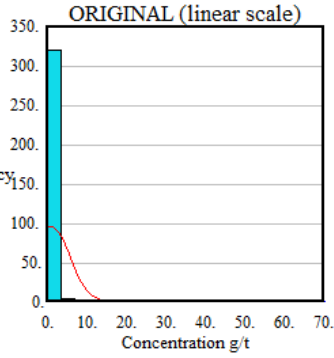


Outlier ■
 (more than 1.5*IQR beyond the quartiles)



All data analysed to 2017-10-16

Rubicon Minerals
Corp - Pulp duplicates
at SGS Lab on
2017 DD program
- All data to 2017-10-16



Descriptive Statistics

ORIGINAL PDUP

Mean	.9032	.9818
25th %-ile	0.008	0.009
Median	0.08	0.08
75th %-ile	0.5	0.48
Minimum	0.003	0.003
Maximum	66.58	77.66
count	331	331
St Dev	4.5766	5.2094
Coef of Var	5.0689	5.3059

Linear correlation: 0.9962

Rank correlation: 0.9757

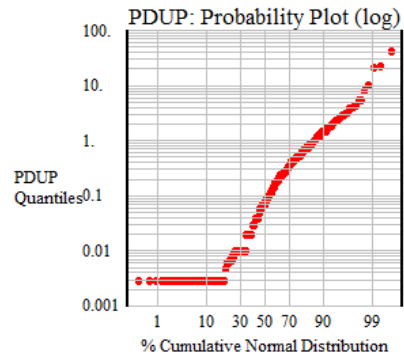
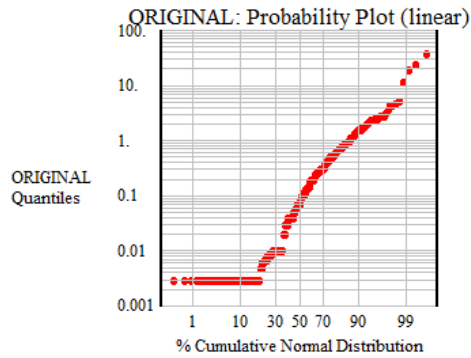
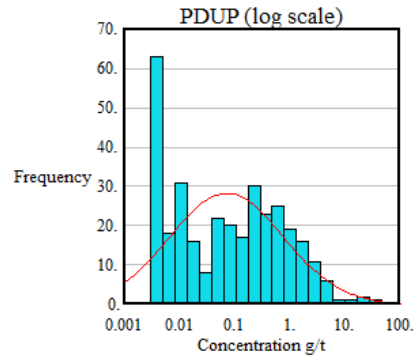
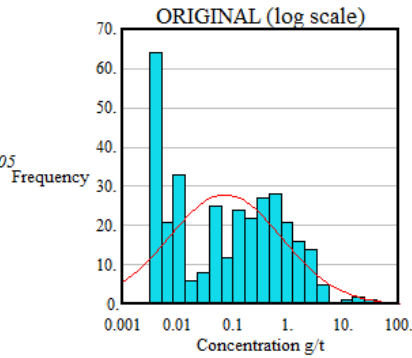
Pitard's Relative Variance: 0.3305

No upper bound

No lower bound

No Individual Points Removed

Units of Measure: g/t



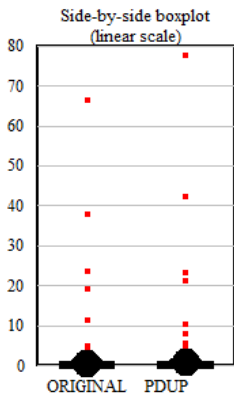
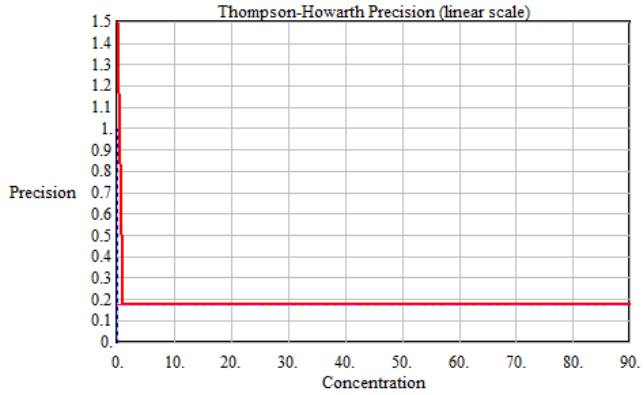
Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program

Descriptive Statistics

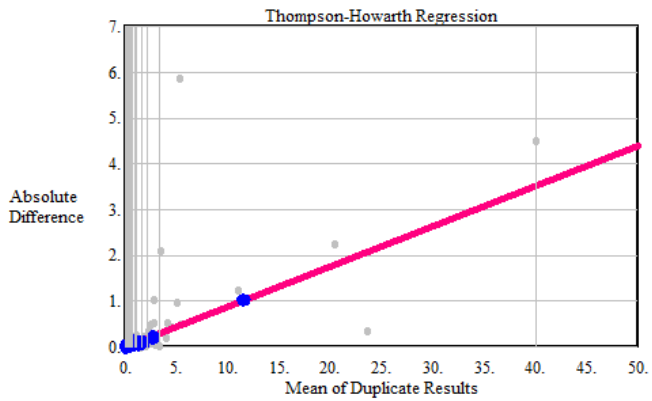
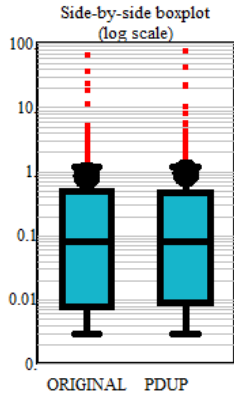
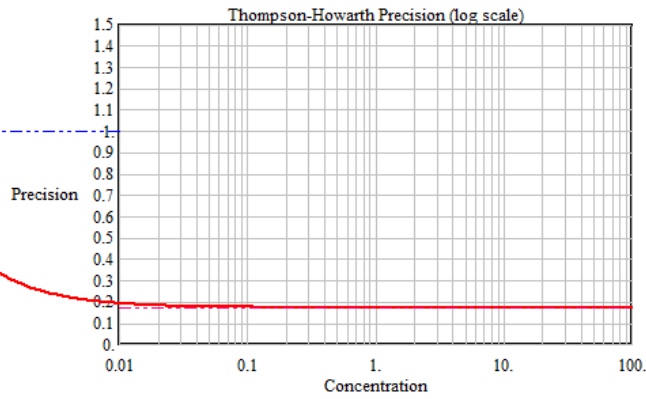
	ORIGINAL	PDUP
Mean	.9032	.9818
25th %-ile	0.008	0.009
Median	0.08	0.08
75th %-ile	0.5	0.48
Minimum	0.003	0.003
Maximum	66.58	77.66
count	331	331
St Dev	4.5766	5.2094
Coef of Var	5.0669	5.3059

Linear correlation: 0.9962
 Rank correlation: 0.9757
 Pitard's Relative Variance: 0.3305
 No upper bound
 No lower bound
 No Individual Points Removed

Units of Measure: g/t



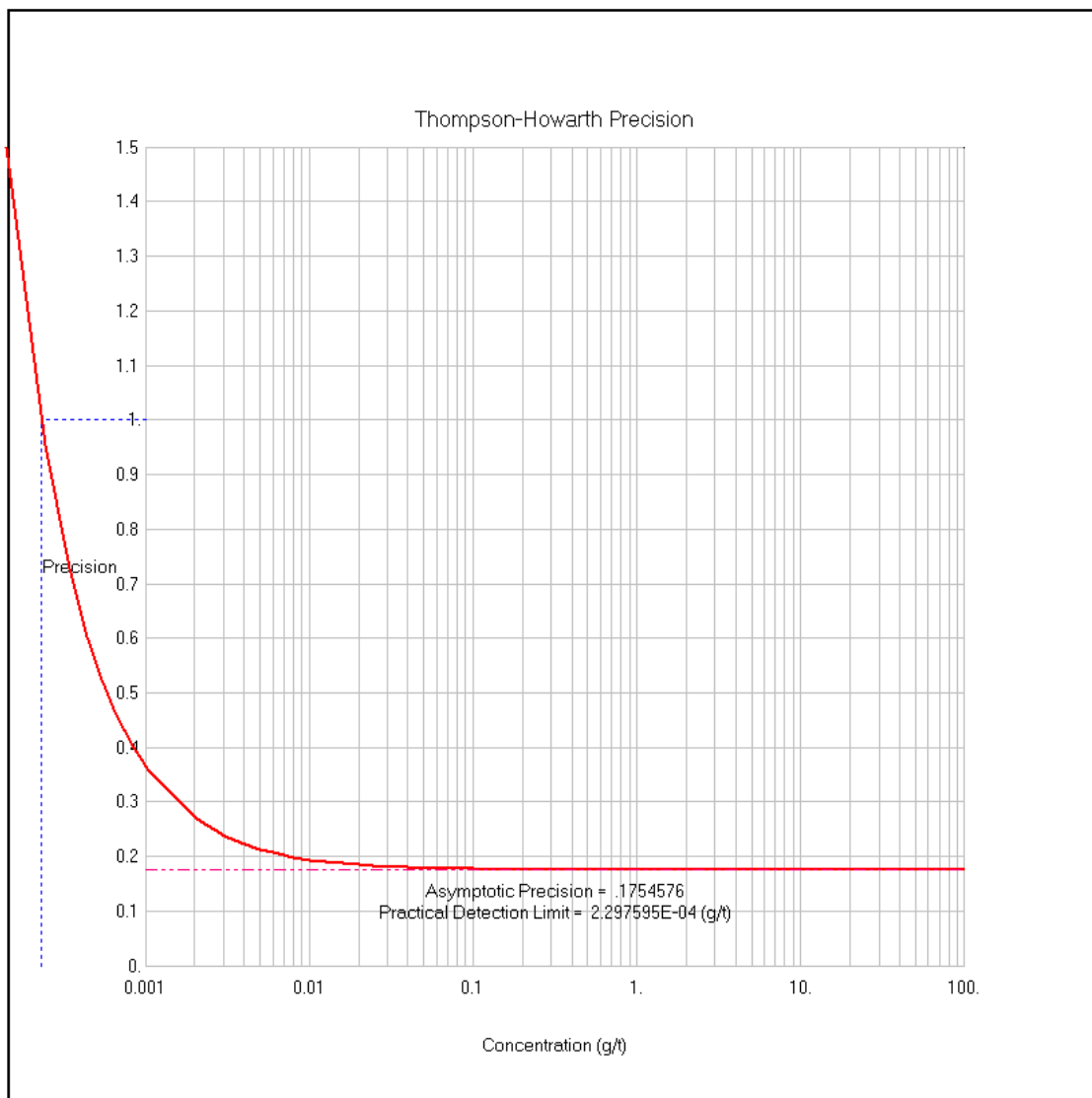
Outlier
 (more than 1.5*IQR beyond the quartiles)



Regression Line: $y = 8.772878E-02x + 9.472323E-05$
 Large Circles represent median absolute difference vs. mean concentration for each group bounded by vertical lines.

All data analysed to 2017-10-16

Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program - All data to 2017-10-16



Descriptive Statistics

	<i>ORIGINAL</i>	<i>PDUP</i>	
Mean	.9	.98	
25th %-ile	0.008	0.009	Linear correlation: 1.
Median	0.08	0.08	Rank correlation: 0.98
75th %-ile	0.5	0.48	Pitard's Relative Variance: 0.33
Minimum	0.003	0.003	
Maximum	66.58	77.66	No upper bound
count	331	331	No lower bound
St Dev	4.58	5.21	No Individual Points Removed
Coef of Var	5.0669	5.3059	

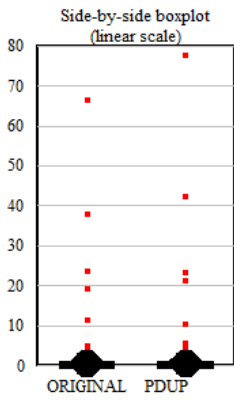
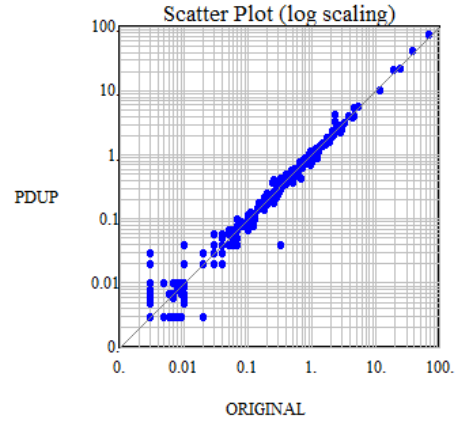
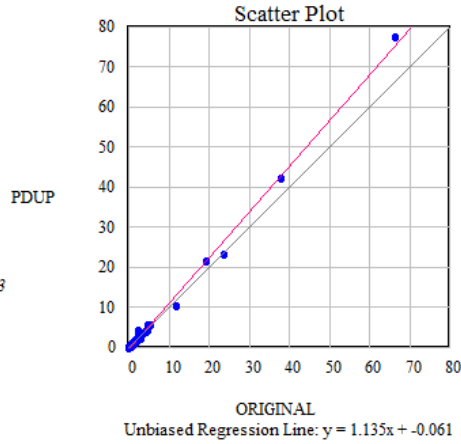
Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program

Descriptive Statistics

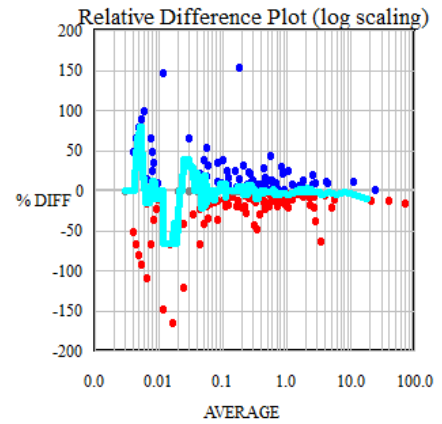
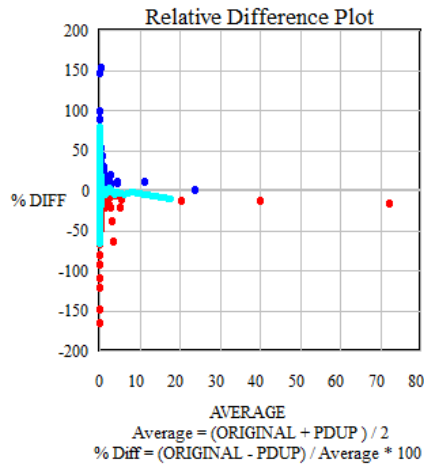
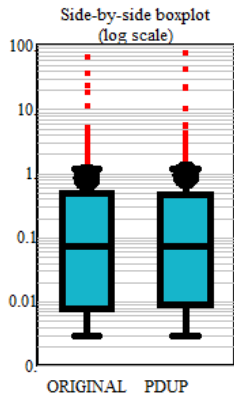
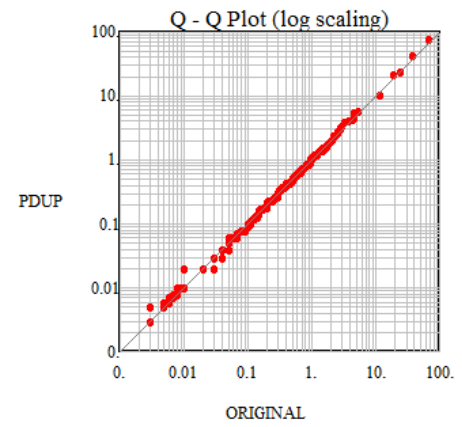
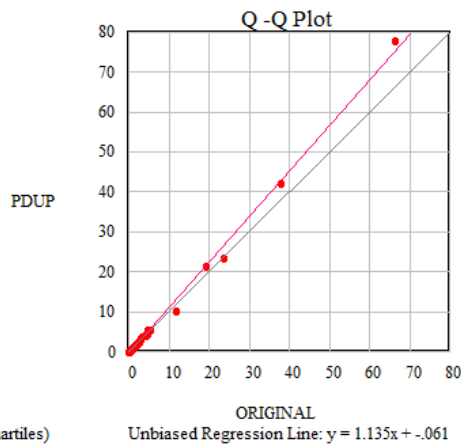
	ORIGINAL	PDUP
Mean	.899	.96
25th %-ile	0.008	0.009
Median	0.075	0.075
75th %-ile	0.5	0.48
Minimum	0.003	0.003
Maximum	66.58	77.66
count	330	330
St Dev	4.5828	5.2021
Coef of Var	5.0979	5.419

Linear correlation: 0.998
 Rank correlation: 0.9757
 Pitard's Relative Variance: 0.2803
 No upper bound
 No lower bound
 1 Individual Points Removed

Units of Measure: g/t



Outlier
 (more than 1.5*IQR beyond the quartiles)



All data analysed to 2017-10-16. One outlier removed.

Input File: C:\Users\dcaunders\Documents\QAQC\Diamond drilling\Duplicates\2017-10-18\PDUPs.csv
 Date Printed: 23 October-2017

Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program

Descriptive Statistics

	ORIGINAL	PDUP
Mean	.899	.96
25th %ile	0.008	0.009
Median	0.075	0.075
75th %ile	0.5	0.48
Minimum	0.003	0.003
Maximum	66.58	77.66
count	330	330
St Dev	4.5828	5.2021
Coef of Var	5.0979	5.419

Linear correlation: 0.998

Rank correlation: 0.9757

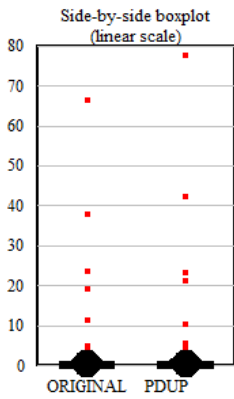
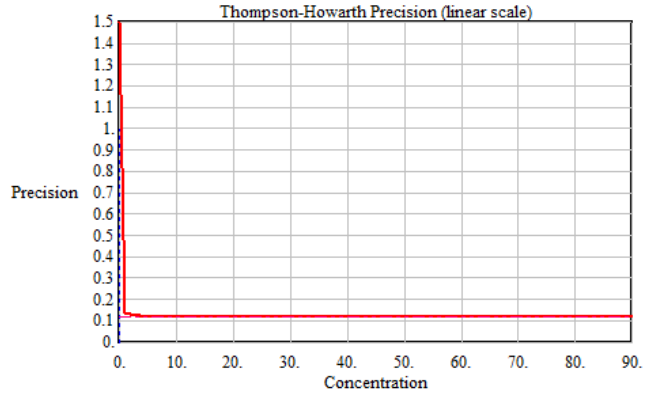
Pitard's Relative Variance: 0.2803

No upper bound

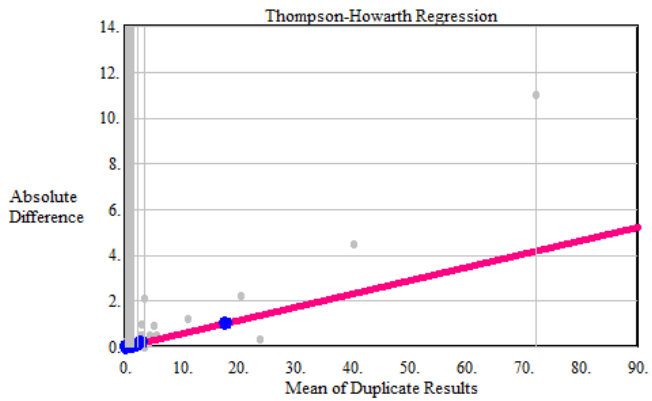
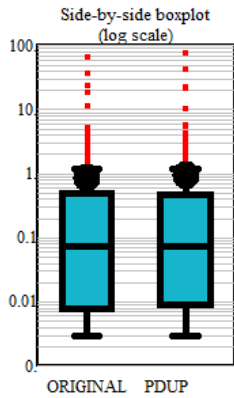
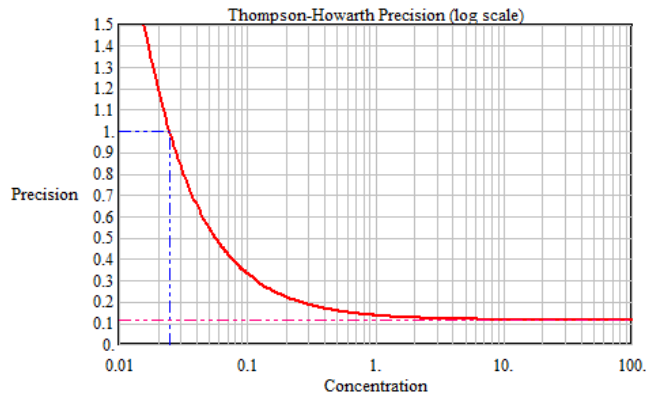
No lower bound

1 Individual Points Removed

Units of Measure: g/t



Outlier
(more than 1.5*IQR beyond the quartiles)

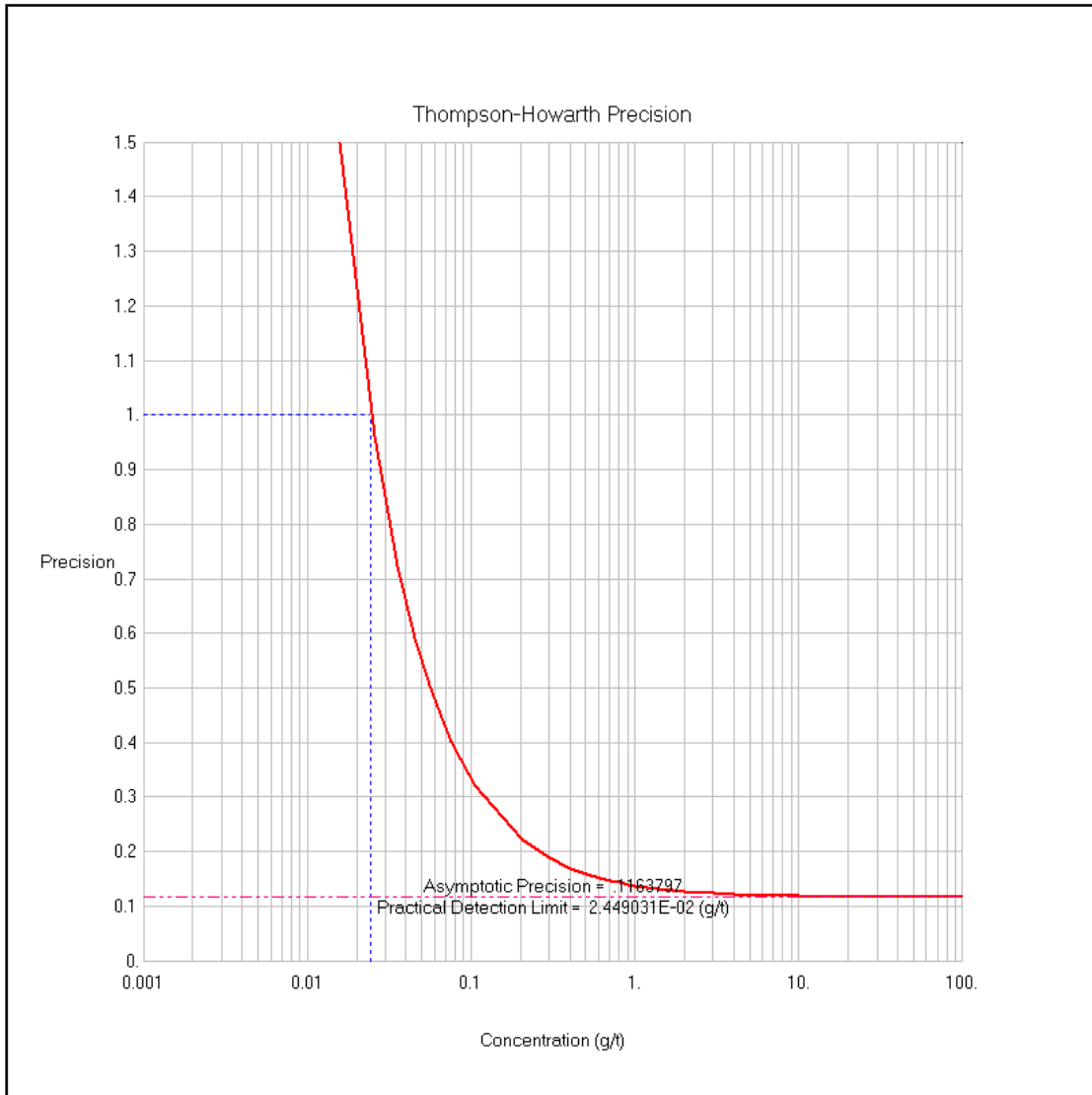


Regression Line: $y = 5.818986E-02x + 1.082007E-02$

Large Circles represent median absolute difference vs. mean concentration for each group bounded by vertical lines.

All data analysed to 2017-10-16. One outlier removed.

Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program. One outlier removed



Descriptive Statistics

	<i>ORIGINAL</i>	<i>PDUP</i>	
Mean	.9	.96	
25th %-ile	0.008	0.009	Linear correlation: 1.
Median	0.075	0.075	Rank correlation: 0.98
75th %-ile	0.5	0.48	Pitard's Relative Variance: 0.28
Minimum	0.003	0.003	
Maximum	66.58	77.66	No upper bound
count	330	330	No lower bound
St Dev	4.58	5.2	1 Individual Points Removed
Coef of Var	5.0979	5.419	

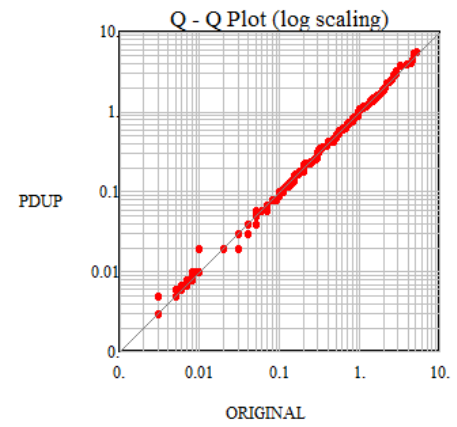
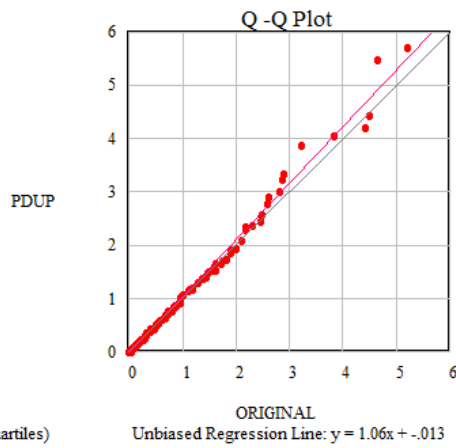
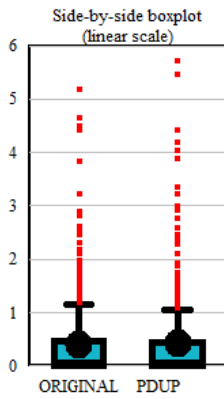
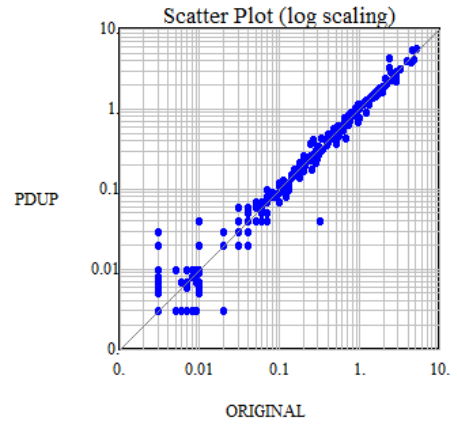
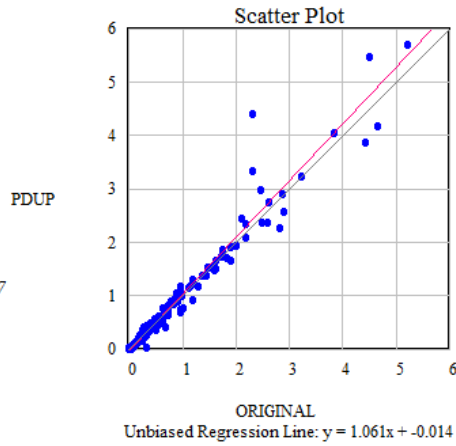
Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program. One outlier removed

Descriptive Statistics

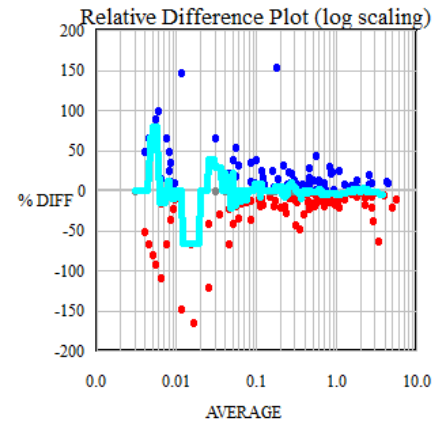
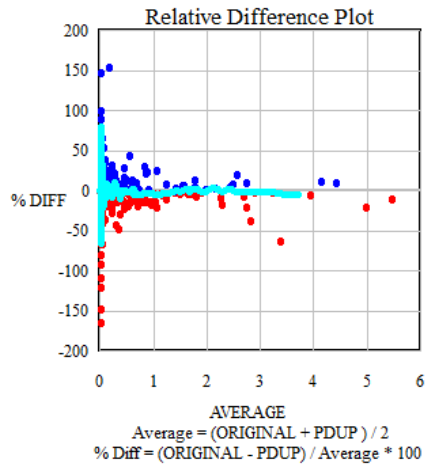
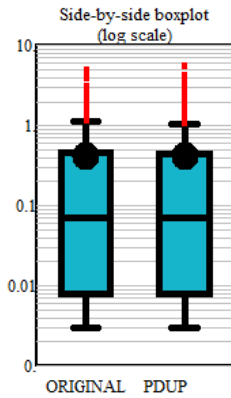
	ORIGINAL	PDUP
Mean	.4235	.4355
25th %-ile	0.008	0.008
Median	0.07	0.07
75th %-ile	0.47	0.44
Minimum	0.003	0.003
Maximum	5.2	5.71
count	325	325
St Dev	0.7972	0.8449
Coef of Var	1.8824	1.9402

Linear correlation: 0.9809
 Rank correlation: 0.9757
 Pitard's Relative Variance: 0.0767
 Upper Bound = 10 (5 Trimmed)
 No lower bound
 1 Individual Points Removed

Units of Measure: g/t



Outlier
 (more than 1.5*IQR beyond the quartiles)



All data analysed to 2017-10-16. One outlier removed. Trimmed above 10 ppm to isolate results analysed by FAA method.

Input File: C:\Users\dsaunders\Documents\QAQC\Diamond drilling\Duplicates\2017-10-18\PDUPs.csv
 Date Printed: 23 October-2017

Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program

Descriptive Statistics

	ORIGINAL	PDUP
Mean	.4235	.4355
25th %ile	0.008	0.008
Median	0.07	0.07
75th %ile	0.47	0.44
Minimum	0.003	0.003
Maximum	5.2	5.71
count	325	325
St Dev	0.7972	0.8449
Coef of Var	1.8824	1.9402

Linear correlation: 0.9809

Rank correlation: 0.9757

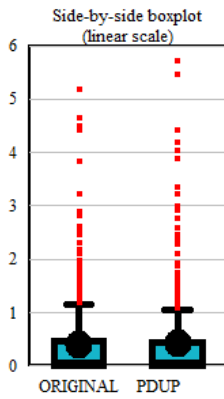
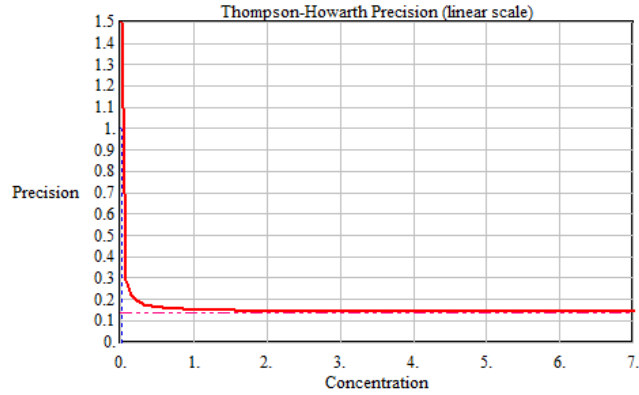
Pitard's Relative Variance: 0.0767

Upper Bound = 10 (5 Trimmed)

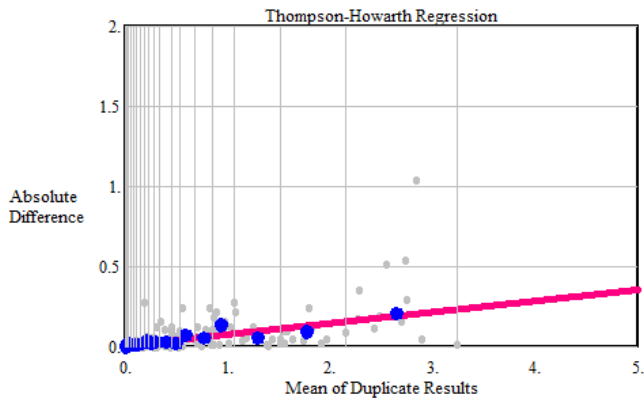
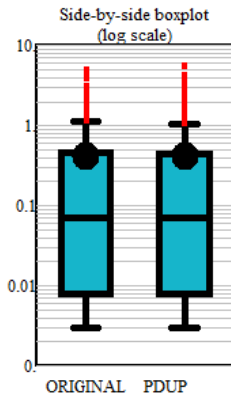
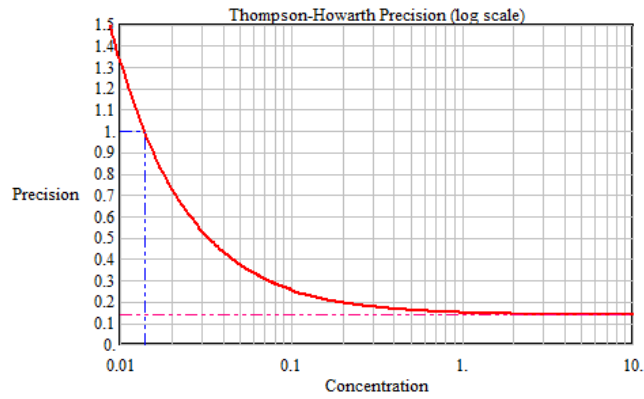
No lower bound

1 Individual Points Removed

Units of Measure: g/t



Outlier
(more than 1.5*IQR beyond the quartiles)



Regression Line: $y = .0696653x + 5.914438E-03$

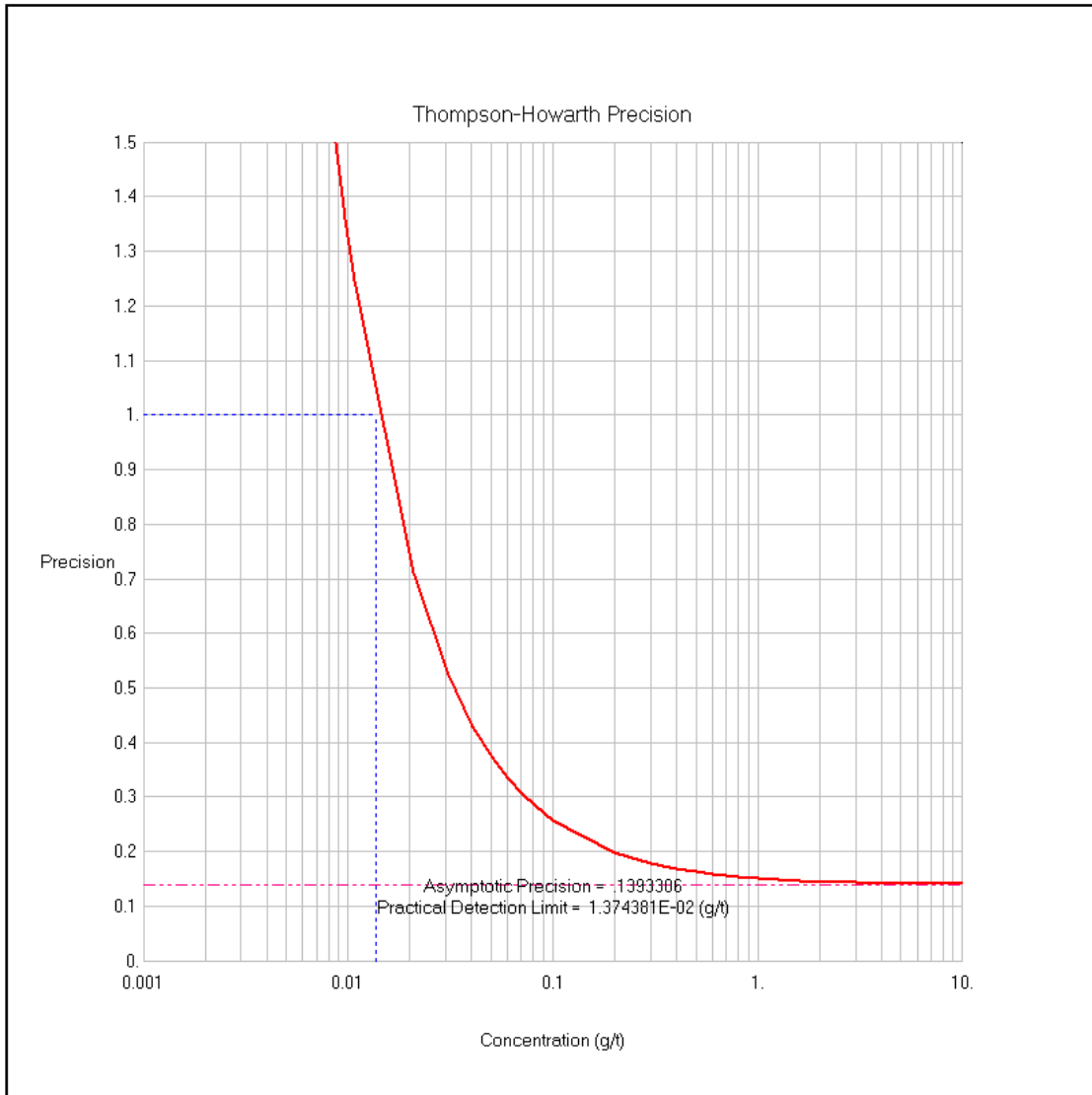
Large Circles represent median absolute difference vs. mean concentration for each group bounded by vertical lines.

All data analysed to 2017-10-16. One outlier removed. Trimmed above 10 ppm to isolate results analysed by FAA method.

Input File: C:\Users\dsaunders\Documents\QAQC\Diamond drilling\Duplicates\2017-10-18\PDUPs.csv

Date Printed: 23 October 2017

Rubicon Minerals Corp - Pulp duplicates at SGS Lab on 2017 DD program. One outlier removed



Descriptive Statistics

	<i>ORIGINAL</i>	<i>PDUP</i>	
Mean	.42	.44	
25th %-ile	0.008	0.008	Linear correlation: 0.98
Median	0.07	0.07	Rank correlation: 0.98
75th %-ile	0.47	0.44	Pitard's Relative Variance: 0.08
Minimum	0.003	0.003	
Maximum	5.2	5.71	Upper Bound = 10 (5 Trimmed)
count	325	325	No lower bound
St Dev	0.8	0.84	1 Individual Points Removed
Coef of Var	1.88237	1.9402	

Coarse reject duplicates.

Rubicon Minerals Corp. Coarse Reject Duplicates - 2017 DD Program - SGS Lab

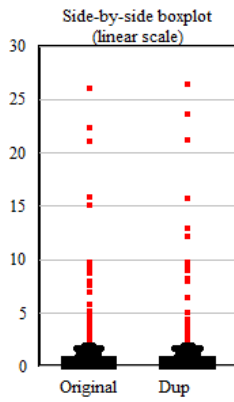
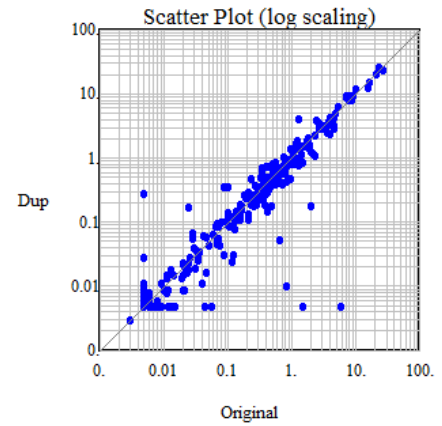
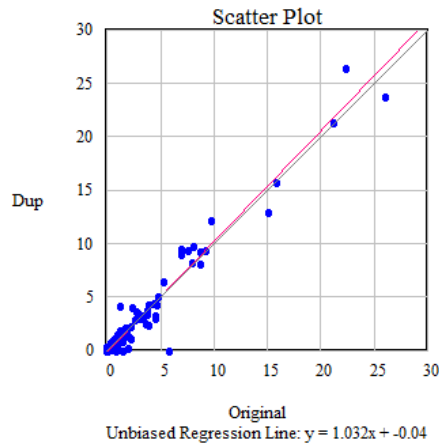
Descriptive Statistics

	Original	Dup
Mean	1.0955	1.0908
25th %-ile	0.008	0.007
Median	0.184	0.15
75th %-ile	0.703	0.684
Minimum	0.003	0.003
Maximum	26.04	26.41
count	315	315
St Dev	2.9533	3.0462
Coef of Var	2.6958	2.7926

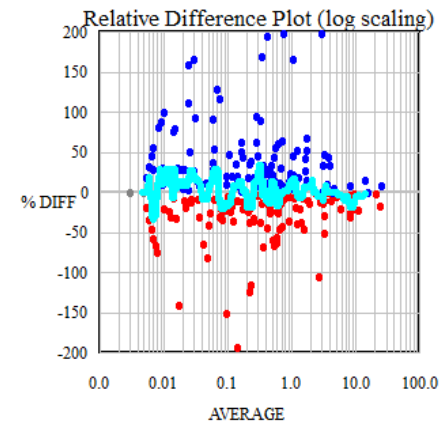
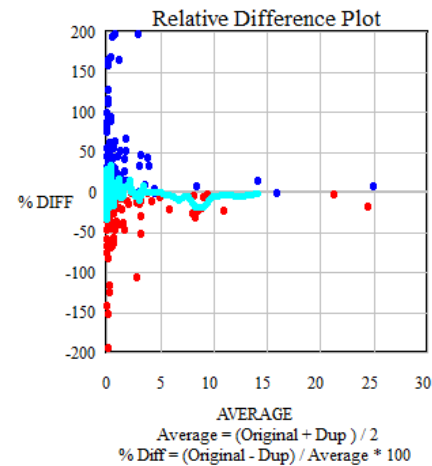
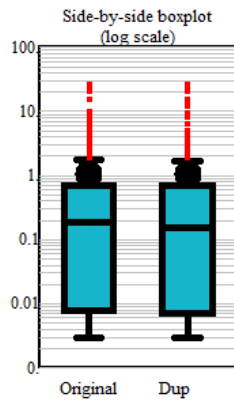
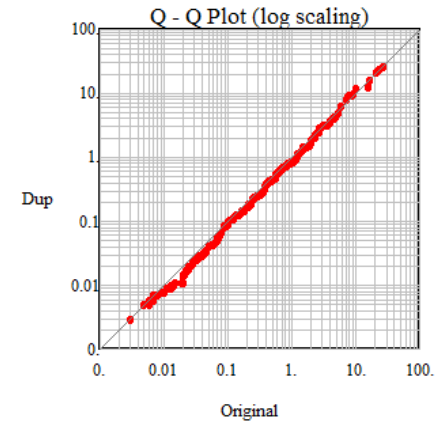
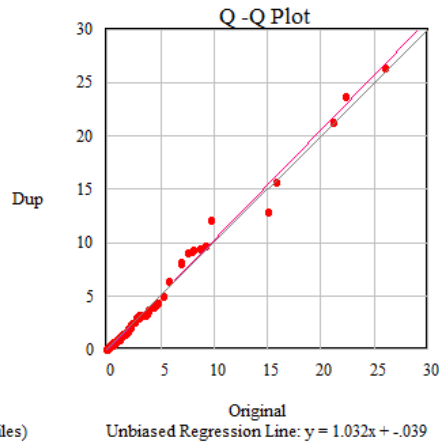
Linear correlation: 0.9795
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.1588

No upper bound
 No lower bound
 No Individual Points Removed

Units of Measure: g/t

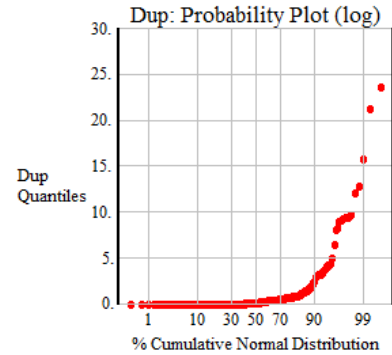
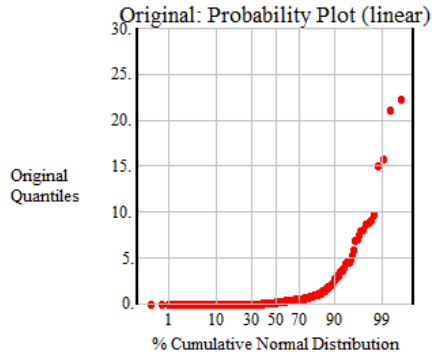
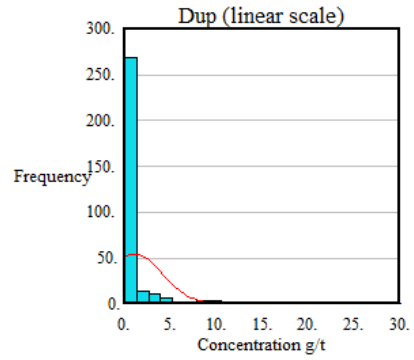
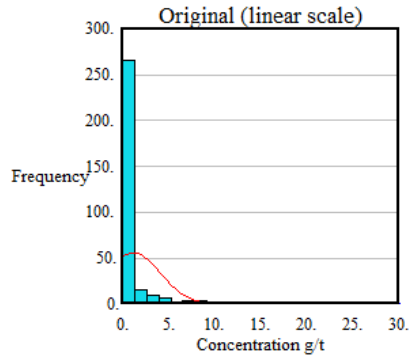


Outlier
 (more than 1.5*IQR beyond the quartiles)



All 2017 data to Oct 13, 2017

Rubicon Minerals
Corp. Coarse Reject
Duplicates - 2017
DD Program -
SGS Lab. All data
to Oct 13, 2013



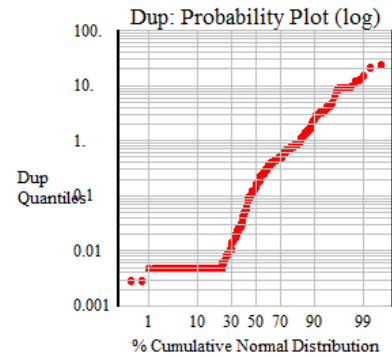
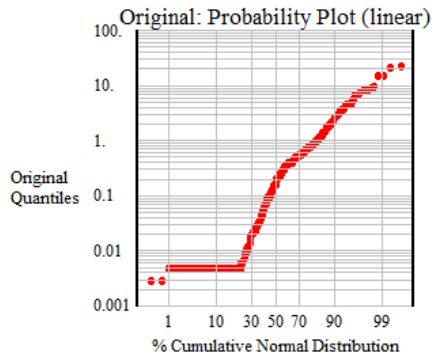
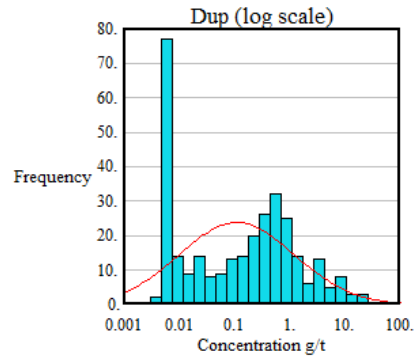
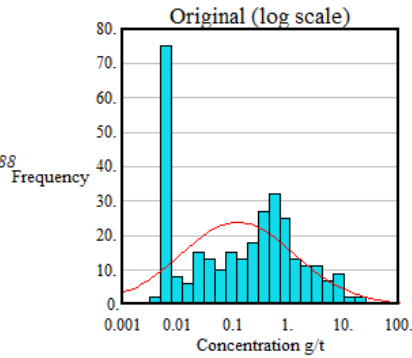
Descriptive Statistics

	<i>Original</i>	<i>Dup</i>
Mean	1.0955	1.0908
25th %-ile	0.008	0.007
Median	0.184	0.15
75th %-ile	0.703	0.684
Minimum	0.003	0.003
Maximum	26.04	26.41
count	315	315
St Dev	2.9533	3.0462
Coef of Var	2.6958	2.7926

Linear correlation: 0.9795
Rank correlation: 0.9373
Pitard's Relative Variance: 0.1588

No upper bound
No lower bound
No Individual Points Removed

Units of Measure: g/t



Descriptive Statistics

	Original	Dup
Mean	1.0955	1.0908
25th %-ile	0.008	0.007
Median	0.184	0.15
75th %-ile	0.703	0.684
Minimum	0.003	0.003
Maximum	26.04	26.41
count	315	315
St Dev	2.9533	3.0462
Coef of Var	2.6958	2.7926

Linear correlation: 0.9795
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.1588

No upper bound
 No lower bound
 No Individual Points Removed

Units of Measure: g/t

SIGN TEST

For each pair of data, DIFFERENCE = Original - Dup

Null Hypothesis: Each DIFFERENCE is equally likely to be positive or negative

Test Statistic: X = Number of differences that are greater than 0

Region of Acceptance: $140 < X < 175$

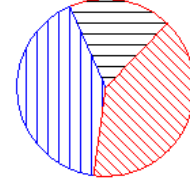
Observed Value of X: 161

Total Number of Pairs Considered: 315 (zero-difference pairs divided equally between positive and negative groups)

Level of Significance: 0.05

Observed Level of Significance: 0.78

Test Result: No Systematic Bias Detected: Accept the Null Hypothesis.



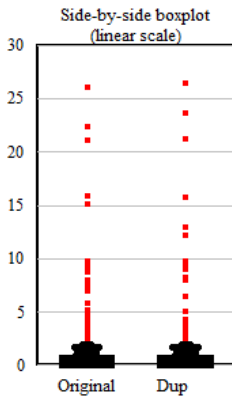
19.05 % = 0
 41.59 % > 0
 39.37 % < 0

Purpose of Sign Test:

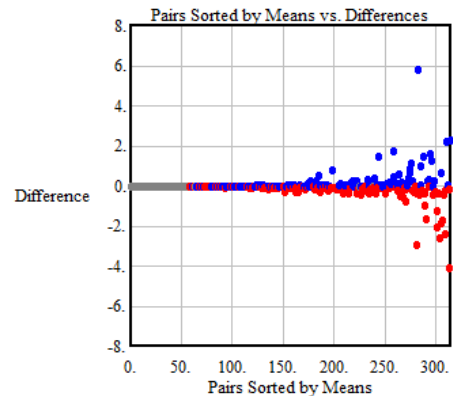
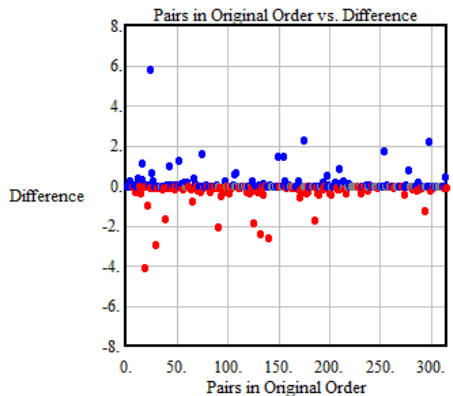
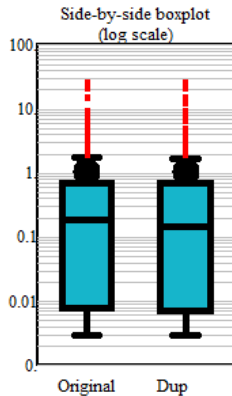
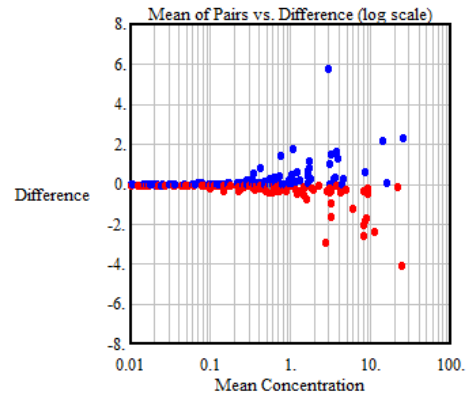
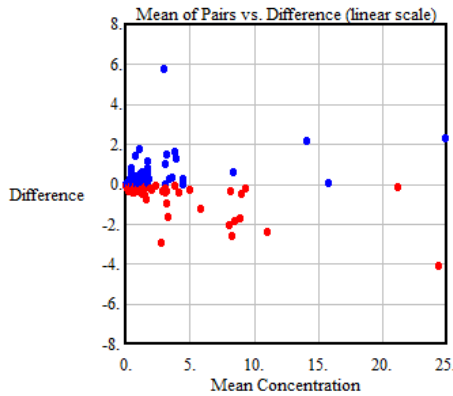
To determine if there is about the same number of positive and negative differences.

The test statistic (X) is the number of differences greater than 0. The null hypothesis states that a difference is equally likely to be greater than or less than zero. If X lies between critical values (in the region of acceptance), then the null hypothesis is accepted and we conclude that there is no systematic bias present.

The level of significance is the probability that X will not lie between the critical values when the null hypothesis is true. The observed level of significance is the probability (under the null hypothesis) of X being at least as extreme as it actually was.



Outlier ■
 (more than 1.5*IQR beyond the quartiles)



All 2017 data to Oct 13, 2017

t-TEST

Descriptive Statistics

	Original	Dup
Mean	1.0955	1.0908
25th %-ile	0.008	0.007
Median	0.184	0.15
75th %-ile	0.703	0.684
Minimum	0.003	0.003
Maximum	26.04	26.41
count	315	315
St Dev	2.9533	3.0462
Coef of Var	2.6958	2.7926

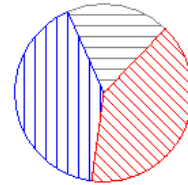
Linear correlation: 0.9795
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.1588
 No upper bound
 No lower bound
 No Individual Points Removed

Units of Measure: g/t

For each pair of data, DIFFERENCE = Original - Dup

Null Hypothesis: The mean value of the differences is zero
Test Statistic: $t = (\text{mean of differences} - 0) / \text{standard deviation of differences}$
Region of Acceptance: $-1.96 < t < 1.96$
Observed Value of t: 0.14
Observed Mean of Differences: 0.00
Level of Significance: 0.05
Observed Level of Significance: 0.89
Test Result: No Systematic Bias Detected: Accept the Null Hypothesis.

Parity of Differences

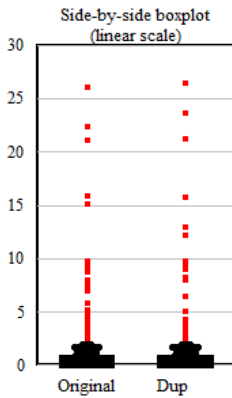


19.05 % = 0
 41.59 % > 0
 39.37 % < 0

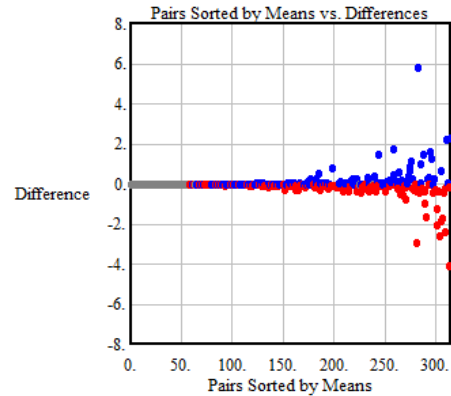
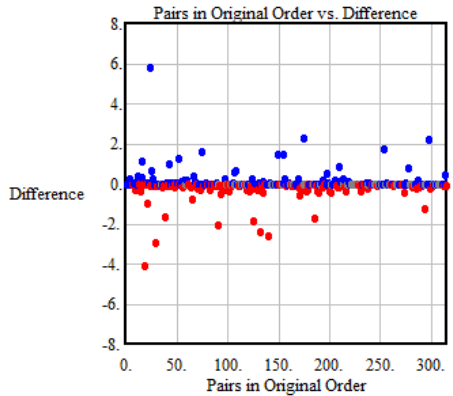
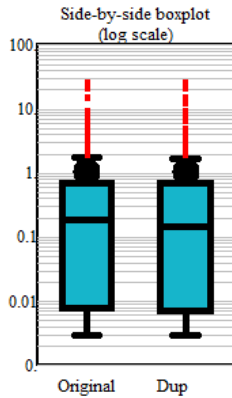
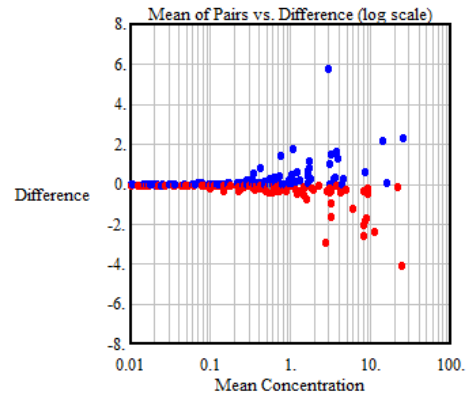
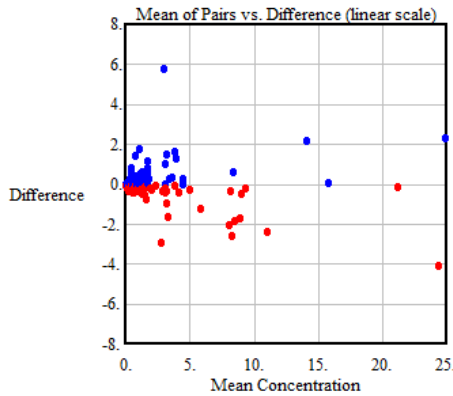
Purpose of t-Test:

To determine if two populations of paired samples have the same mean. The null hypothesis, that the mean of the differences between the pairs is equal to zero, is tested against the alternate hypothesis, that the mean of the differences is not equal to zero. If the observed value of t lies between critical values (in the region of acceptance) then the null hypothesis is accepted and we conclude that the mean of the differences is zero, and there is no systematic bias present.

The level of significance is the probability that t will not lie between the critical values when the null hypothesis is true. The observed level of significance is the probability (under the null hypothesis) of t being at least as extreme as it actually was.



Outlier ■
 (more than 1.5*IQR beyond the quartiles)



All 2017 data to Oct 13, 2017

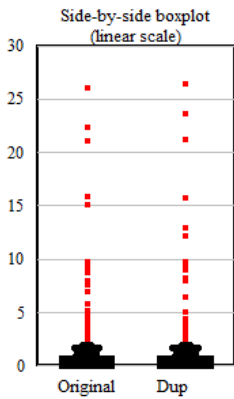
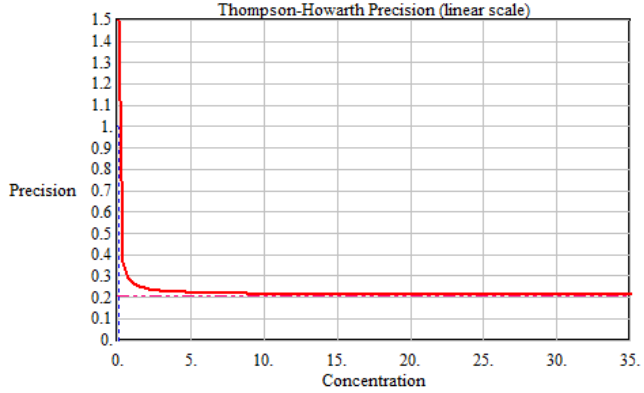
Descriptive Statistics

	Original	Dup
Mean	1.0955	1.0908
25th %-ile	0.008	0.007
Median	0.184	0.15
75th %-ile	0.703	0.684
Minimum	0.003	0.003
Maximum	26.04	26.41
count	315	315
St Dev	2.9533	3.0462
Coef of Var	2.6958	2.7926

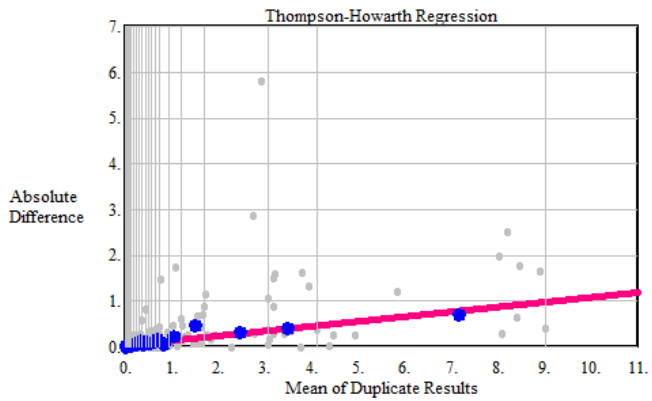
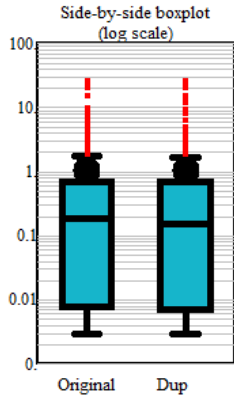
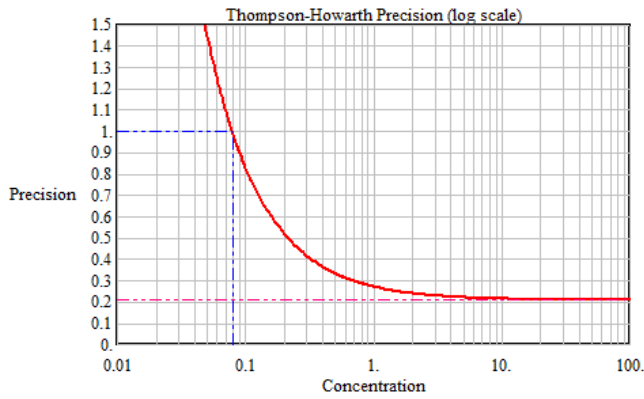
Linear correlation: 0.9795
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.1588

No upper bound
 No lower bound
 No Individual Points Removed

Units of Measure: g/t



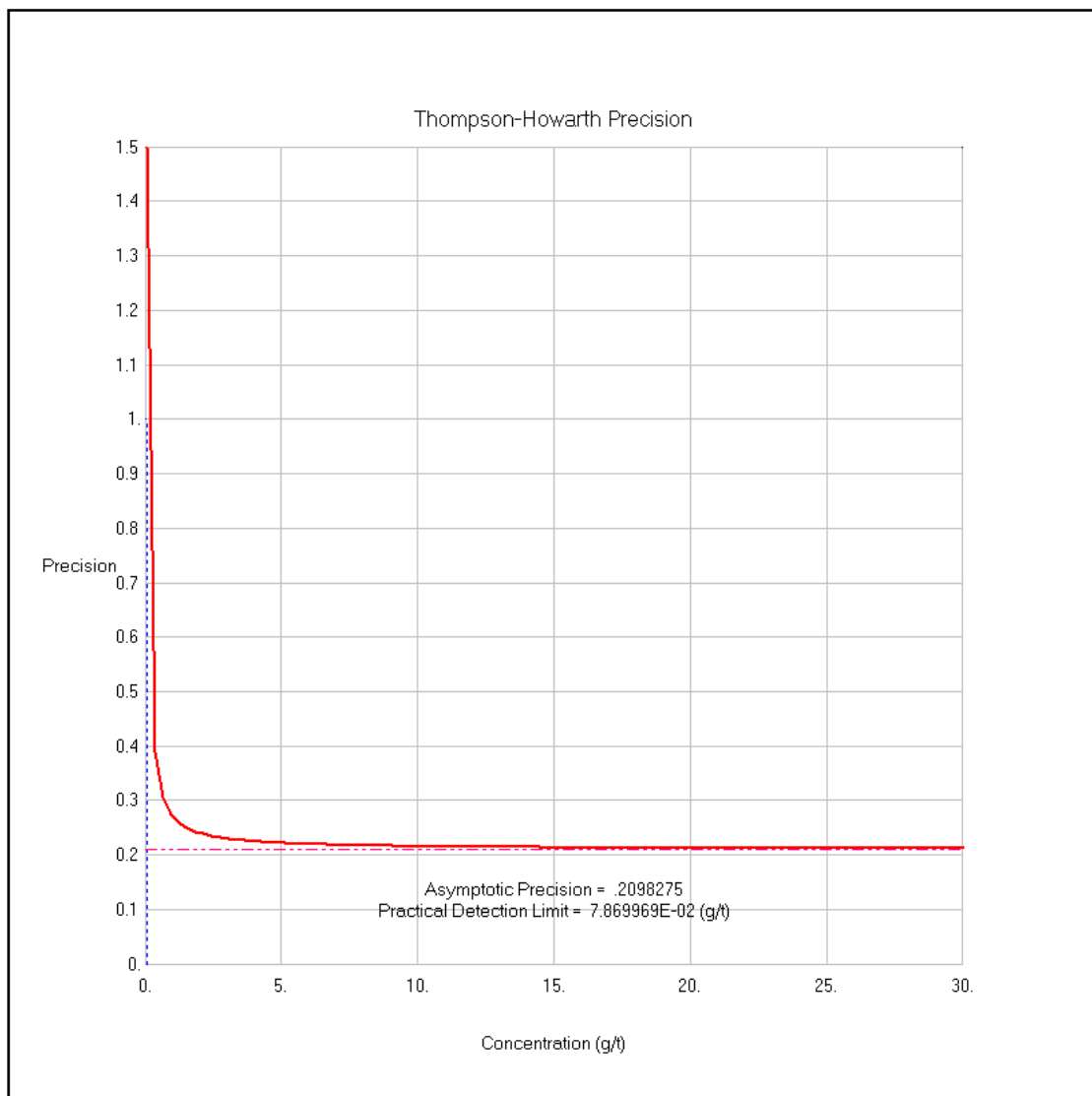
Outlier
 (more than 1.5*IQR beyond the quartiles)



Regression Line: $y = .1049137x + 3.109317E-02$
 Large Circles represent median absolute difference vs. mean concentration for each group bounded by vertical lines.

All 2017 data to Oct 13, 2017

Rubicon Minerals Corp. Coarse Reject Duplicates - 2017 DD Program - SGS Lab. All data to Oct 13, 2013



Descriptive Statistics

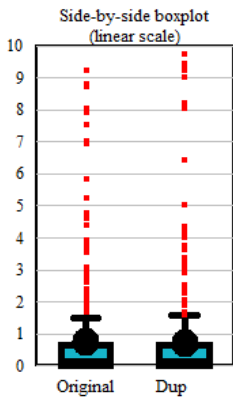
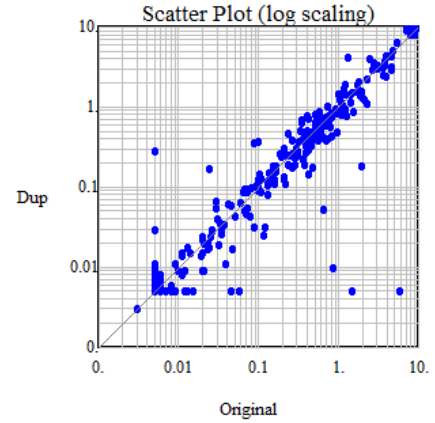
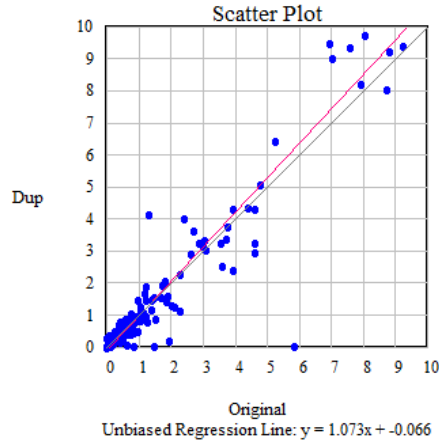
	<i>Original</i>	<i>Dup</i>	
Mean	1.1	1.09	
25th %-ile	0.008	0.007	Linear correlation: 0.98
Median	0.184	0.15	Rank correlation: 0.94
75th %-ile	0.703	0.684	Pitard's Relative Variance: 0.16
Minimum	0.003	0.003	
Maximum	26.04	26.41	No upper bound
count	315	315	No lower bound
St Dev	2.95	3.05	No Individual Points Removed
Coef of Var	2.69577	2.7926	

Descriptive Statistics

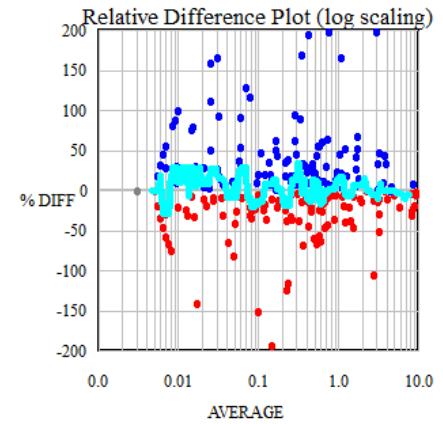
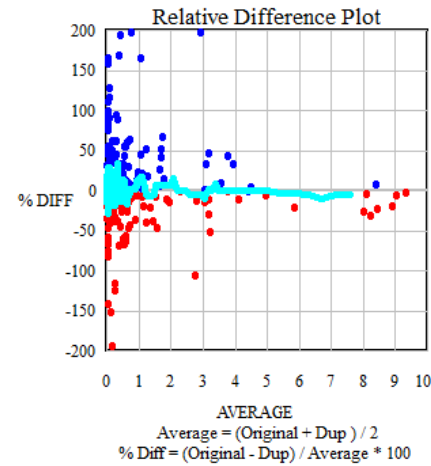
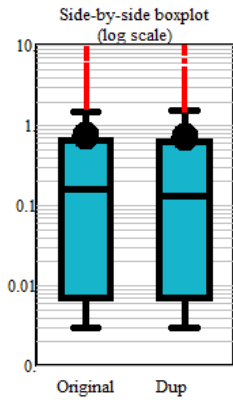
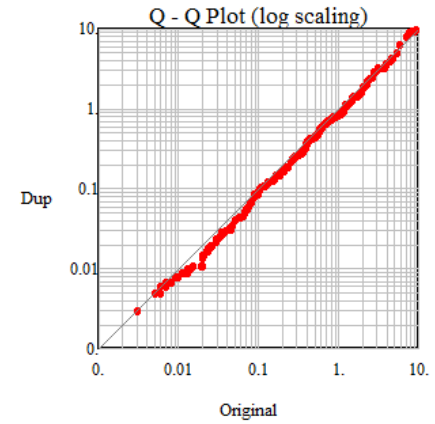
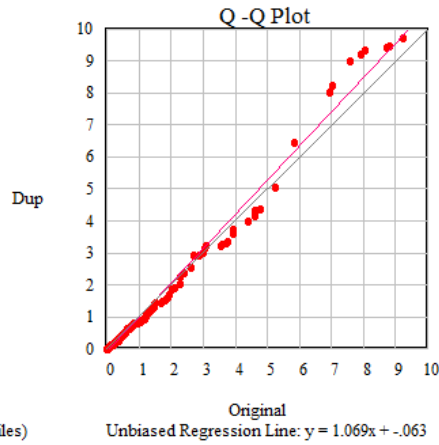
	Original	Dup
Mean	.7596	.7489
25th %-ile	0.007	0.007
Median	0.159	0.133
75th %-ile	0.651	0.643
Minimum	0.003	0.003
Maximum	9.22	9.73
count	309	309
St Dev	1.5518	1.6586
Coef of Var	2.0429	2.2148

Linear correlation: 0.9477
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.2477
 Upper Bound = 10 (6 Trimmed)
 No lower bound
 No Individual Points Removed

Units of Measure: g/t



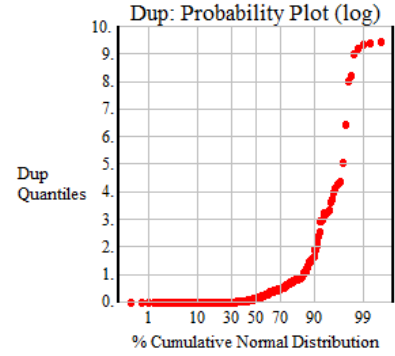
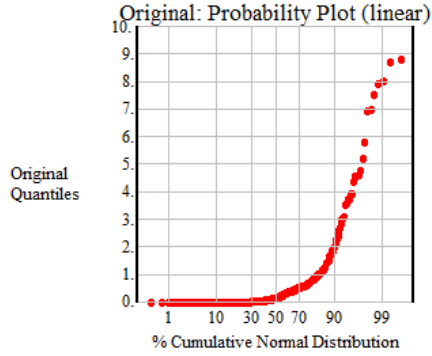
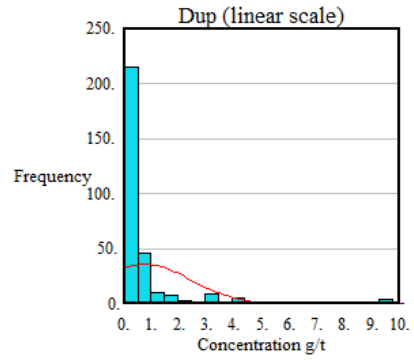
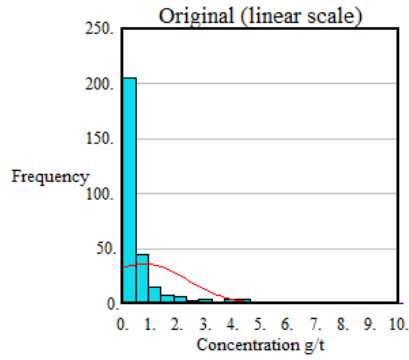
Outlier (more than 1.5*IQR beyond the quartiles)



All 2017 data to Oct 13, 2017. Trimmed above 10 ppm to isolate results analysed by FAA method.

Input File: C:\Users\dcaunders\Documents\QAQC\Diamond drilling\Reports\2017-10-13 ytd\2017-10-13YTD_Cdup_data.csv
 Date Printed: 17 October-2017

Rubicon Minerals
Corp. Coarse Reject
Duplicates - 2017
DD Program -
SGS Lab. Data
>10 g/t trimmed.

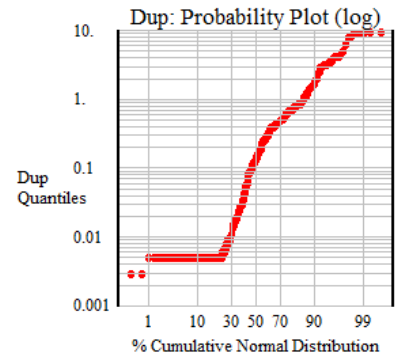
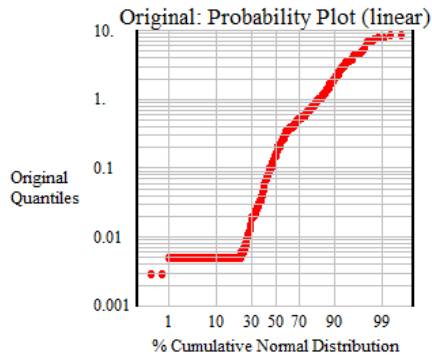
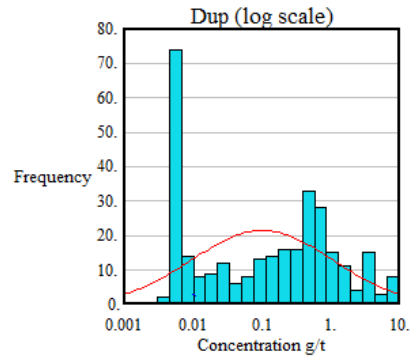
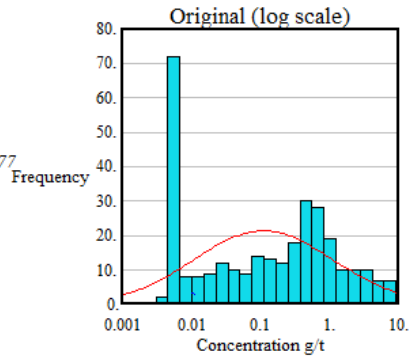


Descriptive Statistics

	<i>Original</i>	<i>Dup</i>
Mean	.7596	.7489
25th %-ile	0.007	0.007
Median	0.159	0.133
75th %-ile	0.651	0.643
Minimum	0.003	0.003
Maximum	9.22	9.73
count	309	309
St Dev	1.5518	1.6586
Coef of Var	2.0429	2.2148

Linear correlation: 0.9477
Rank correlation: 0.9373
Pitard's Relative Variance: 0.2477
Upper Bound = 10 (6 Trimmed)
No lower bound
No Individual Points Removed

Units of Measure: g/t



Descriptive Statistics

	Original	Dup
Mean	.7596	.7489
25th %-ile	0.007	0.007
Median	0.159	0.133
75th %-ile	0.651	0.643
Minimum	0.003	0.003
Maximum	9.22	9.73
count	309	309
St Dev	1.5518	1.6586
Coef of Var	2.0429	2.2148

Linear correlation: 0.9477
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.2477
 Upper Bound = 10 (6 Trimmed)
 No lower bound
 No Individual Points Removed

Units of Measure: g/t

SIGN TEST

For each pair of data, DIFFERENCE = Original - Dup

Null Hypothesis: Each DIFFERENCE is equally likely to be positive or negative

Test Statistic: X = Number of differences that are greater than 0

Region of Acceptance: 137 < X < 172

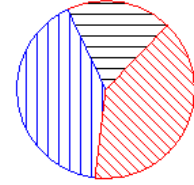
Observed Value of X: 158

Total Number of Pairs Considered: 309 (zero-difference pairs divided equally between positive and negative groups)

Level of Significance: 0.05

Observed Level of Significance: 0.78

Test Result: No Systematic Bias Detected: Accept the Null Hypothesis.



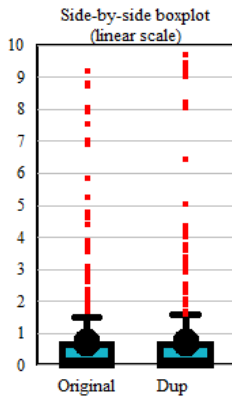
19.42 % = 0
 41.42 % > 0
 39.16 % < 0

Purpose of Sign Test:

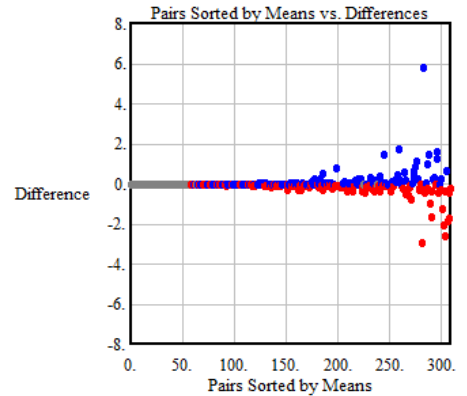
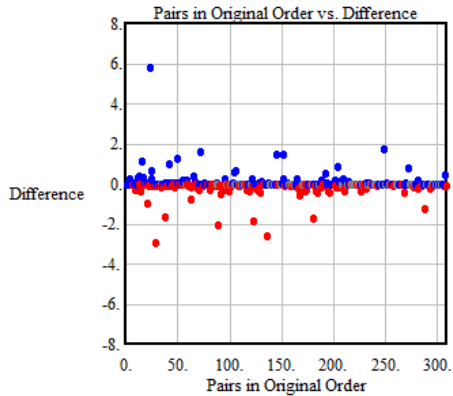
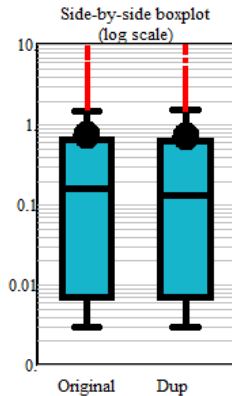
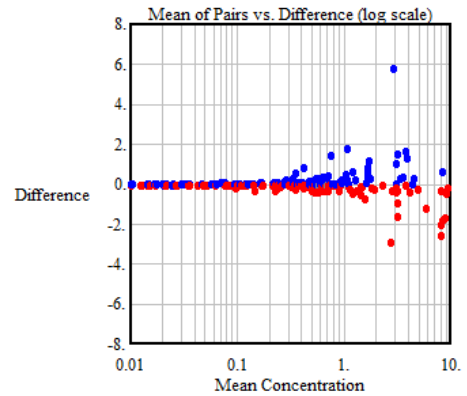
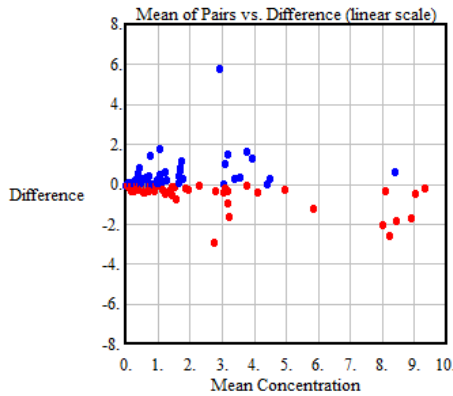
To determine if there is about the same number of positive and negative differences.

The test statistic (X) is the number of differences greater than 0. The null hypothesis states that a difference is equally likely to be greater than or less than zero. If X lies between critical values (in the region of acceptance), then the null hypothesis is accepted and we conclude that there is no systematic bias present.

The level of significance is the probability that X will not lie between the critical values when the null hypothesis is true. The observed level of significance is the probability (under the null hypothesis) of X being at least as extreme as it actually was.



Outlier •
 (more than 1.5*IQR beyond the quartiles)



All 2017 data to Oct 13, 2017. Trimmed above 10 ppm to isolate results analysed by FAA method.

Descriptive Statistics

	Original	Dup
Mean	.7596	.7489
25th %-ile	0.007	0.007
Median	0.159	0.133
75th %-ile	0.651	0.643
Minimum	0.003	0.003
Maximum	9.22	9.73
count	309	309
St Dev	1.5518	1.6586
Coef of Var	2.0429	2.2148

Linear correlation: 0.9477
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.2477
 Upper Bound = 10 (6 Trimmed)
 No lower bound
 No Individual Points Removed

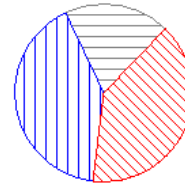
Units of Measure: g/t

t-TEST

For each pair of data, DIFFERENCE = Original - Dup

Null Hypothesis: The mean value of the differences is zero
Test Statistic: $t = (\text{mean of differences} - 0) / \text{standard deviation of differences}$
Region of Acceptance: $-1.96 < t < 1.96$
Observed Value of t: 0.35
Observed Mean of Differences: 0.01
Level of Significance: 0.05
Observed Level of Significance: 0.72
Test Result: No Systematic Bias Detected: Accept the Null Hypothesis.

Parity of Differences

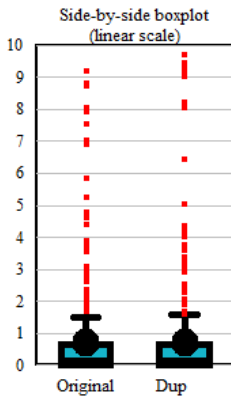


19.42 % = 0
 41.42 % > 0
 39.16 % < 0

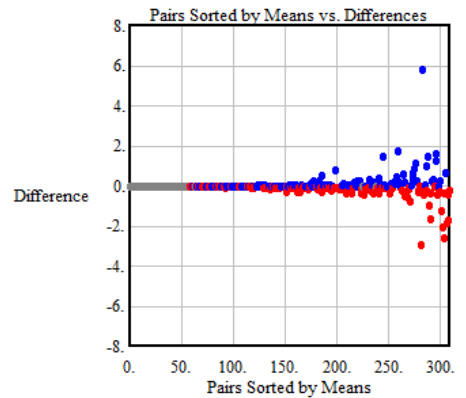
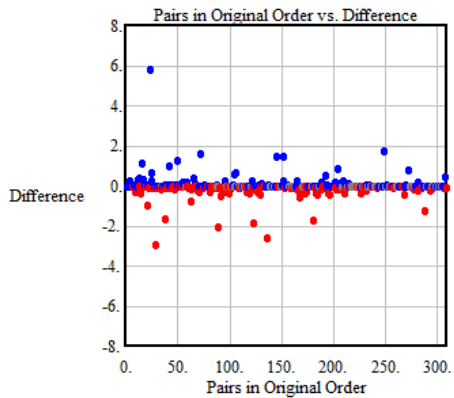
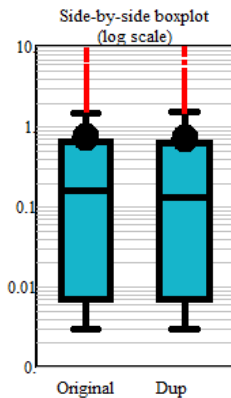
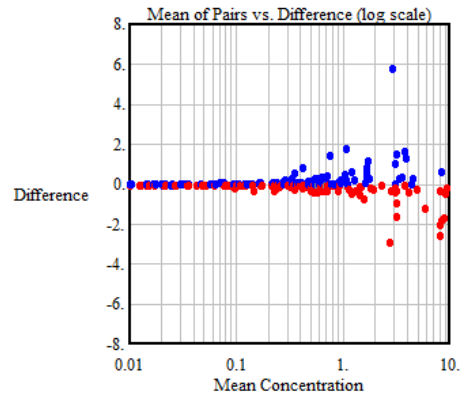
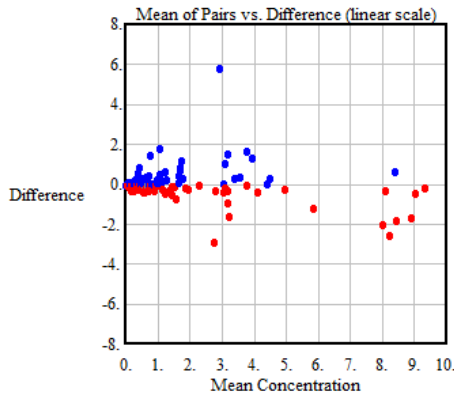
Purpose of t-Test:

To determine if two populations of paired samples have the same mean. The null hypothesis, that the mean of the differences between the pairs is equal to zero, is tested against the alternate hypothesis, that the mean of the differences is not equal to zero. If the observed value of t lies between critical values (in the region of acceptance) then the null hypothesis is accepted and we conclude that the mean of the differences is zero, and there is no systematic bias present.

The level of significance is the probability that t will not lie between the critical values when the null hypothesis is true. The observed level of significance is the probability (under the null hypothesis) of t being at least as extreme as it actually was.



Outlier •
 (more than 1.5*IQR beyond the quartiles)



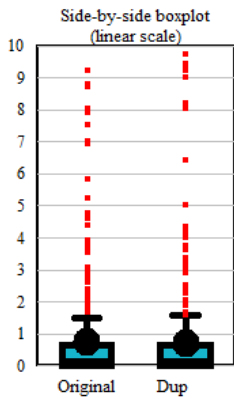
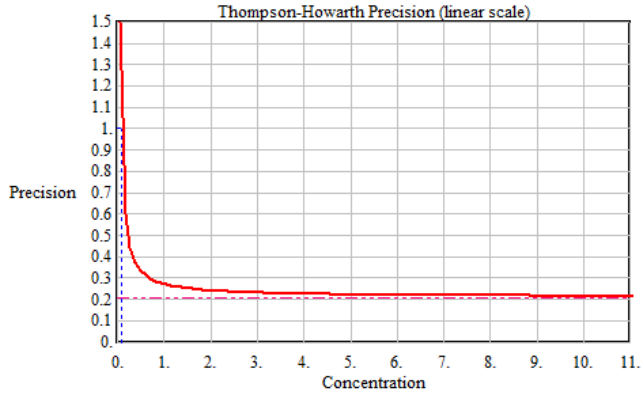
All 2017 data to Oct 13, 2017. Trimmed above 10 ppm to isolate results analysed by FAA method.

Descriptive Statistics

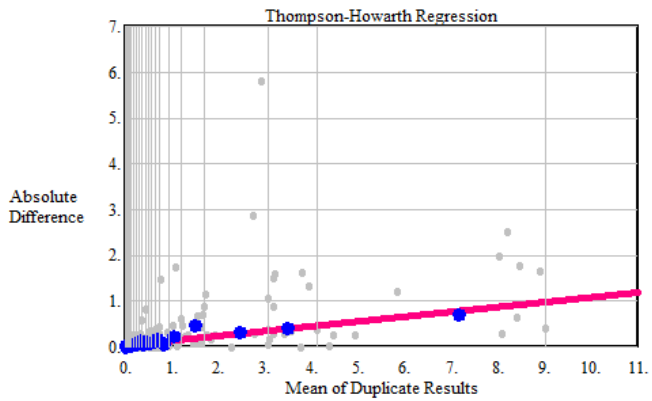
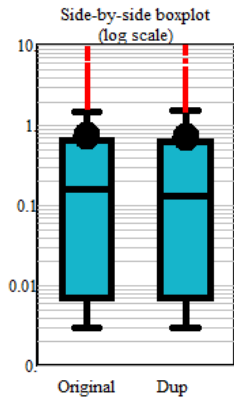
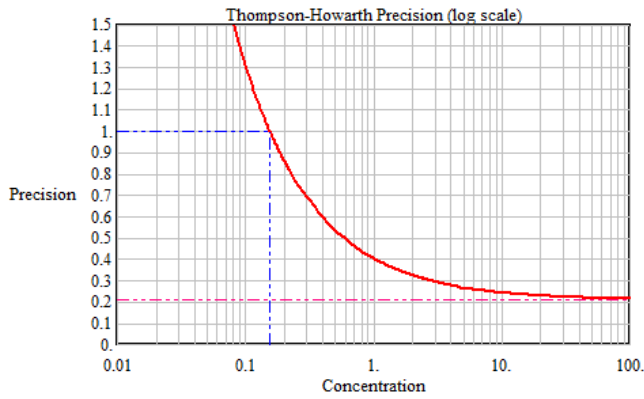
	Original	Dup
Mean	.7596	.7489
25th %-ile	0.007	0.007
Median	0.159	0.133
75th %-ile	0.651	0.643
Minimum	0.003	0.003
Maximum	9.22	9.73
count	309	309
St Dev	1.5518	1.6586
Coef of Var	2.0429	2.2148

Linear correlation: 0.9477
 Rank correlation: 0.9373
 Pitard's Relative Variance: 0.2477
 Upper Bound = 10 (6 Trimmed)
 No lower bound
 No Individual Points Removed

Units of Measure: g/t



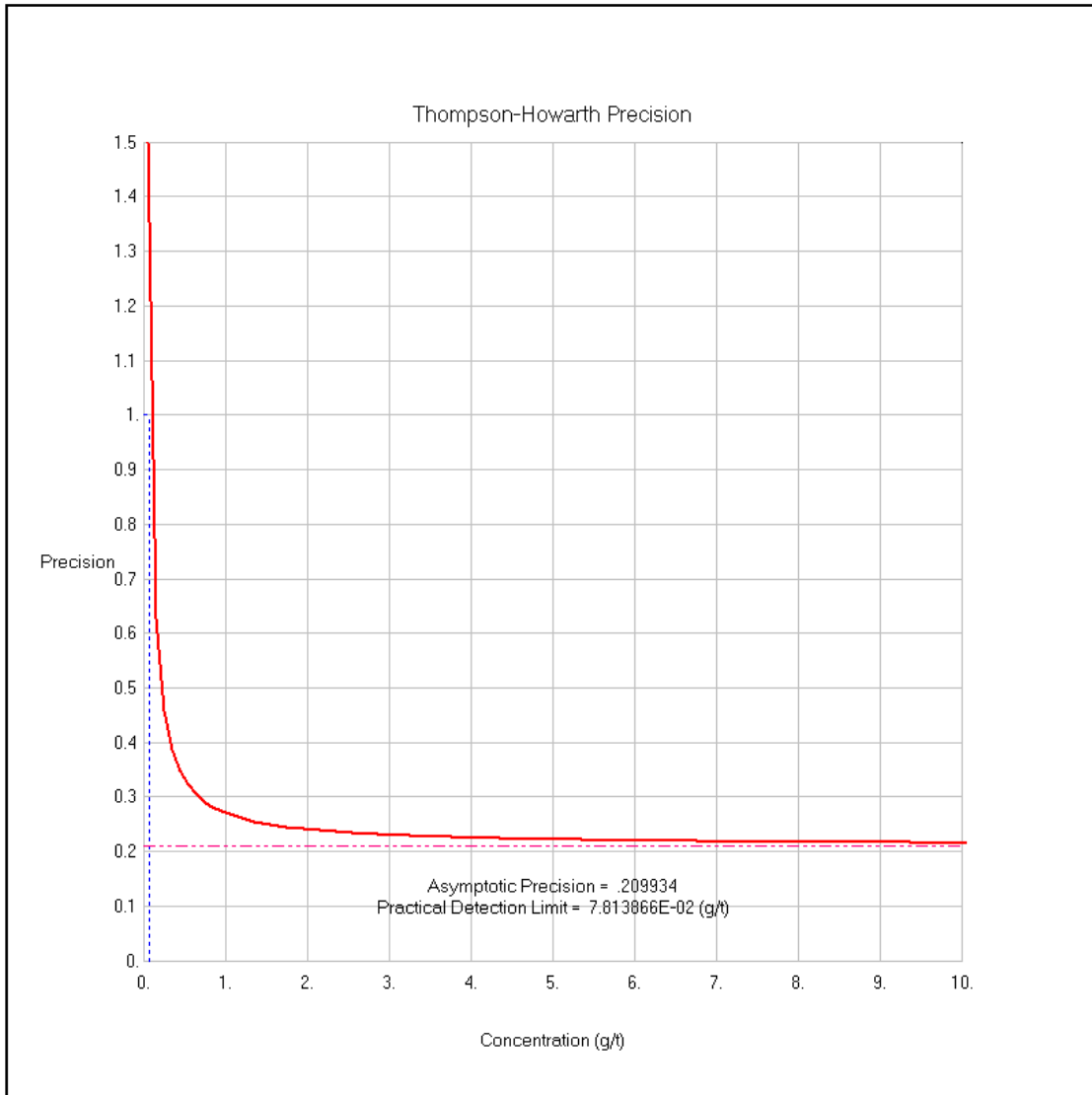
Outlier
 (more than 1.5*IQR beyond the quartiles)



Regression Line: $y = .104967x + 3.086735E-02$
 Large Circles represent median absolute difference vs. mean concentration for each group bounded by vertical lines.

All 2017 data to Oct 13, 2017. Trimmed above 10 ppm to isolate results analysed by FAA method.

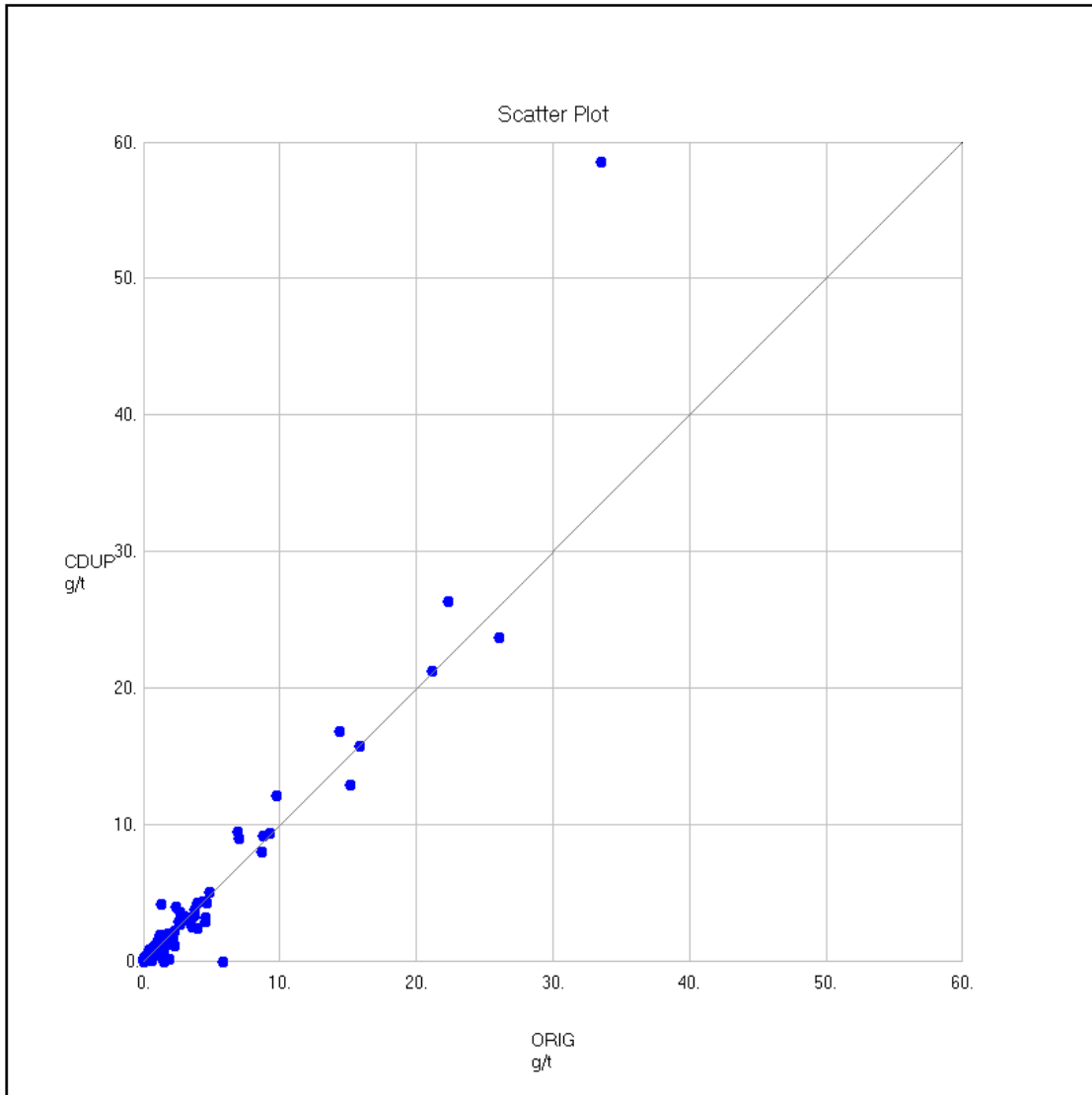
Rubicon Minerals Corp. Coarse Reject Duplicates - 2017 DD Program - SGS Lab. Data >10 g/t trimmed.



Descriptive Statistics

	<i>Original</i>	<i>Dup</i>	
Mean	.76	.75	
25th %-ile	0.007	0.007	Linear correlation: 0.95
Median	0.159	0.133	Rank correlation: 0.94
75th %-ile	0.651	0.643	Pitard's Relative Variance: 0.25
Minimum	0.003	0.003	
Maximum	9.22	9.73	Upper Bound = 10 (6 Trimmed)
count	309	309	No lower bound
St Dev	1.55	1.66	No Individual Points Removed
Coef of Var	2.04286	2.2148	

Rubicon Minerals Corp. Coarse Reject Duplicates - 2017 DD Program - SGS Lab - 2017-10-18



Descriptive Statistics

	<i>ORIG</i>	<i>CDUP</i>	
Mean	1.16	1.23	
25th %-ile	0.007	0.007	Linear correlation: 0.95
Median	0.1605	0.14	Rank correlation: 0.94
75th %-ile	0.675	0.661	Pitard's Relative Variance: 0.83
Minimum	0.003	0.003	
Maximum	33.58	58.59	No upper bound
count	316	316	No lower bound
St Dev	3.48	4.45	No Individual Points Removed
Coef of Var	3.00937	3.6205	

APPENDIX 6

Underground structural mapping plans





Phoenix Gold Project

183 LEVEL - LEVEL PLAN

1:1,000 Date: June 2017

Drawn: CB Checked: SK

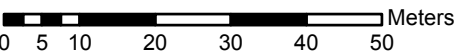
Approved: SK Drawing No. 01

183 Level Survey

- Priority Zones
- Quartz Veins
- Quartz Breccia
- Ultramafic Rocks
- Felsic Dyke
- Basalt

Structure - Lines

- HSi - High Strain Inferred
- FLTi - Fault Inferred
- SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- DC - Dyke Contact
- SHD - Shear Zone
- FLT - Fault
- LC - Lithological Contact
- SC - Sheared Contact



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- NOTES:
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 - 3) DATA PROJECTED IN LOCAL MINE GRID (045 DEGREES NORTHEAST).
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 - 6) ORIENTATION OF LINEAR FEATURES PROVIDED IN TREND/PLUNGE
 - 7) "SV" = SUB-VERTICAL DIP





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183 LEVEL - ACCESS

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 01

183 Level Survey

▲ SRV_183L_PNTS

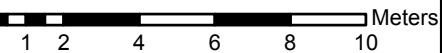
- Quartz Veins
- Quartz Breccia
- Ultramafic Rocks
- Felsic Dyke
- Basalt

Structure - Points

- ↓ FA - Fold Axis
- ⊥ JNT - Joint
- ⊥ FOL - Foliation

Structure - Lines

- ⋯ HSi - High Strain Inferred
- ? FLTi - Fault Inferred
- ? SHDi - Shear Zone Inferred
- ⋯ HSZ - High Strain Zone
- DC - Dyke Contact
- - SHD - Shear Zone
- FLT - Fault
- LC - Lithological Contact
- ⋯ SC - Sheared Contact



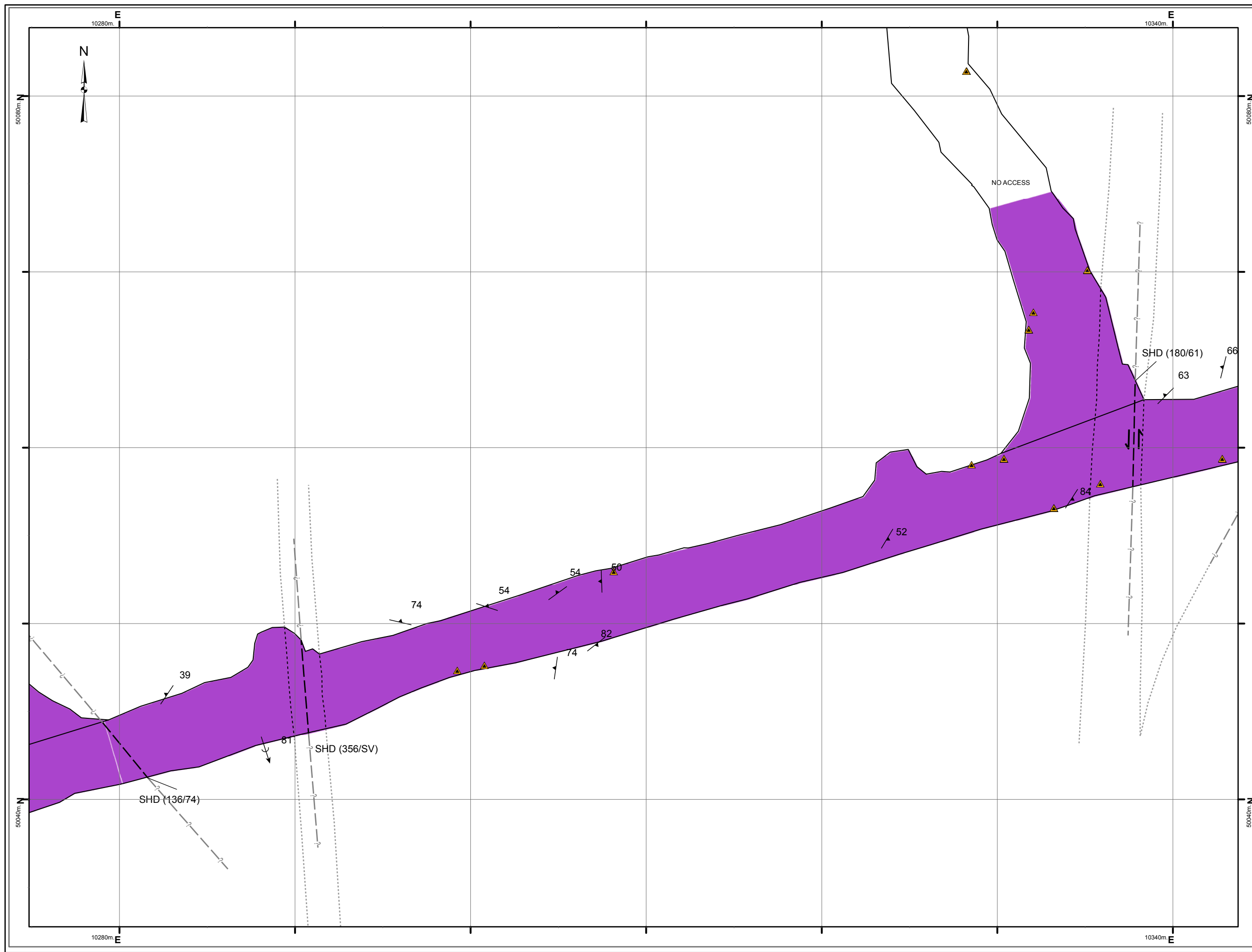
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 - 7) "SV" = SUB-VERTICAL DIP



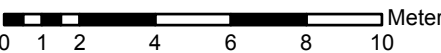


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183 LEVEL - ACCESS

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 02

- 183 Level Survey**
- ▲ SRV_183L_PNTS
 - Quartz Veins
 - Quartz Breccia
 - Ultramafic Rocks
 - Felsic Dyke
 - Basalt
- Structure - Points**
- ↓ FA - Fold Axis
 - ⊥ JNT - Joint
 - ⊥ FOL - Foliation
- Structure - Lines**
- ⋯ HSi - High Strain Inferred
 - ? FLTi - Fault Inferred
 - ? SHDi - Shear Zone Inferred
 - ⋯ HSZ - High Strain Zone
 - DC - Dyke Contact
 - - SHD - Shear Zone
 - FLT - Fault
 - LC - Lithological Contact
 - ⋯ SC - Sheared Contact



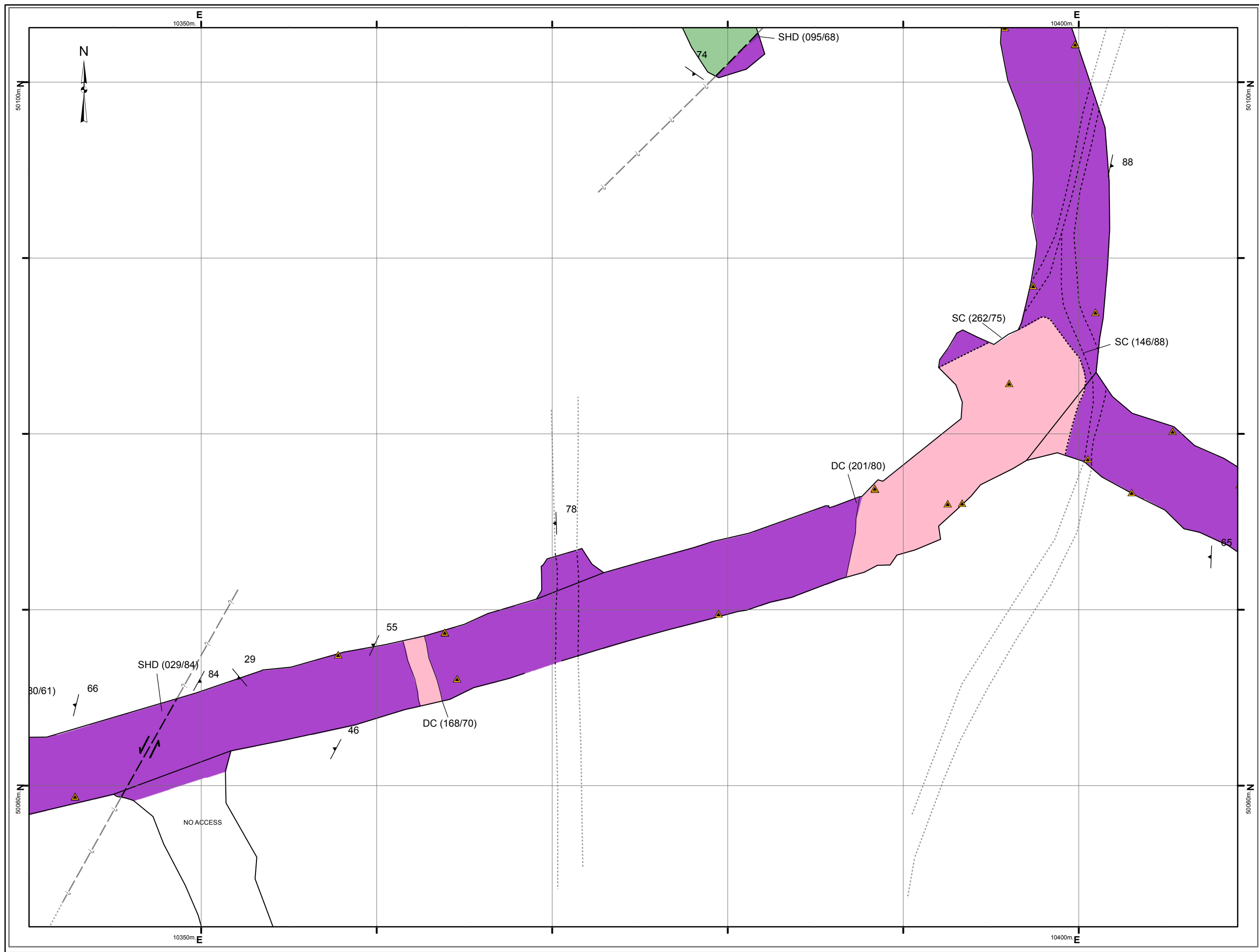
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183 LEVEL - 121 DR

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 03

183 Level Survey

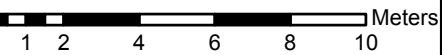
- ▲ SRV_183L_PNTS
- Quartz Veins
- Quartz Breccia
- Ultramafic Rocks
- Felsic Dyke
- Basalt

Structure - Points

- ↓ FA - Fold Axis
- ⊥ JNT - Joint
- ⊥ FOL - Foliation

Structure - Lines

- HSi - High Strain Inferred
- ?- FLTi - Fault Inferred
- ?- SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- DC - Dyke Contact
- SHD - Shear Zone
- FLT - Fault
- LC - Lithological Contact
- SC - Sheared Contact



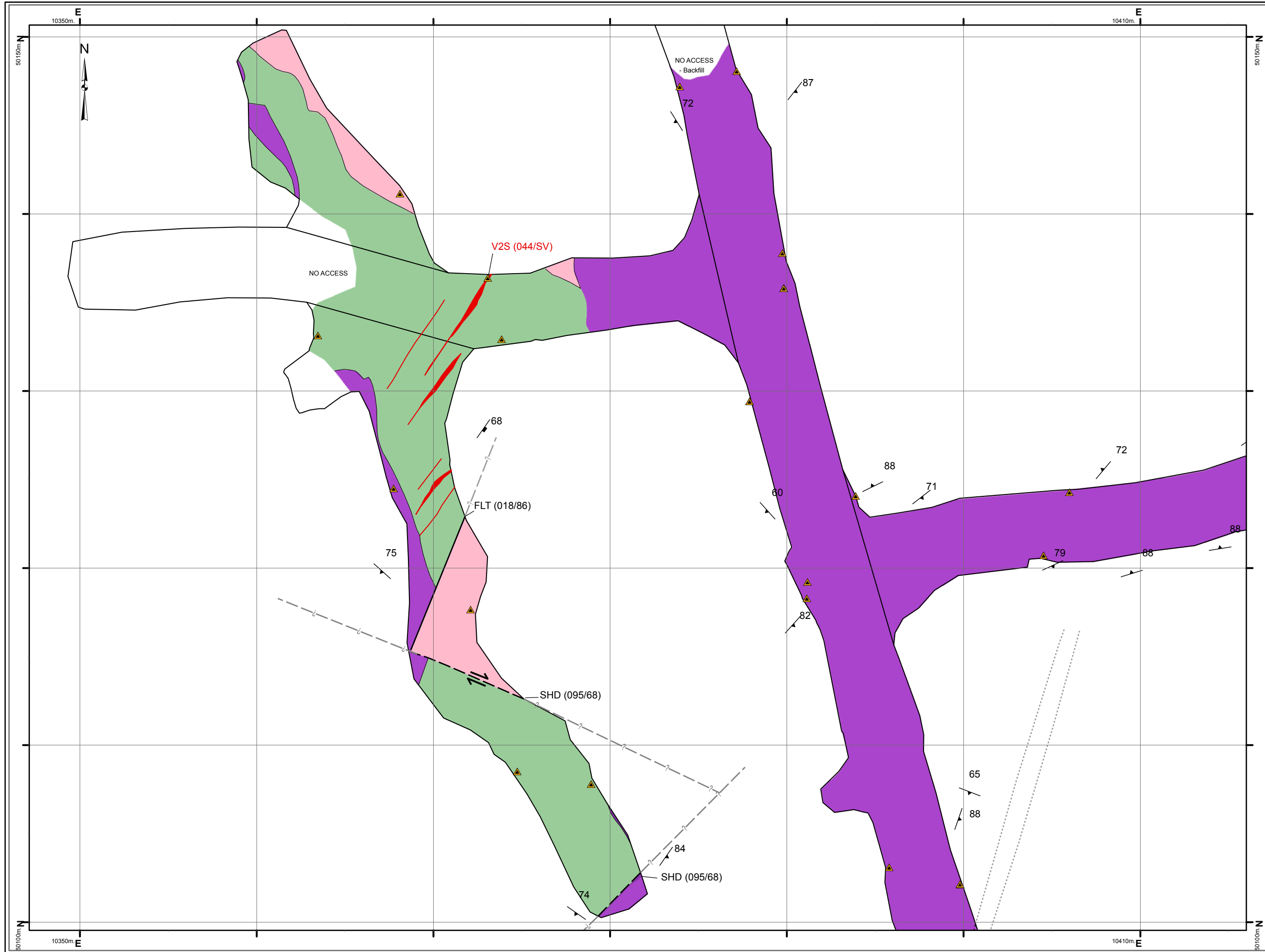
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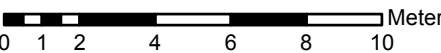


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183 LEVEL - 161 DR

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 04

- 183 Level Survey**
- ▲ SRV_183L_PNTS
 - Quartz Veins
 - Quartz Breccia
 - Ultramafic Rocks
 - Felsic Dyke
 - Basalt
- Structure - Points**
- ↓ FA - Fold Axis
 - ⊥ JNT - Joint
 - ⊥ FOL - Foliation
- Structure - Lines**
- HSi - High Strain Inferred
 - ?- FLTi - Fault Inferred
 - ?- SHDi - Shear Zone Inferred
 - HSZ - High Strain Zone
 - DC - Dyke Contact
 - - - SHD - Shear Zone
 - FLT - Fault
 - LC - Lithological Contact
 - SC - Sheared Contact



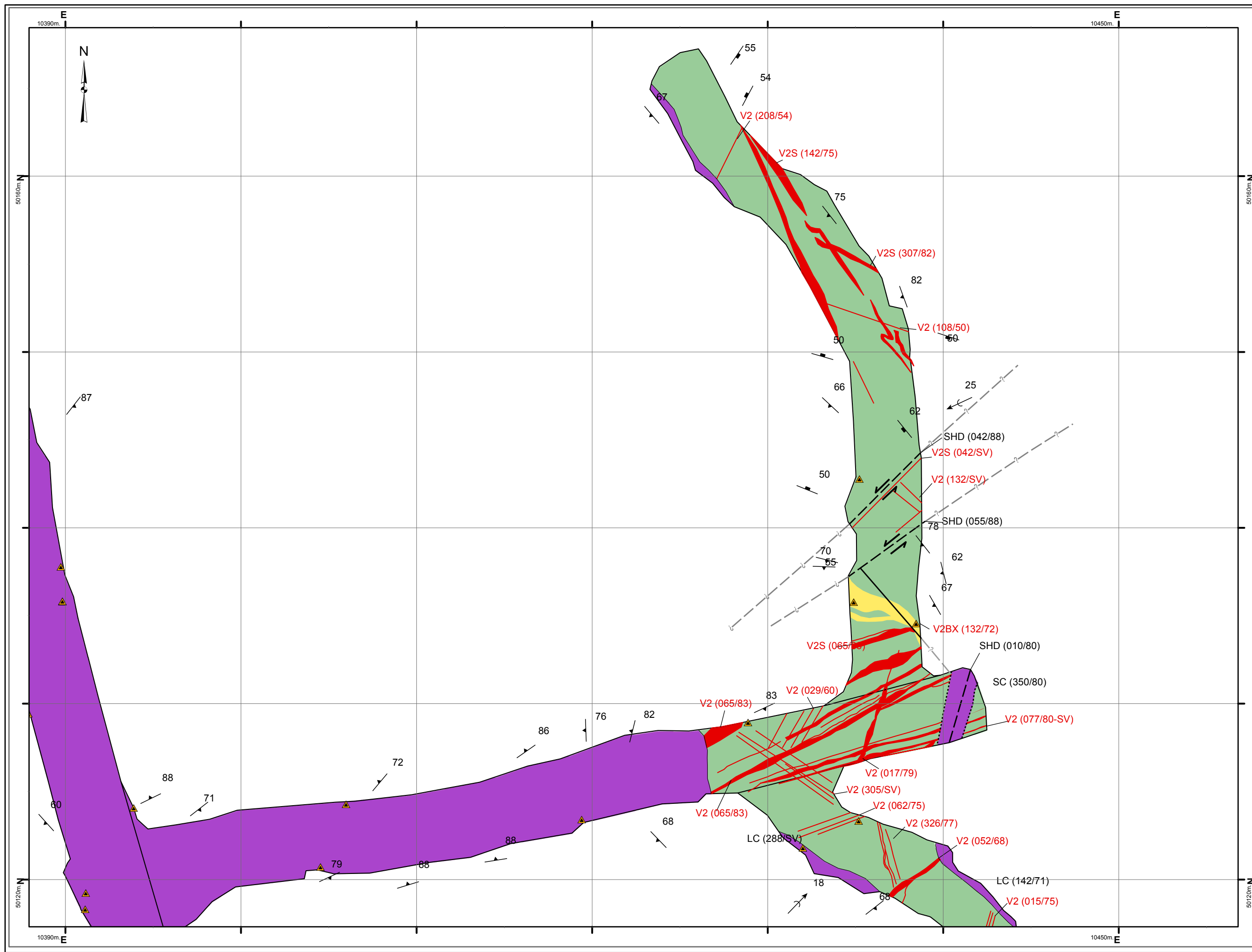
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183 LEVEL - 161 DR

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 05

183 Level Survey

▲ SRV_183L_PNTS

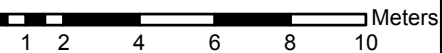
- Quartz Veins
- Quartz Breccia
- Ultramafic Rocks
- Felsic Dyke
- Basalt

Structure - Points

- ↓ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation

Structure - Lines

- HSi - High Strain Inferred
- ?- FLTi - Fault Inferred
- ?- SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- DC - Dyke Contact
- SHD - Shear Zone
- FLT - Fault
- LC - Lithological Contact
- SC - Sheared Contact



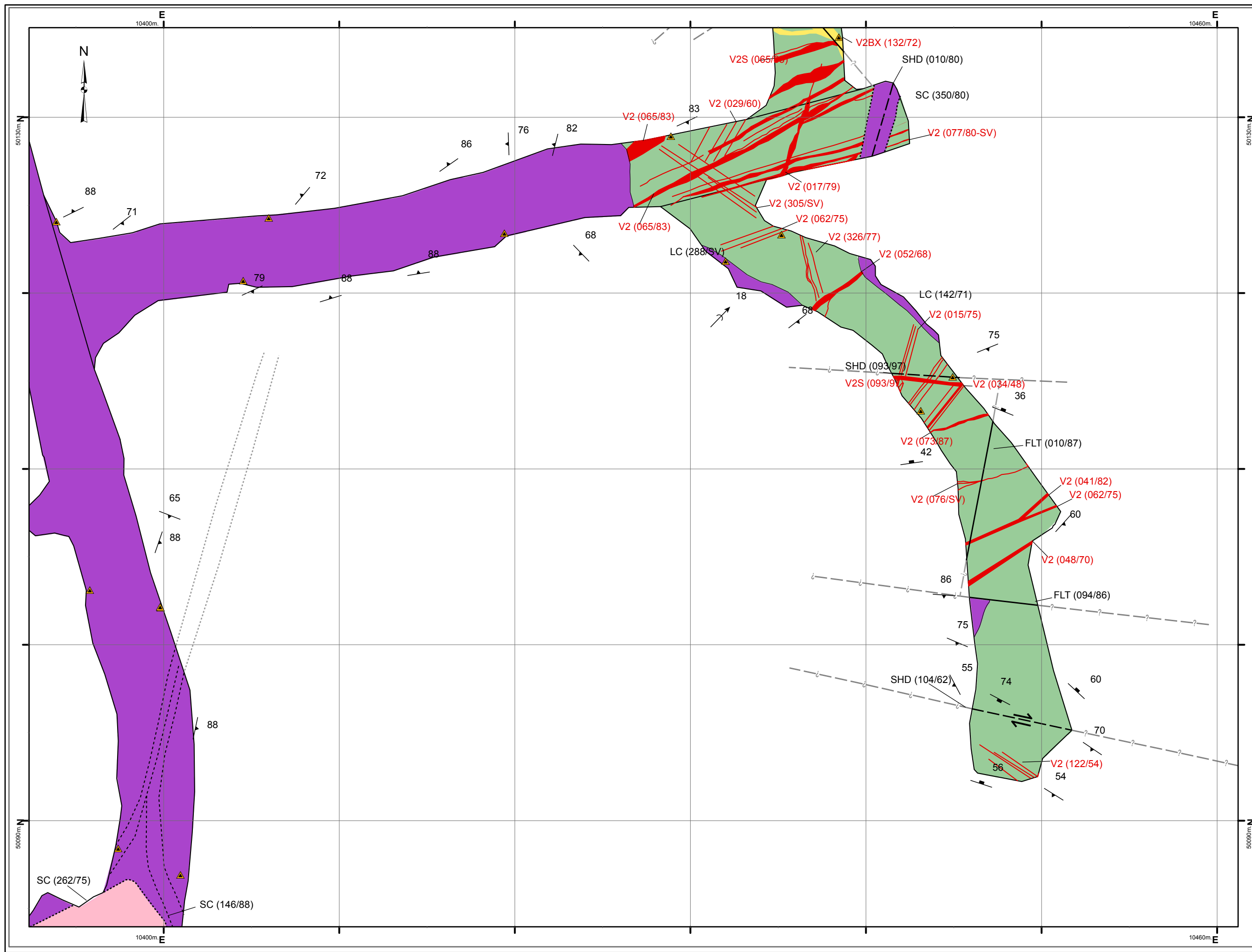
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183 LEVEL - 183-244 DECLINE

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 06

183 Level Survey

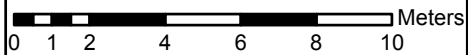
- SRV_183L_PNTS
- Quartz Veins
- Quartz Breccia
- Ultramafic Rocks
- Felsic Dyke
- Basalt

Structure - Points

- FA - Fold Axis
- JNT - Joint
- FOL - Foliation

Structure - Lines

- HSi - High Strain Inferred
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- SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- DC - Dyke Contact
- SHD - Shear Zone
- FLT - Fault
- LC - Lithological Contact
- SC - Sheared Contact



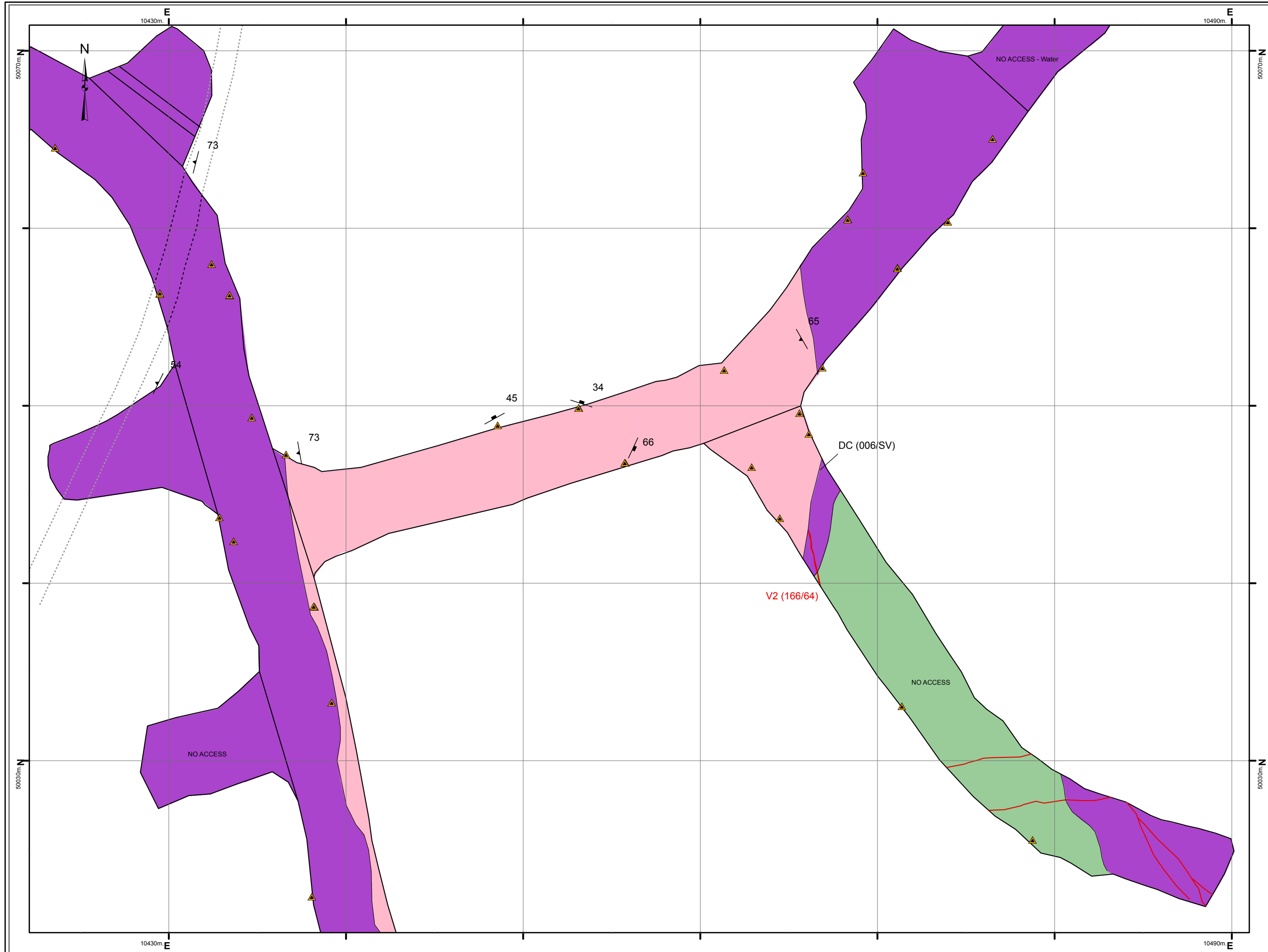
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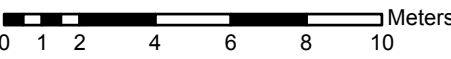


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183 LEVEL - 977 SILL

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 07

- 183 Level Survey**
- ▲ SRV_183L_PNTS
 - Quartz Veins
 - Quartz Breccia
 - Ultramafic Rocks
 - Felsic Dyke
 - Basalt
- Structure - Points**
- ↓ FA - Fold Axis
 - ⊥ JNT - Joint
 - ⊥ FOL - Foliation
- Structure - Lines**
- HSi - High Strain Inferred
 - ?- FLTi - Fault Inferred
 - ?- SHDi - Shear Zone Inferred
 - HSZ - High Strain Zone
 - DC - Dyke Contact
 - - - SHD - Shear Zone
 - FLT - Fault
 - LC - Lithological Contact
 - SC - Sheared Contact



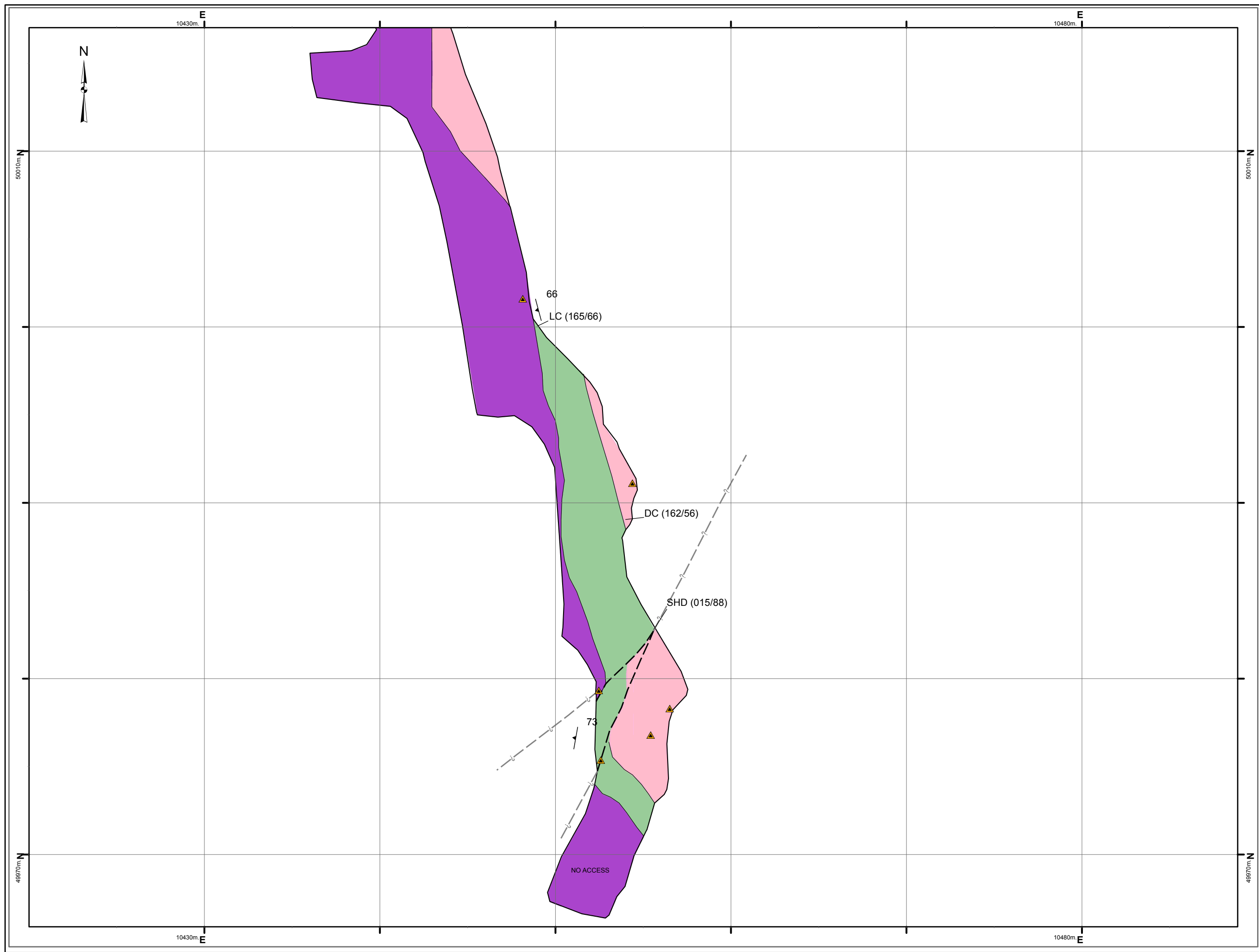
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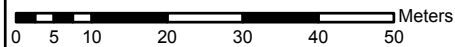


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244 LEVEL - LEVEL PLAN

1:1,000	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 1

- 244 Level Survey
- Priority Zones
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- DC - Dyke Contact
- FLT - Fault
- ?- FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- · - - HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- ?- SHDi - Shear Zone Inferred



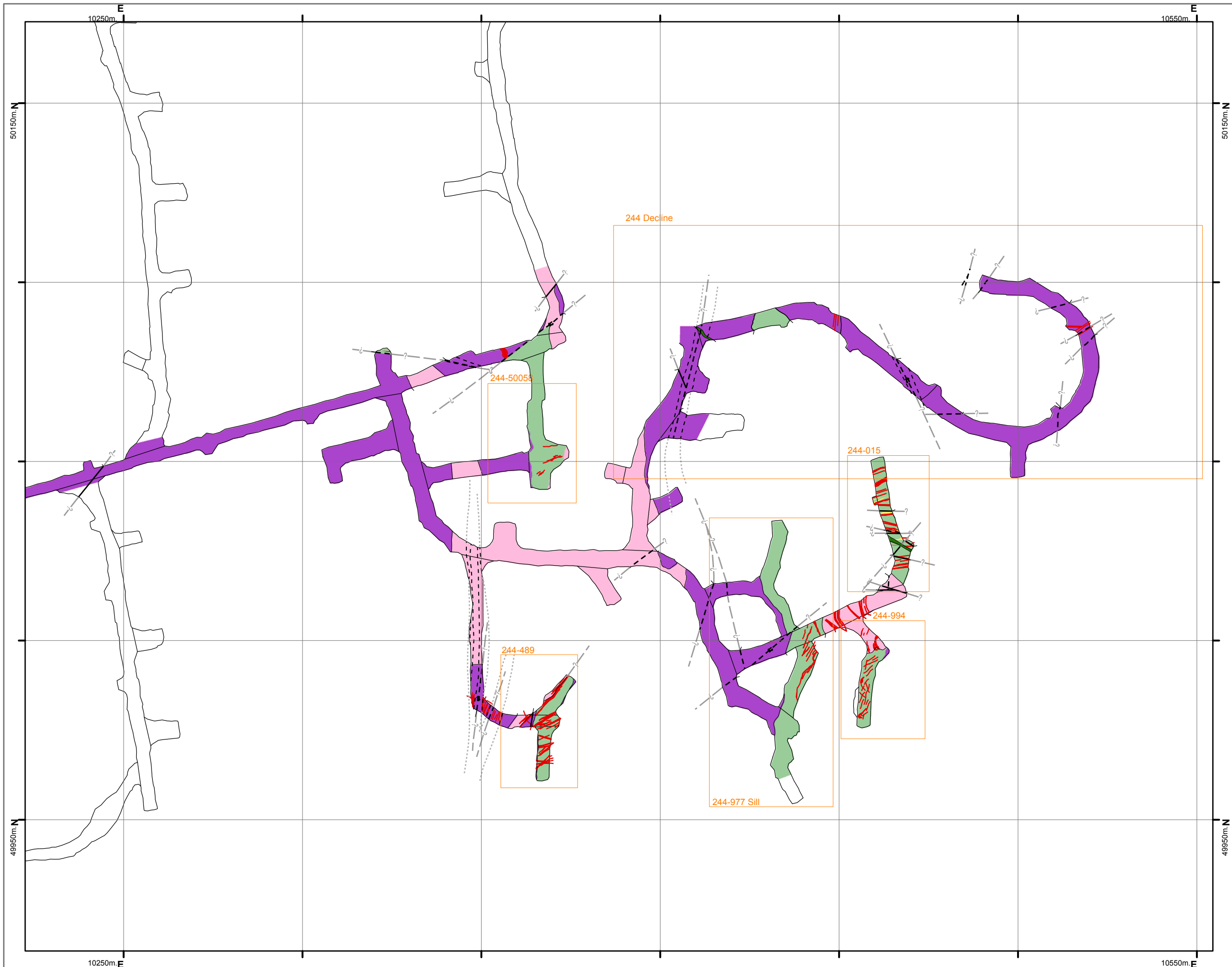
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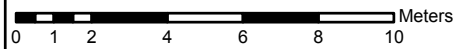
244 LEVEL - ACCESS

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 01

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ?— FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- ?— SHDi - Shear Zone Inferred



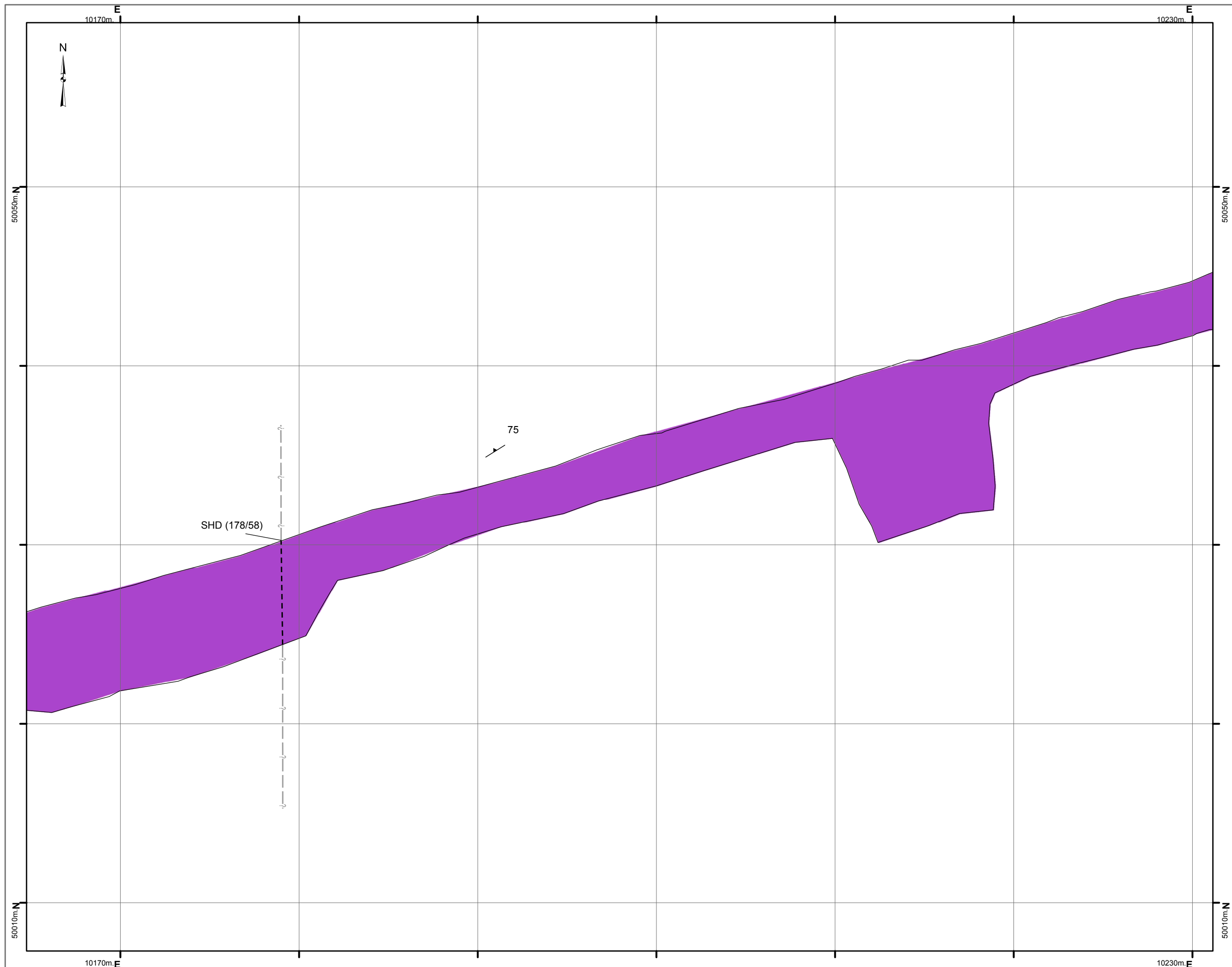
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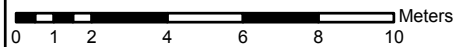
244 LEVEL - ACCESS

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 02

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation
- DC - Dyke Contact
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- - - SHD - Shear Zone
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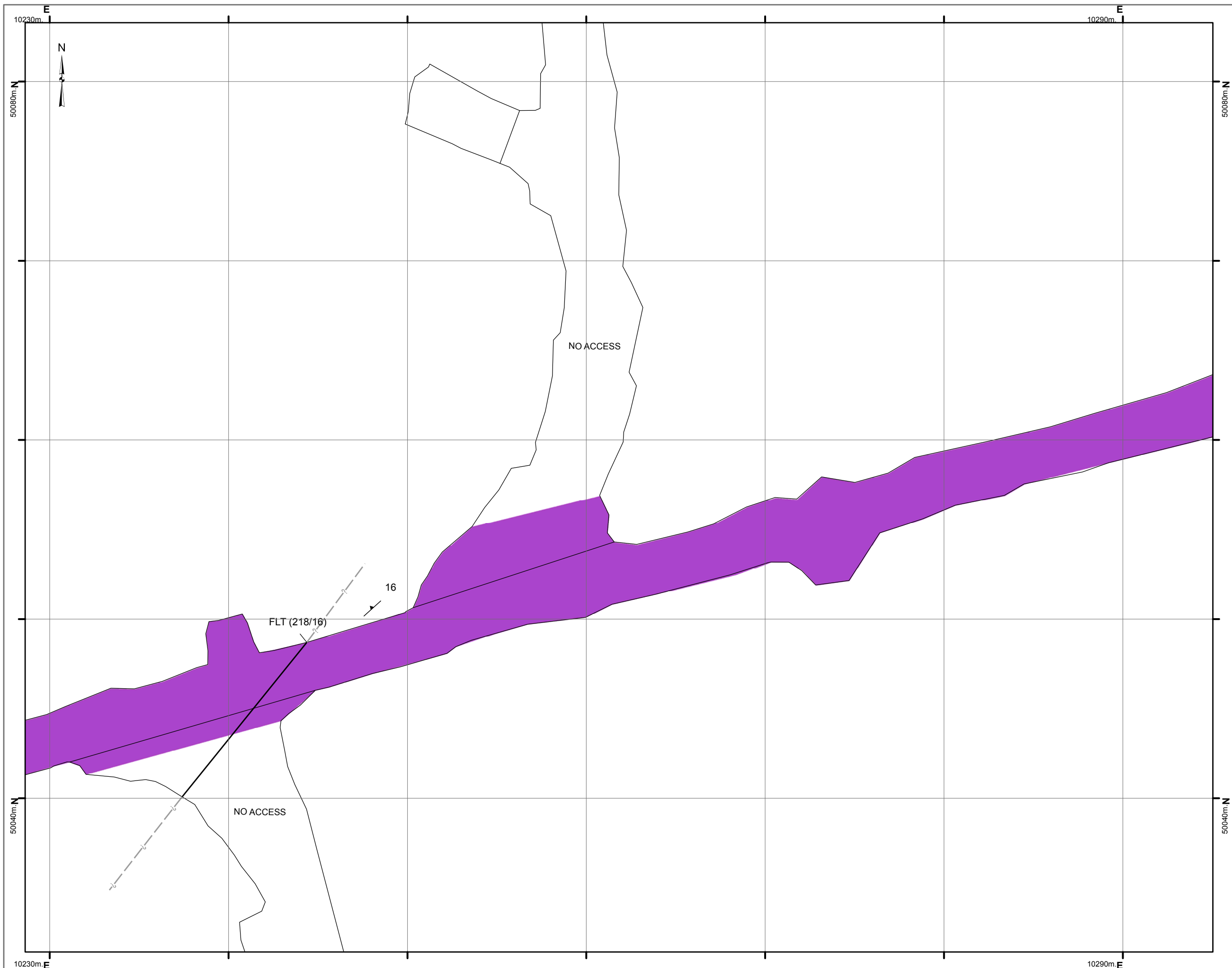
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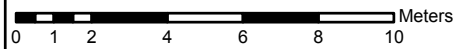
244 LEVEL - ACCESS

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 03

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ?- FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- ⋯ HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- ?- SHDi - Shear Zone Inferred



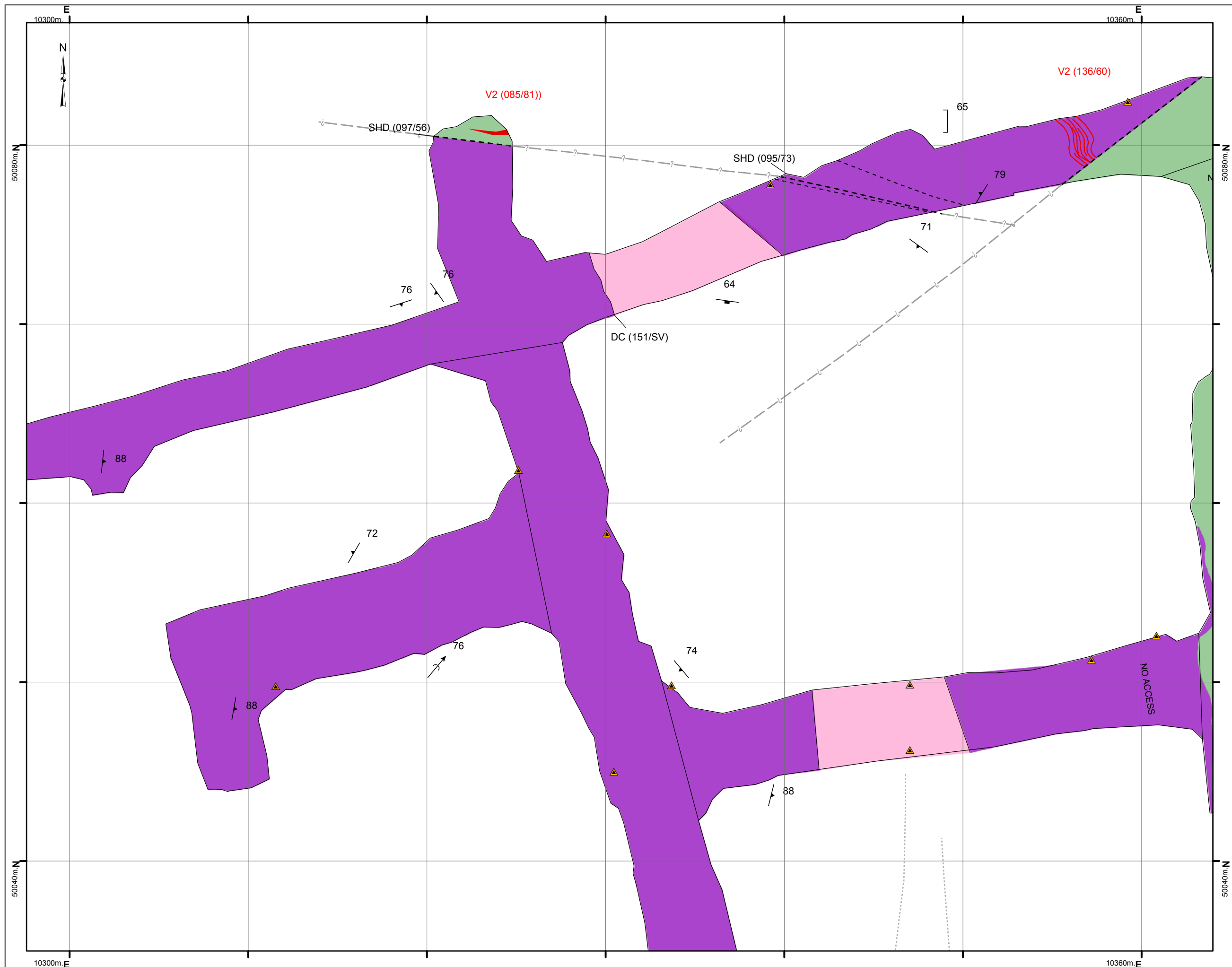
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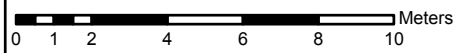
244 LEVEL - 5058 Dr

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 04

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
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- ⋯⋯⋯ HSi - High Strain Inferred
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- - - SHD - Shear Zone
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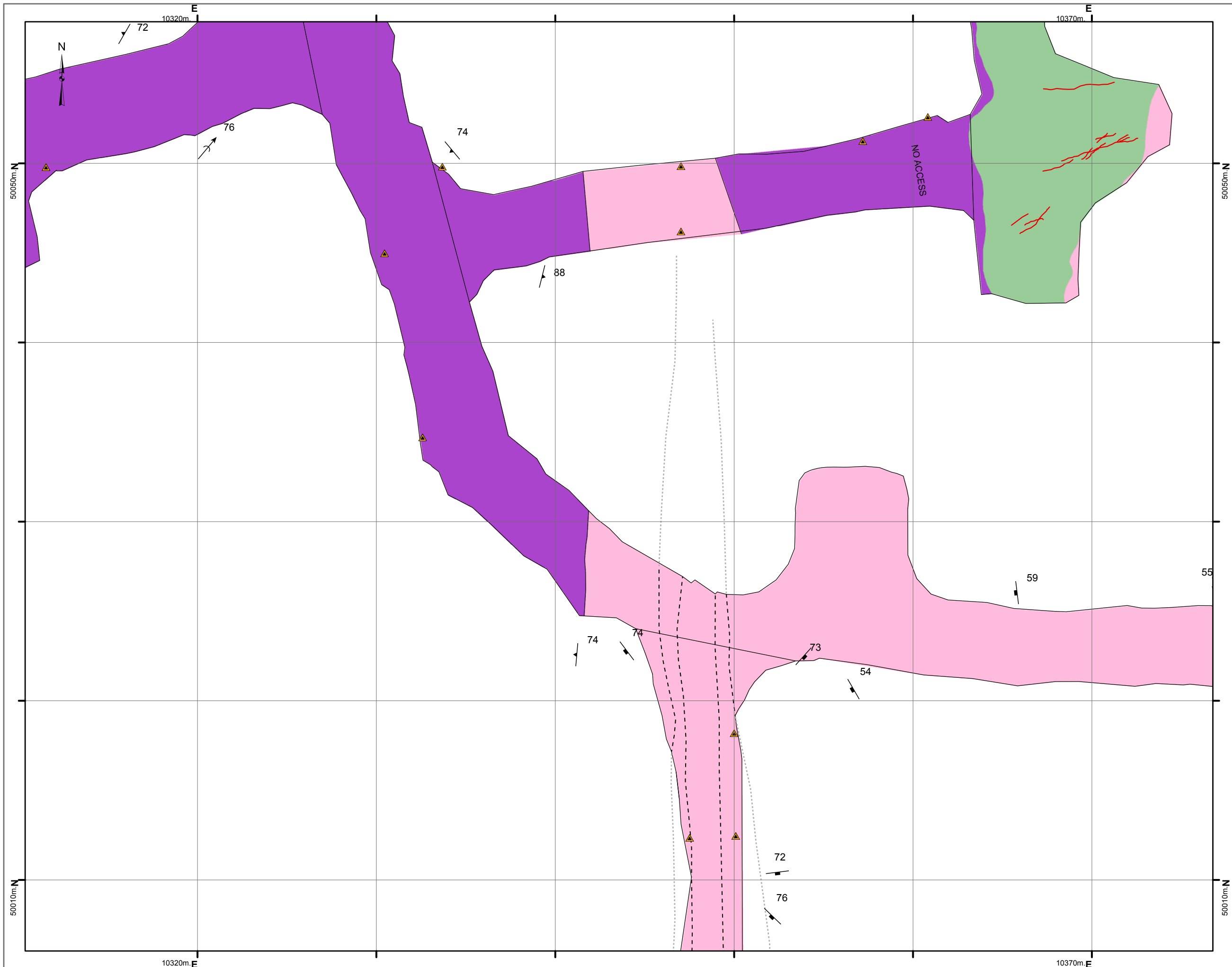
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 - 7) "SV" = SUB-VERTICAL DIP





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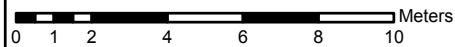
244 LEVEL - 489 Dr

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 05

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ?- FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- · - - HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- · - - SHDi - Shear Zone Inferred



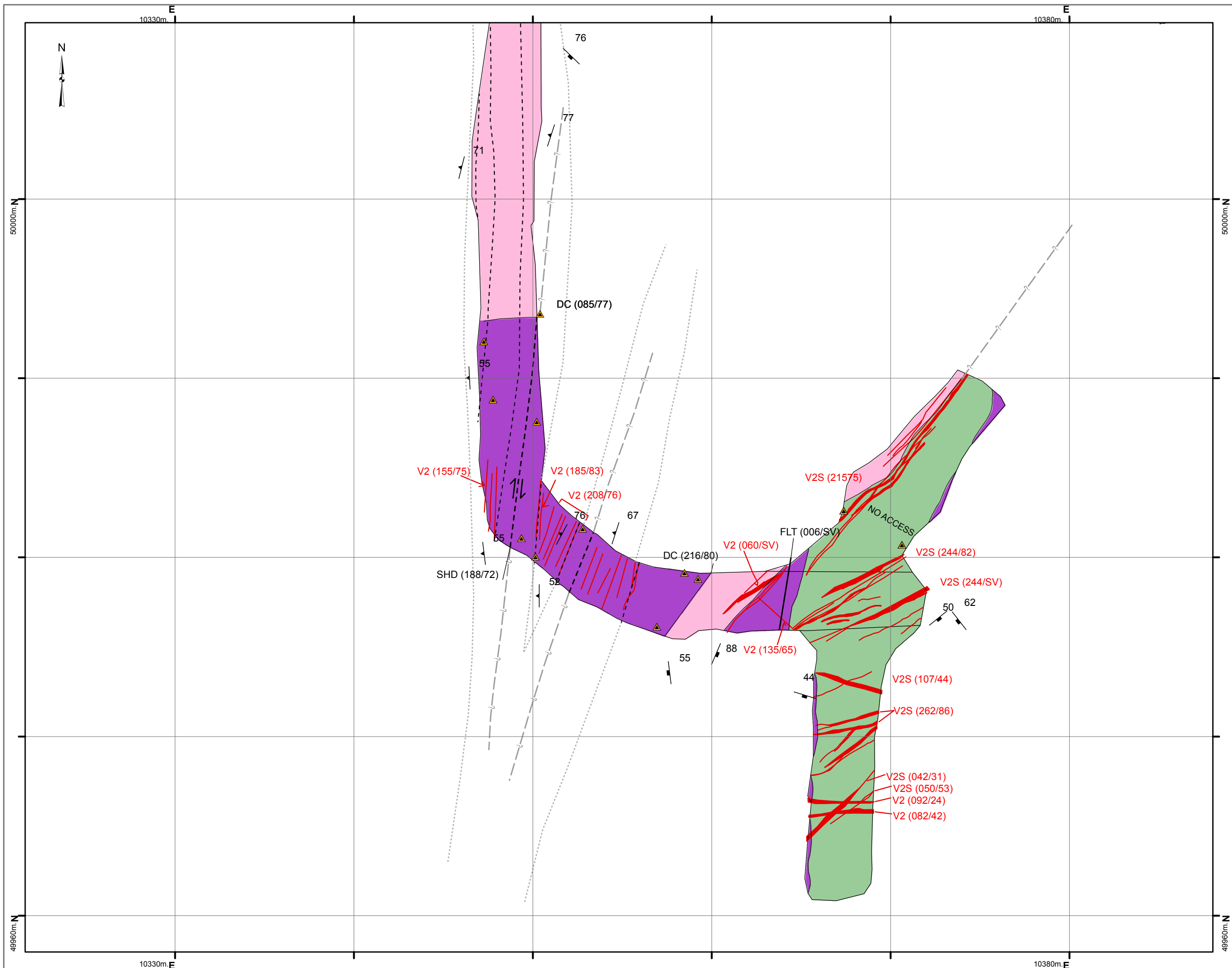
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- NOTES:
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 - 3) DATA PROJECTED IN LOCAL MINE GRID (045 DEGREES NORTHEAST).
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 - 6) ORIENTATION OF LINEAR FEATURES PROVIDED IN TREND/PLUNGE
 - 7) "SV" = SUB-VERTICAL DIP





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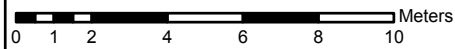
244 LEVEL - 977 SILL

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 06

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┌ JNT - Joint
- ┌ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ? FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- · - - HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- · - - SHDi - Shear Zone Inferred



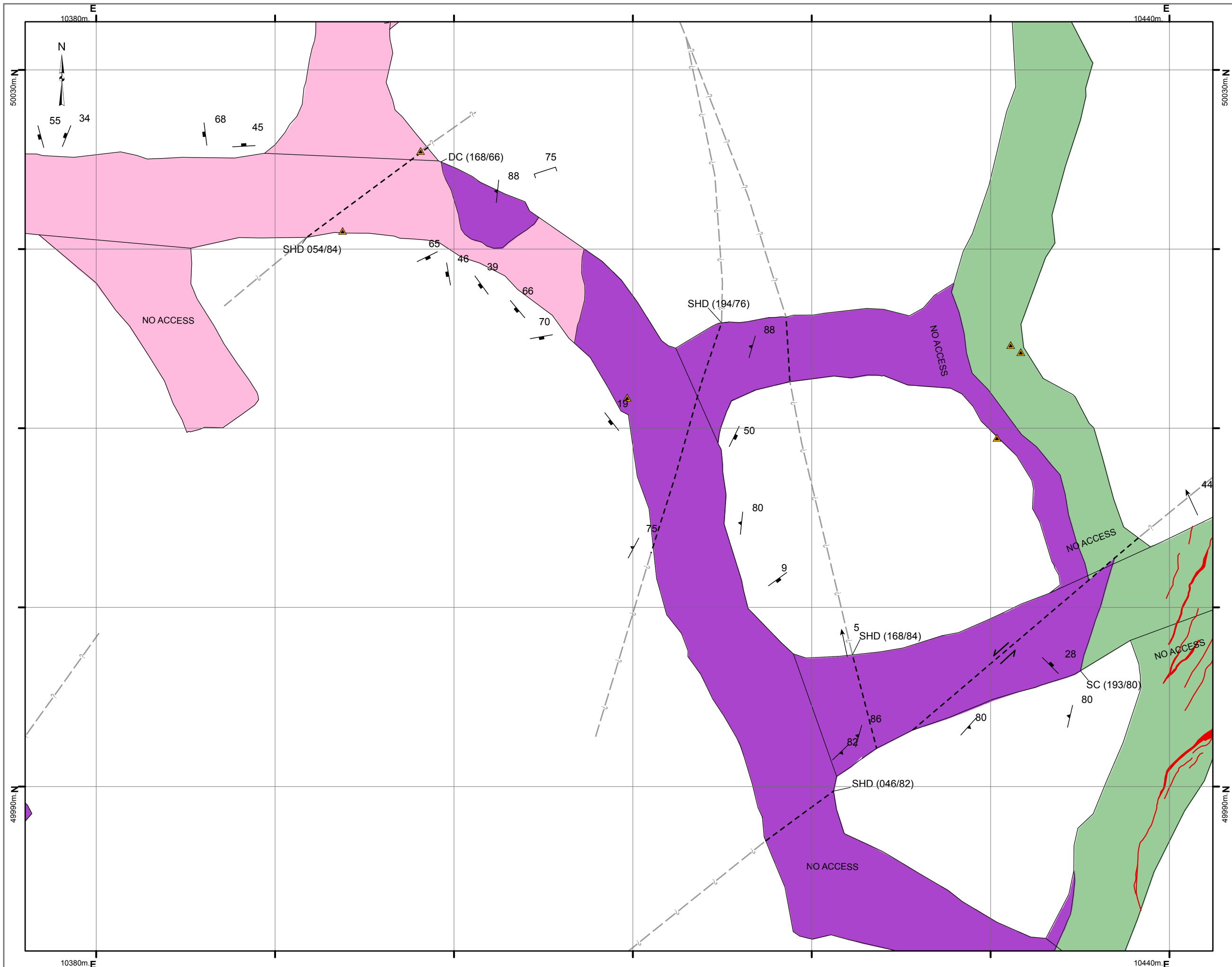
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 - 7) "SV" = SUB-VERTICAL DIP





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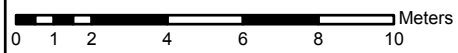
244 LEVEL - 994 DR

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 07

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- └ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ?— FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- · · · · HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- - -? SHDi - Shear Zone Inferred



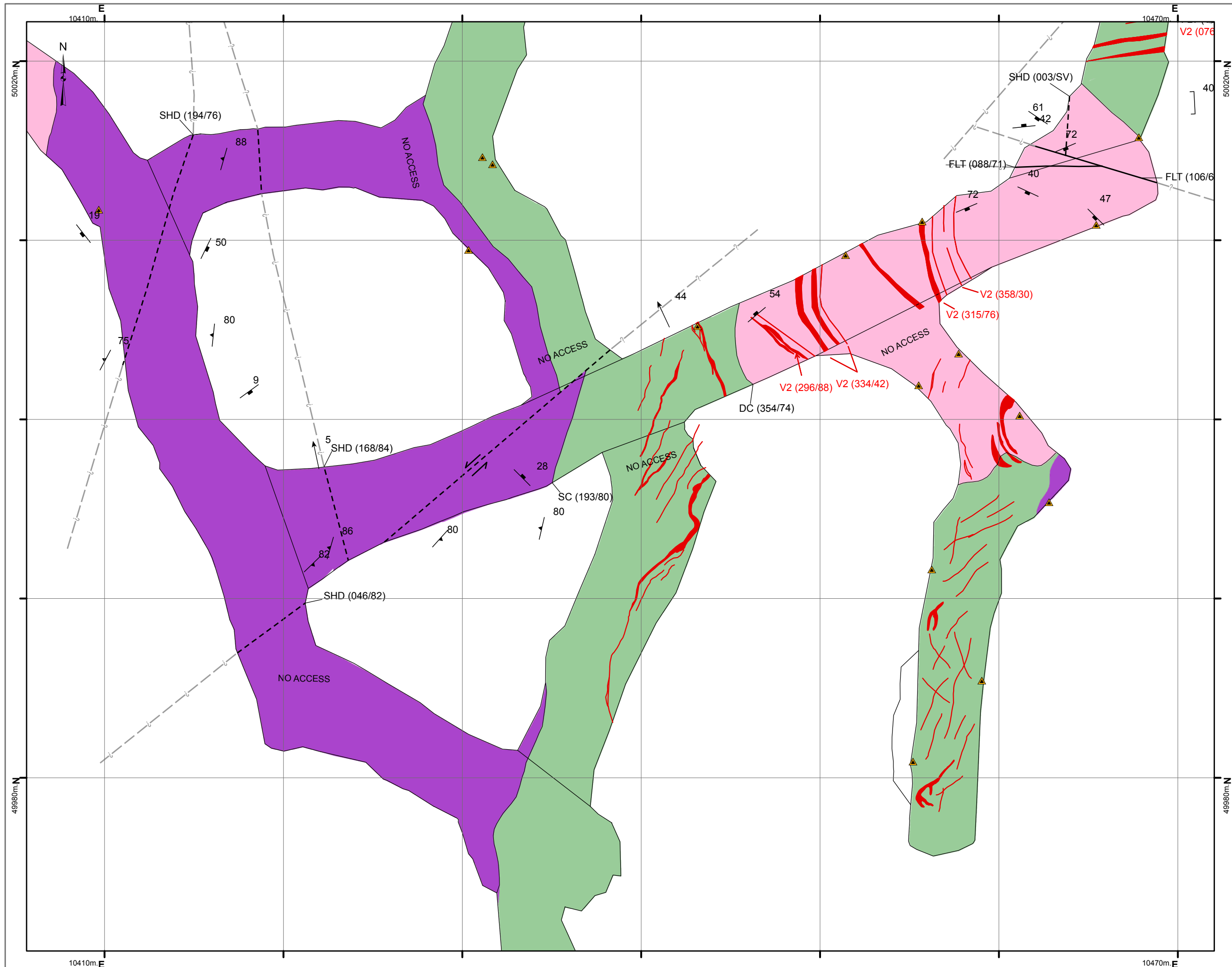
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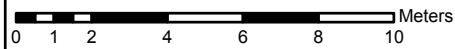
244 LEVEL - 015 DR

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 08

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┌ JNT - Joint
- ┌ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ? FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- ···· HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- ? SHDi - Shear Zone Inferred



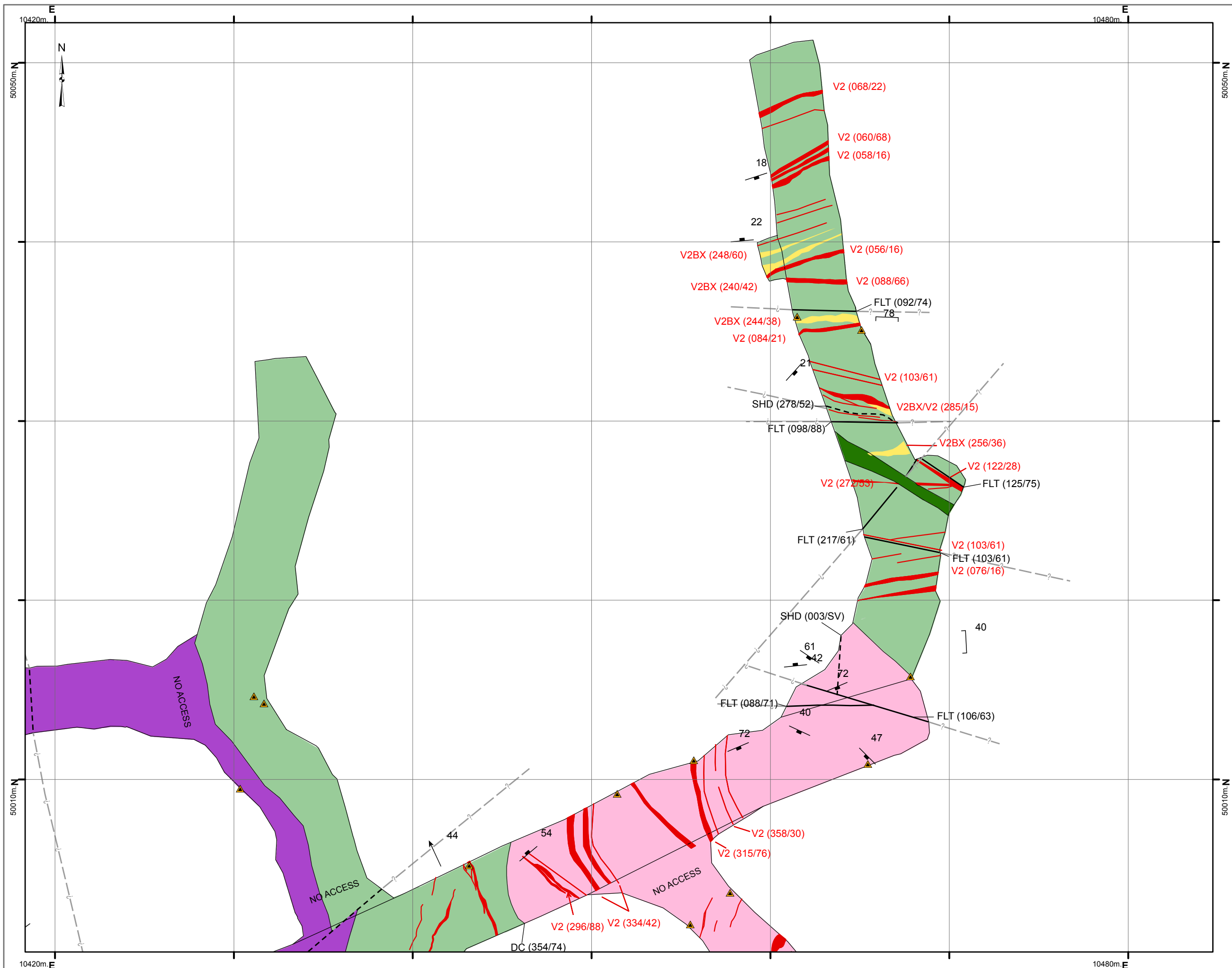
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 - 7) "SV" = SUB-VERTICAL DIP





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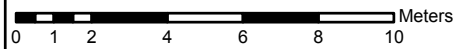
244 LEVEL - 244-305 DECLINE

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 09

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ⌈ CLV - Cleavage
- ↘ FA - Fold Axis
- ⊥ JNT - Joint
- ↗ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ? FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- ⋯ HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- ? SHDi - Shear Zone Inferred



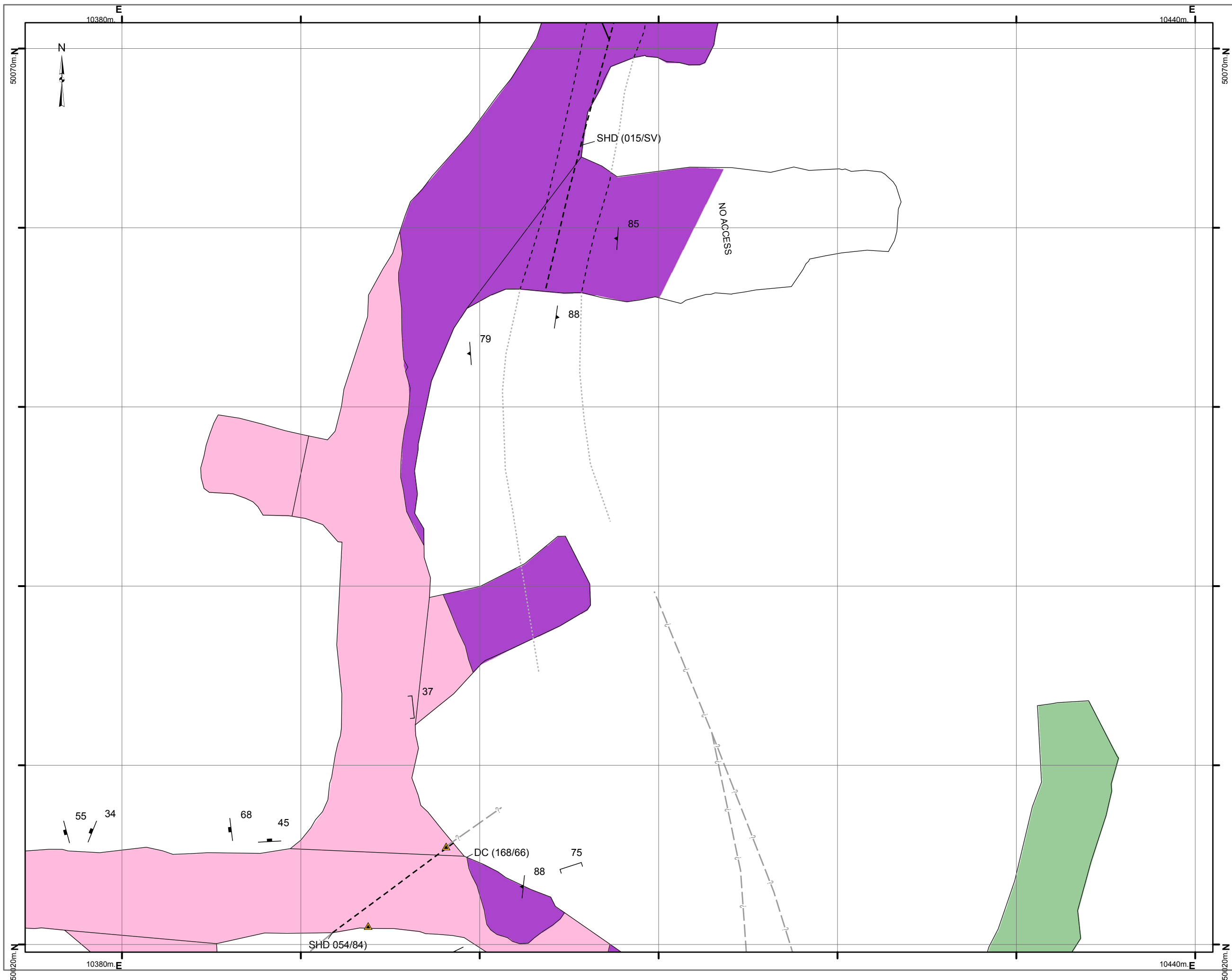
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 - 7) "SV" = SUB-VERTICAL DIP





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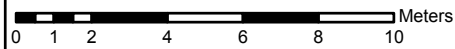
244 LEVEL - 244-305 DECLINE

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 10

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┌ JNT - Joint
- ┌ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ? FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- ? SHDi - Shear Zone Inferred



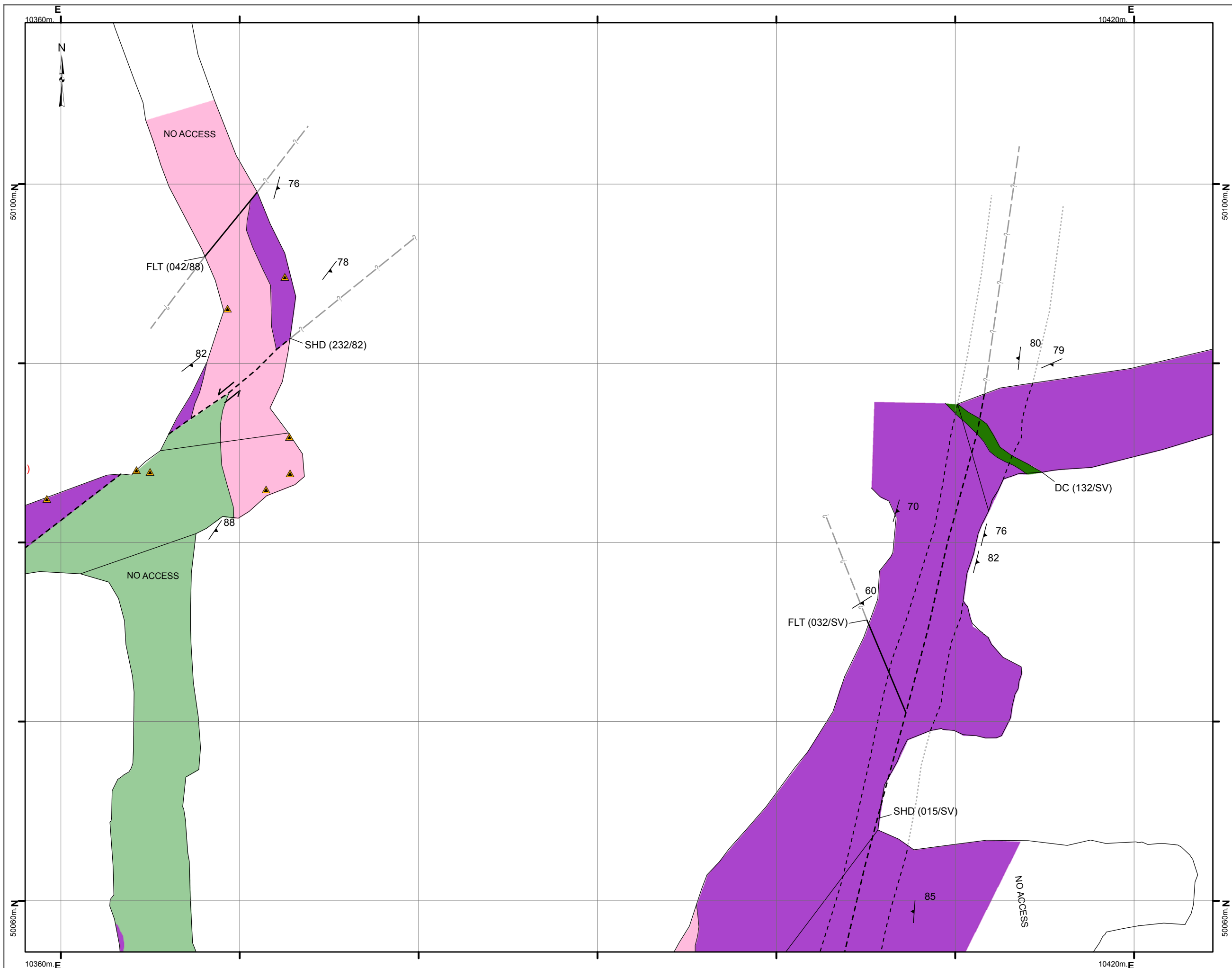
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 - 6) ORIENTATION OF LINEAR FEATURES PROVIDED IN TREND/PLUNGE
 - 7) "SV" = SUB-VERTICAL DIP



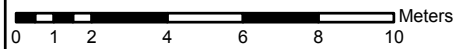


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244 LEVEL - 244-305 DECLINE

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 11

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┆ JNT - Joint
- ┆ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ?- FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- · - - HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- · - - SHDi - Shear Zone Inferred



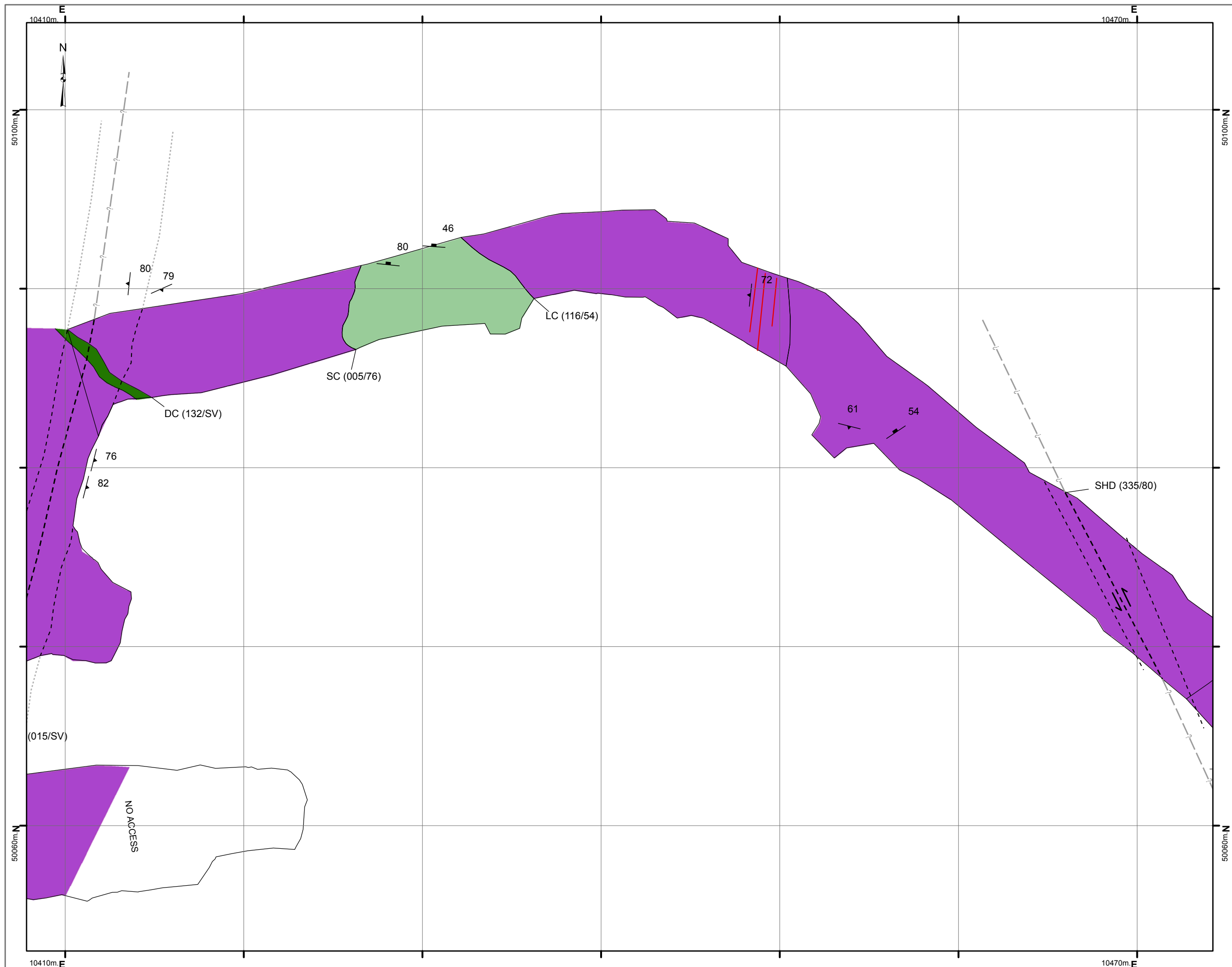
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 - 7) "SV" = SUB-VERTICAL DIP





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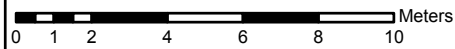
244 LEVEL - 244-305 DECLINE

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 12

- 244 Level Survey
- Quartz Breccia
- Quartz Veins
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- Lamprophyre Dyke
- ↓ LIN - Lineation
- ┌ CLV - Cleavage
- ↓ FA - Fold Axis
- ┌ JNT - Joint
- ┌ FOL - Foliation
- DC - Dyke Contact
- FLT - Fault
- ?- FLTi - Fault Inferred
- - - HSZ - High Strain Zone
- ··· HSi - High Strain Inferred
- LC - Litho Contact
- - - SHD - Shear Zone
- ··· SHDi - Shear Zone Inferred



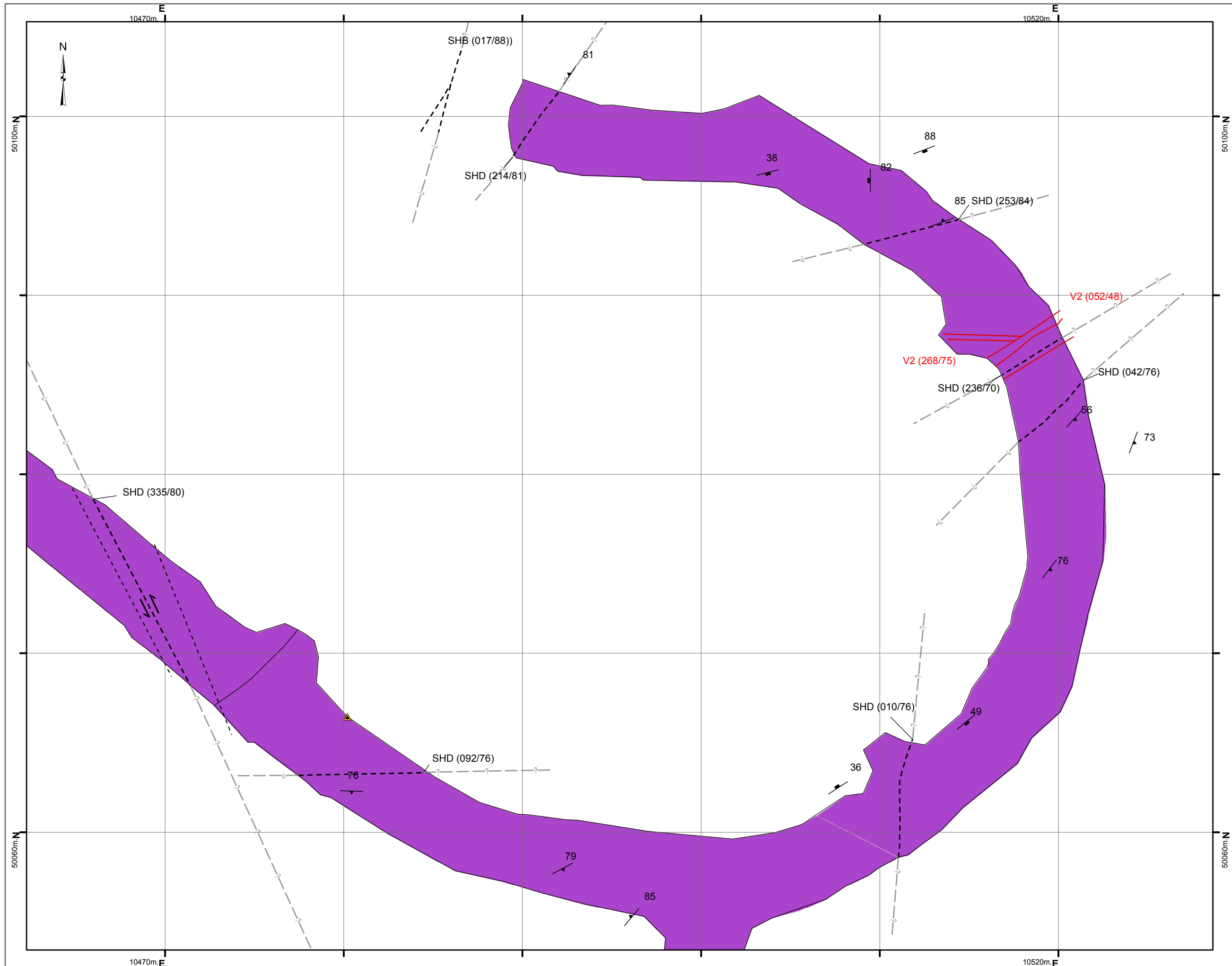
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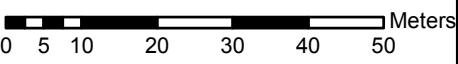


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305 LEVEL - LEVEL PLAN

1:1,000	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 01

- 305 Level Survey
- Priority Zones
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- DC - Dyke Contact
- LC - Litho Contact
- SC - Sheared Contact
- FLT - Fault
- SHD - Shear Zone
- HSi - High Strain Inferred
- ?— SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- ?— FLTi - Fault Inferred



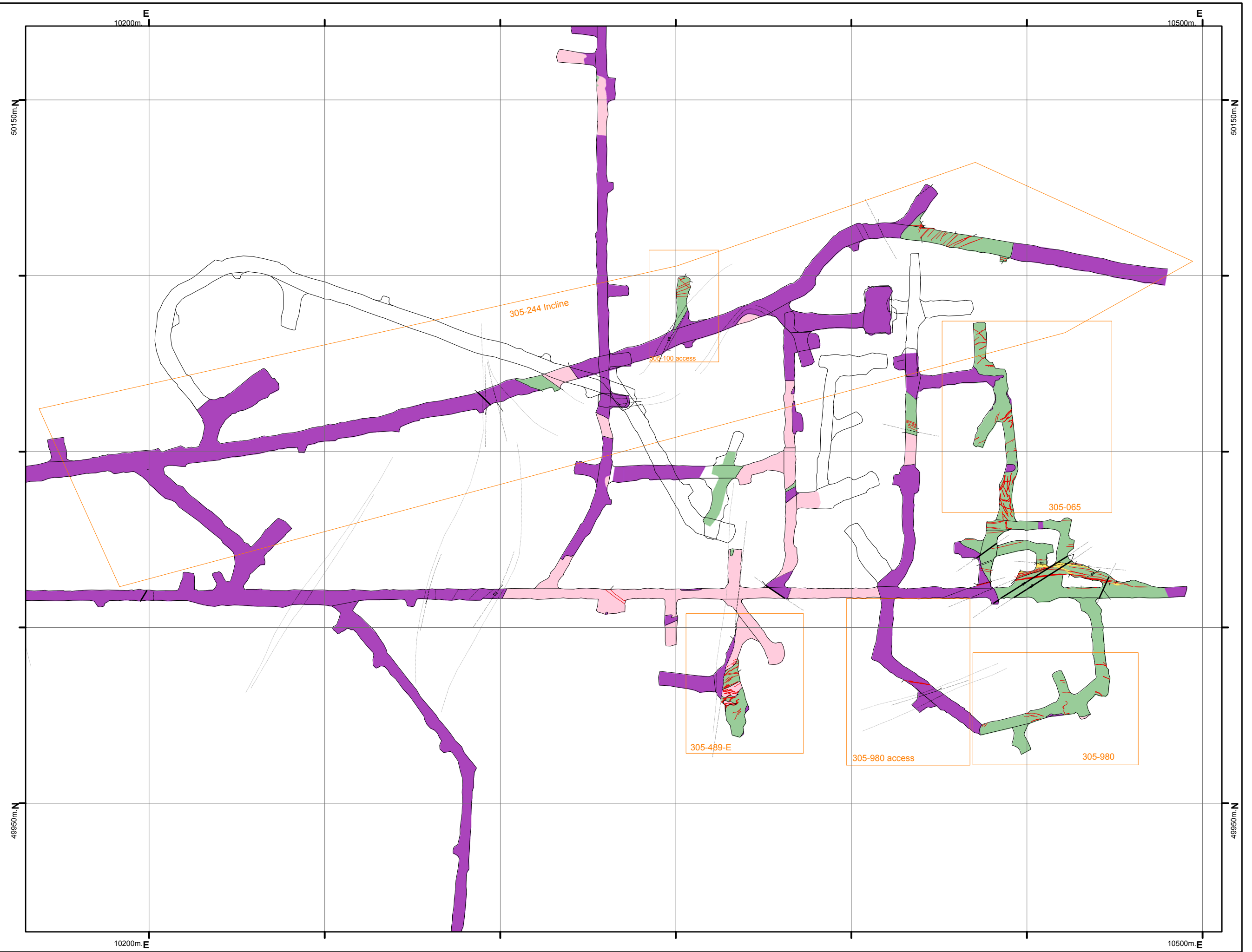
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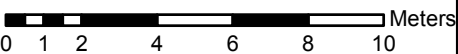
305 LEVEL - ACCESS

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 1

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- ┌ BD - Bedding
- ┌ CLV - Cleavage
- └ FA - Fold Axis
- └ FOL - Foliation
- └ JNT - Joint
- └ LIN - Lineation
- DC - Dyke Contact
- LC - Litho Contact
- SC - Sheared Contact
- FLT - Fault
- SHD - Shear Zone
- HSi - High Strain Inferred
- ? SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- ? FLTi - Fault Inferred



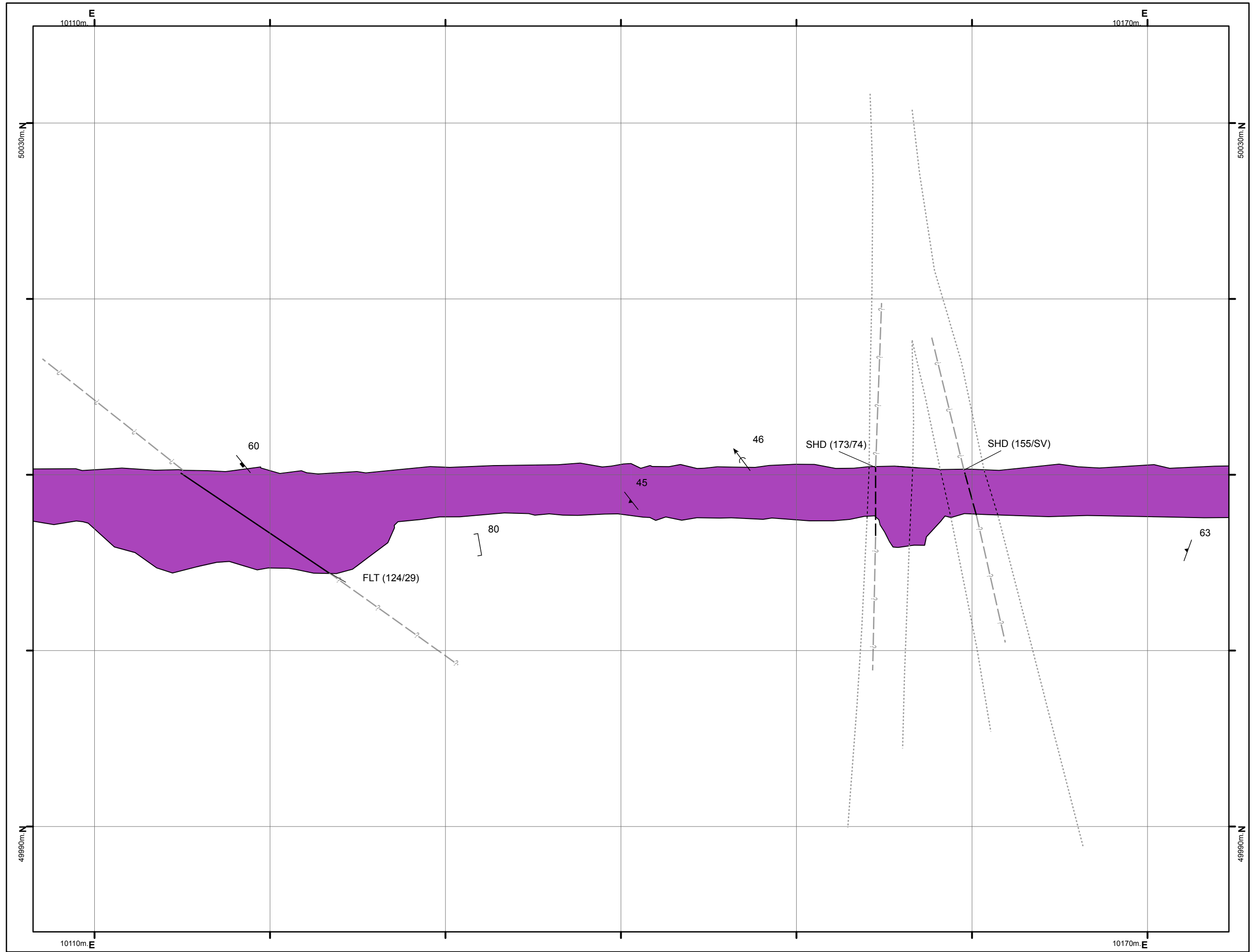
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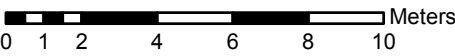
305 LEVEL - ACCESS

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 2

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- ┌ BD - Bedding
- ┌ CLV - Cleavage
- └ FA - Fold Axis
- └ FOL - Foliation
- └ JNT - Joint
- └ LIN - Lineation
- DC - Dyke Contact
- LC - Litho Contact
- SC - Sheared Contact
- FLT - Fault
- SHD - Shear Zone
- HSi - High Strain Inferred
- ? SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- ? FLTi - Fault Inferred



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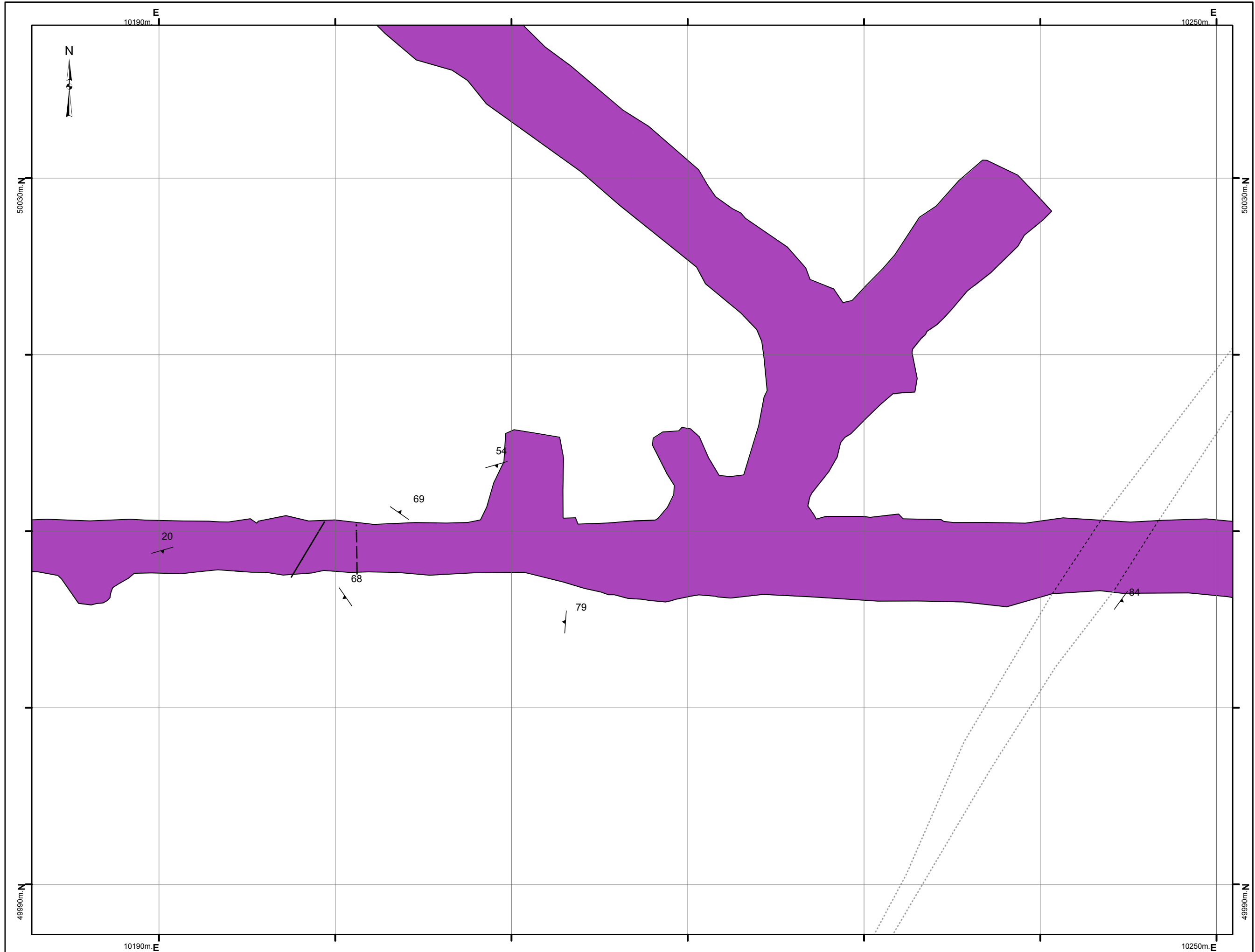


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305 LEVEL - 489E

1:200

Date: June 2017

Drawn: CB

Checked: SK

Approved: SK

Drawing No. 3

— 305 Level Survey

■ Quartz Breccia

■ Quartz Vein

■ Ultramafic Rocks

■ Felsic Dyke

■ Basalt

┆ BD - Bedding

┆ CLV - Cleavage

┆ FA - Fold Axis

┆ FOL - Foliation

┆ JNT - Joint

┆ LIN - Lineation

— DC - Dyke Contact

— LC - Litho Contact

..... SC - Sheared Contact

— FLT - Fault

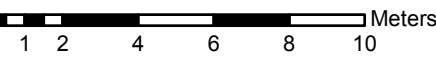
— SHD - Shear Zone

..... HSi - High Strain Inferred

—?— SHDi - Shear Zone Inferred

..... HSZ - High Strain Zone

—?— FLTi - Fault Inferred



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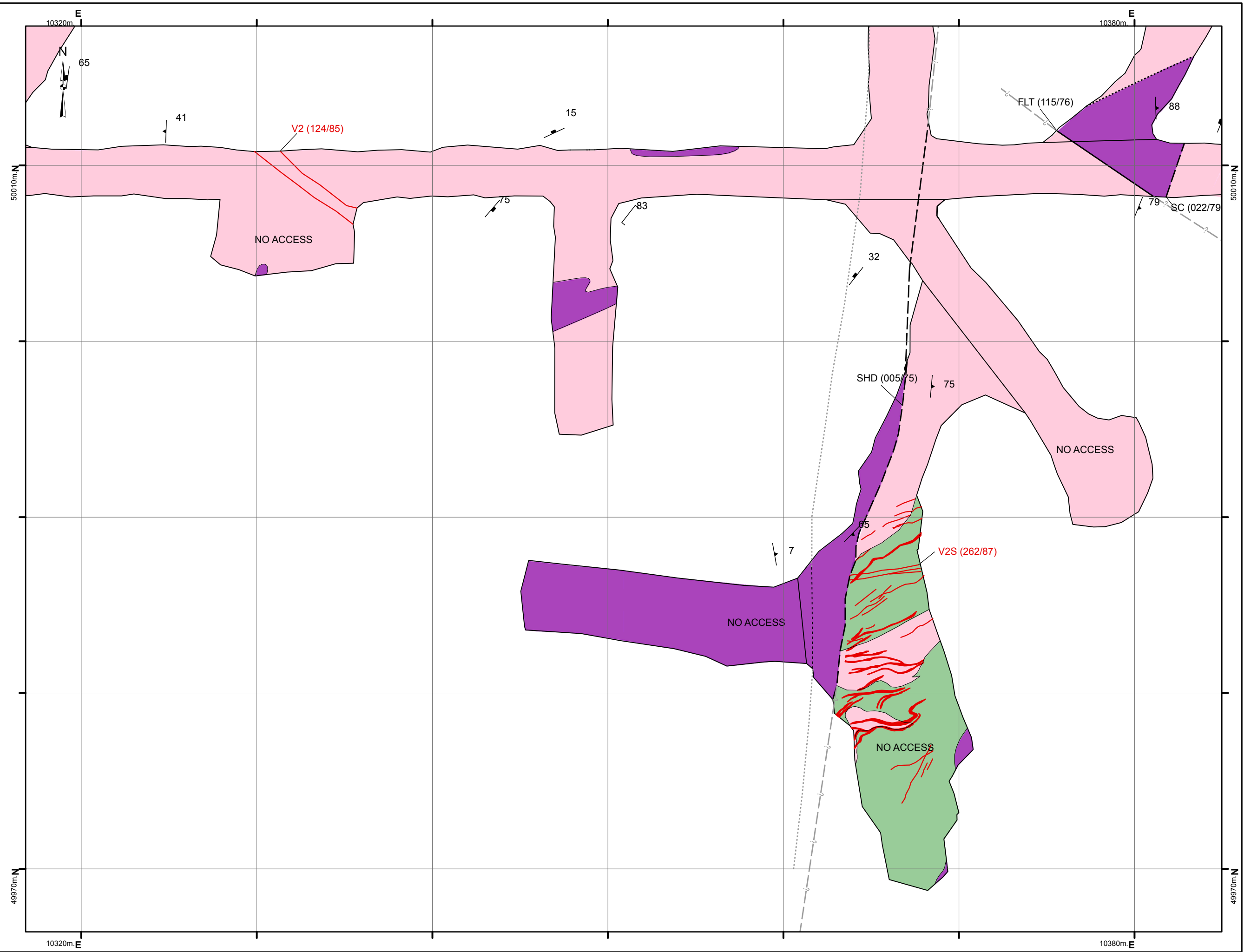


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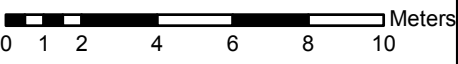


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305 LEVEL - 489E

1:200	Date: June 2017
Drawn: CB	Checked: SK
Approved: SK	Drawing No. 4

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- BD - Bedding
- CLV - Cleavage
- FA - Fold Axis
- FOL - Foliation
- JNT - Joint
- LIN - Lineation
- DC - Dyke Contact
- LC - Litho Contact
- SC - Sheared Contact
- FLT - Fault
- SHD - Shear Zone
- HSi - High Strain Inferred
- SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- FLTi - Fault Inferred



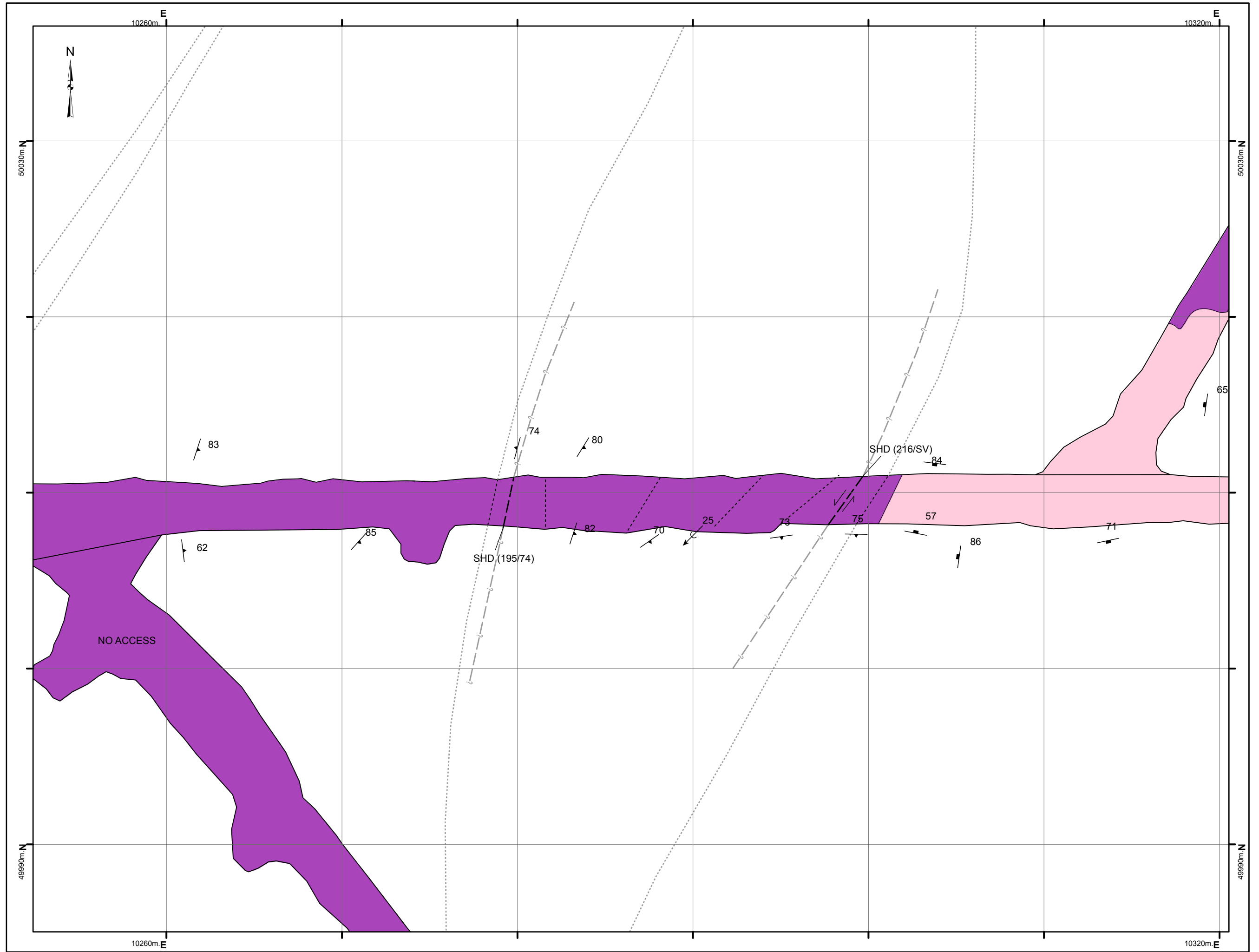
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 - 4) LITHOLOGICAL CONTACTS FROM 2017 MAPPING EXCEPT IN NO ACCESS AREAS WHERE RUBICON BACK MAPPING USED.
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 - 6) ORIENTATION OF LINEAR FEATURES PROVIDED IN TREND/PLUNGE.
 - 7) "SV" = SUB-VERTICAL DIP





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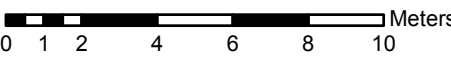
305 LEVEL - 980 DR

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 5

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- ┆ BD - Bedding
- ┆ CLV - Cleavage
- ┆ FA - Fold Axis
- ┆ FOL - Foliation
- ┆ JNT - Joint
- ┆ LIN - Lineation
- DC - Dyke Contact
- LC - Litho Contact
- SC - Sheared Contact
- FLT - Fault
- - - SHD - Shear Zone
- HSi - High Strain Inferred
- - - SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- - - FLTi - Fault Inferred



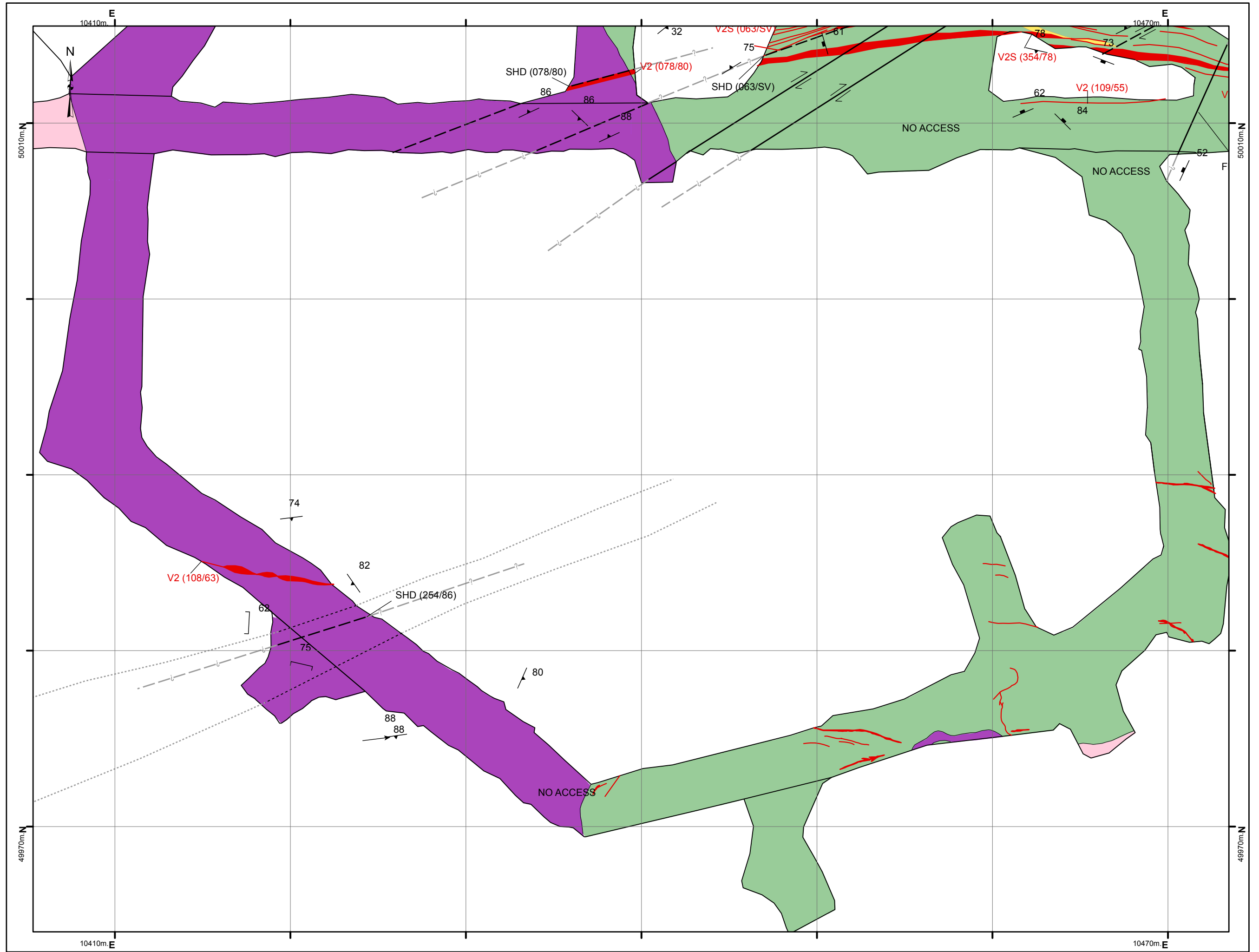
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305 LEVEL - BRECCIA ZONE

1:200 Date: June 2017

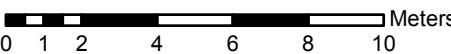
Drawn: CB Checked: SK

Approved: SK Drawing No. 6

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt

- ┆ BD - Bedding
- ┆ CLV - Cleavage
- ┆ FA - Fold Axis
- ┆ FOL - Foliation
- ┆ JNT - Joint
- ┆ LIN - Lineation

- DC - Dyke Contact
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- SHD - Shear Zone
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- SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
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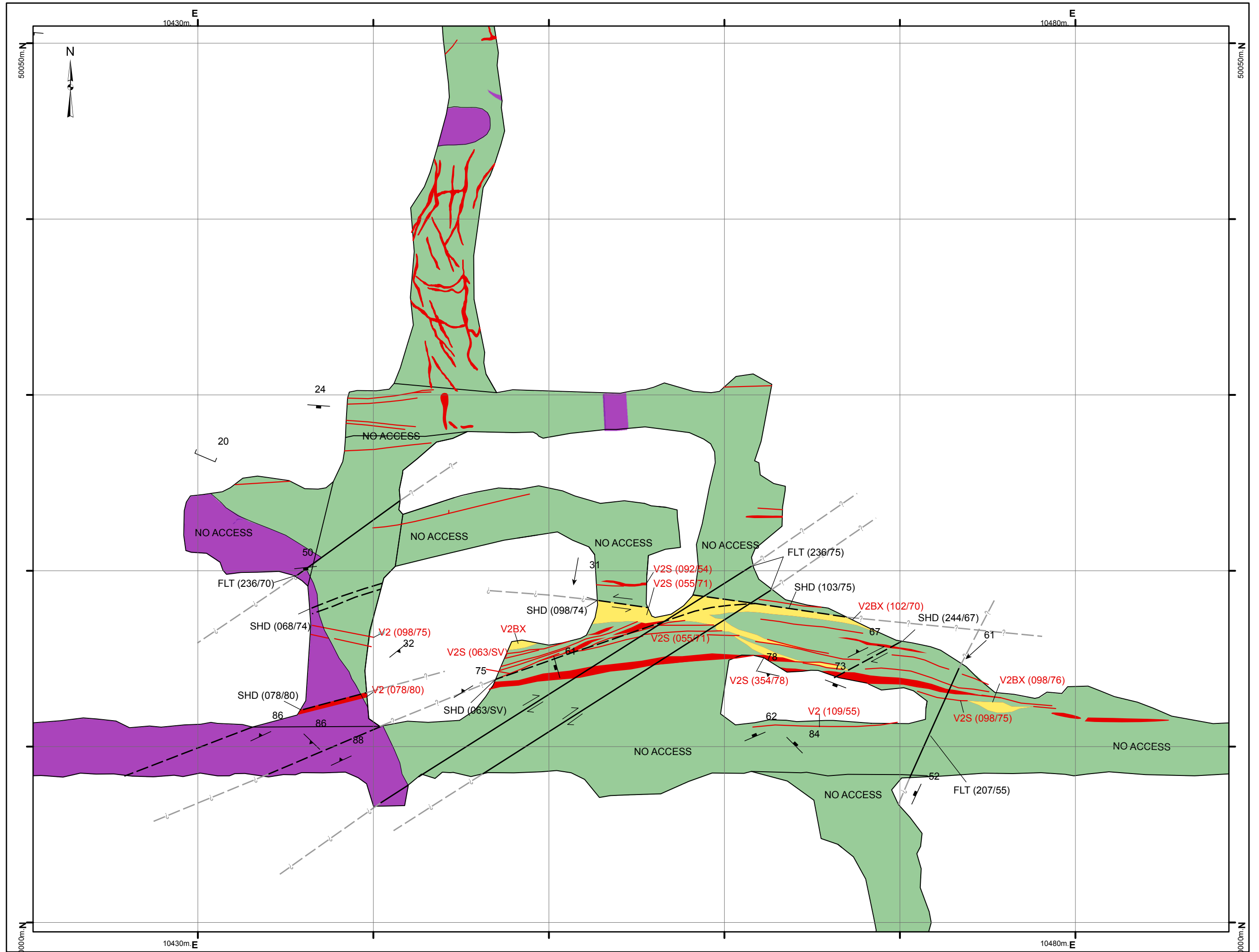


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305 LEVEL - 065 DR

1:200 Date: June 2017

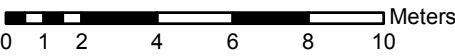
Drawn: CB Checked: SK

Approved: SK Drawing No. 7

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt

- ┆ BD - Bedding
- ┆ CLV - Cleavage
- ┆ FA - Fold Axis
- ┆ FOL - Foliation
- ┆ JNT - Joint
- ┆ LIN - Lineation

- DC - Dyke Contact
- LC - Litho Contact
- SC - Sheared Contact
- FLT - Fault
- SHD - Shear Zone
- HSi - High Strain Inferred
- ? SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- ? FLTi - Fault Inferred



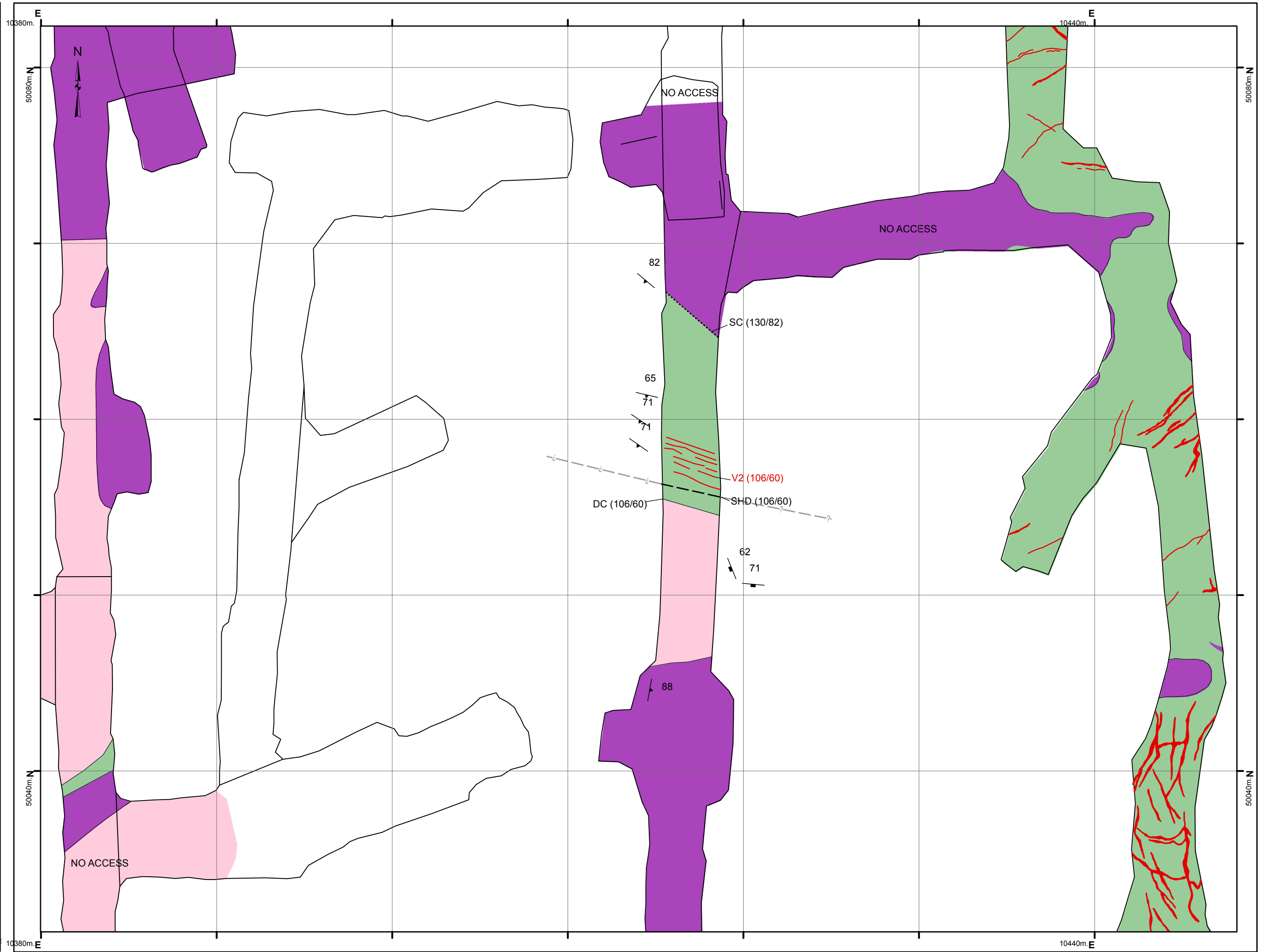
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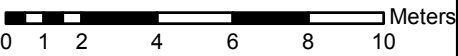
305 LEVEL - 244-305 INCLINE

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 8

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- ┌ BD - Bedding
- └ CLV - Cleavage
- ↓ FA - Fold Axis
- └ FOL - Foliation
- └ JNT - Joint
- ↓ LIN - Lineation
- DC - Dyke Contact
- LC - Litho Contact
- SC - Sheared Contact
- FLT - Fault
- SHD - Shear Zone
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- ?— SHDi - Shear Zone Inferred
- HSZ - High Strain Zone
- ?— FLTi - Fault Inferred



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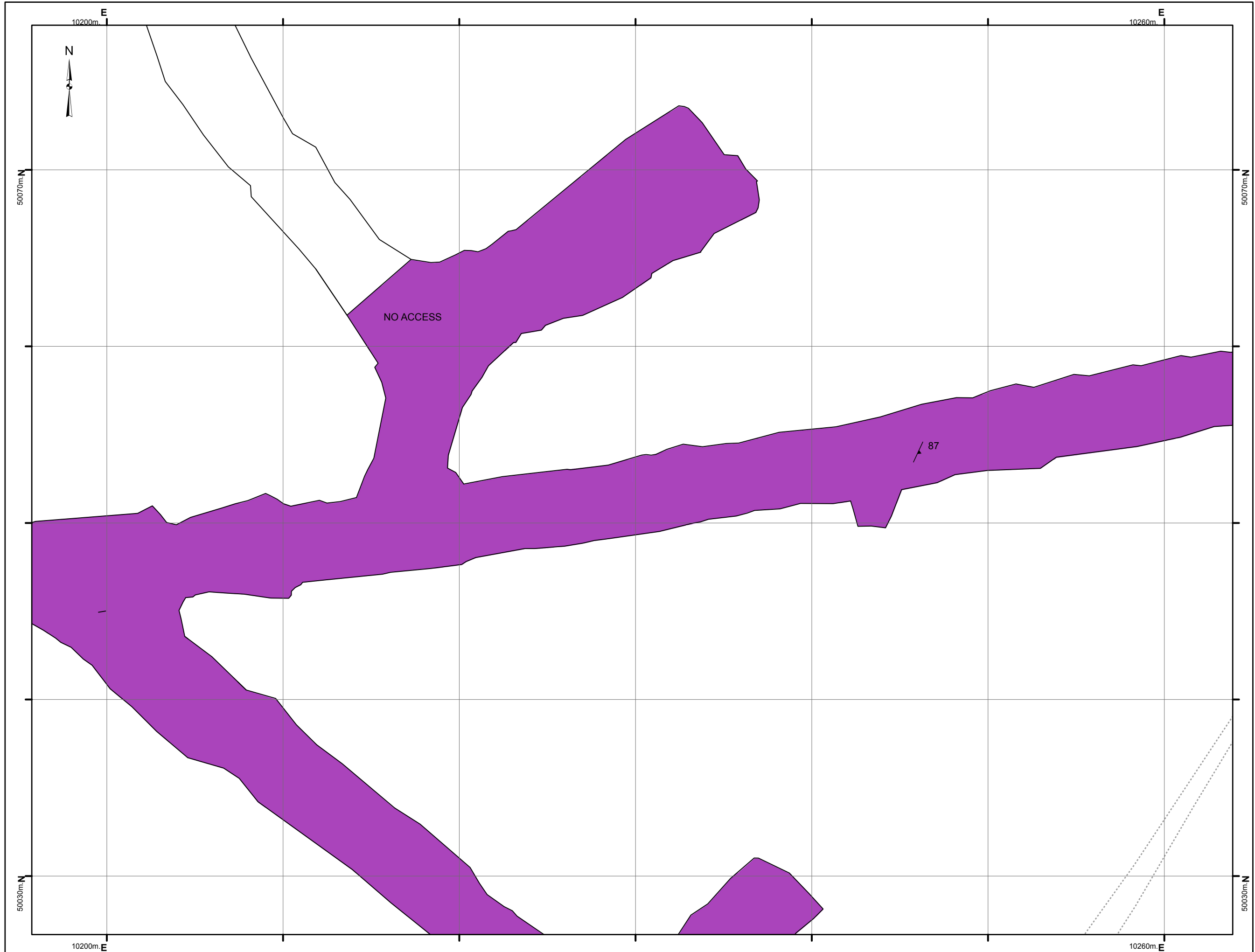


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305 LEVEL - 244-305 INCLINE

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 9

305 Level Survey

Quartz Breccia

Quartz Vein

Ultramafic Rocks

Felsic Dyke

Basalt

BD - Bedding

CLV - Cleavage

FA - Fold Axis

FOL - Foliation

JNT - Joint

LIN - Lineation

DC - Dyke Contact

LC - Litho Contact

SC - Sheared Contact

FLT - Fault

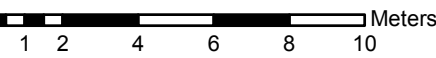
SHD - Shear Zone

HSi - High Strain Inferred

SHDi - Shear Zone Inferred

HSZ - High Strain Zone

FLTi - Fault Inferred



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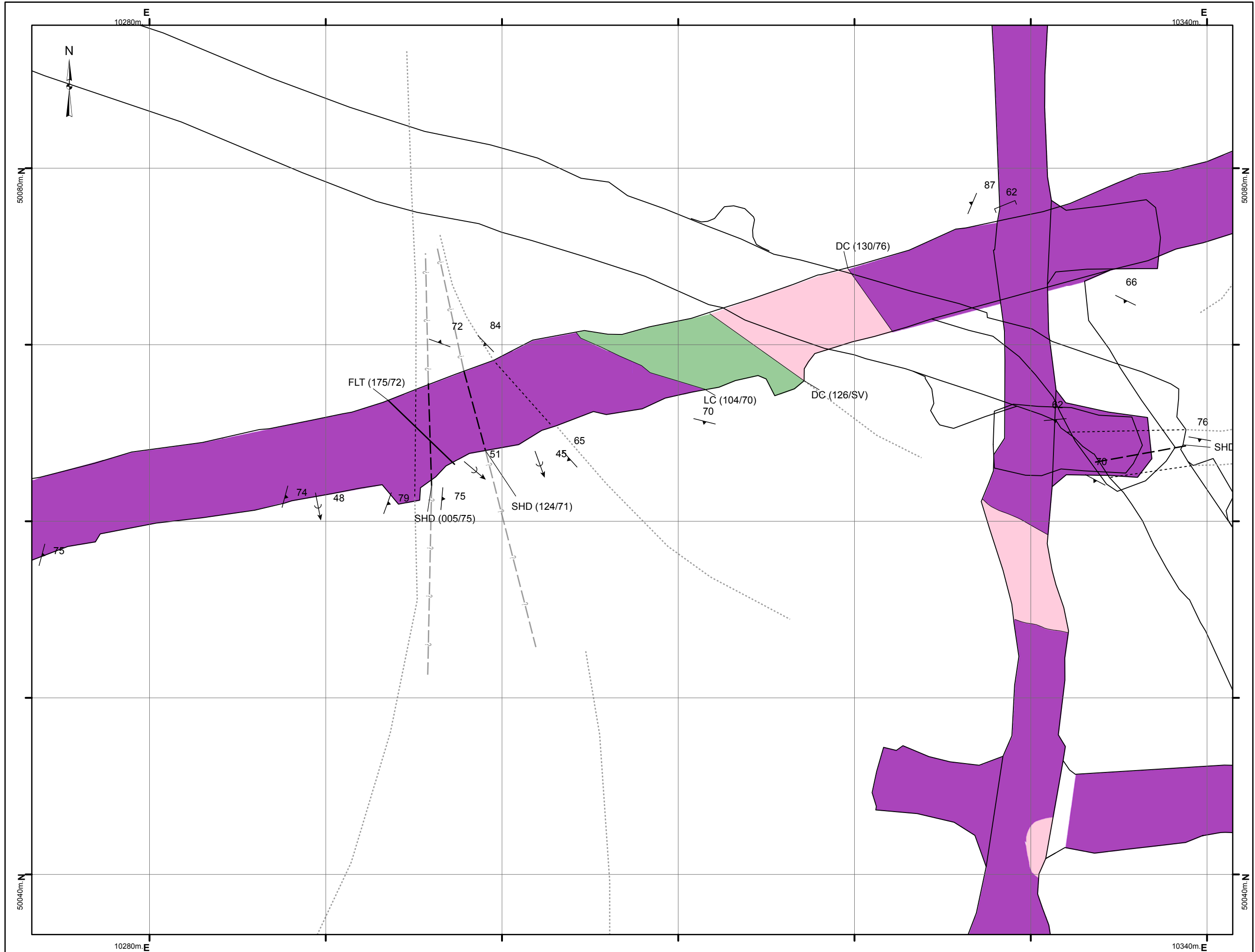


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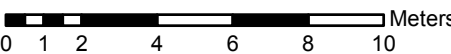
305 LEVEL - 244-305 INCLINE

1:200 Date: June 2017

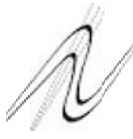
Drawn: CB Checked: SK

Approved: SK Drawing No. 10

- 305 Level Survey
- Quartz Breccia
- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- |— BD - Bedding
- |— CLV - Cleavage
- |— FA - Fold Axis
- |— FOL - Foliation
- |— JNT - Joint
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- HSZ - High Strain Zone
- ?— FLTi - Fault Inferred

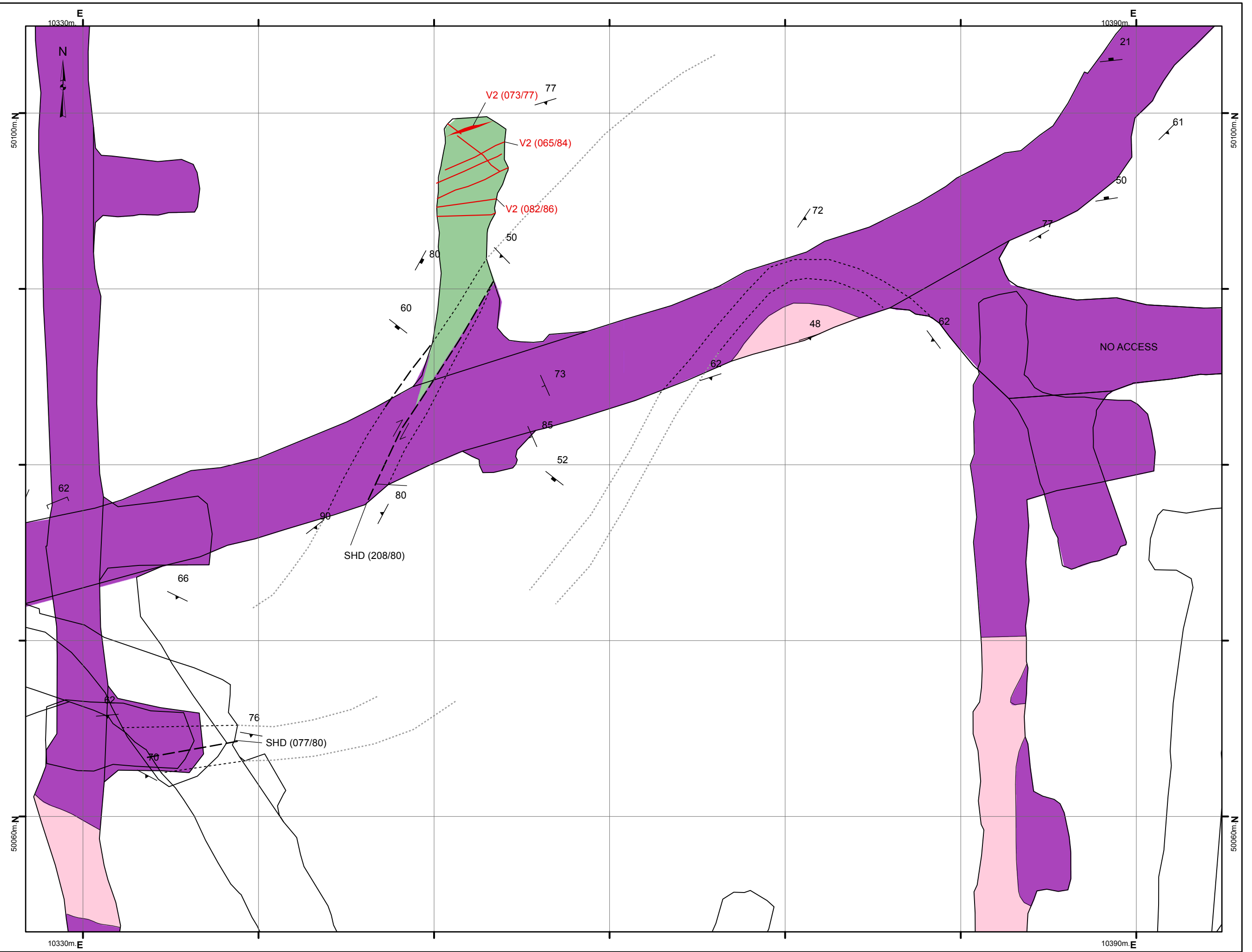


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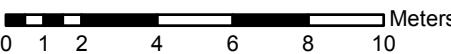
305 LEVEL - 244-305 INCLINE

1:200 Date: June 2017

Drawn: CB Checked: SK

Approved: SK Drawing No. 11

- 305 Level Survey
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- Quartz Vein
- Ultramafic Rocks
- Felsic Dyke
- Basalt
- |— BD - Bedding
- |—|— CLV - Cleavage
- |—|—|— FA - Fold Axis
- |—|—|—|— FOL - Foliation
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