# 2005 DIAMOND DRILLING AND SOIL GEOCHEMISTRY EXPLORATION PROGRAM

## LUSTDUST PROPERTY

**OMINECA MINING DIVISION,**
**BRITISH COLUMBIA, CANADA**

**(93N / 11W)**

**FOR**

**ALPHA GOLD CORP.**
**410 DONALD STREET**
**COQUITLAM, B.C.**
**V3K 3Z8**

**BY**

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**IN-DEPTH GEOLOGICAL SERVICES**

**APRIL 29, 2006**

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## 1.0 SUMMARY

The Lustdust property consists of 11 contiguous "cell" claims which are 100% owned by Alpha Gold Corp. and cover an area of 6,400 ha in north-central British Columbia. The claims are underlain by Cache Creek Assemblage sedimentary and volcanic rocks which lie immediately west of the Pinchi Fault, a major regional and terrane bounding fault. Supracrustal rocks are cut by Eocene intrusive bodies ranging widely in composition from calc-alkaline diorite to monzonite to sub-alkalic rhyodacite (Ray et al., 2002).

Mineralization is hosted within a folded, upright to locally overturned, east-verging sequence of steeply west-dipping, northwest-striking limestones, mafic tuffs and siliceous phyllites. Gold, copper, zinc and silver mineralization occurs in several forms, all of which are related to an Eocene hydrothermal system. Predominant styles of mineralization targeted by the 2005 exploration program include:

1. **Carbonate hosted, precious metal enriched, massive sulphide mantos**

2. **Cu-Au skarns**

The entire hydrothermal system, except for molybdenum rich veins and stockworks in the Glover Stock, is auriferous with 0.5 to >1 g/t gold values common throughout. Bonanza gold grades of >30 g/t Au over 1 to 9.7 m widths have been cored and may be associated with massive sulphide replacement bodies. The system is strongly zoned over at least 3000 m laterally and shows polyphase intrusive and mineralization characteristics typical of major Au-Cu-Zn-Pb-Ag skarn replacement systems found throughout the northern and southern cordillera.

Alpha Gold's 2005 exploration program was directed towards:

1. Fill-in exploration drilling of the Canyon Creek Skarn including the footwall zone.

2. Drill testing the coincident gold-arsenic soil geochemistry anomalies identified to the east of the Canyon Creek Skarn Zone during the 2004 fieldwork season.

3. Continuing the 2003 and 2004 soil geochemistry programs.

4. Refining the geologic base-map of the property.

5. Re-evaluating the results of hole M-1 drilled near the past-producing Takla Bralorne Mercury Mine for indications of "Carlin" style gold mineralization.

Sixteen (16) NQ diamond drill holes were completed between June 13 and August 5, 2005 totaling 5,153 metres. Six hundred twenty two (622) split-core samples were taken for analysis. Twenty nine (29) standards, twenty nine (29) blanks and 3 re-samples were also analyzed for QA/QC. Five hundred eighty seven B-horizon soil samples were collected along 29.4 kilometers of flagged gridlines. Geological mapping and sampling continued across the property. Total cost for the 2005 program was $652,600.

Highlights of the 2005 program include:

1. Drilling a coincident gold-arsenic soil geochemistry anomaly 300 metres east of the Canyon Creek Skarn Zone resulted in the discovery of the East Zone. The anomaly was tested with nine holes over a length of 150 metres and remains open both along strike and down-dip. The preliminary interpretation is that the zone is a manto similar to the Number 3 and 4B Zones but it could also represent the thin end of skarn similar to the CCS Zone.

    - Drill-hole LD05-02 returned **1.705 g/t Au, 24.9 g/t Ag, and 10.35% Zn over 1.1m from 93.7 to 94.8.0 metres**

    - Drill-hole LD05-05 returned **3.661 g/t Au, and 56.8 g/t Ag over 2.3m from 170.6 to 172.9 metres** and **2.255 g/t Au, 54.1 g/t Ag, and 2.66 % Zn over 1.9m from 189.6 to 191.5 metres.**

    - Drill-hole LD05-08 returned **2.390 g/t Au and 10.5 g/t Ag over 1.3m from 274.0 to 275.3 meters**

2. Drilling in the CCS Zone continued to intersect high grade gold-copper mineralization particularly at the footwall of the zone. It is, however, extremely difficult and expensive to define reserves from surface due to the depth of the mineralization and excessive drill-hole deviation.

    - Drill-hole LD05-17, a 35 metre offset of LD02-09 (24.04 g/t Au, 80.7 g/t Ag and 2.19 % Cu over 15.0m from 417.3 to 432.3 metres at the CCS footwall), returned **5.720 g/t Au, 186.5 g/t Ag, and 4.65% Cu over 3.0m from 372.7 to 375.7 metres** within **8.5m of 2.705 g/t Au, 85.1 g/t Ag, and 2.13 % Cu from 372.7 to 381.2 metres** also at the CCS footwall**.** Hole LD05-17 also returned **1.685 g/t Au, 52.0 g/t Ag, and 1.35 % Cu over 8.9m from 344.0 to 352.9 metres.**

    - Drill-hole LD05-11 intersected **1.5 metres grading 22.600 g/t Au from 329.8 to 331.3 metres** at the CCS footwall. This intersection extends the strike length of the CCS footwall high-grade to approximately 400 metres.

3. The 2005 soil geochemistry program identified three anomalous zones that require follow-up drilling.

   - A 500 metre long zinc-arsenic anomaly was identified over the favorable limestone unit along strike to the north of the Number 3 oxide zone. Zinc values ranged to a high of 4920 ppm.

   - A significant copper anomaly was outlined proximal to the north end of the Glover Stock in an area with potential to host either skarn or manto mineralization.

   - A gold-arsenic anomaly was identified west of the Number 4b Zone.

4. Re-evaluation of hole M-1 identified silicified limestones (jasperoid?) that may be related to Carlin Style gold mineralization.

Significant drill-hole results are summarized in Table I.

| TABLE I - SIGNIFICANT DRILL RESULTS 2005 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **DDH ID** | **AZ.** | **DIP** | **FROM (m)** | **TO (m)** | **Width (m)** | **Au (g/t)** | **Ag (g/t)** | **Zn (%)** | **Pb (%)** | **Cu (%)** |
| **East Zone** | | | | | | | | | | |
| LD05-01 | 050° | -55° | No significant results | | | | | | | |
| LD05-02 | 080° | -55° | 93.7 | 94.8 | 1.1 | 1.705 | 24.9 | 10.3 | | |
| LD05-02 | 080° | -55° | 209.1 | 212.1 | 3.0 | 1.620 | 13.3 | | | |
| LD05-03 | 080° | -75° | 43.9 | 45.4 | 1.5 | 1.312 | 7.7 | | | |
| LD05-03 | 080° | -75° | 211.7 | 212.7 | 1.0 | 1.495 | 2.8 | | | |
| LD05-04 | 080° | -75° | 43.3 | 44.9 | 1.5 | 1.335 | 14.4 | | | |
| LD05-05 | 086° | -65° | 170.6 | 172.9 | 2.3 | 3.661 | 56.8 | 0.13 | | 0.13 |
| LD05-05 | 086° | -65° | 189.6 | 191.5 | 1.9 | 2.255 | 54.1 | 2.66 | | 0.77 |
| LD05-06 | 085° | -55° | No significant results | | | | | | | |
| LD05-07 | 086° | -65° | 190.5 | 191.7 | 1.2 | 1.810 | 20.3 | | | 0.24 |
| LD05-08 | 086° | -65° | 274.0 | 275.3 | 1.3 | 2.390 | 10.5 | | | |
| LD05-09 | 080° | -60° | No significant results | | | | | | | |
| **Canyon Creek Skarn** | | | | | | | | | | |
| LD05-10 | 050° | -50° | 234.5 | 236.0 | 1.5 | 3.450 | 72.5 | | | 2.71 |
| LD05-11 | 050° | -45° | 329.8 | 331.3 | 1.5 | 22.6 | | | | |
| LD05-12 | 050° | -65° | 56.2 | 69.7 | 13.5 | 0.414 | 9.1 | | | 0.55 |
| LD05-12 | 050° | -65° | 117.7 | 120.7 | 3.0 | 3.185 | 71.0 | 0.82 | | 3.08 |
| LD05-12 | 050° | -65° | 231.2 | 232.9 | 1.7 | 1.115 | 48.5 | 0.23 | | 1.24 |
| LD05-12 | 050° | -65° | 278.5 | 279.5 | 1.0 | 1.190 | 38.6 | 0.38 | | 1.86 |
| LD05-13 | 055° | -65° | 277.9 | 279.5 | 1.6 | 2.200 | 17.1 | | | 1.56 |
| LD05-13 | 055° | -65° | 341.3 | 343.1 | 1.8 | 1.775 | | | | |
| LD05-13 | 055° | -65° | 381.3 | 387.2 | 5.9 | 1.136 | 25.5 | | | 1.01 |
| LD05-14 | 046° | -65° | 35.4 | 38.3 | 2.9 | 2.550 | 11.4 | | | 0.33 |
| LD05-14 | 046 | -65° | 54.8 | 56.2 | 1.4 | 1.355 | 167.0 | 0.46 | | 2.01 |
| LD05-14 | 046° | -65° | 59.2 | 61.7 | 2.5 | 0.927 | 32.0 | | | 1.79 |
| LD05-14 | 046° | -65° | 67.4 | 68.2 | 0.8 | 2.370 | 114.0 | 17.25 | | 1.32 |
| LD05-15 | 050° | -65° | 280.1 | 281.6 | 1.5 | 1.125 | 14.5 | 0.46 | | |
| LD05-15 | 050° | -65° | 322.7 | 323.3 | 0.6 | 4.360 | 87.8 | 0.48 | | 3.82 |
| LD05-16 | 050° | -65° | abandoned | | | | | | | |
| LD05-17 | 050° | -60° | 135.4 | 138.5 | 3.1 | 1.489 | 4.8 | | | 0.40 |
| LD05-17 | 050° | -60° | 314.0 | 315.5 | 1.5 | 1.060 | 20.9 | | | 1.10 |
| LD05-17 | 050° | -60° | 344.0 | 352.9 | 8.9 | 1.685 | 52.0 | | | 1.35 |
| LD05-17 | 050° | -60° | 372.7 | 381.2 | 8.5 | 2.705 | 85.1 | | | 2.13 |
| | Including | | 372.7 | 375.7 | 3.0 | 5.720 | 186.5 | | | 4.65 |

As in the preceding seasons, particularly since 1996, positive exploration results continue to emerge on this property. The diversity in the style of mineralization continues to be a hallmark of Lustdust, as is quality of the gold-copper intersections associated with these mineralized zones. Lustdust remains one of the strongest precious metals skarn systems both vertically and horizontally in the northern cordillera. A continuing program of aggressive diamond drilling is recommended for 2006 to test the soil geochemistry anomalies. Additionally, a program of deep overburden rotary drilling is recommended to test the area along strike to the north and south of Takla Bralorne Mercury Mine for gold mineralization related to silicified limestone (jasperoid).

## 2.0 INTRODUCTION AND TERMS OF REFERENCE

This report has been commissioned by the management of Alpha Gold Corp. The report documents all the results from the 2005 diamond drilling and soil geochemistry programs and outlines all significant changes to the geological database. The report is based on an extensive review and compilation of private corporate reports and documents as well as publicly available geological and scientific papers.

The report is also based on the author's personal knowledge of the property obtained during the period from June 13 to October 1, 2005. During this time, the author designed and supervised the drill program, including access construction and reclamation. The author also logged the core, supervised the core sampling, and supervised the soil geochemical surveys. All work was done according to accepted "best practices" for the industry.

## 3.0 DISCLAIMER

Implementation of the 2005 exploration program and the writing of this report have relied upon an abundance of excellent previous work. The surface geological map developed by several individuals, most particularly by Dr. Gerry Ray and his co-workers (Ray et al., 2002), has been extensively utilized. The author has also relied on many of the previous geological reports on this property, particularly the work of Evans (1996, 1997); Megaw (1999, 2000, and 2001) and Oliver (2002, 2003).

On a property with an abundance of historical drilling, conducted over a 60-year period, it would be surprising if all drill collars have been identified. Although a substantive effort has been made to accurately locate, survey and identify historical drill collars, not all of these have been identified and not all historical drill results, or the results of other technical surveys, are available.

## 4.0 PROPERTY DESCRIPTION AND LOCATION

The Lustdust Property is located in the Omineca Mining Division of north-central British Columbia on NTS 93N/11W at latitude 55 34' North (Northing 6160175) and 125 25' West (Easting 347850), UTM Zone 10, NAD 83 (Figure 1).

Pursuant to agreements made July 15, 1989 and February 21, 1992, Alpha Gold acquired interest in 77 mineral claims known as the Lustdust Property, Omineca Mining Division. In 2003, net smelter returns were purchased for these claims. Technical and legal details of this purchase are available in the corporate and legal offices of Alpha Gold. Also during 2003, an additional 8 two-post claims overlying the historic Takla Bralorne Mercury Mine were acquired by purchase.

In June 2005 all the claim holdings were converted to eleven (11) contiguous "cell" claims covering 6400 hectares or 64 $km^2$ (Figure 2). A complete list of mineral claims and their expiry dates is provided in Table 2. "Cell" claims are geographic blocks with boundaries defined by a computer mapping system. No fractions or ownership disputes are possible with this type of claim.

Six principal mineralized zones are identified on the property: the Number 1 (Takla Silver Mine), Number 2, Number 3, Number 4B, the Canyon Creek Skarn, and lastly the historic mercury mineralization at the Takla Bralorne Mercury Mine. To the writer's knowledge, the property is not subject to any environmental liabilities or other encumbrances.

2005 exploration work on the Lustdust property was completed in accordance with Amended Permit MX-13-19 as issued by the Ministry of Energy and Mines (MEM) on June 9, 2005. The MEM work approval number for the project was 05-1000323-0609. Timber clearing was covered by FUP 15037 as issued by the Ministry of Forests.

**TABLE 2 LUSTDUST CLAIMS, April 2006**

| Claim Name | Tenure No. | Area (ha) | Type of Claim | Expiry Date |
|---|---|---|---|---|
| Alpha 1 | 505166 | 347.159 | Mineral | 2016.01.28 |
| | 514104 | 603.621 | Mineral | 2016.01.28 |
| | 514105 | 493.880 | Mineral | 2016.01.28 |
| | 514106 | 365.990 | Mineral | 2016.01.28 |
| | 514109 | 694.665 | Mineral | 2016.01.28 |
| | 514111 | 1205.807 | Mineral | 2016.01.28 |
| | 514114 | 695.240 | Mineral | 2016.01.28 |
| | 514115 | 548.900 | Mineral | 2016.01.28 |
| | 514117 | 274.284 | Mineral | 2016.01.28 |
| | 514119 | 457.193 | Mineral | 2016.01.28 |
| | 514120 | 712.906 | Mineral | 2016.01.28 |
| | | | | |
| **11 claims** | | **6400 ha** | | |

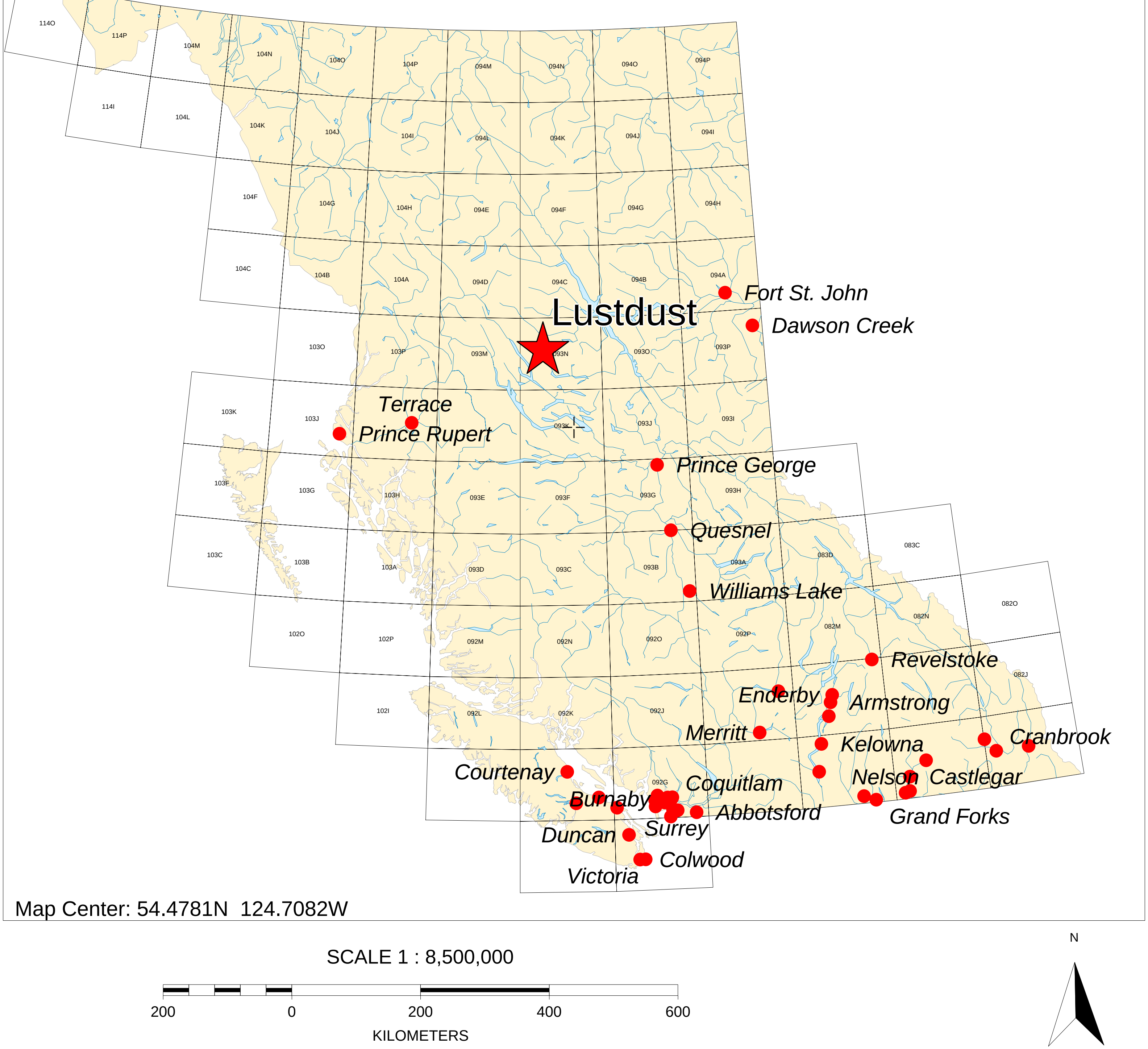



Figure 1 Lustdust Project Location Map

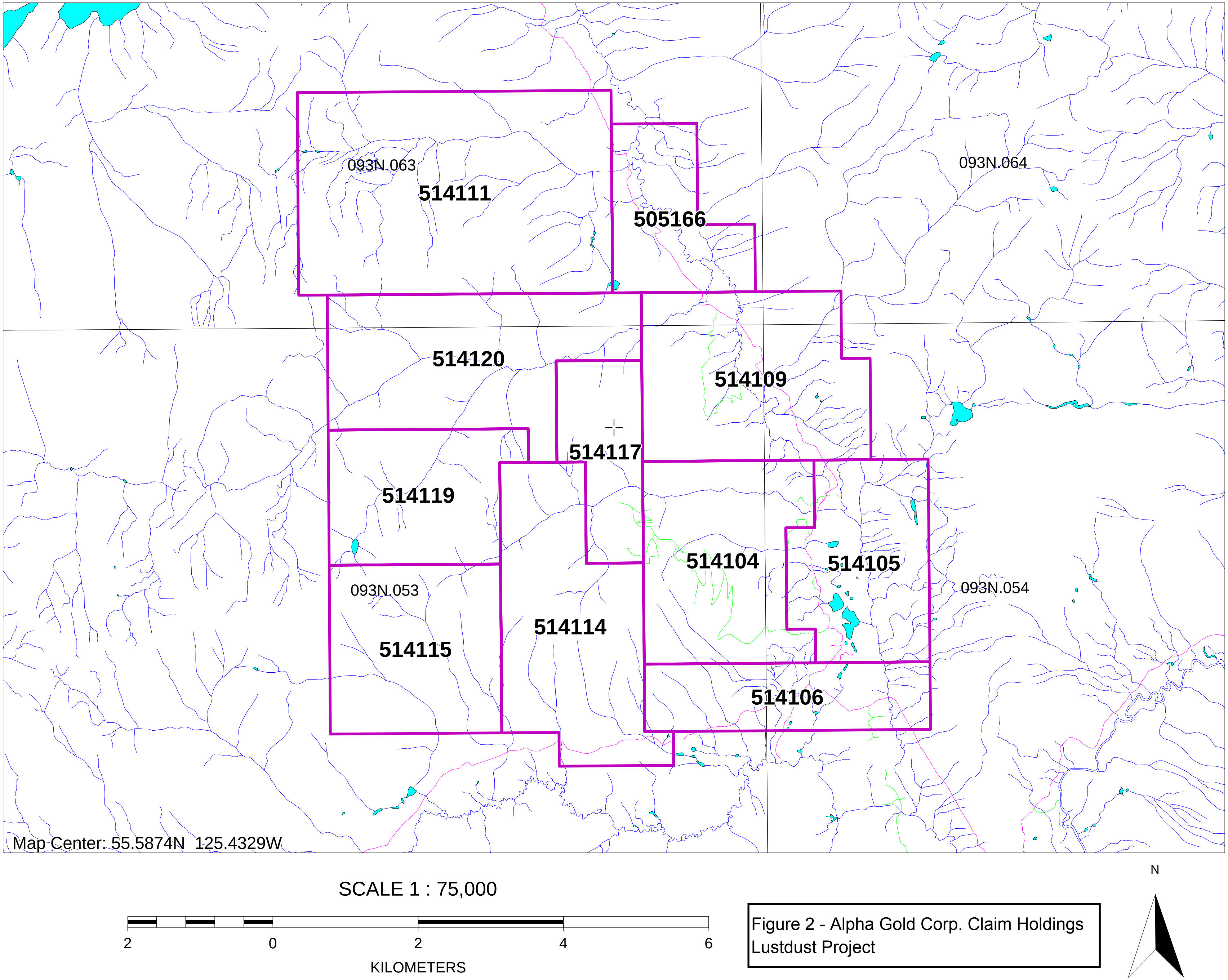



Figure 2 - Alpha Gold Corp. Claim Holdings
Lustdust Project

## 5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The property is located approximately 210 kilometers northwest of Prince George, B.C. and 36 km east of Takla Landing, where there is a B.C. rail-line. Lustdust is located immediately west of the old Bralone Takla Mercury Mine (Minfile 093N 008) and encompasses the Takla Silver Mine (Minfile 093N 009), (Figure 1).

The terrain is moderate, ranging in elevation from 1000-1525 m on the property. Lower elevations are covered by widely-spaced lodgepole pine. At elevations above 1200 m, forest cover consists of overmature spruce and balsam with an undergrowth of white rhododendron. Summers are short and rainy but even under these conditions many of the drainages are seasonal in nature with progressively diminished flows during the late summer and fall. Snow accumulations, during average winters, persist from late September through May-June at the higher elevations. Most of the exploration programs conducted on the property to date have been completed during the June to October field season.

## 6.0 HISTORY

The Lustdust property has been explored by a number of operators since the original discovery of the Number 1 Zone in 1944. A synopsis of the exploration history is listed in Table 3. Despite the fact that exposure is limited and that previous efforts have been hampered by poor understanding of the deposit type, new occurrences have been found on a regular basis both along strike to the north-northwest and south-southeast, and at depth.

**TABLE 3**

**EXPLORATION HISTORY SYNOPSIS**

| Year | Operator | Claims | Zone | Work Performed |
|---|---|---|---|---|
| 1944 | | Wow #1 | 1 | Zone 1 discovered and staked |
| 1945 | McKee Gp. | Wow #1 | 1 | trenching, 106.7 m of drilling |
| | Leta Expl. Ltd. | | | |
| 1952- | Bralorne | Wow 1, MV1 | 1,2,3 | 5306 m of trenching, |
| 1954 | Mines Ltd. | MV2, M | 4b | 1429 m of drilling |
| 1960 | Noranda Canex | | " | 7 rock cuts, 34 test pits, 200m hand |
| | | | | and 1508m cat trenching |
| 1963 | Bralorne | Wow #1 | 1 | sampling |
| 1964 | Takla Silver | Wow #1 | 1 | 229 m of drifting |
| | Mines Ltd. | | | |
| 1966 | " | Wow #1 | 1 | 229 m of underground ddh |
| 1968 | " | Wow #1 | 1 | 1337 m of surface and 573 m of |
| | Anchor Mines Ltd. | | | underground ddh, 90 kg bulk sample |
| 1978 | Granby | MV1,2 | 1, 2, | Pulse EM, surface ddh |
| | Mining Corp | K,L,M | 3, 4b | |
| 1980 | " | L,M | 1, 2, | airborne mag, VLF, ground mag, VLF |
| | | | 3, 4b | soil survey, 2 ddhs |
| 1981 | Noranda | L,M | 4b | 8 ddhs (7 wildcat) |
| | Expln. Co. | | | soil sampling and property mapping |
| 1986 | Welcome | Wow 1, MV | 1, 3 | sampling |
| | North Mines Ltd. | L, M | 4b | |
| 1986 | Pioneer | Wow 1 | 1,2, | geological survey |
| | Metals | MV1, M | 3, 4b | |
| 1991 | Alpha Gold | MV1 | 3 | 906.6m of drilling in 10 holes |
| 1992 | Alpha Gold | L, M | 4b | trenching, 1520m of drilling in 30 holes |
| 1993 | Alpha Gold | L, M | 4b | 24 ddhs |
| 1996 | Teck Expl'n. | | 2,3,4b,4 | geology, soils, trenching |
| 1997 | Teck Expl'n. | | 2,3,4b,4 | soil sampling, 3062.8 m drilling in 16 holes |
| 1998 | Alpha Gold | | 1, 2, 3 | 1,103m of drilling in 14 ddhs |
| 1999 | Alpha Gold | | 3, 4b | 3050m drilling in 18 holes, trenching CCS |
| 2000 | Alpha Gold | | CCS | 4680m drilling in 29 holes. |
| 2001 | Alpha Gold | | CCS, Mo | Porphyry Mo-Cu: 2945 m in 10 holes |
| | | | | CCS: 2664 m in 8 holes |
| 2002 | Alpha Gold | L,M | CCS | 7790.4 m in 19 NQ boreholes. |
| 2003 | Alpha Gold | C.G’s, L, M | CCS,1,3 | 7,908 m in 42 NQ boreholes |
| | | | | 37 km soil geochemistry |
| 2004 | Alpha Gold | L,M | CCS,3 | 6010 m in 21 NQ holes |
| | | | | 724 B horizon soil samples |

## 7.0 GEOLOGICAL SETTING

### 7.1 Regional Geology

The Lustdust property is located within the Cache Creek Terrane directly west of the Pinchi Fault (Figure 3). The Pinchi Fault can be traced for 600 km through north-central B.C. and is believed to have been a major thrust fault which was later reactivated as a large right-lateral strike-slip fault (Paterson, 1977). In the project area, the Pinchi Fault separates Cache Creek rocks from the Jurassic Hogem Batholith and Triassic-Jurassic Takla rocks to the west. The Cache Creek Group is of Pennsylvanian-Permian age and consists of a >500 kilometer-long, >3000 meter thick, complexly deformed sequence of interbedded argillites, cherts, carbonates, and mafic to ultramafic volcanic and plutonic igneous rocks. Alpine peridotites and ophiolite fragments are locally present, especially to the north of the Lustdust property (Soregaroli, 1999, Schiarizza and MacIntyre, 1999).

Although some rock units are locally metamorphosed to blueschist facies, the overall metamorphic grade throughout the area is low. The argillites and cherts are typical, fine-grained, thinly bedded deep-marine sediments (Monger, 1977). The volcanic rocks are tholeiitic and include andesitic to basaltic tuffs, flow-breccias, and pillow basalts - all of oceanic affinity. The carbonates are dominated by bioclastic to micritic and algal-bound shallow-water facies limestones, interpreted to have been deposited in a carbonate bank or reef environment (Monger, et al, 1991). Regional studies have emphasized the observation that contacts between most of the different lithologies are abrupt and probably are faults. However, detailed studies, executed close to Lustdust (Sano and Struick, 1997), have found limestone conglomerate and sandstones with volcanic fragments, and limestone fragments within the argillite-chert section. Similar relationships are seen in core at Lustdust and locally show uninterrupted gradation from massive limestones to mafic volcanic dominated successions.

The entire package is folded with a well-developed axial planar foliation with a north-northwest strike trend typical of the entire Intermontane Belt in which the Cache Creek Terrane lies (Gabrielse and Yorath, 1992). A wide range of Jurassic to Tertiary intrusions cuts the Cache Creek Assemblage and many of these are emplaced along the prominent NW-trending structures and stratigraphic breaks. Numerous mercury occurrences are present along the length of the Pinchi Fault (Albino, 1987) and a few gold and base metal occurrences are present within Cache Creek rocks near the Pinchi fault including the Lustdust, Indata and Axelgold properties. There are at least two alkalic gold-copper Porphyry systems in the immediate Lustdust area: J49 and Axel Properties (Schiarrizza, 2000).

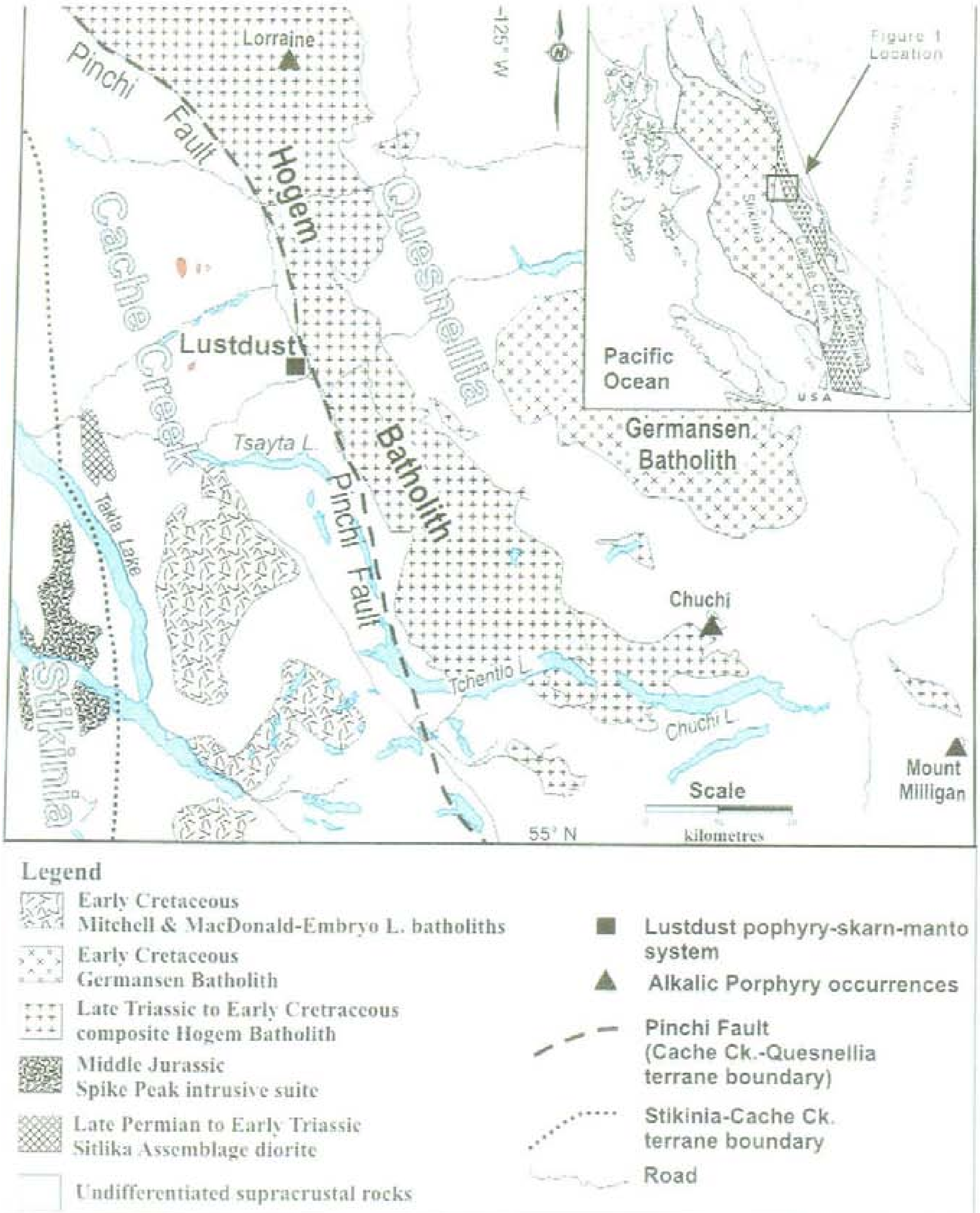



Figure 3: Location map of Lustdust property showing major intrusions and Terranes. Geology simplified from The MapPlace. **(from: Ray and Webster, in progress)**

## 7.2 Lustdust Property Geology: Summary

The Lustdust property is underlain entirely by Permian Cache Creek units that form upright to overturned asymmetrical, west-dipping, north-plunging folds. These folds parallel the north-northwest trending Pinchi fault that lies along the eastern property boundary. The stratigraphy strikes N-NW with generally vertical to moderate westerly dips. Very little bedding is preserved and structural information is rare except in road cuts. The explored part of the property is dominated by a variety of intrusions which cut carbonate rocks interbedded with graphitic and calcareous phyllites, cherts, cherty argillites, and mafic tuffs (Figure 4).

A composite intrusive center and linear dyke array, the “Glover Stock”, occurs in the center portion of the property. The stock is well-zoned and includes rocks ranging from mafic to felsic in composition. Pervasiveness of biotite hornfels and skarn increases towards the stock (Evans, 1998). Some of the intrusive phases contain significant amounts of magnetite and appear to be responsible for the large magnetic anomaly shown on published regional maps and in Alpha's 2000 ground-magnetics survey (Butler and Jarvis, 2000). Geochemical analyses, of several different intrusive phases, indicate that some have borderline alkalic composition similar to intrusions related to Au-Cu porphyry deposits elsewhere in the region, including the “Babine Intrusions”. Others have calc-alkaline compositions typical of B.C. copper skarns (Ray and Webster, 1997).

Several styles of mineralization that appear zonally related to each other are present on the property. From most proximal to most distal from the Glover Stock, they are:

1. **Molybdenum-Copper-Gold Porphyry** consisting of quartz-K-spar, pyrite, molybdenite and/or chalcopyrite veinlets associated with potassic, sericitic, and propylitic alteration in intrusive rocks (Glover Stock).
2. **Multi-stage Garnet-Diopside skarn** cut by Cu-Au-Ag-Zn bearing structures with surrounding dispersed Cu-Au mineralization (Canyon Creek Skarn).
3. Structurally and stratigraphically controlled **massive sulfide Zn, Au, Pb, Ag, Cu replacement bodies** [CRD] (4b, 3, and 2 Zones) and their oxidized equivalents.
4. **Sulfosalt-rich veins** (Zone 1) which follow faults and are strongly associated with fine-grained, linear, felsic dykes containing high values of Au, Ag, Pb, Zn, Sb and Mn.
5. **Mercury** mineralization in limestone proximal to the Pinchi Fault.

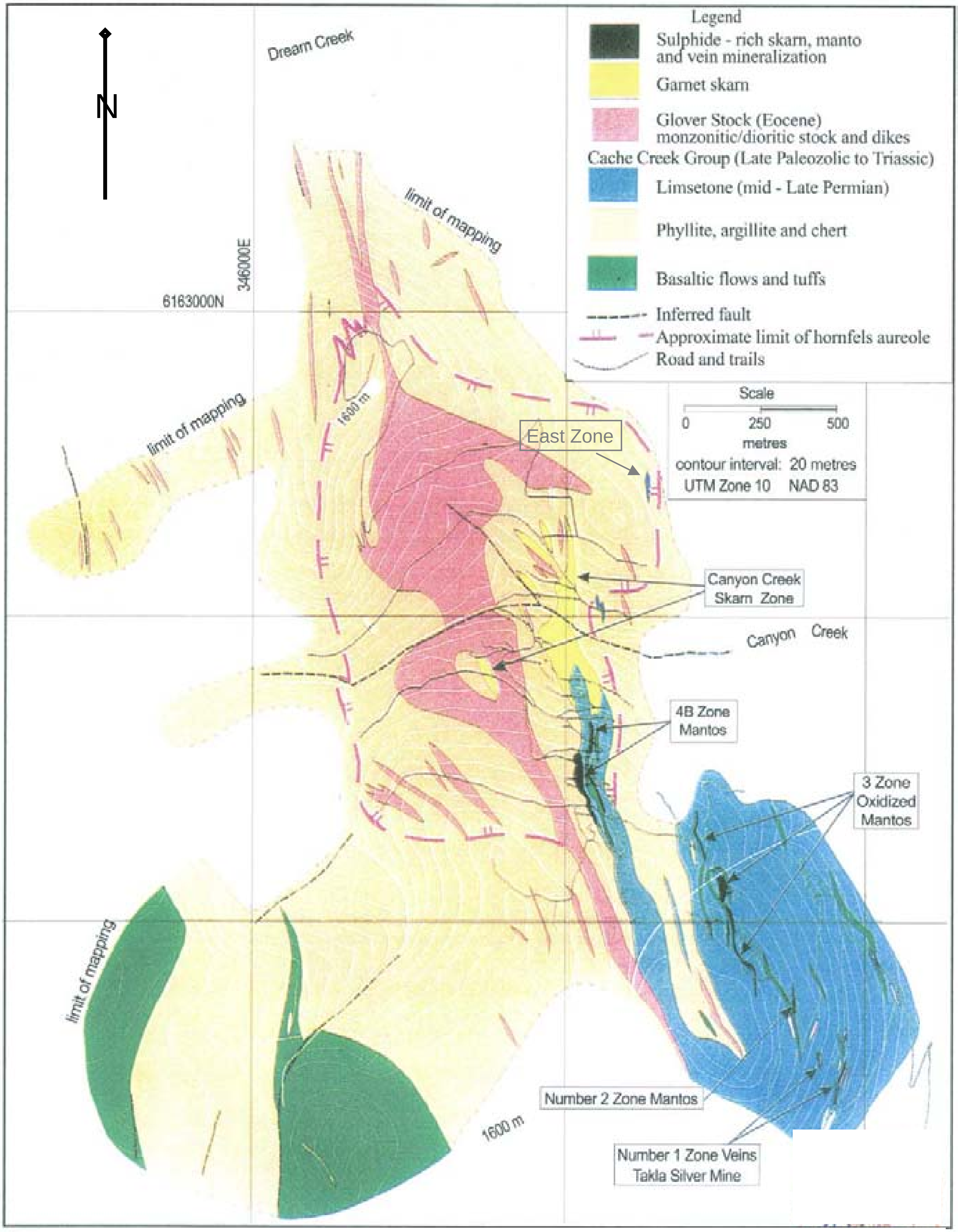



Figure 4 – Generalized Geology Compilation Map

### 7.3 Supracrustal Rocks

Interpretations of primary stratigraphy are challenged by the strong regional deformation. In the area of extensive drilling of the 4b and Canyon Creek Skarn zones, several coherent rock panels may be described as follows:

1. Hanging-wall assemblages to the Canyon Creek Skarn are dominated by a sequence of thinly compositionally laminated, siliceous and/or argillaceous phyllites often with strong biotite compositional layers. These rocks are interpreted as ribbon cherts by British Columbia Geological Survey geologists with extensive regional experience. The argillaceous, clastic component, of these rocks may increase towards the skarn – calc silicate horizon, particularly to the south towards the 4b zone.

2. Skarn assemblages are developed in weakly compositionally-layered limestones, in calcareous mafic tuffs, or rarely in siliceous phyllites.

3. Footwall assemblages to the Canyon Creek Skarn are dominated by rocks which are typically described as cherty argillites and/or cherts. Rocks in the footwall are similar to hangingwall rocks but qualitatively appear to have a higher proportion of quartz compositional layers and decreased biotite lamella.

Stratigraphic units are more fully described below:

| | |
|---|---|
| Limestone (LS) | Light to medium grey, sucrosic, recrystallized limestone, locally with weak styloitic cleavages. These rocks bleach to off-white adjacent to skarn fronts. They may contain numerous internal horizons of both dark grey clastic beds and mafic tuffaceous horizons. |
| Calcareous Phyllite (CP) | Dark grey-brown, argillaceous interbeds are inter-calated with thin, centimetre scale, calcareous lamella |
| Calcite Knot Limestone (Lcs) | Calcite knot limestones may contain either white cm scale calcite aggregates within a darker grey matrix, or they may be a gradational unit to mafic tuffs where10-30% oval to cuspate calcite clasts are supported by a strongly calcareous, light to medium green matrix. |

| | |
|---|---|
| Siliceous Phyllite (SP) | These rocks are defined by compositional layers formed by alternating foliation parallel biotite +/- lesser white micas, with quartz compositional layers. The protolith of these rocks is interpreted, by many workers, as ribbon cherts. |
| Chert (C) | With an increase in quartz content, to greater than 75% rock volume, the rocks are logged as cherts. Minor increases in biotite compositional layers may shift these rocks into a phyllitic chert (PC) field. |
| Argillite (A) | Argillite is a composite unit that includes a wide range of fine-grained, essentially non-calcareous, carbonaceous, thinly bedded sedimentary rocks. It includes argillites (A), cherty argillites (CA), thinly bedded cherts, carbonaceous argillites (CA). Graphitic layers are common throughout. Locally, the thinly bedded units contain fine-grained, continuous pyrite or pyrrhotite layers that appear to be part of the original sediments. As with all supracrustal rocks, these units are strongly deformed. |
| Mafic Tuffs (MT) | Mafic tuffs are well-foliated and often well compositionally layered dark green, to green and white mottled rocks with highly chloritic and locally calcitic matrices. The chlorite is interpreted to result from alteration of mafic-intermediate tuffaceous materials. 1-30 cm limestone fragments are the dominant clasts**,** but fragments of intermediate and mafic volcanic rocks are also present. These rocks contain up to 2% finely disseminated pyrite and/or pyrrhotite and are geochemically anomalous for Pb, Zn, and Cu. Grading in limestone fragment size is common. Evans (1997, 1998) believed that there was only one mafic tuff unit and that it was a good marker bed. Previous fieldwork and core logging show that there are multiple mafic tuff units in the section and they show enough lateral variation that their utility as marker beds may be limited. |

### 7.4 Intrusive Rocks

Mineralization throughout the Lustdust property shows a close association with the Glover Porphyry - a composite intrusive complex consisting of stocks and dikes ranging from diorite to monzonite to rhyodacite. Cu-Au skarn forms abundantly along stock and dike contacts (and replaces these rocks) and Zn-Au-Pb-Ag-Cu replacement mineralization is locally well developed along dike margins at more distal locales. Overall, mineralization shows zonation relative to the inferred center of the Glover Porphyry complex. Some of the compositional variations can be attributed to potassic alteration and silicification, which change the original intrusive composition and appearance in hand specimen, but the majority of the phase differences are real. Intrusive rock units include:

| | |
|---|---|
| Monzonite (M) | A medium-grained equigranular to weakly porphyritic rock composed of plagioclase>K-feldspar, abundant elongate hornblende and euhedral biotite. Quartz is present, but in minor amounts. This unit crops out extensively as dikes throughout the southern and southwestern area, and the dikes seem to widen towards the 4b Zone. These dikes locally host replacement mineralization along their flanks. |
| Megacrystic Monzonite (Mp) | This intrusive phase is defined by the presence of very strongly plagioclase +/- quartz porphyritic monzonites. Contacts of these rocks with finer grained phases may be gradational. |
| Quartz Monzonite (QM) | These rocks contain 10 -15% free quartz as discrete, millimetre scale phenocrysts. The rock is also hornblende and biotite porphyritic and may be beginning to shift into a granodiorite field. |
| Diorite (D) | Diorites are fine to medium-grained, medium to dark gray-green and composed of plagioclase, biotite and hornblende phenocrysts. Accessory magnetite is locally abundant. The phases are distinguished largely on the presence and the abundance of biotite and hornblende. This distinction can be difficult to make in the finer-grained units where potassic alteration has replaced the hornblendes with secondary biotite. Color is determined by mafic phenocryst content and the degree of chloritic alteration. |
| Monzodiorite (MD) | A shift to increased percentages of fine-grained matrix plagioclase and a decrease in mafic phases, hornblende and biotite are the characteristics of this unit. Free quartz is not identified. |

| | |
|---|---|
| Felsic Dykes (Fd) | Felsic dykes occur across the property. These are weakly porphyritic felsic rocks with sparse to prominent 1-3 mm quartz and feldspar phenocrysts set in a sugary fine-grained matrix of quartz and feldspar. They are locally well flow-banded with banding generally parallel to their overall orientation. Felsic dykes are often pervasively argillically altered or silicified making them difficult to distinguish from altered fine-grained monzonite. Felsic dykes in the Number 1 Zone commonly have vein mineralization along one or both contacts. |
| Felsic Dykes (Fpd) Plagioclase Porphyritic | Distinctive elongate, sericitized feldspar phenocrysts are abundant within this rock matrix and may exceed 35% rock volume. The rock also contains 5-8% coarse quartz phenocrysts. |
| Mafic Dykes (Bd) | Medium to fine-grained, undifferentiated mafic dykes. |
| Ultramafics (UM) | Green to dark black, uralitically altered, ultramafic intrusions. In their unaltered state, the intrusions are likely pyroxenites. Elevated interstitial magnetite is common. Pyrrhotite is locally noted. The intrusions likely trace major strands of the Pinchi Fault. True brittle-ductile fabrics are common within these intrusions. |

**7.5 Structure:**

Rocks underlying the Lustdust property have experienced multiple deformational events. In the absence of geochronological data, definitive age relations between these events are difficult to establish. However, overall map patterns, rock fabrics and discordant rock fabrics in drill core suggest that at least two penetrative deformational processes, D1 and D2, have influenced the current map pattern.

The development of a pronounced planar S1 fabric, often co-planar to bedding and primary compositional layers, defines an early D1, deformational process. These fabrics are most likely axial planar to the tight to isoclinal, upright to west overturned, east-verging folds. The data of Ray et al., (2002) suggests these folds plunge approximately 40-50° to the north-northwest. The distribution of bedrock lithology has been profoundly influenced by this event.

The rotation of S1 fabrics is evidence for post D1 processes. Although S1 fabrics are clearly rotated, S2 penetrative foliations are weakly developed and may be measured in only very selective core and rock samples. Ray et al. (2002) suggest that D2 folds have similar orientations to D1 folds, but tend to be slightly more open, and have shallower, 20° northwest plunges.

Regionally, folds in the Cache Creek assemblage are typically open (Schiarizza and McIntyre, 1999), but on the Lustdust property folds are generally asymmetrical and overturned with short, shallow, west-dipping western limbs and long, steep, west-dipping eastern limbs. Locally they are isoclinal. Tight folding is likely due to buttressing against the Pinchi Fault, which is believed to have originally been a major thrust fault (Paterson, 1977). Where observed, these folds have a 10-60 degree N-NW plunge and minor axial plane shears are common. The noses of antiforms are structurally thickened and fractured zones favorable for manto mineralization (Evans, 1998; Megaw, 1999).

The entire property has a strong NW-trending, grain reflecting bedding, tight asymmetric folding, and bedding plane faults. This structural fabric closely controls intrusive emplacement and most of the dykes of the Glover stock are strongly elongated along this N-NW structural grain. The most important, and consistent, fault structures demonstrated in drill core are roughly coplanar to bedding. Some of these faults have the appearance of early east verging reverse faults, which are largely lithologically controlled and mostly identified in the immediate hangingwall to the Canyon Creek Skarn. These faults may be rotated into slightly steeper positions by latter extension faults.

The strongest and most strike discordant structural zone on the property is the structural zone and dyke system which hosts the Number 1 veins. This mineralized fault structure has a nearly north-south strike and moderate to steep west dip. In marked contrast, all structures, including lithology and major skarn bodies on the Lustdust property have strike relationships which average 150° to 160° and steep westerly dips.

Compilation of the sub-surface data with the surface geological plans suggests that right stepping lithologic offsets, which occur both to the north and south of Canyon Creek, are related to fold vergance effects - an east verging, right stepping antiform - rather than a fault related offset.

Mapping of carbonates on a property-wide scale (Evans 1997; 1998) shows a wide outcrop band in the southern portion of the property that appears to decrease in width to the north, largely disappearing at Canyon Creek. This may be an artifact of limited outcrop exposures as integration of the subsurface information from drilling suggests the northern continuity of the most easterly limestone package may be significantly better than initially interpreted (Figure 4). The limestone is asymmetrically folded and plunges north at 15-20°.

## 8.0 DEPOSIT TYPES

Carbonate replacement deposits (CRD) typically grade from lenticular or podiform bodies developed along stock, dike, or sill contacts to elongate-tabular bodies referred to as chimneys and/or mantos depending on their orientation. Limestone, dolomite and dolomitized limestones are the major host rocks. Ores grade outward from sulfide-rich skarns associated with unmineralized or porphyry-type intrusive bodies to essentially 100% polymetallic massive sulfide bodies. Both sulfide and skarn contacts with carbonate host rocks are razor sharp, and evidence for replacement greatly outweighs evidence for open-space filling or syngenetic deposition (Titley & Megaw, 1985). In reduced, high to low-temperature systems, proximal to distal metal zoning generally follows: Cu (Au, W, Mo), Cu-Zn (Ag), Zn-Pb-Ag, Pb-Ag, Mn-Ag, Mn, and Hg. This zoning may be very subtle and large scale (Prescott,1916; Morris, 1968) or tightly telescoped and smaller scale (Graf, 1997).

Many different features of CRDs tend to be well-zoned at district, deposit and hand-sample scales. The most important zonations are: 1) Ore and gangue mineralogy and metal contents; 2) Orebody geometry; 3) Intrusive geometry and composition; 4) Structural controls on mineralization; 5) Alteration; and 6) Isotopic characteristics of wallrocks. In general, the largest systems show the best-developed zoning and repetition of zoning and paragenesis. Zoning tends to be most extensive in the elongate manto and chimney systems where individual zones may extend over kilometers vertically and laterally (1998). Zoning in large contact skarn systems is typically more compressed because of telescoping and repeated overprinting (Graf, 1997). In all cases, multi-phase mineralization is a reliable indicator of large systems.

CRD mineralization is associated with polyphase intrusions that evolve from early intermediate phases towards late, highly evolved felsic intrusions and related extrusive phases. The intrusions most closely related to mineralization are usually the most evolved phases and these are not exposed in many districts. Dikes and sills characterize the intermediate reaches of CRDs and there is often evidence for multiple dike/sill emplacement events. These intrusions may be compositionally homogeneous or there may be compositional evolution between dike/sill phases (Graf, 1997). Textures range from porphyritic to aphanitic, locally with narrow gradations between textural domains. Chimney and replacement veins are the most common orebody types associated with these intrusions, although mantos locally occur along sill contacts. Intrusive stocks commonly occur beneath or adjacent to the most proximal portions of CRD systems, although in many cases they do not crop out. Where intrusions are exposed, they are generally less than 5 $km^2$ in areal extent. These stocks are generally polyphase with compositions grading from early diorite to late granite. Texturally, these intrusions range from equigranular to porphyritic and from massive to highly fractured. The central stocks may be barren, contain porphyry copper or molybdenum systems, or have marginal zones with porphyry copper or molybdenum affinities (Megaw, 1998). In many systems, the early phases of the intrusion have associated skarnoid or barren skarn, whereas skarn and ore mineralization are related to later, more highly differentiated phases (Meinert, 1995 and 1999; Graf, 1997; Megaw et al., 1998).

Structural fabrics are the dominant control on mineralization in CRDs, as they control intrusion emplacement and channel ore fluids into favorable host strata. Most CRDs lie in fold-thrust belts on major structural domes, arches, anticlines, synclines or homoclines, and most districts have structural grains controlled by faulting and fracturing related to regional deformation (Megaw et al. 1988). Orebodies are often elongate with parallel, district-wide structural trends, but may not be restricted to a given structure over great lengths.

The gradations seen in single orebodies or districts suggest that the various manifestations of the deposit type can be considered part of a spectrum (Einaudi et al. 1982; Megaw et al. 1988; Titley, 1993) ranging from:

1. Stock contact skarns: formed against either barren or productive stocks
2. Dike and sill contact skarns
3. Dike and sill contact massive sulfide deposits
4. Massive sulfide chimneys
5. Massive sulfide mantos
6. Epithermal veins
7. “Carlin” style sediment hosted deposits

Several features make CRDs highly desirable mining targets including: **1) Size-** CRDs average 10-13 million tons of ore and the largest range up to >50 million tons; 2**) Grade-**ores are typically polymetallic with metal contents ranging from 2-12% Pb, 2-18% Zn, 60-600 g/T Ag, Tr-2% Cu and Tr-6 g/T Au. Many have by-product credits for Cd, W, In, Ga, Ge, Bi, and S; 3**) Deposit morphology-** orebodies show good continuity; **4) Extraction and Beneficiation-** CRDs are typically metallurgically docile, amenable to low-cost mining methods, and the environmental footprint is minimal.

Massive sulfide bodies lacking an associated intrusion characterize the distal zones of CRDs. These commonly have the form of high angle to vertical slab-like replacement veins; elongate pipe-like chimneys; or low angle to horizontal tabular or elongate, tongue-shaped, crudely stratabound mantos. Mantos may be developed entirely within selected beds or groups of carbonate beds, or may occur with one or more non-reactive, relatively impermeable sedimentary or intrusive rock contacts.

Development of carbonate rock alteration in CRDs, like mineralization, is highly variable in type and in scale. The major alteration types are:

1. **Skarnoid or hornfels:**
   These are typically very fine-grained, mineralogically simple, calc-silicate and silicate assemblages formed through thermal metamorphism without significant addition of outside components. Skarnoid typically forms from a limestone or shaly limestone precursor, whereas hornfels forms from shale or limy shale precursors. Hornfels and skarnoid commonly develop in the thermal aureole around the largest volume (often early) intrusive phase and may aid in ground preparation for later metasomatic events. Hornfels mineralogy may be zoned with respect to the thermal center, commonly with pyroxenes proximal and biotite more distal. Skarnoid and hornfels often contain abundant fine-grained pyrite or pyrrhotite, but seldom significant amounts of ore-metal sulfides unless it has been overprinted by subsequent hydrothermal events.

2. **Skarn:**
   Skarns are fine to very coarse-grained, often mineralogically complex, calc-silicate or calcic-iron silicate assemblages formed through metasomatism with significant addition of outside components. **Endoskarn** is skarn formed at the expense of intrusive rock, **exoskarn** is skarn formed at the expense of wallrocks to the intrusion, most commonly carbonates. Skarn commonly develops around lesser volume, more fluid-rich intrusive phases and may overprint hornfels or skarnoid to varying degrees. Anhydrous calc-silicate minerals (dominantly pyroxenes and garnets) characterize the early **"prograde"** skarn phase generated during rising temperatures related to magma emplacement. Hydrous calc-silicate minerals (dominantly amphiboles, chlorites, and clays) formed at the expense of predecessor prograde minerals characterize the later **"retrograde"** skarn assemblage. Retrograding occurs as temperatures drop and variable amounts of magmatic fluids and groundwater invade the skarn zone. Sulfides may be co-deposited with the calc-silicates, but more commonly are introduced along structures that cut the skarn, replacing skarn minerals and unskarned wallrocks. Complex mineralized skarn systems typically show multiple intrusive phases and a repetition of sulfides replacing calc-silicates, presumably reflecting successive intrusive and hydrothermal events. In some systems, different compositions of skarn and sulfides characterize each phase (Megaw et al., 1998).

3. **Marbelization and recrystallization:**
   These are present in virtually all CRD systems and range from narrow zones around mineralization to zones 100s of meters wide (Titley & Megaw 1985; Megaw et al. 1988).

4. **Silicification or Jasperoid development:**
   Fine-grained silica replacements of carbonate rocks, with or without appreciable amounts of metals, and are very common in the peripheries of some CRD systems (Titley & Megaw 1985; Megaw et al. 1988).

## 9.0 MINERALIZATION:

### 9.1 General

The Lustdust porphyry-skarn-replacement system is at least 3000 m long and 1000 m wide (Figure 4). The property is systematically zoned from a Mo-Cu-Au Porphyry system to Cu-skarn to Zn-replacement mantos to Ag-Pb-Zn replacement veins developed along en echelon mineralized zones extending away from the porphyry. The entire Lustdust system, outboard of the porphyry, is auriferous (0.5 to >1 g/T Au values are common) and associated with a minimum of three mineralized skarn horizons.

The Canyon Creek Skarn is now known to be zoned over at least 500 m vertically and increasingly shows the polyphase intrusive and mineralization characteristics typical of Cu-Zn skarn-replacement systems throughout the American Cordillera, such as San Martin, Zacatecas, Mexico and Antamina, Peru. So far, despite widespread anomalous values, no significant volumes of porphyry-style mineralization with economic grades have been found.

Principle characteristics of the main mineralized zones may be summarized as follows:

### 9.2 Zn-Pb-As-Sb Vein Zone: Number 1 Zone

The Number 1 Zone, located at the southern end of the property, was the site of the 1944 discovery of mineralization on the property. Here, the limestone and graphitic phyllites are cut by numerous monzonite and felsic dikes. Sulfosalt veins composed of nearly massive pyrite, sphalerite, galena, jamesonite, stibnite, arsenopyrite and freibergite with lesser open-space filling quartz and calcite occur both within the sedimentary rocks and along dike contacts. Dunne and Ray (2002) also report traces of very fine-grained calc-silicates in these bodies. Three separate veins have been recognized, all of which appear to dip steeply west. Felsic dikes are closely related to all three veins, but the veins do extend beyond the dikes in many places. The Number 1 Zone has the strongest structural control of any occurrence on this property. The presence of a regional antiformal crest is likely to be important to the development of significant mineralized zones as is the main fault structure.

Argentiferous Manganese Oxide Mineralization (AMOM) occurs throughout the Number 1-Zone. AMOM is a typical distal alteration product in certain major CRD systems (Megaw, 1998) and the Number 1 Zone is strongly anomalous in Mn (Evans, 1997). Based on inclusion chemistry and mineralogic relationships, Dunn and Ray (2002) suggested that the mineralization in this zone might be related to high sulphidation-type veins. However, the alteration mineralogy and textures of quartz and other gangue minerals do not support the high sulphidation model for these veins.

The principal vein was explored by underground drifting and drilling in the 1945 and 1964-65 seasons. The three ore-shoots (minimum 2 m true widths) above the adit level were reported to grade 3.6 g/t Au, 780 g/t Ag, and 5% combined Pb and Zn with 5% Sb. Historic drilling had notoriously bad recovery problems, so in many cases grade was not reported for potentially significant intersections. Compilation of all available data during the 2003 exploration season clearly indicated that the currently known strike length of the Number 1 Fault exceeds 750 m with a significant mineralized zone developed over approximately 450 m.

### 9.3 Zn-Au-Ag-Pb CRD Mineralization: Number 2, 3, 3 Extension, and 4b-Zones

Mineralization in these zones consists of roughly stratigraphically concordant massive sulfide bodies ("mantos") and their oxidized equivalents. The mantos are best developed along permeable and karsted (?) carbonate beds in close proximity to chlorite-altered mafic tuff beds. The mantos occur through the Number 2 to Number 4b Zones and appear to merge into the Canyon Creek Skarn Zone. Drilling results have failed to find substantial discordant chimney feeders to these mantos, although narrow feeders may have been hit locally (Megaw, 1999). The mantos occur dominantly in structurally thickened and deformed zones along the crests of antiforms. There is some evidence for nesting, or repetition, of mantos in successive limestone beds, giving an overall morphology reminiscent of the stacked "saddle-reef" mantos.

#### Number 2 Zone

The Number 2 Zone is a minor oxidized replacement zone similar to the Number 3 Zone. The Number 2 Zone is located very close to the crest of a regional antiform which lies just north of the Number 2 Zone trenches. Surface sampling indicates an average of 2.3 g/t Au, 109 g/t Ag, 2.16 % Zn and 2.09 % Pb across an average of 5.3 meters true width. This zone has a strike length, based on surface oxidation, of approximately 200 meters. Its continuity at depth is much more problematic as significant intersections have not been obtained from drill holes to date.

**Number 3 Zone**

The Number 3 Zone contains the largest identified CRD resource identified to date at Lustdust. It is thoroughly oxidized to depths of greater than 100 meters from the surface. The style of mineralization may be highly amenable to low cost heap-leach extraction processes.

The thickest portions of this manto zone occur in carbonates surrounding a mafic tuff bed along the crest of a regional-scale antiform. The manto may have the form of an oxidized saddle reef replacement body. Drilling has failed to find a feeder vertically beneath it, suggesting that it was probably fed from one end with fluid migration concentrated along the non-reactive tuff bed. Evans (1997) felt that the conduit for this system was down dip along the west limb of the antiform (possibly with a NW rake). This zone, based on the trace of oxidation exposed in surface trenches, has a strike length exceeding 600 meters. The Number 3 zone appears to weaken to the south, south of the Number 2 Zone trenches. The northern extension of the Number 3 Zone has received very limited exploration, as has the down dip extensions to this mineralization.

**Number 4b Zone**

The Number 4b Zone CRD manto is developed along the 4b Antiform, a tight fold, with 60-degree west dips and a 10-15 degree plunge to the NW. The trace of this fold lies some 300 meters to the west of the Number 3 Zone antiform. The two zones are linked by a north-northwest plunging synform. Mineralization occurs as a series of aligned, discontinuous (?) massive sulfide pods (with sparse calc-silicate minerals) following the crest of the fold and also along the contact between limestone on the east and hornfelsed graphitic phyllites to the west. A mafic tuff horizon within the limestone appears to be a major conduit for fluid movement, as is seen in the Number 3 Zone. The 4b Zone is, however, essentially unoxidized: sphalerite, arsenopyrite, coarse-grained well-zoned pyrrhotite, and pyrite are prominently displayed in surface trenches along the zone.

**9.4 Canyon Creek Skarn (Number 4 Zone)**

The Canyon Creek Skarn [CCS] or the Number 4 Zone, is the skarn-replacement zone lying north of the 4b Zone. The discovery of this skarn is recent enough that it was not included in Ray and Dawson's (1998) compilation on B.C. skarns. Prior to the 2001 season, this zone had been cut by 41 drill holes (97-9, 10, and 11; LD99-03 through 12; and LD00-02 through 29) and a few trenches (Evans, 1997, 1998; Megaw 1999, 2000). A high percentage of the pre-2001 holes in skarn intercept high-grade Cu-Au mineralization along structures cutting garnet-pyroxene skarn. Some of these mineralized structures were surrounded by zones of dispersed mineralization a few meters wide (Megaw, 1999; 2000).

At shallow levels, the skarn is composed of early coarse-grained green-tan grossular-andradite garnet with minor fine-grained greenish-yellow diopside and rare vesuvianite or pyroxene (Ray et al., 2002). Specularite is locally very common as euhedral plates. At depth, a brown garnet stage crosscuts and overprints the green stage, and at even greater depths, a red-brown garnet stage appears (Megaw, 1999). These minerals replace massive limestone and locally replace intrusives (endoskarn). Drilling in 2001 showed that endoskarn increases with depth (cf. LD01-44, 45). Biotite hornfelsed siliceous phyllite is also overprinted by skarn, especially on the north side of Canyon Creek. Mafic tuff units are altered to distinctive green, banded chlorite-garnet units with 5-15% disseminated pyrite and trace chalcopyrite and sphalerite.

Retrograde hydration of the garnet-diopside skarn also increases with depth. In the retrograde zones, the brown-red, brown and green garnet stages are hydrated to a cream-colored mass of very fine-grained amphibole, chlorite, quartz, and clays or dark grayish-green masses of felted chlorite, locally preserving the shapes of dodecahedral garnet crystals. Retrograde alteration is often accompanied by a dramatic increase in magnetite, both as fine-grained masses and as pseudomorphs after bladed specularite, and increased amounts of chalcopyrite (Megaw, 2000, Ray et al., 2002)

Mineralization in the skarn occurs as Ag and Au-bearing chalcopyrite and bornite with abundant pyrite, variable sphalerite, and rare arsenopyrite and stibnite emplaced along and surrounding structures that cut the skarn (Megaw, 1999). Much of the sulfide replaces skarn silicates. Numerous stages of sulfide mineralization are identified as:

1. Chalcopyrite deposited in interstices and along garnet grain boundaries.
2. Early pyrrhotite (often later pseudomorphed to pyrite) with minor chalcopyrite and locally intergrown with sphalerite.
3. Pyrite or pyrrhotite (pseudomorphed to pyrite) that is brecciated and healed with later sphalerite or replaced by chalcopyrite.
4. Massive to dispersed, banded and chaotic chalcopyrite along structures and replacing adjoining skarn.
5. Magnetite with interstitial chalcopyrite and/or sphalerite, pyrite or pyrrhotite.
6. Sphalerite with chalcopyrite cut by later pyrite veinlets.
7. Massive sphalerite, brecciated and healed by chalcopyrite and sphalerite.

8. Mineralized skarn, brecciated and healed with epithermal style chalcedonic quartz.
9. Calcite veins filled with Au sulfides/sulfosalts cutting skarn.

The skarn silicates tend to end abruptly and massive sphalerite-chalcopyrite-pyrite-pyrrhotite mineralization is locally well-developed along the contact of skarn with recrystallized limestone (marble front). It is near this front that the very high-grade gold grades associated with the 2002 drilling have been recognized (Oliver, 2002). High-grade gold and sulphide-rich replacement bodies may be considered transitional mineralization between the skarn and 4b style of replacement mineralization.

## 10.0 2005 EXPLORATION PROGRAM

The 2005 exploration program was directed toward expanding the known geological resource on the Lustdust property by:

1. Drill testing a large geochemical anomaly 300 metres east of the Canyon Creek Skarn.

2. In-fill drill testing of the Canyon Creek Skarn footwall and hangingwall.

3. Conducting B horizon soil geochemistry surveys north of the Glover Stock intrusive complex, north of the Number 3 Zone, and west of the Number 1 Zone.

4. Re-evaluating the core from diamond drill hole M-1 (2003) for indications of “Carlin” style gold mineralization.

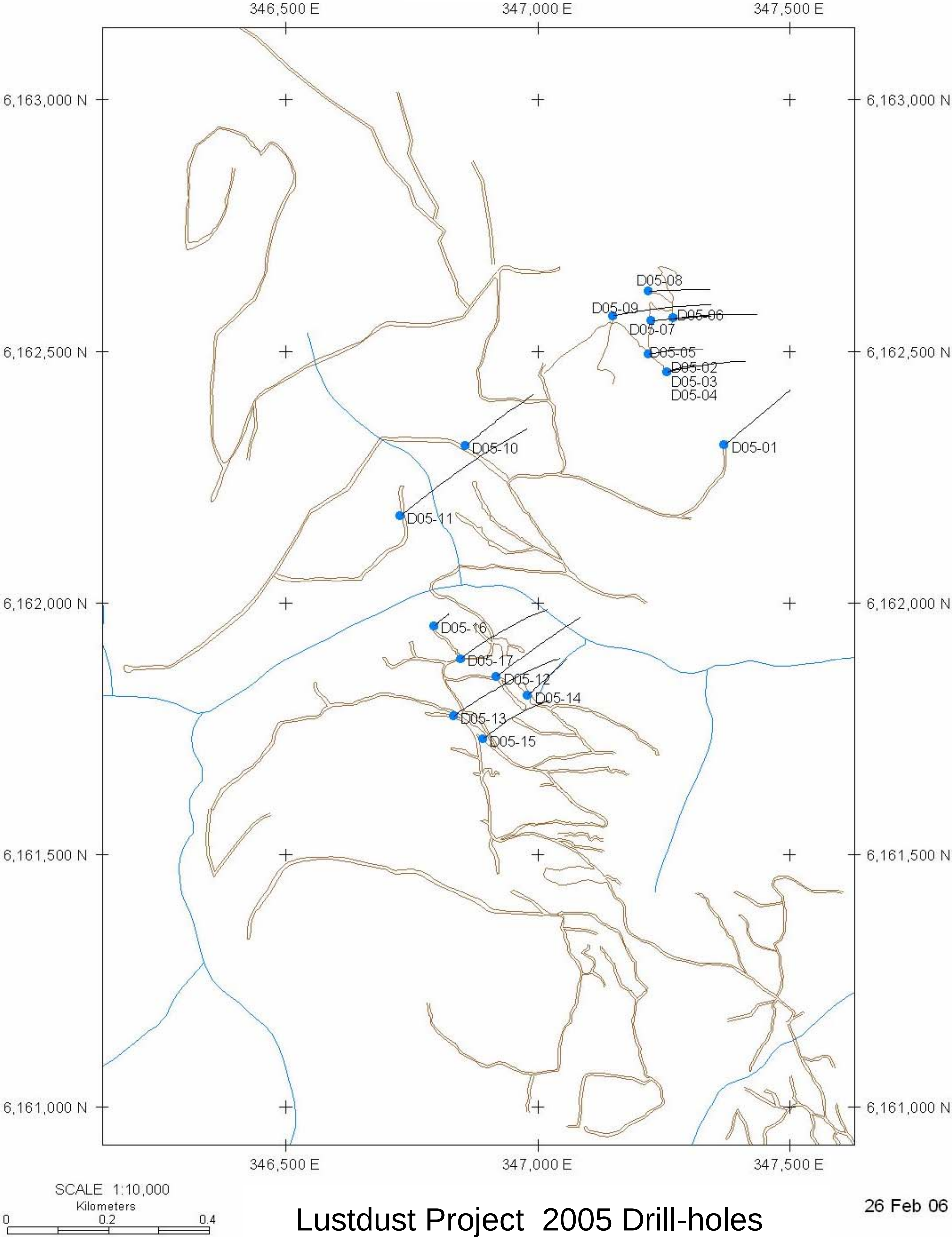
## 11.0 DIAMOND DRILLING PROGRAM

The diamond drilling program utilized a Longyear 38, skid-mounted drill under contract from Britton Bros. Diamond Drilling Ltd. based in Smithers, B.C. Drilling was undertaken using regular wireline equipment.

Access to the drill sites utilized the extensive network of trails existing on the property. New access trails and drill pads were constructed using an excavator under contract with Hat Lake Logging Ltd. of Fort. St. James, B.C.

In total, 5 153 meters of NQ core, distributed among 17 holes, were drilled in the 2005 Lustdust exploration program. Collar locations and projected traces for these boreholes are plotted on Figure 5. Core was logged on site by Daryl J. Hanson, P.Eng. All lithologic, assay, survey and RQD logs are compiled and

Figure 5




Lustdust Project 2005 Drill-holes

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presented in digital form on Compact Disc 1 (CD 1). Tabulated assay data for gold, silver, arsenic, copper, zinc and core recovery for all boreholes is compiled and presented in Appendix I. RQD was the only geotechnical data collected. Digital photographs of the core are also compiled on CD 1.

Upon completion of each hole, the collar was marked with a labeled pole. Drill-hole collars and new access trails were surveyed by Nex Tech of Fort St. James using a GPS system operating in differential mode. In this mode, precision of the UTM location was determined to be less than 3.0 meters. A summary of survey information, including UTM collar co-ordinates, collar elevation, azimuth, dip and total depth is presented in Table 4. .

The attitude of the collar was measured using a Brunton compass with a declination of 23° while down-hole surveys were conducted using a Reflex EZ-Shot digital instrument. Down-hole readings for azimuth, inclination, and magnetic field were taken at approximately 60 metre (200 ft.) intervals in all holes. It should be noted that the EZ-Shot azimuth readings can be influenced by magnetic minerals.

Hole M-1, drilled in 2003 near the Takla Bralorne Mercury Mine, was sampled in six metre intervals by taking 15% of the whole core.

| TABLE 4 | | | | | | |
|---|---|---|---|---|---|---|
| **2005 DRILL HOLE SUMMARY DATA** | | | | | | |
| **DDH-ID** | **UTM E** | **UTM N** | **ELEVATION** | **LENGTH** | **AZIMUTH** | **DIP** |
| LD05-01 | 347368.56 | 6162314.02 | 1391.6 | 267.3 | 50.0 | -55.0 |
| LD05-02 | 347254.97 | 6162459.43 | 1403.5 | 264.2 | 80.0 | -55.0 |
| LD05-03 | 347254.97 | 6162459.43 | 1403.5 | 239.9 | 80.0 | -75.0 |
| LD05-04 | 347254.97 | 6162459.43 | 1403.5 | 47.9 | 80.0 | -75.0 |
| LD05-05 | 347217.56 | 6162494.77 | 1404.3 | 276.4 | 85.0 | -65.0 |
| LD05-06 | 347267.86 | 6162565.84 | 1373.7 | 288.6 | 86.0 | -55.0 |
| LD05-07 | 347223.59 | 6162560.99 | 1393.7 | 276.4 | 85.0 | -65.0 |
| LD05-08 | 347217.77 | 6162618.58 | 1375.8 | 282.5 | 86.0 | -65.0 |
| LD05-09 | 347147.42 | 6162571.30 | 1411.2 | 386.2 | 80.0 | -60.0 |
| LD05-10 | 346854.83 | 6162312.06 | 1395.9 | 261.2 | 50.0 | -50.0 |
| LD05-11 | 346726.46 | 6162173.13 | 1359.7 | 441.0 | 50.0 | -45.0 |
| LD05-12 | 346917.02 | 6161853.57 | 1346.6 | 456.3 | 50.0 | -65.0 |
| LD05-13 | 346830.73 | 6161775.86 | 1377.6 | 566.0 | 55.0 | -65.0 |
| LD05-14 | 346979.18 | 6161817.47 | 1337.3 | 238.4 | 46.0 | -65.0 |
| LD05-15 | 346889.65 | 6161730.26 | 1378.1 | 356.1 | 50.0 | -65.0 |
| LD05-16 | abandoned | | 1355.9 | 94.5 | 50.0 | -65.0 |
| LD05-17 | 346837.43 | 6161892.53 | 1364.9 | 410.0 | 50.0 | -60.0 |

### 11.1 Core Sampling Procedures

Assay intervals were determined by the author at the time of logging. The intervals, ranging from 0.5 to 2.0 meters in length, were based on a combination of alteration, mineralogy, and lithology.

The core from each assay interval was split in half with a hydraulic core splitter. The splitting was done in a representative manner under the supervision of the author and there are no known biases in the samples. Half the core from each interval was double-bagged and the other half was returned to the core box for storage. Four-part tags were used to label the samples - two parts were sent to the laboratory, one part was stapled into the core box at the end of the sample interval and one part was retained in the sample book. Samples were stored in a secure location on-site and then transported directly to the laboratory by Mr. R. Whatley, a director of Alpha Gold Corp.

### 11.2 Core Sample Analyses

Samples were assayed at ALS Chemex Laboratories Ltd. in Vancouver, using a standard 34 element ICP package plus a 30 gram Au fire assay with an AA finish. Atomic Absorption analyses were performed on all over-limits Ag, Cu, Zn, and Pb samples. Over-limit Au samples were analyzed by a 30 gram fire assay with a gravimetric finish. A complete description of ALS Chemex analytical techniques for ICP-AES and assay procedures is presented in Appendix II and the Certificates of Analysis are attached as a folder in CD1. ALS Chemex is an ISO 9002 certified laboratory.

No specific gravity determinations were made during the 2005 program.

### 11.3 Data Verification

Standards and blanks were included in the sample stream every 20 samples as a measure of quality control. The ore reference standard used was CDN-CGS-2 prepared by CDN Resource Laboratories Ltd. of Delta, B.C. This standard has a recommended copper concentration value of 1.177 +/- 0.046% and a recommended gold concentration of 0.97 +/- 0.092 g/t with 95% confidence. A complete description of the origin, preparation and analysis of CDN-CGS-2 is attached as Appendix III.

The results of the analyses of standard and blank samples are shown in the assay logs (Appendix I). The arithmetic mean of 29 analyses of CDN-CGS-2 was 1.19% Cu and 0.973 g/t Au with a standard deviation of 0.015% for copper and 0.065 g/t for gold. The arithmetic mean of 29 blank analyses was 0.013% Cu and 0.008 g/t Au with a standard deviation of 0.009% for copper and 0.002 g/t for gold.

No duplicate samples were submitted to ALS Chemex and there were no duplicate analyses performed by other laboratories.

The author also checked the assay results by comparing them to the visual mineral estimations in the lithologic log.

The down-hole survey data was visually inspected for spurious readings caused by anomalously high magnetic field values. Any such readings were deleted from the database.

### 11.4 Reclamation

Upon completion of each hole the drill site was contoured using an excavator and seeded by hand with a roadside vegetation mix containing 20% Creeping Red Fescue, 20% Annual Ryegrass, 10% Perennial Ryegrass, 5% Kentucky Bluegrass, 18% Tall Fescue, 5% Orchard-grass, 10% Timothy, 2% White Clover, and 10% Single Cut Red Clover with the legumes inoculated. Felled timber around the site was limbed, lopped and either scattered or buried.

Felled timber along drill access trails was limbed, lopped and scattered and any exposed soil was seeded with the roadside vegetation mix. Water-bars were installed on the trails where appropriate.

All core boxes were labeled with metal tags, cross-stacked on logs pads, covered with plywood, and wrapped with chicken wire. Split boxes were stacked separately for easier access. The core is all stored on-site at the old Takla Silver Mine entrance.

### 11.5 Diamond Drilling Results: East Zone

**LD05-01** intersected scattered veinlets mineralized with variable amounts of pyrite, arsenopyrite, galena, sphalerite, quartz, and calcite. No significant mineralized zones were encountered.

**LD05-02** intersected three, weakly mineralized prograde skarn bands and one massive sulphide band within a thick sequence of biotite hornfelsed siliceous phyllite and minor limestone. The massive sulphide band from 93.7 to 94.8 metres contains 70% pyrite, 20% sphalerite and 1% chalcopyrite and grades 1.705 g/t gold, 24.9 g/t silver, 10.35% zinc and 0.24% copper. The interval from 209.1 to 212.1 contains veins with variable amounts of pyrite, chalcopyrite and arsenopyrite and grades 1.620 g/t gold and 13.3 g/t silver within biotite hornfelsed siliceous phyllite.

**LD05-03** encountered three massive sulphide bands within a sequence of siliceous phyllite that has been biotite hornfelsed to 125.1 metres down-hole. The massive pyrite band from 43.9 to 45.5 metres graded 1.312 g/t gold and 7.7 g/t silver (a void was encountered between 41.8 and 43.9 metres). A band with 30% pyrite, 20% pyrrhotite, 1% chalcopyrite and 20% retrograde skarn between 51.9 and 53.1 metres graded 0.14% copper. A band with 90% pyrite and 10% limestone from 211.7 to 212.7 graded 1.495 g/t gold and 2.8 g/t silver.

**LD05-04** was drilled to confirm the void encountered from 41.8 to 43.9 metres in LD05-03. A massive pyrite band was cored from 43.3 to 44.9 metres grading 1.335 g/t gold and 14.4 g/t silver (a void was encountered from 40.4 to 43.3 metres.

**LD05-05** encountered two massive sulphide bands. The band from 170.6 to 172.9 metres contains 90% pyrite, 0.5% chalcopyrite, and 4% sphalerite and grades 3.661 g/t gold, 56.8 g/t silver, 013% copper and 0.13% zinc. The band from 189.6 to 191.5 metres contains 70% pyrite, 5% chalcopyrite, 5% sphalerite, and 10% limestone fragments and grades 2.255 g/t gold, 54.1 g/t silver, 0.77% copper, and 2.66% zinc. The hole also contained numerous, geochemically anomalous zones of prograde skarn and quartz-sericite altered siliceous phyllite.

**LD05-06** did not intersect any significant mineralized zones. Minor veinlets mineralized with variable amounts of pyrite, marcasite(?), arsenopyrite, and sphalerite were encountered in monzo-diorite at the end of the hole.

**LD05-07** intersected one massive sulphide zone and an interval of limestone with pyrite and arsenopyrite mineralization. The massive sulphide zone from 190.5 to 191.7 metres contains 90% pyrite, 3% chalcopyrite, and 2% arsenopyrite and grades 1.810 g/t gold, 20.3 g/t silver and 0.24% copper.

**LD05-08** cored one massive sulphide interval from 274.5 to 275.0 containing 70% pyrite and 20% quartz. The interval from 274.0 to 275.3 graded 2.390 g/t gold and 10.5 g/t silver. Narrow intervals of biotite hornfelsed siliceous phyllite between 163.2 and 171.0 metres containing veins and veinlets with variable amounts of pyrite, arsenopyrite and sphalerite are geochemically anomalous in gold.

**LD05-09** did not intersect any significant mineralized zones. Anomalous gold and arsenic was encountered, however, in several intervals associated with siliceous massive pyrite, with prograde skarn with magnetite and pyrite mineralization, and with quartz-sericite altered siliceous phyllite.

### 11.6 Diamond Drilling Results: Canyon Creek Skarn and Canyon Creek Skarn Footwall Zones

**LD05-10** cored numerous prograde and minor retrograde skarn bands within a sequence of biotite hornfelsed siliceous phyllite. A pyrite-chalcopyrite mineralized prograde skarn band with minor quartz-sericite altered siliceous phyllite from 217.2 to 218.7 metres graded 0.957 g/t gold 15.5 g/t silver and 0.65% copper. An interval of pyrite-chalcopyrite-magnetite prograde skarn from 234.5 to 236.0 metres graded 3.450 g/t gold, 72.5 g/t silver and 2.71% copper.

**LD05-11** was collared to test the footwall zone beneath LD05-11. After coming out of the Glover Stock at 198.7 metres, it intersected numerous prograde and retrograde skarn bands within a sequence of biotite hornfelsed siliceous phyllite. A section of weakly pyritic prograde skarn from 329.8 to 331.3 metres graded 22.6 g/t gold.

**LD05-12** cored three mineralized intervals in a phyllite-limestone sequence: a prograde skarn unit from 117.7 to 121.6 metres, with 2% pyrite, 4-6% chalcopyrite, 0.1-2% zinc graded 2.621 g/t Au, 59.6 g/t Ag, 2.59% Cu, and 0.70% Zn; a retrograde skarn unit from 231.2 to 232.9 metres with 10% pyrite, 2-3% chalcopyrite, and 0.5% sphalerite graded 1.115 g/t Au, 48.5 g/t Ag, 1.24% Cu, and 0.23% Zn; and a retrograde skarn unit from 278.5 to 279.2 metres containing 1-2% chalcopyrite, 1% sphalerite, and trace amounts of pyrite (the interval from 278.5 to 279.5 metres graded 1.190 g/t Au, 38.6 g/t Ag, 1.86% Cu, and 0.38% Zn).

**LD05-13** encountered two significantly mineralized intervals in a phyllite-skarn sequence: a prograde skarn from 277.9 to 279.5 metres with 10% pyrite and 5% chalcopyrite grading 2.200g/t Au, 17.1g/t Ag, and 1.56% Cu; and a retrograde skarn from 379.1 to 388.4 metres with 1-3% pyrite and 0.5-2% chalcopyrite (the interval from 381.3 to 387.2 grades 1.136g/t Au, 25.5g/t Ag and 1.01% Cu).

**LD05-14** intersected four significantly mineralized intervals in a skarn-phyllite-limestone sequence: a retrograde skarn interval with 7-15% pyrite, 5-75% magnetite and 1% chalcopyrite from 35.4 to 38.3 metres grading 2.550g/t Au, 11.4g/t Ag, and 0.33% Cu; a breccia zone in incipiently quartz-sericite altered phyllite with 5% chalcopyrite from 54.8 to 56.2 metres grading 1.355g/t Au, 167.0g/t Ag, 2.01% Cu, and 0.46% Zn; a prograde skarn unit from 59.2 to 62.5 metres with 0.5% pyrite and 1% chalcopyrite (the interval from 59.2 to 61.7 grades 0.927 g/t Au, 32.0g/t Ag and 1.79% Cu); and a unit of massive sulphide from 67.4 to 68.2 metres with 10% pyrite and 40% sphalerite grading 2.370g/t Au, 114.0g/t Ag 1.32% Cu and 17.25% Zn.

**LD05-15** cored a sequence of phyllite-skarn-limestone-mafic tuff with one significant intersection. A unit of prograde skarn from 321.9 to 323.8 metres with 4% chalcopyrite, 2% pyrrhotite, 0.5% sphalerite, and trace pyrite grades 4.360g/t Au, 87.8g/t Ag, 3.82% Cu and 0.48% Zn from 322.7 to 323.3 metres.

**LD05-16** was abandoned at 94.5 metres due to badly broken ground.

**LD05-17** intersected four significant mineralized sections in a sequence of phyllite-skarn-mafic tuff-limestone: a unit of prograde skarn from 372.7 to 381.2 metres contains 2-10% pyrite and 2-12% chalcopyrite and grades 2.705g/t Au, 85.1 g/t Ag, and 2.13% Cu (including 3.0 metres of 5.720g/t Au, 186.5g/t Ag, and 4.65% Cu from 372.7 to 375.3 metres); a mixed interval of prograde skarn-retrograde skarn-massive sulphide-limestone from 344.0 to 352.9 metres contains 0.5-20% pyrite, 2-3% chalcopyrite and 0-10% magnetite with an average grade of 1.685g/t Au, 52.0g/t Ag and 1.35% Cu; a unit with incipient prograde skarn from 314.0 to 315.5 metres with 1% pyrite and 1% chalcopyrite grades 1.060g/t Au, 20.9g/t Ag and 1.10% Cu; and an interval of retrograde skarn from 135.4 to 138.5 contains 5% pyrite and 1% chalcopyrite and grades 1.489g/t Au, 4.8g/t Ag and 0.40% Cu.

## 12.0 SOIL GEOCHEMICAL SURVEY

B-horizon soil geochemical surveys were conducted in three main areas in 2005. The Dream Creek Grid was expanded to the northwest and southeast, and a new grid was started in the area south of the known mineralized zones (the Kwanika Creek Grid). A total of 587 samples was collected along 29.4 kilometres of gridline.

Grid position was established by a compass with 23° declination and a hip-chain. Soil sample locations were marked with line and station numbers on metal tagged pickets every 50 meters on lines 100 meters apart. Control of the grid position was achieved by acquiring GPS readings at stations along the line as conditions permitted.

All three grids cover areas of over-mature balsam forest and moderately to well drained soils with a good B-horizon soil underneath 10-30 cms of organic A-horizon.

### 12.1 Sampling Method

Samplers received on-the-job training in the techniques of B-horizon soil sampling. Sample horizons were identified and the rationale for collecting B-horizon soils was outlined. Sufficient sample was taken to fill a kraft soil sample bag. Field notes were taken for each sample describing the sample depth, horizon sampled, soil color, slope, and slope direction.

### 12.2 Field Sample Preparation and Security

Samples were air dried and stored in a secure location until they could be transported to the laboratory by Mr. R. Whatley, a director of Alpha Gold Corporation.

### 12.3 Analyses and Testing Procedures

Samples were assayed at ALS Chemex Laboratories Ltd. in Vancouver, using a standard 34 element ICP package plus a 30 gram Au fire assay with an AA finish. A complete description of ALS Chemex analytical techniques for ICP-AES and assay procedures is presented in Appendix II and the Certificates of Analysis are attached as a folder in CD1. ALS Chemex is an ISO 9002 certified laboratory.

### 12.4 Data Verification

No external standards were included with the soil geochemistry samples for analysis by ALS Chemex.

Random field checks were conducted by the author to ensure that samples were obtained from the proper locations and from the B-horizon.

### 12.5 Soil Geochemistry Results

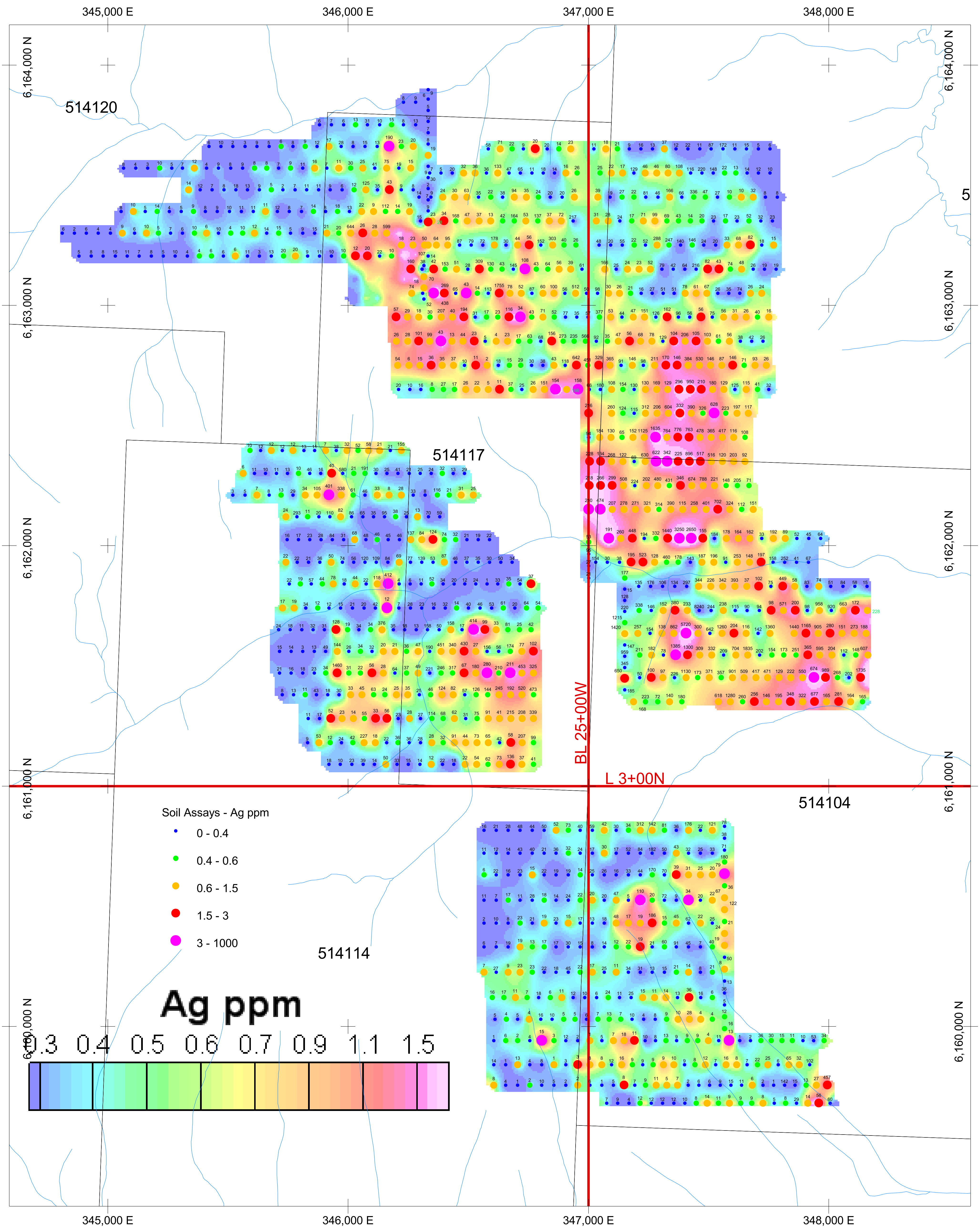
Soil geochemistry results from 2004 and 2005 for silver, arsenic, gold, copper and zinc are displayed on Figures 6, 7, 8, 9 and 10 respectively.

The most outstanding feature identified on the Dream Creek Grid is a large, multi-element, north-trending anomaly between 347750E and 348250E about 300 meters east of the Canyon Creek Skarn Zone between lines 7N and 21N. This entire area is anomalous in arsenic and partially anomalous in gold, silver and copper. The anomaly was partly identified in 2004 and now appears to be closed off in all directions. The northern portion of this anomaly was drill tested in 2005. The portion of this anomaly south of Canyon Creek is also strongly anomalous in zinc with reported values ranging up to 4920 ppm.

The second most prominent anomaly on the Dream Creek Grid is located about 1000 meters northwest of the Canyon Creek Skarn Zone between lines 22N and 27N. The area is highly anomalous in copper and moderately anomalous in silver. The anomaly was partly identified in 2004 and now appears to be closed off in all directions.

A weak copper anomaly was identified on the Kwanika Creek Grid.

Figure 6




Lustdust Project 2004-2005 Soil Geochemistry

25 Feb 06

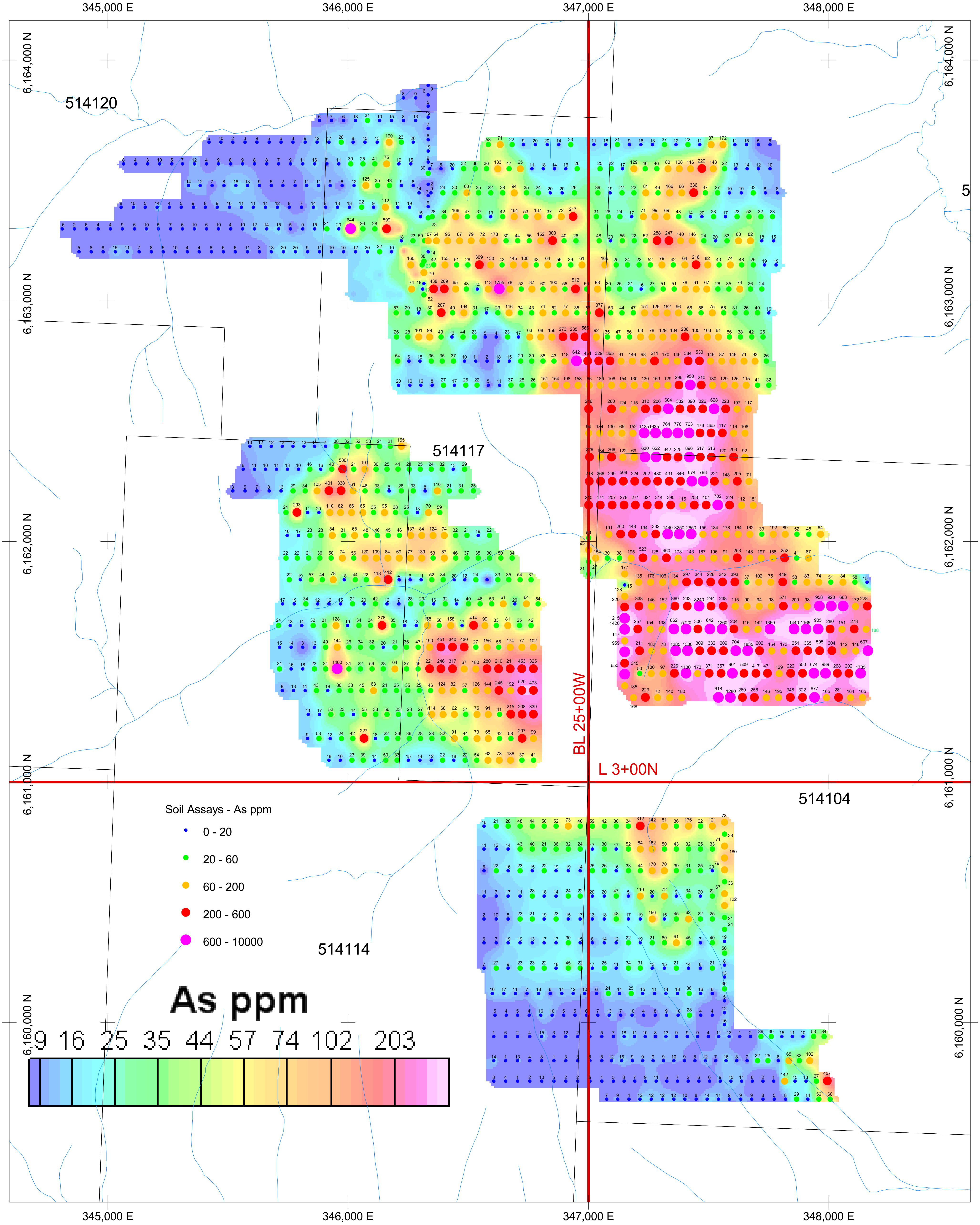
SCALE 1:15,000

Kilometers

0 0.5 1 1.5

N

# Figure 7




## Lustdust Project 2004-2005 Soil Geochemistry

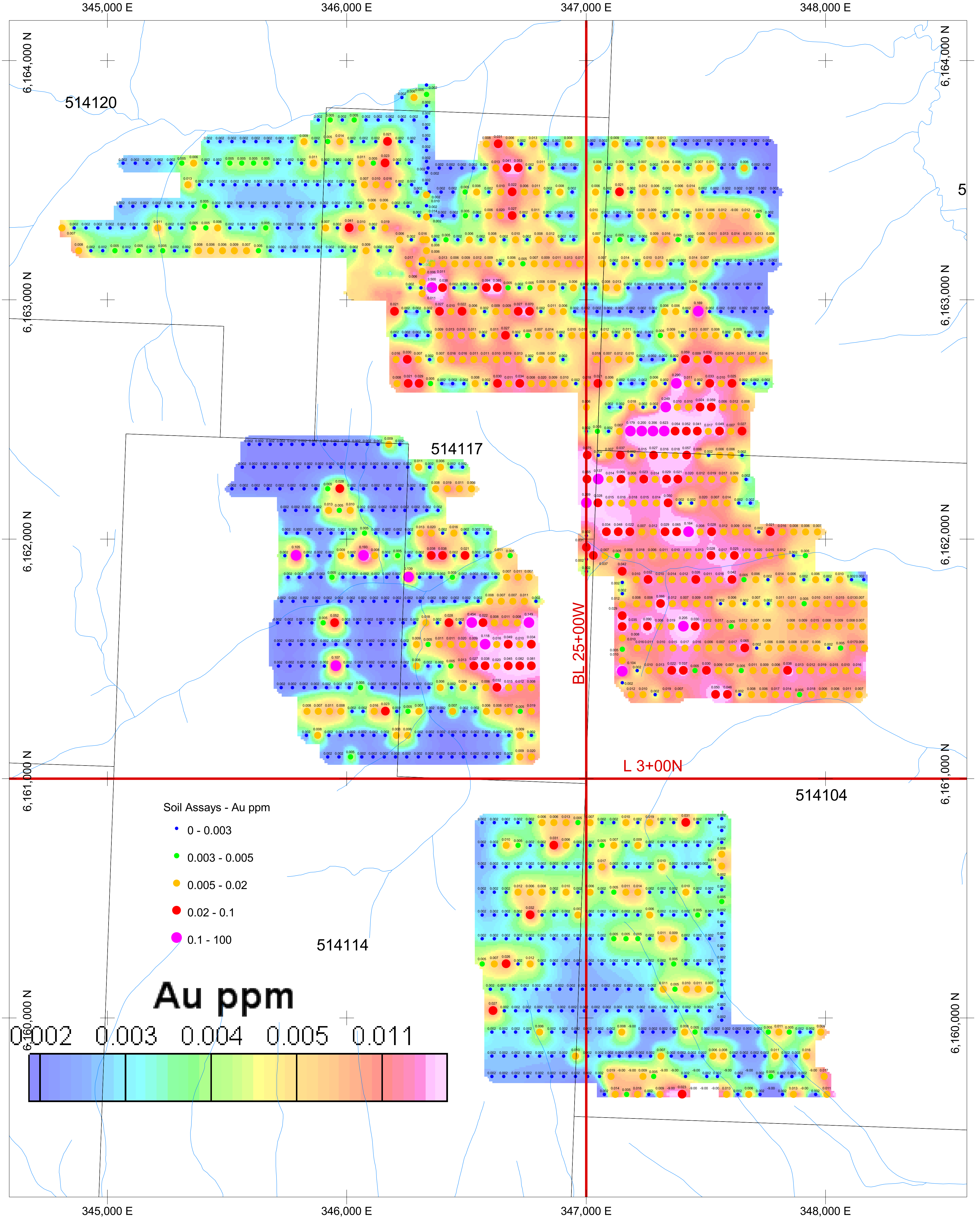
25 Feb 06

SCALE 1:15,000

Kilometers

0 0.5 1 1.5

Figure 8




Lustdust Project 2004-2005 Soil Geochemistry

25 Feb 06

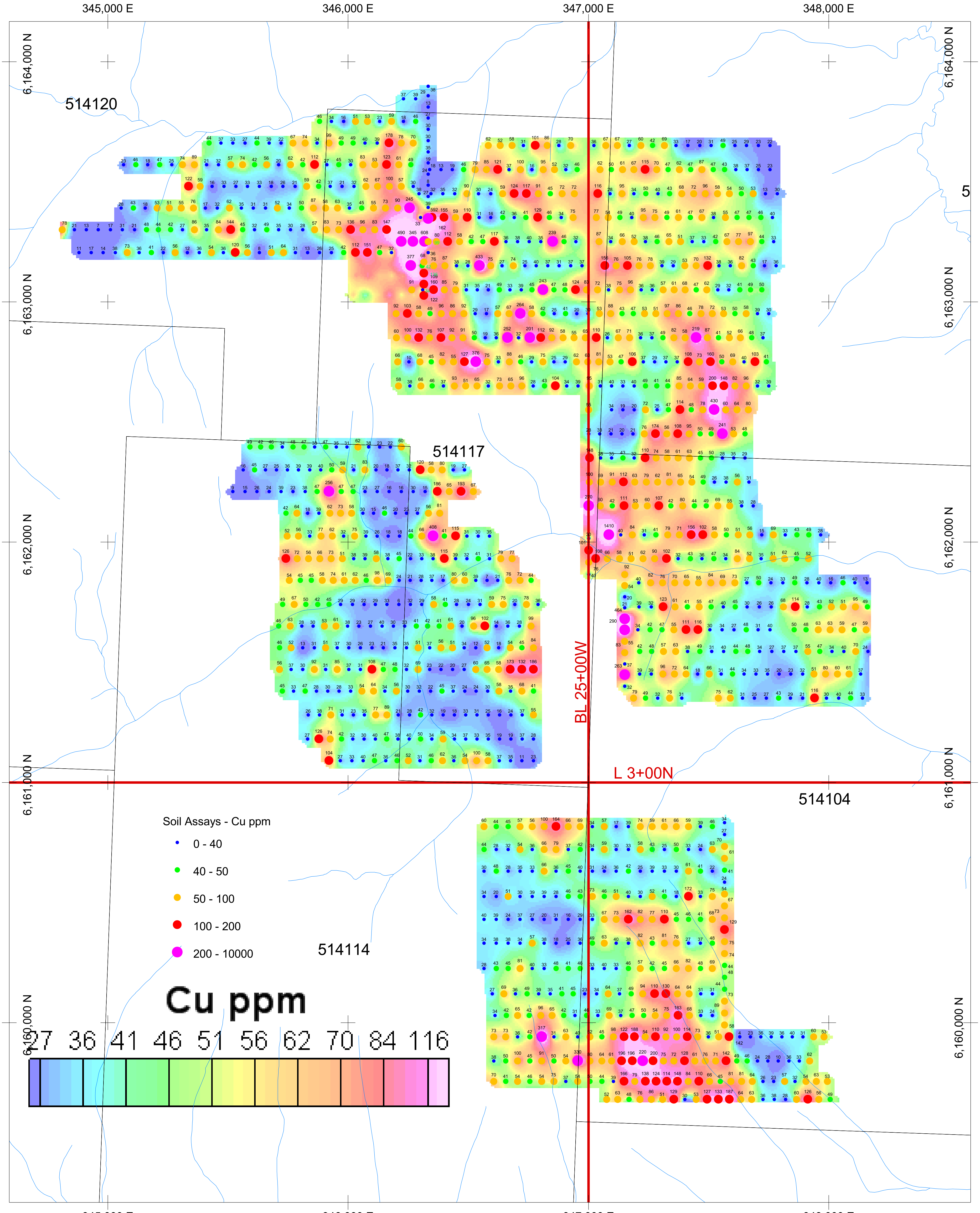
SCALE 1:15,000

Kilometers

0 0.5 1 1.5

N

Figure 9




Lustdust Project 2004-2005 Soil Geochemistry

25 Feb 06

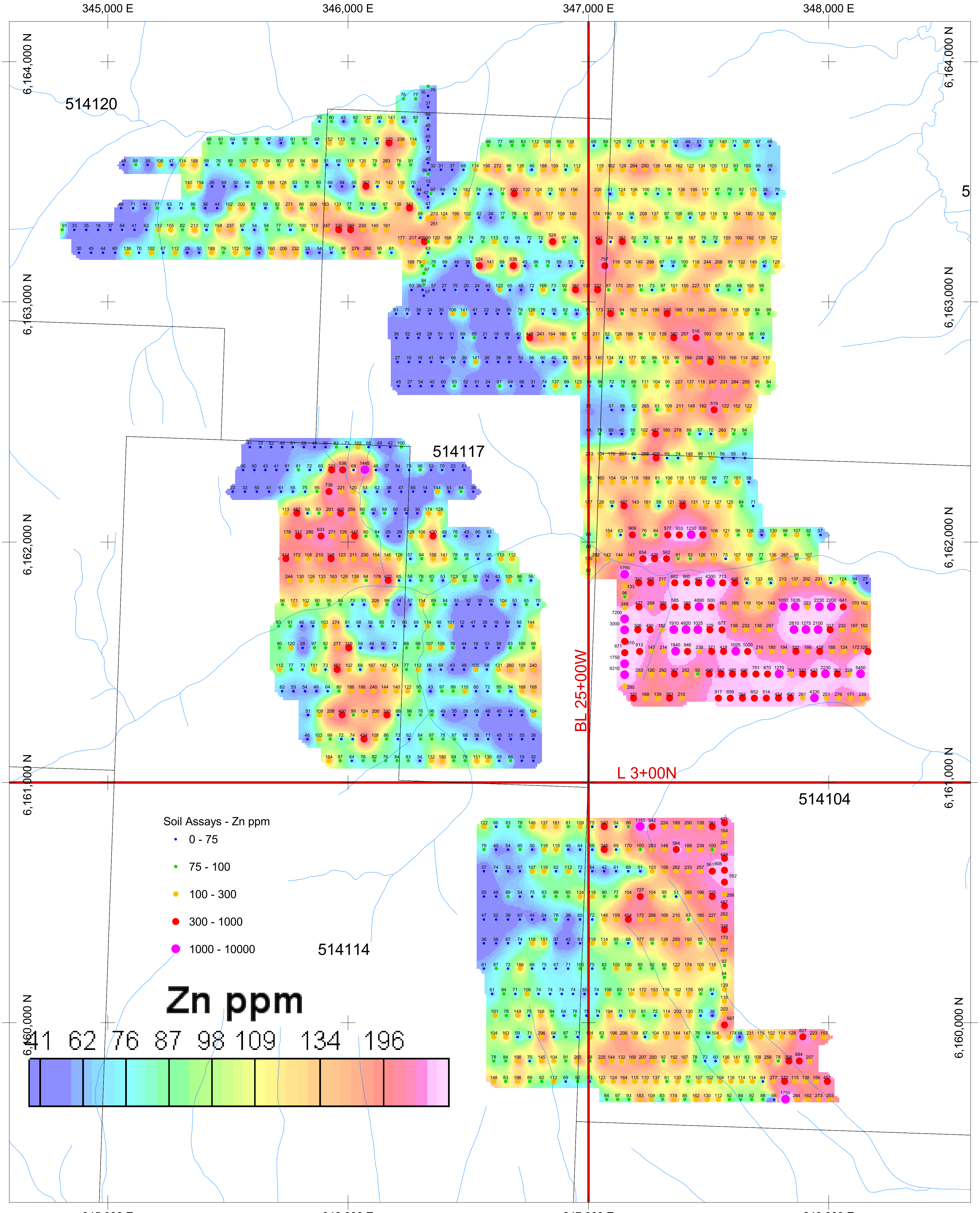
SCALE 1:15,000

Kilometers

0 0.5 1 1.5

N

# Figure 10




Lustdust Property 2004-2005 Soil Geochemistry

25 Feb 06

SCALE 1:15,000

Kilometers

0 0.5 1 1.5

N

## 13.0 INTERPRETATION AND CONCLUSIONS

The 2005 exploration program added significantly to the geological under-standing and mineralized potential of the Lustdust property:

1. Drilling a coincident gold-arsenic soil geochemistry anomaly 300 metres east of the Canyon Creek Skarn Zone resulted in the discovery of the East Zone. The gold-silver-zinc mineralization was tested with nine holes over a length of 150 metres and remains open both along strike and down-dip. The preliminary interpretation is that the zone is a manto similar to the Number 3 and 4B Zones but it could also represent the thin end of a skarn similar to the CCS Zone.

2. Drilling on the Canyon Skarn zone has again indicated that the footwall position of the main skarn front remains a significant target, both along strike to the north and south and down-dip. If fact, limited footwall drilling indicates that there are multiple footwall skarns.

3. Drill-hole deviation creates serious problems related to the geological interpretation and resource estimate of the mineralized bands in the Canyon Creek Skarn Zone. Down-hole surveys have shown that holes can deviate as much as 150 metres from their planned trajectory. Holes drilled prior to 2002 have no down-hole survey data and therefore the location of their mineralized intersections is unknown with sufficient accuracy to allow construction of meaningful geological cross-sections.

4. Skarn contacts are alteration boundaries that can cross lithologic contacts. Therefore, skarn contacts should not be interpreted as being folded when drawing cross-sections.

5. The strong zinc-arsenic+/-gold soil geochemistry anomaly east of the Number 4b zone and north of the Number 3 zone is interpreted as a sub-outcropping zinc rich manto similar to the Number 3 or 4b zones.

6. The copper-silver soil anomaly at the north end of the Glover Stock is interpreted as sub-outcropping, skarn related mineralization.

7. Although no anomalous metals were detected in hole M-1, the presence of silicified limestone (jasperoid) is interpreted as a positive indication of the potential for the area to host “Carlin-style” mineralization.

## 14.0 RECOMMENDATIONS

The results of the 2005 exploration warrant a 2006 exploration program as follows:

1. Additional drilling of the East Zone is warranted to follow-up on significant results in holes LD05-02, LD05-03, LD05-05, LD05-07 and LD05-08. The drilling should be directed toward defining the on-strike and down-dip continuity of the mineralization.

2. The Number 3 Oxide Zone requires additional drilling at depth to the north-northwest of LD04-18 and to the south-southeast of DDH 03-30. To improve recovery, future drilling of this zone should experiment with a combination of different polymers and with thin kerf NQ2 bits to penetrate faster with less water and fewer cuttings. The use of a hydraulic drill and a 5 ft. core barrel is also recommended. (Note: This work is remaining from the 2005 recommendations. The work was not undertaken in 2005 due to unavailability of equipment.)

3. The large, arsenic-zinc soil geochemistry anomaly in the southeast portion of the Dream Creek Grid should be aggressively drill-tested. The drilling should focus on the favorable limestone horizon following the trend of the Number 3 Zone.

4. The copper-silver soil geochemistry anomaly at the north end of the Glover Stock on the Dream Creek Grid should be drill-tested.

5. A limited diamond drilling program should be initiated to the west of the Number 4b Zone to test for antiformal closures in the Number 4b Zone similar to those in the Number 3 Oxide Zone, and to test the soil geochemical anomaly on the Upper Canyon Creek Grid. (note: This work was proposed for 2005 but not completed.)

6. A program of systematic 1:2500 scale mapping is recommended for the parts of the soil geochemistry grids that are outside the current limits of mapping.

7. Based on the results of the re-evaluation of hole M-1 and on weak antimony-gold soil geochemistry anomalies from the 2003 program, a program of rotary reverse circulation drilling is recommended for the area north-northwest and south-southeast of the Takla Bralorne Mercury Mine.

8. A computer model of the Canyon Creek Skarn mineralization should be created from the existing database. The model would form the basis of a NI-43-101 resource estimate and would also be used to locate gaps where additional drilling is required.

The costs to complete the recommended exploration program are estimated as follows (all figures in Canadian dollars):

| | | |
|---|---|---|
| 1. | 5,000 m of NQ drilling | $ 500,000 |
| 2. | 3,000 m of RC rotary drilling | $ 150,000 |
| 3. | Assaying | $ 60,000 |
| 4. | Geological (mapping, core logging, reporting) | $ 80,000 |
| 3. | Data base upgrade | $ 10,000 |
| 4. | Soil and rock geochemistry | $ 50,000 |
| 5. | Road construction, environmental Studies and remediation | $ 75,000 |
| 6. | Camp and logistical costs, contingencies, transportation and management | $ 70,000 |
| 7. | Computer modeling and NI 43-101 resource estimation | $ 65,000 |
| | **Total:** | **$1,060,000** |

## 15.0 2005 EXPLORATION PROGRAM EXPENDITURES

| | | |
|---|---|---|
| 1. | Diamond drilling | |
| | 5,153 metres @ $100/m (all inclusive cost) | $515,300 |
| 2. | Geochemical Analyses | |
| | 1,270 samples @ $25/sample | $31,750 |
| 3. | Transportation | |
| | 2 - 4X4 pickup trucks including fuel | |
| | 120 days @ $75/day | $9,000 |
| 4. | Alpha camp cost | |
| | 191 mandays @ $63.93/day | $12,210 |
| | Atco trailer rental plus mobe and demobe | $10,000 |
| 5. | Drill site preparation, access construction, reclamation | |
| | (Cat 322 excavator) | |
| | 135 hrs @ $138.52/hr | $18,700 |
| 6. | Field Wages | |
| | D. Hanson - Geologist | |
| | 56 days @ $450/day | $25,200 |
| | E. Hopson - Soil sampling and core splitting | |
| | 51 days @ $160/day | $8,160 |
| | J. Heinrichs - Soil sampling and core splitting | |
| | 41.5 days @ $160/day | $6,640 |
| | A. Sief - Soil sampling | |
| | 42 days @ $170/day | $7,140 |
| 7. | Miscellaneous field costs | $2,000 |
| 8. | Report | |
| | D. Hanson - Geologist | |
| | 13 days @ $500/day | $6,500 |
| | TOTAL | $652,600 |

## 16.0 REFERENCES


**ALBINO, G.V. (1987):** The Pinchi Mercury Belt, central British Columbia: near-surface expression of a Mother Lode-type mineralized system. *Geological Society of America*, Abstracts with Programs, **19:7**, A141-142.

**BUTLER, D. B., & JARVIS, K.D.G. (2000):** Report on the 2000 Magnetometer survey over the LustDust Property. Whytecliff Geophysics Ltd. Report to Alpha Gold Corp., July 14, 2000, 11p.

**DUNN, K.P.E. and RAY, G.E. (2002):** Constraints on fluid evolution at the Polymetallic Lustdust Porphyry-Skarn-Manto-Vein prospect, North Central British Columbia. British Columbia Ministry of Energy and Mines, Geological Fieldwork 2001, Paper 2002-1, pages 281 – 302.

**EINAUDI, M.T., MEINERT, L.D., AND NEWBERRY, R.J. (1981):** In Skarn Deposits. *In* Economic Geology 75th Anniversary Volume. (B.J. Skinner, ed.) *Econ. Geol. Pub. Co*., El Paso, TX. 317-391

**EVANS, G. (1996):** Exploration of the Lustdust Property, Geology and Geochemical Report. Teck Corp. 18.

**EVANS, G. (1997**): Diamond Drilling and Geochemical Report on the 1997 Exploration of the Lustdust property. Teck Corp. 16.

**GABRIELESE, H., AND YORATH, C.J., eds. (1992):** Geology of the Cordilleran Orogen in Canada. *Geological Society of America*, **DNAG G-2**, 875.

**GRAF, A. (1997):** *Geology and porphyry-style mineralization of the Cerro de la Gloria stock associated with high-T, carbonate-hosted Zn-Cu-Ag (Pb) skarn mineralization, San Martin District, Zacatecas, Mexico.* Unpubl. M.S. thesis, University of Arizona, Tucson, Arizona, 123p.

**HANSON, D.J. (2005):** 2004 Diamond Drilling and Soil Geochemistry Program, Lustdust Property, Omineca Mining Division, British Columbia, Canada.

**HEDENQUIST, J.W. and ARRIBAS, A., Jr. (1999):** Epithermal gold deposits: I. hydrothermal processes in intrusion-related systems, and II. Characteristics, examples and origin of epithermal gold deposits, in Molnar, F., Lexa, J. and Hedenquist, J.W. (eds.) Epithermal Mineralization of the Western Carpathians: Society of Economic Geologists, Guidebook Series, v. 31, p. 13-63.

**MacINTYRE, D.G., AND STRUIK, L.C. (1999):** Nechako NATMAP Project, central British Columbia 1998 Overview British Columbia Geological Survey, Geological Fieldwork 1998, paper 1999-1 (downloaded from BCGS website, August, 1999).

**MEGAW, P.K.M. (1998):** Carbonate-hosted Pb-Zn-Ag-Cu-Au replacement deposits: An exploration perspective. *In* Mineralized intrusion-related skarn systems (Lentz, D.R., ed*.). Mineralogical Association of Canada, Short Course Series* **26**, 337-358.

**MEGAW, P.K.M., BARTON, M.D., and GRAF, A. (1998):** Polyphase skarn mineralization associated with a polyphase differentiated composite intrusion, San Martin-Sabinas District, Zacatecas, Mexico. *Geological Association of Canada/Mineralogical Association of Canada (GAC/MAC) May, 1998 Meeting, Quebec, Quebec, Abstracts*, A122

**MEGAW, P.K.M., RUIZ, J., AND TITLEY, S.R. (1988):** High-temperature, carbonate-hosted, Pb-Zn-Ag massive sulfide deposits of Mexico: An overview. *Econ. Geol.* **83**, 1856-1885.

**MEGAW, P.K.M., (1999):** Report on 1999 Drilling and Geological Study of the Lustdust Property, Omineca Mining Division, British Columbia, Canada: Alpha Gold Corp, October 14, 1999, 41.

**MEGAW, P.K.M., (2000):** Report on 2000 Drilling and Geological Study of the Lustdust Property, Omineca Mining Division, British Columbia, Canada: Alpha Gold Corp, October 14, 2000, 42.

**MEGAW, P.K.M. (2001):** Report on 2001 Drilling and Geological Study of the Lustdust Property, Omineca Mining Division, British Columbia Canada, 50 pages.

**MEINERT, L.D. (1995**): Compositional variation of igneous rocks associated with skarn deposits **-** Chemical evidence for a genetic connection between petrogenesis and mineralization. *In* Magmas, fluids, and ore deposits (J.F.H. Thompson, ed.). *Min. Assoc. Can. Short Course Series* **23,** 401-418.

**MEINERT, L.D. (1999):** Skarns and skarn deposits: Summary and weblinks. Skarn Website. http://www.edu:8000/~meinert/skarnhp.html.

**MONGER, J.W.H. (1977):** Upper Paleozoic rocks of the western Canadian Cordillera and their bearing on Cordillera evolution. *Canadian Journal of Earth Science*, **14**, 1832-1859.

**MORRIS, H.T. (1968):** The Main Tintic Mining District, Utah. *In* Ore Deposits of the United States, 1933-1967 (J.D. Ridge ed.). Amer. Inst. Mining Eng. **2,** 1043-1073.

**OLIVER, J. L. (2002):** Report on 2002 Exploration and Diamond Drilling Lustdust Property. Private internal report to Alpha Gold Corp., 62 pages**.**

**OLIVER, J. L. (2003):** Report on 2003 Exploration and Diamond Drilling Lustdust Property. Private internal report to Alpha Gold Corp., 109 pages**.**

**PATERSON, I.A. (1977):** The geology and evolution of the Pinchi Fault Zone at Pinchi Lake, central British Columbia. Canadian Journal of Earth Science, **14**, 1324-1342.

**PRESCOTT, B. (1916):** The Main Mineral Zone of the Santa Eulalia District. *Am. Inst. Mining Eng. Trans.* **51,** 57-99.

**PRESCOTT, B. (1926):** The underlying principles of the limestone replacement deposits of the Mexican Province. *Engr. Min. Jour.* **122,** 246-253, 289-296.

**RAY, G.E. (2002):** Geological work completed at the Lustdust Property and in some surrounding areas, Central British Columbia, (093N/11W). Private internal report to Alpha Gold Corp., 24 pages.

**RAY, G.E. AND WEBSTER, I.C.L. 1997:** Skarns in British Columbia; British Columbia Ministry of Employment and Investment, Bulletin 101, 260 pages.

**RAY, G.E., AND DAWSON, K.M., 1998,** Mineralized skarns in the Canadian Cordillera, In Mineralized intrusion-related skarn systems (Lentz, D.R., ed.), *Mineralogical Association of Canada*, Short Course Series **26**, Quebec City, 1998, p. 475-518.

**RAY, G.E., WEBSTER, I.C.L., MEGAW, P.K.M., MCGLASSEN, J.A. AND GLOVER, J.K. (2002):** The Lustdust property in central British Columbia: a polymetallic zoned porphyry – skarn – manto – vein system; in Geological Fieldwork 2001, British Columbia Ministry of Energy and Mines, Paper 2002 –1 pages 257 – 280.

**SANO, H., AND STRUIK, L.C. (1997**): Field properties of the Pennsylvanian-Lower Permian limestones of the Cache Creek Group, northwest of Fort St. James, British Columbia. *Geological Survey of Canada*, Current Research **1997-A**, 85-73.

**SCHIARIZZA, P., AND MacINTYRE, D.G. (1999):** Geology of the Babine Lake-Takla Lake area, central British Columbia (93K/11,12,13,14; 93N/3,4,5,6. British Columbia Geological Survey, Geological Fieldwork 1998, paper **1999-1** (downloaded from BCGS website, August, 1999).

**SCHIARIZZA, P. (2000):** Bedrock geology and Mineral occurrences, Old Hogem (Western part). British Columbia Geological Survey, Open File 2000-33, scale 1:100,000.

**SOREGAROLI, A. (1999):** Memo on regional geological, geochemical, and geophysical studies performed in the Lustdust area by research institutions. Report to Alpha Gold Corp., October, 1999.

**TITLEY, S.R. (1993):** Characteristics of High temperature carbonate-hosted massive sulfide ores in the United States, Mexico and Peru. *In* Mineral Deposit Modeling (R.V. Kirkham, W.D. Sinclair, R.I. Thorpe, and J.M. Duke, eds.). *Geol. Assoc. Can.* Special Paper **40**, 585-614.

**TITLEY, S.R., AND MEGAW, P.K.M. (1985**): Carbonate-hosted ores of the Western Cordillera: an overview. *A.I.M.E. Preprint* **85-115**, 17p.

**TITLEY, S.R., AND MEGAW, P.K.M. (1995):** The setting and genesis of high-temperature, massive, carbonate-hosted replacement ores. Society of Economic Geologists International Field Conference on Carbonate-hosted Lead-Zinc Deposits, St. Louis Missouri, June 3-6, 1995, Extended Abstracts, 314-316.

## 17.0 CERTIFICATE OF AUTHOR

I, Daryl J. Hanson, P.Eng., do hereby certify that:

1. I am a consulting geologist and the sole proprietor of

   In-Depth Geological Services
   16575 Quick East Road
   Telkwa, B.C.
   Canada. V0J 2X2.

2. I hold an BASc degree, conferred by the University of British Columbia in 1971.

3. I am a member, in good standing, of the Association of Professional Engineers and Geoscientists of British Columbia.

4. I have worked as a geologist for over thirty years in the fields of exploration, mine development and mine operations.

5. I am responsible for (subject to the points noted in the "Disclaimer") the preparation of the report titled **"2005 Diamond Drilling and Soil Geochemistry Exploration Program, Lustdust Property, Omineca Mining Division, British Columbia, Canada"** and dated April 29, 2006 ("the Report").

6. I worked on site at the Lustdust property for 93 days between June 24 and October 8, 2004 and for 64 days between June 11 and October 2, 2005. I had no involvement with the Lustdust property prior to 2004.

7. I am not aware of any material fact or material change with respect to the subject matter of the Report that is not reflected in the Report, which the omission to disclose would make the Report misleading.

8. I have no direct or indirect interest in Alpha Gold Corp.

9. I consent to the use of the Report by Alpha Gold Corp. for any purpose including publication on their website.

Dated this 29th day of April, 2006.


Daryl J. Hanson, P.Eng.
Telkwa, British Columbia, Canada

# Appendix I

# 2005 Diamond Drill-hole Logs

# Survey Log  LD05-01

**UTM Northing:** 6162314.0
**UTM Easting:** 347368.6
**Elevation:** 1391.6
**Length:** 267.3

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip |
|---|---|---|---|---|---|
| 0 | 0 | | 50.0 | | -55.00 |
| 30 | 9.1 | | 50.0 | | -55.00 |
| 477 | 145.4 | | 50.0 | | -48.60 |
| 877 | 267.3 | | 50.0 | | -42.20 |
| | | | | | |
| note: downhole azimuth readings are corrupted- used collar azimuth | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

## Diamond Drill Log LD05-01

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | | |
| 0.0 | 3.7 | OB | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | | |
| 3.7 | 8.3 | SP | | | | | | | | 1 | | 1 | 3 | <1 | tr | tr | | | | | | **Siliceous Phyllite** |
| | | | S1 | 5.6 | 46 | | | | | | | | | | | | | | | | | dk gy/lt gy compositionally laminated phyllite w/ siliceous layers loc brecciated |
| | | | | | | | | | | | | | | | | | | | | | | loc wk sericite, and silica alt'n |
| | | | | | | | | | | | | | | | | | | | | | | PY/PO in stringers and as patches/blebs |
| | | | | | | | | | | | | | | | | | | | | | | Fe oxide on fractures |
| | | | | | | | | | | | | | | | | | | | | | | 7.0-7.1: rubbly w/ gouge |
| | | | | | | | | | | | | | | | | | | | | | | 7.3: PY vn (very irreg) |
| | | | | | | | | | | | | | | | | | | | | | | 8.3-9.8: silica alt'd w/ 6% PY as cubic porphs; rare blebs CP |
| | | | | | | | | | | | | | | | | | | | | | | |
| 8.3 | 9.8 | SPa | | | | | | | | 1 | | 4 | 6 | | tr | | | | | | | **Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | | lt/med gy, silicified phyllite w/ 5-7% PY as porphs to 3mm |
| | | | | | | | | | | | | | | | | | | | | | | tr CP as blebs |
| | | | | | | | | | | | | | | | | | | | | | | |
| 9.8 | 38.0 | SP | | | | tr | | | | 1 | | | 2 | 1 | tr | tr | | | | | | **Siliceous Phyllite** |
| | | | SI | 11.2 | 55 | | | | | | | | | | | | | | | | | dk gy/lt gy compositionally laminated w/ loc pale br tinge |
| | | | SI | 19.7 | 50 | | | | | | | | | | | | | | | | | siliceous layers loc brecciated |
| | | | SI | 23.5 | 55 | | | | | | | | | | | | | | | | | wk loc sericite alt'n; tr loc BI hornfelsing |
| | | | SI | 29.6 | 53 | | | | | | | | | | | | | | | | | PY/PO as patches/blebs and in vnlts |
| | | | SI | 36.5 | 55 | | | | | | | | | | | | | | | | | 14.2: v irreg PY veins |
| | | | | | | | | | | | | | | | | | | | | | | 14.6-14.9: dk gy gouge w/ minor rubble |
| | | | | | | | | | | | | | | | | | | | | | | 18.9: GA+SL irreg veins |
| | | | | | | | | | | | | | | | | | | | | | | 25.8: SL+PY+CA vein; 10-20 cms wide; @ 25° to core axis |
| | | | | | | | | | | | | | | | | | | | | | | minor QZ veining sub parallel to S1 w/ PO blebs |
| | | | | | | | | | | | | | | | | | | | | | | |
| 38.0 | 40.5 | Md | | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | CN | 38.0 | 41 | | | | | | | | | | | | | | | | | pale gy, wkly porphyritic w/15% plag phenos to 4mm |
| | | | CN | 40.5 | 55 | | | | | | | | | | | | | | | | | contacts sub parallel to S1 |
| | | | | | | | | | | | | | | | | | | | | | | minor QZ+PY+CB veining |
| | | | | | | | | | | | | | | | | | | | | | | 38.6-39.0: siliceous phyllite inclusion |
| | | | | | | | | | | | | | | | | | | | | | | |
| 40.5 | 51.5 | SP | | | | 1 | | | | tr | | 1 | 1 | 1 | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 45.1 | 41 | | | | | | | | | | | | | | | | | med gy/lt gy compositionally laminated |
| | | | | | | | | | | | | | | | | | | | | | | siliceous layers generally brecciated |
| | | | | | | | | | | | | | | | | | | | | | | loc wk BI hornfelsing |

# Diamond Drill Log LD05-01

Date: Logged By: DJH Page 2/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **40.5-51.5 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | loc. silica+sericite alt'n |
| | | | | | | | | | | | | | | | | | | | | | PY/PO as blebs and dissems in siliceous layers |
| | | | | | | | | | | | | | | | | | | | | | |
| 51.5 | 52.7 | Md | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | CN | 51.5 | 58 | | | | | | | | | | | | | | | | a/a 38.0-40.5 |
| | | | CN | 52.7 | 55 | | | | | | | | | | | | | | | | contacts are conformable to S1 |
| | | | | | | | | | | | | | | | | | | | | | |
| 52.7 | 67.5 | SP | | | | <1 | | | | <1 | | 1 | 1 | 1 | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 56.8 | 44 | | | | | | | | | | | | | | | | dk gy/lt gy compositionally laminated, moderately phyllitic |
| | | | S1 | 62.5 | 40 | | | | | | | | | | | | | | | | loc silica alt'n |
| | | | | | | | | | | | | | | | | | | | | | 64.0-67.5: irreg white QZ replacement patches |
| | | | | | | | | | | | | | | | | | | | | | PY/PO as blebs/patches in siliceous layers |
| | | | | | | | | | | | | | | | | | | | | | |
| 67.5 | 69.3 | Md | | | | | | | | | | | | 1 | | | | | | | **Monzonite Dyke** |
| | | | CN | 69.3 | 57 | | | | | | | | | | | | | | | | pale gy, fine grained, non-porphyritic |
| | | | | | | | | | | | | | | | | | | | | | upper contact sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower contact sharp, planar, S1 conformable w/ wk chill margin |
| | | | | | | | | | | | | | | | | | | | | | PO as dissems & in rare veins w/ QZ |
| | | | | | | | | | | | | | | | | | | | | | |
| 69.3 | 93.0 | SP | | | | <1 | | | | 1 | | 1 | 1 | 1 | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 75.0 | 48 | | | | | | | | | | | | | | | | dk gy/lt gy compositionally laminated |
| | | | S1 | 81.4 | 43 | | | | | | | | | | | | | | | | loc QZ replacement patches |
| | | | S1 | 87.5 | 64 | | | | | | | | | | | | | | | | loc wk BI hornfelsing; wk sericite alt'n of argillaceous layers |
| | | | S1 | 90.5 | 60 | | | | | | | | | | | | | | | | PY/PO as blebs/specks/patches in siliceous layers |
| | | | | | | | | | | | | | | | | | | | | | 72.7-74.0: 0.3m rec'd; rubbly core |
| | | | | | | | | | | | | | | | | | | | | | 78.7: PY+AS vn; 4mm @ 53 |
| | | | | | | | | | | | | | | | | | | | | | 78.8: PY+QZ vn; 11mm @ 52 |
| | | | | | | | | | | | | | | | | | | | | | 80.6: QZ+PY vn; 7mm @ 33 |
| | | | | | | | | | | | | | | | | | | | | | |
| 93.0 | 96.6 | Md | | | | | | | | | | | 1 | 5 | | | | | | | **Monzonite Dyke** |
| | | | CN | 96.6 | 54 | | | | | | | | | | | | | | | | pale gy, wkly porphyritic w/ 20% plag phenos to 4mm |
| | | | | | | | | | | | | | | | | | | | | | PY/PO as specks/blebs |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 96.6 | 150.0 | SP | | | | <1 | | | | 1 | | | <1 | <1 | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 102.6 | 53 | | | | | | | | | | | | | | | | dk gy/lt gy compostionally laminated |

# Diamond Drill Log LD05-01

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **96.6-149.0 cont'd** |
| | | | S1 | 108.8 | 58 | | | | | | | | | | | | | | | | siliceous layers are generally broken and rotated w/ loc augens |
| | | | S1 | 114.8 | 54 | | | | | | | | | | | | | | | | loc wk sericite atl'n; loc BI hornfelsing |
| | | | S1 | 121.0 | 57 | | | | | | | | | | | | | | | | 234.1: QZ+CA+PY+SL+AS vn; 16mm @ 58 |
| | | | S1 | 127.0 | 63 | | | | | | | | | | | | | | | | 118.6-121.7: mod BI hornfelsing |
| | | | S1 | 133.0 | 52 | | | | | | | | | | | | | | | | 147.7-149.4: 0.5m core recovered; rubbly and ground core |
| | | | S1 | 139.3 | 47 | | | | | | | | | | | | | | | | lower cnt gradational over 10m |
| | | | S1 | 144.7 | 60 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 150.0 | 162.6 | SPa | | | | <1 | | | | 4 | | | 1 | <1 | tr | | | | | | **Altered Siliceous Phyllite** |
| | | | S1 | 151.4 | 64 | | | | | | | | | | | | | | | | lt gy/beige compositionally laminated, sericite altered |
| | | | S1 | 157.6 | 58 | | | | | | | | | | | | | | | | w/ loc unaltered bands of siliceous phyllite |
| | | | | | | | | | | | | | | | | | | | | | loc bands of biotite hornfelsed siliceous phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in stringers/vnlts/<vnlts |
| | | | | | | | | | | | | | | | | | | | | | PO as blebs in siliceous layers |
| | | | | | | | | | | | | | | | | | | | | | CP speck observed |
| | | | | | | | | | | | | | | | | | | | | | 153.7: irreg SL+AS+PY vn; 5mm @ 55 |
| | | | | | | | | | | | | | | | | | | | | | 159.0-159.1: gouge and rubbly core |
| | | | | | | | | | | | | | | | | | | | | | |
| 162.6 | 163.8 | Fd | | | | | | | | | 1 | | 3 | | | | | | | | **Felsite Dyke** |
| | | | CN | 162.6 | 64 | | | | | | | | | | | | | | | | lt green/gy, porphyritic w/ 15% brown plag phenos to 5mm |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems/blebs to 3mm and in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 163.8 | 178.0 | SPa | | | | <1 | | | | 4 | | | 1 | | | | | | | | **Altered Siliceous Phyllite** |
| | | | S1 | 169.7 | 35 | | | | | | | | | | | | | | | | a/a 150.0-162.6 w/ 20% unaltered siliceous phyllite and loc BI hornfelsing |
| | | | S1 | 175.9 | 58 | | | | | | | | | | | | | | | | PY as dissem specks and in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 165.2-166.7: 0.6m core rec'd; CY gouge |
| | | | | | | | | | | | | | | | | | | | | | 167.4: irreg SL+GL+AS+PY vn |
| | | | | | | | | | | | | | | | | | | | | | 172.4-172.6: rubble and strongly fractured |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational over 5m |
| | | | | | | | | | | | | | | | | | | | | | |
| 178.0 | 189.9 | SPbh | | | | 3 | | | | 1 | | | 1 | <1 | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 182.0 | 66 | | | | | | | | | | | | | | | | lt br/lt gy compositionally laminated |
| | | | S1 | 188.0 | 61 | | | | | | | | | | | | | | | | grades loc to siliceous phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts and as blebs |

# Diamond Drill Log LD05-01

Date: Logged By: DJH Page 4/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **178.0-189.9 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | PO as blebs |
| | | | | | | | | | | | | | | | | | | | | | 184.5: PY+GL vn; 5mm @ 40 |
| | | | | | | | | | | | | | | | | | | | | | |
| 189.9 | 191.0 | Fd | | | | | | | | | 1 | | 5 | | | | | | | | **Felsite Dyke** |
| | | | CN | 191.0 | 58 | | | | | | | | | | | | | | | | lt gr/gy, porphyritic w/ 10% dk gr phenos to 4mm |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | massive PY vn at upper cnt; 23mm @ 53 |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 191.0 | 209.7 | SPa | | | | 1 | | | | 3 | | | 2 | | | tr | | | | | **Altered Siliceous Phyllite** |
| | | | S1 | 194.2 | 60 | | | | | | | | | | | | | | | | a/a 150.0-162.6; grades loc to SP and SPbh |
| | | | S1 | 200.2 | 67 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, blebs |
| | | | S1 | 206.3 | 60 | | | | | | | | | | | | | | | | SL in vnlts w/ PY |
| | | | | | | | | | | | | | | | | | | | | | 195.2-196.2: heavily fractured and ground core |
| | | | | | | | | | | | | | | | | | | | | | 197.2-197.3: CY gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 209.7 | 221.8 | Md | | | | | | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 209.7 | 63 | | | | | | | | | | | | | | | | a/a 93.0-96.6 |
| | | | | | | | | | | | | | | | | | | | | | PY as dissem cubes |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, very irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 221.8 | 224.8 | SPa | | | | 1 | | | | 4 | | | 1 | | | | | | | | **Altered Siliceous Phyllite** |
| | | | S1 | 224.5 | 62 | | | | | | | | | | | | | | | | a/a 150.0-162.6; grades loc to SP and SPbh |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems and in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational over 3m |
| | | | | | | | | | | | | | | | | | | | | | |
| 224.8 | 239.3 | SPbh | | | | 4 | | | | 1 | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 230.7 | 60 | | | | | | | | | | | | | | | | a/a 178.0-189.9; grading loc to SPa |
| | | | S1 | 236.8 | 59 | | | | | | | | | | | | | | | | PY in vnlts w/ QZ and MO; also as dissem specks and in patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 239.3 | 252.1 | Mpd | | | | | | | | | | | <1 | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | CN | 252.2 | 70 | | | | | | | | | | | | | | | | lt to med gy, med grained w/ 10% zoned feldspar phenos to 10mm |
| | | | | | | | | | | | | | | | | | | | | | very irreg, chilled, sharp upper cnt (no attitiude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, non S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | PY as dissem specks |

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Date: Logged By: DJH Page 5/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 252.1 | 261.7 | SPa | | | | 1 | | | | 4 | | | 1 | | tr | | | tr | | | **Altered Siliceous Phyllite** |
| | | | S1 | 252.7 | 41 | | | | | | | | | | | | | | | | a/a 150.0-162.6; grades loc to SPbh |
| | | | S1 | 258.2 | 50 | | | | | | | | | | | | | | | | PY in irreg, discontinuous vnlts w/QZ; also as blebs/patches |
| | | | | | | | | | | | | | | | | | | | | | AS in vnlt w/ PY |
| | | | | | | | | | | | | | | | | | | | | | CP in <vnlt |
| | | | | | | | | | | | | | | | | | | | | | |
| 261.7 | 263.8 | Mpd | | | | | | | | | | | 1 | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | CN | 261.7 | 70 | | | | | | | | | | | | | | | | a/a 239.3-252.1 |
| | | | CN | 263.8 | 63 | | | | | | | | | | | | | | | | PY as dissem specks |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, chilled, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, chilled, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 263.8 | 267.3 | SPbh | | | | 5 | | | | tr | | | 1 | <1 | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 264.2 | 56 | | | | | | | | | | | | | | | | a/a 178.0-189.9; grading loc to SPa |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs/patches |
| | | | | | | | | | | | | | | | | | | | | | PO as dissem specks in siliceous layers |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 267.3m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-01

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| no sample | 0.0 | 8.3 | | | | | | | | | |
| 323001 | 8.3 | 9.8 | split core | | 1.4 | 93 | 0.233 | 3.0 | 885 | 284 | 509 |
| | 9.8 | 150.0 | no sample | | | | | | | | |
| 323002 | 150.0 | 151.5 | split core | | 1.5 | 100 | 0.011 | 0.2 | 55 | 116 | 27 |
| 323003 | 151.5 | 153.0 | split core | | 1.5 | 100 | 0.012 | 0.3 | 23 | 174 | 29 |
| 323004 | 153.0 | 154.5 | split core | | 1.5 | 100 | 0.142 | 4.8 | 2090 | 165 | 2410 |
| 323005 | 154.5 | 156.0 | split core | | 1.5 | 100 | 0.007 | 0.2 | 30 | 105 | 29 |
| | 156.0 | 166.7 | no sample | | | | | | | | |
| 323006 | 166.7 | 168.2 | split core | | 1.5 | 100 | 0.488 | 34.3 | 6210 | 179 | 2760 |
| | 168.2 | 267.3 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @267.3m | | | | | | | | | | | |

## RQD Log  LD05-01

Date: June 17      Page: 1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 3.7 | | | 136.2 | | |
| 5.2 | 0 | 0 | 139.3 | 230 | 74 |
| 8.2 | 20 | 7 | 142.3 | 271 | 90 |
| 11.3 | 59 | 19 | 145.4 | 231 | 75 |
| 14.3 | 53 | 18 | 148.4 | 94 | 31 |
| 17.4 | 21 | 7 | 151.5 | 93 | 30 |
| 20.4 | 122 | 41 | 154.5 | 96 | 32 |
| 23.5 | 152 | 49 | 157.6 | 150 | 48 |
| 26.5 | 71 | 24 | 160.6 | 132 | 44 |
| 29.5 | 212 | 71 | 163.7 | 181 | 58 |
| 32.6 | 203 | 65 | 166.7 | 73 | 24 |
| 35.7 | 234 | 75 | 169.8 | 144 | 46 |
| 38.7 | 252 | 84 | 172.8 | 140 | 47 |
| 41.8 | 221 | 71 | 175.9 | 200 | 65 |
| 44.8 | 270 | 90 | 178.9 | 210 | 70 |
| 47.9 | 239 | 77 | 182.0 | 296 | 95 |
| 50.7 | 267 | 95 | 185.0 | 284 | 95 |
| 53.9 | 236 | 74 | 188.1 | 191 | 62 |
| 57.0 | 259 | 84 | 191.1 | 204 | 68 |
| 60.0 | 214 | 71 | 194.1 | 168 | 56 |
| 63.1 | 209 | 67 | 197.2 | 33 | 11 |
| 66.1 | 251 | 84 | 200.2 | 114 | 38 |
| 69.2 | 255 | 82 | 203.3 | 296 | 95 |
| 72.2 | 71 | 24 | 206.3 | 242 | 81 |
| 75.3 | 106 | 34 | 209.4 | 194 | 63 |
| 78.3 | 204 | 68 | 212.4 | 285 | 95 |
| 81.4 | 65 | 21 | 215.5 | 262 | 85 |
| 84.4 | 105 | 35 | 218.5 | 239 | 80 |
| 87.5 | 155 | 50 | 221.6 | 242 | 78 |
| 90.5 | 263 | 88 | 224.6 | 253 | 84 |
| 93.6 | 167 | 54 | 227.7 | 295 | 95 |
| 96.6 | 296 | 99 | 230.7 | 238 | 79 |
| 99.7 | 261 | 84 | 233.8 | 240 | 77 |
| 102.7 | 277 | 92 | 236.8 | 269 | 90 |
| 105.8 | 269 | 87 | 239.9 | 253 | 82 |
| 108.8 | 195 | 65 | 242.9 | 265 | 88 |
| 111.9 | 150 | 48 | 246.0 | 269 | 87 |
| 114.9 | 251 | 84 | 249.0 | 273 | 91 |
| 118.0 | 255 | 82 | 252.1 | 301 | 97 |
| 121.0 | 297 | 99 | 255.1 | 239 | 80 |
| 124.0 | 214 | 71 | 258.2 | 282 | 91 |
| 127.1 | 200 | 65 | 261.2 | 183 | 61 |
| 130.1 | 271 | 90 | 264.2 | 292 | 97 |
| 133.2 | 264 | 85 | 267.3 | 274 | 88 |
| 136.2 | 272 | 91 | EOH @ 267.3 m | | |

# Assay Sample Log LD05-01

Page: 1 for ARD testing

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 14.4 | no sample | | | | | | | | |
| 322351 | 14.4 | 20.4 | 15% grabs | | | | 0.054 | 0.9 | 129 | 130 | 60 |
| 322352 | 20.4 | 26.5 | 15% grabs | | | | 0.011 | 0.8 | 26 | 119 | 226 |
| 322353 | 26.5 | 32.6 | 15% grabs | | | | 0.002 | 0.3 | 24 | 88 | 40 |
| 322354 | 32.6 | 38.7 | 15% grabs | | | | 0.005 | 0.1 | 13 | 90 | 71 |
| 322355 | 38.7 | 44.8 | 15% grabs | | | | 0.010 | 0.3 | 49 | 76 | 41 |
| 322356 | 44.8 | 50.9 | 15% grabs | | | | 0.007 | 0.2 | 36 | 75 | 45 |
| 322357 | 50.9 | 57.0 | 15% grabs | | | | 0.002 | 0.1 | 23 | 63 | 32 |
| 322358 | 57.0 | 63.1 | 15% grabs | | | | 0.006 | 0.5 | 49 | 89 | 85 |
| 322359 | 63.1 | 69.2 | 15% grabs | | | | 0.015 | 0.5 | 388 | 67 | 247 |
| 322360 | 69.2 | 75.3 | 15% grabs | | | | 0.033 | 0.6 | 170 | 101 | 38 |
| 322361 | 75.3 | 81.4 | 15% grabs | | | | 0.059 | 0.7 | 1030 | 83 | 33 |
| 322362 | 81.4 | 87.5 | 15% grabs | | | | 0.007 | 0.3 | 26 | 72 | 33 |
| 322363 | 87.5 | 93.0 | 15% grabs | | | | 0.012 | 0.2 | 58 | 66 | 89 |
| 322364 | 93.0 | 96.6 | 15% grabs | | | | 0.057 | 0.1 | 8 | 72 | 87 |
| 322365 | 96.6 | 102.7 | 15% grabs | | | | 0.010 | 0.2 | 46 | 71 | 29 |
| 322366 | 102.7 | 108.8 | 15% grabs | | | | 0.011 | 0.1 | 25 | 80 | 24 |
| 322367 | 108.8 | 114.9 | 15% grabs | | | | 0.009 | 0.2 | 30 | 75 | 32 |
| 322368 | 114.9 | 121.0 | 15% grabs | | | | 0.012 | 0.2 | 41 | 80 | 37 |
| 322369 | 121.0 | 127.1 | 15% grabs | | | | 0.008 | 0.2 | 27 | 76 | 51 |
| 322370 | 127.1 | 133.2 | 15% grabs | | | | 0.014 | 0.3 | 23 | 100 | 49 |
| 322371 | 133.2 | 139.3 | 15% grabs | | | | 0.015 | 0.2 | 31 | 83 | 34 |
| 322372 | 139.3 | 144.7 | 15% grabs | | | | 0.008 | 0.2 | 63 | 139 | 30 |
| | 144.7 | 157.1 | no sample | | | | | | | | |
| 322373 | 157.1 | 163.8 | 15% grabs | | | | 0.020 | 0.4 | 207 | 166 | 55 |
| | 164.8 | 169.8 | no sample | | | | | | | | |
| 322374 | 169.8 | 175.9 | 15% grabs | | | | 0.019 | 0.3 | 82 | 158 | 32 |
| 322375 | 175.9 | 182.0 | 15% grabs | | | | 0.010 | 0.4 | 93 | 199 | 30 |
| 322376 | 182.0 | 188.1 | 15% grabs | | | | 0.016 | 1.2 | 255 | 154 | 46 |
| 322377 | 188.1 | 194.1 | 15% grabs | | | | 0.011 | 0.8 | 316 | 118 | 75 |
| 322378 | 194.1 | 200.2 | 15% grabs | | | | 0.008 | 1.3 | 132 | 130 | 32 |
| 322379 | 200.2 | 206.3 | 15% grabs | | | | 0.059 | 1.8 | 807 | 184 | 1145 |
| 322380 | 206.3 | 209.7 | 15% grabs | | | | 0.016 | 1.2 | 154 | 190 | 27 |
| 322381 | 209.7 | 215.5 | 15% grabs | | | | 0.012 | 0.3 | 145 | 14 | 93 |

# Assay Sample Log LD05-01

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 322382 | 215.5 | 221.7 | 15% grabs | | | | 0.006 | 0.1 | 82 | 4 | 68 |
| 322383 | 221.7 | 227.7 | 15% grabs | | | | 0.007 | 0.6 | 10 | 134 | 30 |
| 322384 | 227.7 | 233.8 | 15% grabs | | | | 0.025 | 1.3 | 1125 | 224 | 78 |
| 322385 | 233.8 | 238.8 | 15% grabs | | | | 0.053 | 1.7 | 2430 | 269 | 195 |

# Survey Log  LD05-02

**UTM Northing:** 6162459.4
**UTM Easting:** 347255.0
**Elevation:** 1403.5
**Length:** 264.2

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 80.0 | | -55.00 | |
| 37 | 11.3 | 53.4 | 75.4 | | -54.00 | 5788 |
| 237 | 72.2 | 58.8 | 80.8 | | -53.80 | 5778 |
| 437 | 133.2 | 59.4 | 81.4 | | -52.60 | 5760 |
| 637 | 194.1 | 62.1 | 84.1 | | -51.60 | 5771 |
| 837 | 255.1 | 67.2 | 89.2 | | -50.30 | 5755 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Diamond Drill Log** **LD05-02**

Date: Logged By: DJH Page 1/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | |
| 0.0 | 9.8 | OB | | | | | | | | | | | | | | | | | | | triconed overburden - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 9.8 | 63.9 | SPbh | | | | 5 | | | | | | | 1 | | tr | tr | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 11.5 | 65 | | | | | | | | | | | | | | | | w/ loc dk gy siliceous compositional layers |
| | | | S1 | 15.1 | 60 | | | | | | | | | | | | | | | | grades loc to SPa (<10%) |
| | | | S1 | 21.9 | 60 | | | | | | | | | | | | | | | | S1 locally contorted |
| | | | S1 | 30.6 | 62 | | | | | | | | | | | | | | | | PY in vnlts, vns |
| | | | S1 | 34.9 | 60 | | | | | | | | | | | | | | | | CP in vn w/ PY |
| | | | S1 | 40.2 | 60 | | | | | | | | | | | | | | | | SL in vnlts w/ PY |
| | | | S1 | 45.9 | 53 | | | | | | | | | | | | | | | | 9.8-17.7: Fe oxides on fractures |
| | | | S1 | 51.7 | 62 | | | | | | | | | | | | | | | | 36.3: PY vn; 4mm @ 25 |
| | | | S1 | 57.6 | 52 | | | | | | | | | | | | | | | | 34.6: PY>>CP vn; 20mm @ 55 |
| | | | | | | | | | | | | | | | | | | | | | 41.9: irreg PY vn; 12mm @ 27; |
| | | | | | | | | | | | | | | | | | | | | | 42.4: irreg PY>>CP vn; 15mm @ 34 |
| | | | | | | | | | | | | | | | | | | | | | 56.9: healed bxia |
| | | | | | | | | | | | | | | | | | | | | | 56.4-57.4: strongly fractured |
| | | | | | | | | | | | | | | | | | | | | | |
| 63.9 | 65.3 | SKp | | | | | 3 | | 2 | | | | | | | | | | | 10 | **Magnetite-Diopside-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | loc patches of limestone protolith |
| | | | | | | | | | | | | | | | | | | | | | MG as patches |
| | | | | | | | | | | | | | | | | | | | | | cnts irreg and fairly sharp |
| | | | | | | | | | | | | | | | | | | | | | |
| 65.3 | 70.6 | SPbh | | | | 4 | 1 | | | | | | <1 | <1 | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | w/ <20% SKp intercalated |
| | | | | | | | | | | | | | | | | | | | | | PY as scattered cubic porphroblasts |
| | | | | | | | | | | | | | | | | | | | | | PO as irreg patches |
| | | | | | | | | | | | | | | | | | | | | | 66.9-67.2: SKp w/ sharp irreg cnts |
| | | | | | | | | | | | | | | | | | | | | | 69.3-69.6: SKp w/ sharp irreg cnts |
| | | | | | | | | | | | | | | | | | | | | | |
| 70.6 | 79.4 | Dd | | | | | | | | | tr | | <1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 79.4 | 55 | | | | | | | | | | | | | | | | med grained, magnetic, med gy/gr and white speckled |
| | | | | | | | | | | | | | | | | | | | | | upper cnt irreg and wkly gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs, vn |
| | | | | | | | | | | | | | | | | | | | | | 75.3-75.4 PY vn @ 42 |
| | | | | | | | | | | | | | | | | | | | | | 77.4: limestone frag w/ SKp alt'n |

# Diamond Drill Log LD05-02

Date: Logged By: DJH Page 2/ 5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 79.4 | 87.1 | SKp | | | | <1 | 4 | | <1 | | | | 1 | 1 | tr | tr | | | | | **Calcite-CPx-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | <10% marble; <10% SP |
| | | | | | | | | | | | | | | | | | | | | | protolith appears to be a mixture of LS/SP/MT |
| | | | | | | | | | | | | | | | | | | | | | br garnet developed in bands/patches/ and as vnlt selvages |
| | | | | | | | | | | | | | | | | | | | | | PY/PO as patches and in vnlts |
| | | | | | | | | | | | | | | | | | | | | | 79.4-81.1: 25% PY as patches |
| | | | | | | | | | | | | | | | | | | | | | 83.6-84.1: 40% PY>>CP |
| | | | | | | | | | | | | | | | | | | | | | |
| 87.1 | 90.0 | LS | | | | | 1 | | 4 | | | | tr | 1 | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | massive, dk gy; grades loc to SKp |
| | | | | | | | | | | | | | | | | | | | | | PY as dissem specks |
| | | | | | | | | | | | | | | | | | | | | | PO as patches |
| | | | | | | | | | | | | | | | | | | | | | 88.9-89.0: SKp w/ magentite patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 90.0 | 93.7 | SPbh | | | | 4 | <1 | | | | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 92.6 | 50 | | | | | | | | | | | | | | | | w/ <10% SKp intercalated (limestone protolith) |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts and as dissem specks |
| | | | | | | | | | | | | | | | | | | | | | |
| 93.7 | 94.8 | MS | | | | | | | | | | | 70 | | | 20 | | | | | **Massive Sulphides** |
| | | | | | | | | | | | | | | | | | | | | | massive coarse grained pyrite w/ large sphalerite patches |
| | | | | | | | | | | | | | | | | | | | | | 94.4-94.8: 3% CP |
| | | | | | | | | | | | | | | | | | | | | | |
| 94.8 | 101.4 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | massive med to dk gy limestone w/ minor intercalated SP |
| | | | | | | | | | | | | | | | | | | | | | no mineralization |
| | | | | | | | | | | | | | | | | | | | | | |
| 101.4 | 128.0 | SPbh | | | | 3 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 102.7 | 51 | | | | | | | | | | | | | | | | grades loc to SP |
| | | | S1 | 108.8 | 47 | | | | | | | | | | | | | | | | upper cnt gradational over 0.4m |
| | | | S1 | 114.9 | 50 | | | | | | | | | | | | | | | | PY in <vnlts and as dissem specks |
| | | | S1 | 118.5 | 31 | | | | | | | | | | | | | | | | 120.4-120.7: SKp w/ 10% MG |
| | | | S1 | 126.7 | 35 | | | | | | | | | | | | | | | | 121.0-125.1: 2.5m core rec'd; strongly fractured core w/ loc gouge |
| | | | | | | | | | | | | | | | | | | | | | 125.1-126.5: limestone |
| | | | | | | | | | | | | | | | | | | | | | 125.6-126.3: strongly fractured w/ loc gouge |
| | | | | | | | | | | | | | | | | | | | | | 127.1-130.1: 1.7m core rec'd |
| | | | | | | | | | | | | | | | | | | | | | 127.9-128.0: rubble and gouge |

# Diamond Drill Log LD05-02

Date: Logged By: DJH Page 3/ 5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 128.0 | 131.6 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | massive, dk gy |
| | | | | | | | | | | | | | | | | | | | | | no mineralization |
| | | | | | | | | | | | | | | | | | | | | | |
| 131.6 | 156.5 | SP | | | | 1 | | | | | | | <1 | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 131.7 | 70 | | | | | | | | | | | | | | | | grades loc to SPbh (20%) |
| | | | S1 | 138.4 | 27 | | | | | | | | | | | | | | | | PY in irreg vnlts and vns to 5mm; PY also as dissem specks |
| | | | S1 | 145.0 | 43 | | | | | | | | | | | | | | | | S1 locally contorted |
| | | | S1 | 149.5 | 45 | | | | | | | | | | | | | | | | siliceous layers locally broken and rotated |
| | | | S1 | 155.2 | 52 | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | S1 | 161.5 | 55 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 156.5 | 173.4 | SPbh | | | | 4 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 166.8 | 65 | | | | | | | | | | | | | | | | grades loc to SP (<20%) |
| | | | S1 | 172.8 | 71 | | | | | | | | | | | | | | | | PY as disssems and in vnlts/<vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational over 0.2m |
| | | | | | | | | | | | | | | | | | | | | | |
| 173.4 | 174.8 | SKpm | | | | | 4 | 1 | | | | | | 15 | 0.1 | | | | | | **Mineralized CPx Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ med/ blue gy limestone(?) patches |
| | | | | | | | | | | | | | | | | | | | | | cnts gradational over 0.2m |
| | | | | | | | | | | | | | | | | | | | | | limestone protolith |
| | | | | | | | | | | | | | | | | | | | | | PO as massive patches w/CP |
| | | | | | | | | | | | | | | | | | | | | | 173.4-173.5: carbonate laminations |
| | | | | | | | | | | | | | | | | | | | | | |
| 174.8 | 178.6 | SPbh | | | | | 5 | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 178.2 | 75 | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | 174.8-175.2: PY in patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 178.6 | 183.0 | Fd | | | | | | | | | | | 1 | | | | | | | | **Felsite Dyke** |
| | | | CN | 178.6 | 75 | | | | | | | | | | | | | | | | lt gr/gy, w/ 15% anhedral plag phenos to 4mm in aphanitic matrix |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed due to gouge and sheared core |
| | | | | | | | | | | | | | | | | | | | | | 179.8-180.0: SP xenolith |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-02

Date: Logged By: DJH Page 4/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 183.0 | 217.6 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 185.5 | 65 | | | | | | | | | | | | | | | | grades loc to sericite alt'd SP |
| | | | S1 | 191.1 | 75 | | | | | | | | | | | | | | | | PY in vnlts associated w/ SPa |
| | | | S1 | 195.7 | 70 | | | | | | | | | | | | | | | | *distinctive lt pink layers locally |
| | | | S1 | 201.6 | 62 | | | | | | | | | | | | | | | | 187.3-187.8: strongly fractured |
| | | | S1 | 207.6 | 55 | | | | | | | | | | | | | | | | 195.9-196.5: strongly fractured |
| | | | S1 | 212.9 | 52 | | | | | | | | | | | | | | | | 199.0: PY+AS+SL+GL vn; 11mm @ 40 |
| | | | S1 | 217.4 | 73 | | | | | | | | | | | | | | | | 202.2-212.1: PY+CP and PY+AS vns |
| | | | | | | | | | | | | | | | | | | | | | |
| 217.6 | 218.6 | Md | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | CN | 217.6 | 30 | | | | | | | | | | | | | | | | med gy/gr, non-magnetic, fine grained |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 218.6 | 223.6 | SPbh | | | | 4 | | | | 1 | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 222.7 | 57 | | | | | | | | | | | | | | | | grades loc to SPa |
| | | | | | | | | | | | | | | | | | | | | | PY as small patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 223.6 | 224.8 | Md | | | | | | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 223.6 | 55 | | | | | | | | | | | | | | | | lt gy/gr, non-mag, fine grained, w/10% mafic phenos |
| | | | CN | 224.8 | 52 | | | | | | | | | | | | | | | | PY dissems/ patches/ rare vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, x-cuts S1 |
| | | | | | | | | | | | | | | | | | | | | | |
| 224.8 | 235.5 | SPbh | | | | 3 | | | | 2 | | | <1 | | | tr | | <1 | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 230.4 | 62 | | | | | | | | | | | | | | | | grades loc to SPa (~30%) |
| | | | S1 | 232.6 | 60 | | | | | | | | | | | | | | | | PY+AS±SL in vnlts associated w/ SPa |
| | | | | | | | | | | | | | | | | | | | | | |
| 235.5 | 239.9 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 238.3 | 68 | | | | | | | | | | | | | | | | PY patches/ <vnlts/ vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 239.9 | 240.9 | Md | | | | | | | | <1 | <1 | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 240.9 | 60 | | | | | | | | | | | | | | | | med br, 1% mafic phenos |
| | | | | | | | | | | | | | | | | | | | | | sericite alt'n selvages on <vnlts; CL alt'n of mafic phenos |
| | | | | | | | | | | | | | | | | | | | | | PY patches |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed due to ground core |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |

## Diamond Drill Log LD05-02

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 240.9 | 251.3 | SPbh | | | | 4 | | | | 1 | | | 1 | | tr | tr | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 245.3 | 63 | | | | | | | | | | | | | | | | grades loc to 10% SPa |
| | | | S1 | 249.1 | 63 | | | | | | | | | | | | | | | | PY <vnlts/ vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP/SL in vnlts w/ PY |
| | | | | | | | | | | | | | | | | | | | | | 241.2: 2cms gouge |
| | | | | | | | | | | | | | | | | | | | | | 249.6-249.8: rubble and ground core |
| | | | | | | | | | | | | | | | | | | | | | |
| 251.3 | 252.1 | Md | | | | | | | | | 1 | | 2 | | | | | | | | **Monzonite(?) Dyke** |
| | | | CN | 251.3 | 55 | | | | | | | | | | | | | | | | a/a 239.9-240.9 (not typical monzonite) |
| | | | CN | 252.1 | 60 | | | | | | | | | | | | | | | | fine grained w/ 1% mafic phenos |
| | | | | | | | | | | | | | | | | | | | | | CL alt'n of mafic phenos |
| | | | | | | | | | | | | | | | | | | | | | PY blebs to 3mm |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, slightly irreg, ~S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 252.1 | 264.2 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 255.1 | 52 | | | | | | | | | | | | | | | | grades loc. to SPa |
| | | | S1 | 261.2 | 58 | | | | | | | | | | | | | | | | 257.6: 30mm band of massive PY+MG @ 77 (x-cuts S1) |
| | | | | | | | | | | | | | | | | | | | | | 257.8: 6cm gouge |
| | | | | | | | | | | | | | | | | | | | | | 260.2-260.3: monzonite dyklet @ 55 |
| | | | | | | | | | | | | | | | | | | | | | 261.7-263.6: heavily fractured w/ local gouge |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 264.2m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-02

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 63.9 | no sample | | | | | | | | |
| 323007 | 63.9 | 65.3 | split core | | 1.4 | 100 | 0.032 | 0.2 | 224 | 98 | 41 |
| 323008 | 65.3 | 66.9 | split core | | 1.5 | 94 | 0.032 | 0.6 | 370 | 93 | 86 |
| 323009 | 66.9 | 68.4 | split core | | 1.5 | 100 | 0.055 | 0.3 | 384 | 68 | 33 |
| 323010 | 68.4 | 69.9 | split core | | 1.5 | 100 | 0.031 | 0.2 | 198 | 83 | 35 |
| | 69.9 | 79.4 | no sample | | | | | | | | |
| 323011 | 79.4 | 81.1 | split core | | 1.7 | 100 | 0.565 | 5.9 | 1415 | 648 | 154 |
| 323012 | 81.1 | 82.6 | split core | | 1.5 | 100 | 0.010 | 0.1 | 51 | 125 | 36 |
| 323013 | 82.6 | 84.1 | split core | | 1.5 | 100 | 0.773 | 15.9 | 1910 | 700 | 218 |
| 323014 | 84.1 | 85.6 | split core | | 1.5 | 100 | 0.005 | 0.1 | 84 | 93 | 55 |
| 323015 | 85.6 | 87.1 | split core | | 1.5 | 100 | 0.018 | 0.5 | 39 | 84 | 178 |
| 323016 | 87.1 | 88.6 | split core | | 1.5 | 100 | 0.002 | 0.3 | 29 | 22 | 123 |
| 323017 | 88.6 | 90.0 | split core | | 1.4 | 100 | 0.008 | 0.1 | 204 | 43 | 29 |
| | 90.0 | 93.7 | no sample | | | | | | | | |
| 323018 | 93.7 | 94.8 | split core | | 1.1 | 100 | 1.705 | 24.9 | >10000 | 2420 | 103500 |
| | 94.8 | 173.4 | no sample | | | | | | | | |
| 323019 | 173.4 | 175.1 | split core | | 1.5 | 88 | 0.234 | 0.1 | 41 | 511 | 134 |
| 323020 | | | standard | | | | 1.040 | 2.6 | 16 | 11900 | 110 |
| 323021 | | | blank | | | | 0.009 | 0.1 | 9 | 121 | 57 |
| | 175.1 | 202.2 | no sample | | | | | | | | |
| 323022 | 202.2 | 203.7 | split core | | 1.5 | 100 | 0.571 | 10.2 | 6030 | 251 | 1845 |
| | 203.7 | 209.1 | no sample | | | | | | | | |
| 323023 | 209.1 | 212.1 | split core | | 3.0 | 100 | 1.620 | 13.3 | >10000 | 835 | 695 |
| | 212.1 | 264.2 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 264.2m | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

# RQD Log  LD-05-2

Date: June 20/05  Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 9.8 | | | 142.3 | | |
| 11.3 | 44 | 29 | 145.4 | 287 | 93 |
| 14.3 | 221 | 74 | 148.4 | 256 | 85 |
| 17.4 | 131 | 42 | 151.5 | 271 | 87 |
| 20.4 | 177 | 59 | 154.5 | 265 | 88 |
| 23.5 | 112 | 36 | 157.6 | 278 | 90 |
| 26.5 | 97 | 32 | 160.6 | 284 | 95 |
| 29.6 | 242 | 78 | 163.7 | 263 | 85 |
| 32.6 | 295 | 98 | 166.7 | 281 | 94 |
| 35.7 | 238 | 77 | 169.8 | 264 | 85 |
| 38.7 | 270 | 90 | 172.8 | 299 | 100 |
| 41.8 | 239 | 77 | 175.9 | 258 | 83 |
| 44.8 | 256 | 85 | 178.9 | 272 | 91 |
| 47.9 | 180 | 58 | 182.0 | 201 | 65 |
| 50.9 | 186 | 62 | 185.0 | 145 | 48 |
| 53.9 | 278 | 93 | 188.1 | 204 | 66 |
| 57.0 | 106 | 34 | 191.1 | 141 | 47 |
| 60.0 | 165 | 55 | 194.1 | 261 | 87 |
| 63.1 | 274 | 88 | 197.2 | 201 | 65 |
| 66.1 | 283 | 94 | 200.2 | 253 | 84 |
| 69.2 | 260 | 84 | 203.3 | 256 | 83 |
| 72.2 | 268 | 89 | 206.3 | 240 | 80 |
| 75.3 | 271 | 87 | 209.4 | 303 | 98 |
| 78.3 | 291 | 97 | 212.4 | 223 | 74 |
| 81.4 | 301 | 97 | 215.5 | 199 | 64 |
| 84.4 | 249 | 83 | 218.5 | 226 | 75 |
| 87.5 | 277 | 89 | 221.6 | 281 | 91 |
| 90.5 | 276 | 92 | 224.6 | 215 | 72 |
| 93.6 | 187 | 60 | 227.7 | 279 | 90 |
| 96.6 | 225 | 75 | 230.7 | 292 | 97 |
| 99.7 | 242 | 78 | 233.8 | 237 | 76 |
| 102.7 | 245 | 82 | 236.8 | 258 | 86 |
| 105.8 | 221 | 71 | 239.9 | 277 | 89 |
| 108.8 | 216 | 72 | 242.9 | 222 | 74 |
| 111.9 | 157 | 51 | 246.0 | 277 | 89 |
| 114.9 | 141 | 47 | 249.0 | 233 | 78 |
| 118.0 | 127 | 41 | 252.1 | 256 | 83 |
| 121.0 | 163 | 54 | 255.1 | 262 | 87 |
| 124.0 | 39 | 13 | 258.2 | 211 | 68 |
| 127.1 | 105 | 34 | 261.2 | 292 | 97 |
| 130.1 | 75 | 25 | 264.2 | 43 | 14 |
| 133.2 | 68 | 22 | | | |
| 136.2 | 183 | 61 | EOH @ 264.2m | | |
| 139.3 | 256 | 83 | | | |
| 142.3 | 253 | 84 | | | |

# Survey Log  LD05-03

**UTM Northing:** 6162459.4
**UTM Easting:** 347255.0
**Elevation:** 1403.5
**Length:** 239.9

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 80.0 | | -75.00 | |
| 37 | 11.3 | 44.3 | 66.3 | | -75.40 | 5988 |
| 187 | 57.0 | 46.7 | 68.7 | | -75.30 | 5656 |
| 387 | 118.0 | 57 | 79.0 | | -75.10 | 5815 |
| 587 | 178.9 | 60 | 82.0 | | -75.40 | 5816 |
| 787 | 239.9 | 60.5 | 82.5 | | -73.90 | 5813 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |

**Diamond Drill Log** **LD05-03**

Date: Logged By: DJH Page 1/3

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 9.1 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | (triconed - no core) |
| 9.1 | 43.9 | SPbh | | | | 5 | | | | | | | 1 | | | | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 12.1 | 52 | | | | | | | | | | | | | | | | S1 locally contorted |
| | | | S1 | 17.4 | 38 | | | | | | | | | | | | | | | | PY in vns(to 10mm), vnlts, blebs |
| | | | S1 | 22.3 | 42 | | | | | | | | | | | | | | | | AS in vnlts w/ PY |
| | | | S1 | 26.0 | 39 | | | | | | | | | | | | | | | | 9.1-10.3: fractured w/ Fe oxides on fracts. |
| | | | S1 | 34.7 | 52 | | | | | | | | | | | | | | | | 37.8-38.1: monzonite dyklet |
| 43.9 | 45.5 | MS | | | | | | | | | | | 95 | | | | | | | | **Massive Pyrite** |
| | | | | | | | | | | | | | | | | | | | | | PY as granular masses w/ dk grey "sooty" coatings |
| | | | | | | | | | | | | | | | | | | | | | v. friable interval |
| | | | | | | | | | | | | | | | | | | | | | * upper cnt between 41.8 and 43.9m (10cm core rec'd - void) |
| 45.5 | 51.9 | SPbh | | | | 5 | | | | <1 | | | 1 | | | tr | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 48.9 | 40 | | | | | | | | | | | | | | | | PY in vnlts, vns, blebs |
| | | | | | | | | | | | | | | | | | | | | | SL in vnlt w/ PY |
| | | | | | | | | | | | | | | | | | | | | | v. minor incipient sericite alt'd siliceous phyllite |
| 51.9 | 53.1 | SKrm | | | | | | 2 | | | | | 30 | 20 | 1 | | | | | | **Mineralized Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | 51.9-52.4: dk green/black patches and vn controlled chlorite |
| | | | | | | | | | | | | | | | | | | | | | 52.9-53.1: a/a 51.9-52.4 |
| | | | | | | | | | | | | | | | | | | | | | 52.4-52.9: massive PY/PO |
| | | | | | | | | | | | | | | | | | | | | | CP as small blebs in PY/PO |
| | | | | | | | | | | | | | | | | | | | | | possible siliceous phyllite protolith |
| | | | | | | | | | | | | | | | | | | | | | no relict garnets observed |
| 53.1 | 99.6 | SPbh | | | | 4 | | | | <1 | | | 1 | | tr | tr | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 55.6 | 40 | | | | | | | | | | | | | | | | grades loc. to sericite alt'd siliceous phyllite proximal to PY vnlts |
| | | | S1 | 60.6 | 42 | | | | | | | | | | | | | | | | grades loc. to siliceous phyllite (ie incomplete hornfelsing) |
| | | | S1 | 65.0 | 32 | | | | | | | | | | | | | | | | 56.7-57.8: strongly fractured |
| | | | S1 | 70.7 | 40 | | | | | | | | | | | | | | | | 58.9: gouge |
| | | | S1 | 76.0 | 35 | | | | | | | | | | | | | | | | PY in vns (to 5mm), vnlts, <vnlts |
| | | | S1 | 83.5 | 30 | | | | | | | | | | | | | | | | AS in vn w/ PY |

## Diamond Drill Log LD05-03

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | | |
| | | | | | | | | | | | | | | | | | | | | | | **53.1-99.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | | 87.3-90.3: healed bxia |
| | | | | | | | | | | | | | | | | | | | | | | CP in vnlt w/ PY+SL |
| | | | | | | | | | | | | | | | | | | | | | | SL in vnlt w/ PY |
| | | | | | | | | | | | | | | | | | | | | | | |
| 99.6 | 125.1 | Dd | | | | | | | | 1 | | | 1 | | | tr | | | | | | **Diorite Dyke** |
| | | | CN | 99.6 | 24 | | | | | | | | | | | | | | | | | med. grained, med. grey, wkly magnetic |
| | | | CN | 125.1 | 33 | | | | | | | | | | | | | | | | | 10% mafic phenocrysts to 3mm |
| | | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | | SL in vnlts w/ PY |
| | | | | | | | | | | | | | | | | | | | | | | sericite alt'n proximal PY vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | | occasional xenoliths of SPbh |
| | | | | | | | | | | | | | | | | | | | | | | grades loc. to monzonite |
| | | | | | | | | | | | | | | | | | | | | | | upper cnt. slightly irreg., sharp |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt. sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | | |
| 125.1 | 211.7 | SP | | | | 1 | | | | <1 | | | 1 | tr | | | | | | | | Siliceous Phyllite |
| | | | S1 | 127.3 | 30 | | | | | | | | | | | | | | | | | grades loc to SPbh and sericite alt'd Siliceous Phyllite |
| | | | S1 | 135.2 | 38 | | | | | | | | | | | | | | | | | grades loc to phyllitic quartzite |
| | | | S1 | 141.3 | 40 | | | | | | | | | | | | | | | | | siliceous layers are loc. broken, stretched, rotated |
| | | | S1 | 150.0 | 51 | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, rare vns |
| | | | S1 | 156.0 | 40 | | | | | | | | | | | | | | | | | PO as blebs and in vnlts |
| | | | S1 | 159.9 | 30 | | | | | | | | | | | | | | | | | 144.3: 0.4m massive sulphide (cave from upper massive sulphide zone) |
| | | | S1 | 167.2 | 30 | | | | | | | | | | | | | | | | | 145.0-145.5: v. irreg. monzonite dyklet |
| | | | S1 | 172.8 | 35 | | | | | | | | | | | | | | | | | 152.9-153.6: strongly fractured w/o gouge |
| | | | S1 | 178.2 | 33 | | | | | | | | | | | | | | | | | 164.7-165.0: strongly fractured w/ minor gouge |
| | | | S1 | 183.7 | 40 | | | | | | | | | | | | | | | | | 193.9-194.0: rubbly core w/ gouge |
| | | | S1 | 189.3 | 38 | | | | | | | | | | | | | | | | | 191.4-191.9: 5% PY in irreg. vns, patches, vnlts, and as matrix in healed bxia |
| | | | S1 | 195.0 | 43 | | | | | | | | | | | | | | | | | |
| | | | S1 | 200.6 | 41 | | | | | | | | | | | | | | | | | |
| | | | S1 | 205.8 | 35 | | | | | | | | | | | | | | | | | |
| | | | S1 | 211.6 | 33 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 211.7 | 212.7 | MS | | | | | | | | | | | 90 | | | | | | | | | **Massive Pyrite** |
| | | | | | | | | | | | | | | | | | | | | | | coarse grained pyrite cubes |
| | | | | | | | | | | | | | | | | | | | | | | <10% limestone (ie CRD zone) |

# Diamond Drill Log LD05-03

Date: Logged By: DJH Page 3/ 3

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **211.7-212.7 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | lower cnt. gradational over 0.1m |
| | | | | | | | | | | | | | | | | | | | | | upper cnt. gradional over 0.1m (ie replacement of SP also?) |
| | | | | | | | | | | | | | | | | | | | | | |
| 212.7 | 238.3 | SP | | | | <1 | | | | | | | <1 | tr | tr | | | | | | **Siliceous Phyllite** |
| | | | S1 | 218.6 | 35 | | | | | | | | | | | | | | | | grades loc. to SPbh |
| | | | S1 | 225.4 | 45 | | | | | | | | | | | | | | | | no SPa |
| | | | S1 | 231.0 | 42 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, small patches |
| | | | S1 | 238.2 | 30 | | | | | | | | | | | | | | | | PO in patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs in PO |
| | | | | | | | | | | | | | | | | | | | | | sliceous laminae are generally brecciated and lcoally augened |
| | | | | | | | | | | | | | | | | | | | | | 233.0: slip w/ minor gouge |
| | | | | | | | | | | | | | | | | | | | | | 236.5: PY+AS+SL vn @ 40/7mm (x-cuts S1) |
| | | | | | | | | | | | | | | | | | | | | | |
| 238.3 | 239.9 | Md | | | | | | | | | | | 2 | | | | | | | | **Monzonite dyke** |
| | | | CN | 238.3 | 30 | | | | | | | | | | | | | | | | pale green/grey, med. grained w/ 10% plag. phenos to 3mm |
| | | | | | | | | | | | | | | | | | | | | | PY in vns w/ QZ, in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt. sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 239.3m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-03

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 40.2 | no sample | | | | | | | | |
| 323024 | 40.2 | 43.9 | split core | | 0.7 | 19 | 0.012 | 0.5 | 84 | 130 | 55 |
| 323025 | 43.9 | 44.8 | split core | | 0.9 | 100 | 1.230 | 3.3 | 4540 | 602 | 341 |
| 323026 | 44.8 | 45.4 | split core | | 0.6 | 100 | 1.435 | 14.3 | 4610 | 764 | 911 |
| 323027 | 45.4 | 47.2 | split core | | 1.6 | 89 | 0.224 | 2.8 | 178 | 234 | 533 |
| | 47.2 | 51.9 | no sample | | | | | | | | |
| 323028 | 51.9 | 53.1 | split core | | 1.2 | 100 | 0.044 | 1.6 | 73 | 1445 | 359 |
| | 53.1 | 211.7 | no sample | | | | | | | | |
| 323029 | 211.7 | 212.7 | split core | | 1.0 | 100 | 1.495 | 2.8 | 6720 | 66 | 294 |
| | 212.7 | 239.9 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 239.9m | | | | | | | | | | | |

# RQD Log  LD05-03

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 9.1 | | | 133.2 | | |
| 11.3 | 145 | 66 | 136.2 | 298 | 99 |
| 14.3 | 157 | 52 | 139.3 | 278 | 90 |
| 17.4 | 275 | 89 | 142.3 | 283 | 94 |
| 20.4 | 258 | 86 | 145.4 | 287 | 93 |
| 23.5 | 256 | 83 | 148.4 | 207 | 69 |
| 26.5 | 153 | 51 | 151.5 | 79 | 25 |
| 29.6 | 175 | 56 | 154.5 | 162 | 54 |
| 32.6 | 275 | 92 | 157.6 | 238 | 77 |
| 35.7 | 266 | 86 | 160.6 | 237 | 79 |
| 38.7 | 153 | 51 | 163.7 | 271 | 87 |
| 39.9 | 12 | 10 | 166.7 | 183 | 61 |
| 40.2 | 0 | 0 | 169.8 | 242 | 78 |
| 41.8 | 11 | 7 | 172.8 | 297 | 99 |
| 43.9 | 0 | 0 | 175.9 | 267 | 86 |
| 44.8 | 0 | 0 | 178.9 | 249 | 83 |
| 47.9 | 205 | 66 | 182.0 | 239 | 77 |
| 50.9 | 256 | 85 | 185.0 | 281 | 94 |
| 53.9 | 173 | 58 | 188.1 | 274 | 88 |
| 57.0 | 225 | 73 | 191.1 | 275 | 92 |
| 60.0 | 131 | 44 | 194.2 | 253 | 82 |
| 63.1 | 259 | 84 | 197.2 | 268 | 89 |
| 66.1 | 253 | 84 | 200.2 | 251 | 84 |
| 69.2 | 268 | 86 | 203.3 | 244 | 79 |
| 72.2 | 277 | 92 | 206.3 | 283 | 94 |
| 75.3 | 267 | 86 | 209.4 | 282 | 91 |
| 78.3 | 226 | 75 | 212.4 | 261 | 87 |
| 81.4 | 195 | 63 | 215.5 | 296 | 95 |
| 84.4 | 283 | 94 | 218.5 | 299 | 100 |
| 87.5 | 271 | 87 | 221.6 | 296 | 95 |
| 90.5 | 282 | 94 | 224.6 | 246 | 82 |
| 93.6 | 265 | 85 | 227.7 | 248 | 80 |
| 96.6 | 264 | 88 | 230.7 | 275 | 92 |
| 99.7 | 276 | 89 | 233.8 | 266 | 86 |
| 102.7 | 290 | 97 | 236.8 | 199 | 66 |
| 105.8 | 283 | 91 | 239.9 | 249 | 80 |
| 108.8 | 253 | 84 | | | |
| 111.9 | 255 | 82 | EOH@ 239.9m | | |
| 114.9 | 301 | 100 | | | |
| 118.0 | 294 | 95 | | | |
| 121.0 | 299 | 100 | | | |
| 124.0 | 276 | 92 | | | |
| 127.1 | 270 | 87 | | | |
| 130.1 | 254 | 85 | | | |
| 133.2 | 291 | 94 | | | |

# Survey Log  LD05-04

**UTM Northing:** 6162459.4
**UTM Easting:** 347255.0
**Elevation:** 1403.5
**Length:** 47.9

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip |
|---|---|---|---|---|---|
| 0 | 0 | | 80.0 | | -75.00 |
| | | | | | |
| | | | | | |
| note: no downhole surveys | | | | | |
| | | | | | |
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## Diamond Drill Log LD05-04

Date: Logged By: DJH Page 1/1

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 6.0 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| 6.0 | 43.3 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 12.2 | 45 | | | | | | | | | | | | | | | | grades loc. to phyllitic qtzite |
| | | | S1 | 17.6 | 54 | | | | | | | | | | | | | | | | unsure of lower cnt. due to lost core |
| | | | S1 | 22.9 | 42 | | | | | | | | | | | | | | | | PY in vnlts |
| | | | S1 | 26.9 | 35 | | | | | | | | | | | | | | | | 6.0-12.0: Fe oxides on fractures |
| | | | S1 | 33.1 | 55 | | | | | | | | | | | | | | | | 9.4: PY bxia vn, ~20mm |
| | | | | | | | | | | | | | | | | | | | | | 9.9: PY bxia vn + tr CP, @ 20/25mm |
| | | | | | | | | | | | | | | | | | | | | | 16.1-16.5: monzonite dyklet w/ wkly diffuse cnts; lower cnt ~45; upper cnt irreg. |
| | | | | | | | | | | | | | | | | | | | | | 17.4-17.5: strongly fractured w/ gouge |
| | | | | | | | | | | | | | | | | | | | | | 17.7-17.8:slip w/ gouge and broken core |
| | | | | | | | | | | | | | | | | | | | | | 22.9: slip w/ gouge |
| | | | | | | | | | | | | | | | | | | | | | 40.5-43.3: minor streaks and patches of epidote |
| 43.3 | 44.9 | MS | | | | | | | | | | | 95 | | | | | | | | **Massive Pyrite** |
| | | | | | | | | | | | | | | | | | | | | | w/ grey "sooty" coating on PY cubes as in hole LD05-03 |
| | | | | | | | | | | | | | | | | | | | | | 41.8-44.8: 1.3m core rec'd |
| 44.9 | 47.9 | SPbh | | | | 5 | | | | <1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc. SPa proximal to massive pyrite contact |
| EOH @ 47.9m | | | | | | | | | | | | | | | | | | | | | Note: hole drilled to confirm "void" at upper contact of massive pyrite |

# Assay Sample Log LD05-04

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 8.6 | no sample | | | | | | | | |
| 323030 | 8.6 | 9.1 | split core | | 1.3 | 260 | 0.685 | 20.9 | 4950 | 1575 | 185 |
| | 9.1 | 40.4 | no sample | | | | | | | | |
| 323031 | 40.4 | 43.3 | split core | | 0.4 | 12 | 0.180 | 2.6 | 1105 | 352 | 56 |
| 323032 | 43.3 | 44.9 | split core | | 1.3 | 81 | 1.335 | 14.4 | 2690 | 1055 | 245 |
| 323033 | 44.9 | 46.4 | split core | | 1.3 | 87 | 0.077 | 0.9 | 494 | 143 | 152 |
| | 46.4 | 47.9 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH at 47.9 m | | | | | | | | | | | |

# RQD Log  LD05-04

Date: June 24          Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 6.0 | | | | | |
| 8.2 | 55 | 25 | | | |
| 11.3 | 123 | 40 | | | |
| 14.3 | 294 | 98 | | | |
| 17.4 | 260 | 84 | | | |
| 20.4 | 141 | 47 | | | |
| 23.5 | 227 | 73 | | | |
| 26.5 | 172 | 57 | | | |
| 29.6 | 235 | 76 | | | |
| 32.6 | 224 | 75 | | | |
| 35.7 | 252 | 81 | | | |
| 38.7 | 0 | 0 | | | |
| 41.8 | 80 | 26 | | | |
| 44.8 | 70 | 23 | | | |
| 47.9 | 111 | 36 | | | |
| | | | | | |
| EOH @ 47.9m | | | | | |

# Survey Log  LD05-05

| | |
|---|---|
| **UTM Northing:** | 6162494.8 |
| **UTM Easting:** | 347217.6 |
| **Elevation:** | 1404.3 |
| **Length:** | 276.4 |

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 85.0 | | -65.00 | |
| 107 | 32.6 | 58.9 | 80.9 | | -66.40 | |
| 307 | 93.6 | 56.6 | 78.6 | | -66.70 | |
| 507 | 154.5 | 66.3 | 88.3 | | -66.30 | |
| 707 | 215.5 | 63.7 | 85.7 | | -66.50 | |
| 907 | 276.4 | 69.7 | 91.7 | | -66.30 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

# Diamond Drill Log LD05-05

Date: Logged By: DJH Page 1/ 8

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 3.7 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| 3.7 | 71.7 | Dd | | | | | | | | tr | tr | tr | 1 | | | | | | | | **Diorite Dyke** |
| | | | FT | 51.8 | 50 | | | | | | | | | | | | | | | | spur of Glover Stock |
| | | | FT | 59.9 | 58 | | | | | | | | | | | | | | | | med grey, med grained, w/ 5% CL alt'd mafic phenos to 5mm |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | narrow Chl?+Si alt'n halos on PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | Ser alt'n selvages on PY <vnlts |
| | | | | | | | | | | | | | | | | | | | | | weak to mod PY <vnlts |
| | | | | | | | | | | | | | | | | | | | | | weak to mod PY <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 3.7-14.0: Fe oxides on fractures |
| | | | | | | | | | | | | | | | | | | | | | 17.6: cluster of dk gr or blk radiating xtls in a band 40mm wide |
| | | | | | | | | | | | | | | | | | | | | | 27.9-28.3: heavily broken and rubbly w/gouge |
| | | | | | | | | | | | | | | | | | | | | | 32.1-32.3: broken and rubbly w/ gouge |
| | | | | | | | | | | | | | | | | | | | | | 39.6-40.7: Si alt'n proximal to PY+black QZ vns |
| | | | | | | | | | | | | | | | | | | | | | *alt'n selvages on vnlts are zoned w/ Si+Ser proximal to vnlts and w/ Chl alt'n |
| | | | | | | | | | | | | | | | | | | | | | distal to vnlts |
| | | | | | | | | | | | | | | | | | | | | | 42.8-42.9: broken w/gouge |
| | | | | | | | | | | | | | | | | | | | | | 49.5-49.7: rubble w/ gouge proximal to QZ+CB vn |
| | | | | | | | | | | | | | | | | | | | | | 51.8: 30mm gouge @50 |
| | | | | | | | | | | | | | | | | | | | | | 59.9: 20mm gouge |
| | | | | | | | | | | | | | | | | | | | | | 68.9-69.4: SKp band w/ lt br garnet, calcite, epidote |
| | | | | | | | | | | | | | | | | | | | | | 70.9: 20mm wide SKp (vnlt controlled) |
| 71.7 | 74.1 | SKp | | | | | 4 | | | | | | 1 | | | | | | | | **Gar-Epidote-Calcite-Pyroxene Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | occasional relict frags of Dd (ie endoskarn) |
| | | | | | | | | | | | | | | | | | | | | | pale brown garnets |
| 74.1 | 76.3 | Dd | | | | | tr | | | | | | 1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | gradional cnts |
| | | | | | | | | | | | | | | | | | | | | | local patches of epidote+garnet |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, specks |

**Diamond Drill Log** **LD05-05**

Date: Logged By: DJH Page 2/8

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 76.3 | 78.9 | SKp | | | | | 4 | | | | | | 1 | | | | | | | | **Garnet-Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 15% vugs locally |
| | | | | | | | | | | | | | | | | | | | | | yellowish garnets |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | occasional relict frags of diorite ( ie endoskarn) |
| | | | | | | | | | | | | | | | | | | | | | |
| 78.9 | 83.2 | SKp | | | | | 3 | 1 | | | | | 3 | | tr | | | tr | | | **Garnet-Wollastonite? Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc. to SKrm w/ dk green/black chlorite and 10% PY as small patches/blebs |
| | | | | | | | | | | | | | | | | | | | | | occasional patches of wkly alt'd diorite |
| | | | | | | | | | | | | | | | | | | | | | yellowish garnets |
| | | | | | | | | | | | | | | | | | | | | | PY in SKrm, QZ vns |
| | | | | | | | | | | | | | | | | | | | | | AS in QZ+calcite+PY vn |
| | | | | | | | | | | | | | | | | | | | | | CP in QZ vn w/ PY |
| | | | | | | | | | | | | | | | | | | | | | 80.2: 50mm white, sandy gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 83.2 | 93.1 | Dd | | | | | | | | tr | tr | tr | 1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp and irregular (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | a/a 3.7-71.7m |
| | | | | | | | | | | | | | | | | | | | | | |
| 93.1 | 94.8 | SKpm | | | | | 3 | | | | | | 15 | | | | | | | tr | **Incipient Garnet-Epidote Prograde Mineralized Skarn** |
| | | | | | | | | | | | | | | | | | | | | | **PY as patches** |
| | | | | | | | | | | | | | | | | | | | | | MG as blebs to 10mm |
| | | | | | | | | | | | | | | | | | | | | | occasional relict patches of diorite (ie endoskarn) |
| | | | | | | | | | | | | | | | | | | | | | gradational contact interval |
| | | | | | | | | | | | | | | | | | | | | | |
| 94.8 | 95.8 | SKpm | | | | | 4 | 1 | | | | | 20 | | | | | | | | **Garnet-Calcite-Epidote Prograde Mineralized Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc. 10% dark green/blk Chl retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | grades loc. to massive PY |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | no relict Dd patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 95.8 | 97.6 | SKrm | | | | | | 5 | | | | | 30 | | 0.1 | | | | | | **Mineralized Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs |
| | | | | | | | | | | | | | | | | | | | | | 30% dark green/blk Chl (no garnet pseudomorphs) |
| | | | | | | | | | | | | | | | | | | | | | no diorite patches |

**Diamond Drill Log** **LD05-05**

Date: Logged By: DJH Page 3/8

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 97.6 | 104.2 | Dd | | | | | | | | tr | tr | tr | 1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 3.7-71.7 |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | patchy epidote alt'n |
| | | | | | | | | | | | | | | | | | | | | | lower cnt irreg, fairly sharp |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 101.1-101.3: SKrm |
| | | | | | | | | | | | | | | | | | | | | | 101.4-101.7: SKrm |
| | | | | | | | | | | | | | | | | | | | | | |
| 104.2 | 107.9 | SKp | | | | | 3 | tr | | | | | 2 | | | | | | | | **Garnet-Calcite-Epidote Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | 20% diorite patches (ie endoskarn) |
| | | | | | | | | | | | | | | | | | | | | | gradational cnt zone |
| | | | | | | | | | | | | | | | | | | | | | loc. SKr alt'n (locally vuggy) |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 107.9 | 108.8 | Dd | | | | | | | | tr | tr | tr | 1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 3.7-71.7 |
| | | | | | | | | | | | | | | | | | | | | | patchy epidote alt'n |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | sharp irreg. contacts (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 108.8 | 109.3 | SKp | | | | | 5 | | | | | | 2 | | | | | | | | **Garnet-Epidote-Calcite Prograde Skarm** |
| | | | | | | | | | | | | | | | | | | | | | a/a 104.2-107.9 |
| | | | | | | | | | | | | | | | | | | | | | w/o patches of Dd |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 109.3 | 114.3 | Dd | | | | | tr | | tr | tr | | | 2 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 3.7-71.7 |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | contacts sharp and irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | minor patches of SKpm w/ 15% PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 114.3 | 115.5 | PQ | | | | 3 | | | | | | | 3 | | | | | | | | **Phyllitic Quartzite** |
| | | | S1 | 115.2 | 25 | | | | | | | | | | | | | | | | biotite hornfelsed in part |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-05

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 115.5 | 118.8 | SKp | | | | | 4 | tr | | | | | 5 | | | | | | | | **Garnet-Epidote-Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc. patches of Dd |
| | | | | | | | | | | | | | | | | | | | | | locally vuggy |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | 118.3-118.8: grades to SKrm w/ 20% PY |
| | | | | | | | | | | | | | | | | | | | | | fairly sharp, irreg cnts |
| | | | | | | | | | | | | | | | | | | | | | |
| 118.8 | 120.4 | SPbh | | | | 5 | tr | | | | | | 3 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | minor SKp patches w/ PY |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 120.4 | 120.9 | SKpm | | | | | 5 | | | | | | 15 | | | | | | | | **Mineralized Garnet-Epidote Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY in patches (coarse cubes to 10mm) |
| | | | | | | | | | | | | | | | | | | | | | |
| 120.9 | 139.2 | Dd | | | | | | | | tr | | | 1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 139.2 | 52 | | | | | | | | | | | | | | | | a/a 3.7-71.7 |
| | | | | | | | | | | | | | | | | | | | | | minor brown biotite alt'n selvages on PY vnlts @ 121.6 and 121.7 |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, rare vns |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, slightly irreg |
| | | | | | | | | | | | | | | | | | | | | | |
| 139.2 | 140.3 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 140.1 | 52 | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 140.3 | 141.6 | Dd | | | | | | | | | | | <1 | <1 | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | 141.2: xenolith of SP |
| | | | | | | | | | | | | | | | | | | | | | PY/PO as blebs and in vnlts |
| | | | | | | | | | | | | | | | | | | | | | contacts fairly sharp and irregular (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 141.6 | 145.5 | SPbh | | | | 5 | | | | tr | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 142.3 | 50 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, rare vns |
| | | | | | | | | | | | | | | | | | | | | | marcasite in vns w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 145.5 | 170.6 | Dd | | | | | | | | tr | | tr | 3 | | | tr | | tr | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 3.7-71.7 |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts (irregular) |

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Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **145.5-170.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 145.5: PY+marcasite vn |
| | | | | | | | | | | | | | | | | | | | | | 148.0-149.0: AS in vns w/PY |
| | | | | | | | | | | | | | | | | | | | | | loc. bleached selvages (Qtz+Ser) on PY vns |
| | | | | | | | | | | | | | | | | | | | | | 165.7-167.3: SL in PY vns |
| | | | | | | | | | | | | | | | | | | | | | 168.1-168.6: strongly fractured w/ rubble and gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 170.6 | 172.9 | MS | | | | | | | | | | | 90 | | 0.5 | 1 | | | | | **Massive Pyrite** |
| | | | | | | | | | | | | | | | | | | | | | massive fine grained PY w/ large patch of CP @ 172.7 |
| | | | | | | | | | | | | | | | | | | | | | Limestone patches (ie carbonate replacement) |
| | | | | | | | | | | | | | | | | | | | | | SL as blebs to 10mm |
| | | | | | | | | | | | | | | | | | | | | | CP as isolated blobs |
| | | | | | | | | | | | | | | | | | | | | | 170.6-171.0: siliceous phyllite patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 172.9 | 175.1 | SPam | | | | tr | | | | 4 | | | 15 | | | <1 | | | | | **Sericite Altered, Pyritic Siliceous Phyllite** |
| | | | S1 | 173.4 | 53 | | | | | | | | | | | | | | | | PY as patches, coarse cubes |
| | | | | | | | | | | | | | | | | | | | | | SL as loc. blebs |
| | | | | | | | | | | | | | | | | | | | | | 174.2: gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 175.1 | 175.9 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 175.5 | 20 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 175.9 | 178.4 | SPam | | | | | | | | 5 | | | 10 | | | | | | | | **Sericite Altered, Pyritic Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc. to siliceous massive pyrite |
| | | | | | | | | | | | | | | | | | | | | | cnts are gradational over 0.2m |
| | | | | | | | | | | | | | | | | | | | | | 175.9-177.1: strongly fractured and rubble; 0.1m recovered |
| | | | | | | | | | | | | | | | | | | | | | 177.4-177.5: gouge |
| | | | | | | | | | | | | | | | | | | | | | 178.2-178.4: strongly fractured and rubble |
| | | | | | | | | | | | | | | | | | | | | | |
| 178.4 | 179.9 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 178.9 | 40 | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | 179.0-179.5: rubble, gouge and lost core |
| | | | | | | | | | | | | | | | | | | | | | |
| 179.9 | 183.4 | SPam | | | | | | | | 5 | | | 10 | | | | | | | | **Sericite Altered, Pyritic Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | clay alteration? |
| | | | | | | | | | | | | | | | | | | | | | grades loc. to siliceous massive pyrite w/ minor clay |

## Diamond Drill Log LD05-05

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **179.9-183.4 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | a/a 175.9-178.4 |
| | | | | | | | | | | | | | | | | | | | | | cnts gradational over 0.2m |
| | | | | | | | | | | | | | | | | | | | | | 179.9-180.9: strongly fractured w/ rubble and gouge |
| | | | | | | | | | | | | | | | | | | | | | 182.3-182.6: strongly fractured w/ rubble and gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 183.4 | 189.6 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 185.0 | 50 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | S1 loc contorted |
| | | | | | | | | | | | | | | | | | | | | | 189.3-189.6: sericite alt'd siliceous phyllite |
| | | | | | | | | | | | | | | | | | | | | | |
| 189.6 | 191.5 | MS | | | | | | | <1 | | | 2 | 70 | | 10 | 5 | | <1 | | | **Massive Sulphide** |
| | | | | | | | | | | | | | | | | | | | | | occasional patches limestone (ie carbonate replacement) |
| | | | | | | | | | | | | | | | | | | | | | vuggy |
| | | | | | | | | | | | | | | | | | | | | | 191.1-191.3: SL>PY>CP |
| | | | | | | | | | | | | | | | | | | | | | cnts. gradational over 0.1m |
| | | | | | | | | | | | | | | | | | | | | | |
| 191.5 | 194.1 | LS | | | | | 1 | | 4 | | | | <1 | <1 | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | w/ 20% irreg bands of gar-ep-pyx prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | SKp has sharp cnts |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, blebs (mainly in SKp) |
| | | | | | | | | | | | | | | | | | | | | | PO w/ PY as patches in SKp |
| | | | | | | | | | | | | | | | | | | | | | at lower cnt SKp is in contact w/ SPbh |
| | | | | | | | | | | | | | | | | | | | | | |
| 194.1 | 246.2 | SPbh | | | | 4 | tr | | | <1 | | | <1 | tr | | tr | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 196.0 | 58 | | | | | | | | | | | | | | | | grades loc to SPa (5%) |
| | | | S1 | 203.0 | 56 | | | | | | | | | | | | | | | | loc. gar-ep-pyx prograde skarn ; |
| | | | S1 | 205.9 | 50 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | S1 | 211.6 | 40 | | | | | | | | | | | | | | | | AS proximal to Qtz vnlt |
| | | | S1 | 218.5 | 45 | | | | | | | | | | | | | | | | Qtz-Ser alteration proximal to Qtz+PY+AS+SL vns |
| | | | FLT | 220.9 | 10 | | | | | | | | | | | | | | | | grades loc. to siliceous phyllite |
| | | | S1 | 225.3 | 38 | | | | | | | | | | | | | | | | PO as patches |
| | | | FLT | 225.6 | 10 | | | | | | | | | | | | | | | | 210.7-211.0: strongly fractured w/o gouge |
| | | | S1 | 230.5 | 33 | | | | | | | | | | | | | | | | 212.7: Qtz+SL+PY vnlts |
| | | | S1 | 238.3 | 50 | | | | | | | | | | | | | | | | 220.2-220.3: diorite dyklet |
| | | | S1 | 243.6 | 45 | | | | | | | | | | | | | | | | 220.3-221.0: strongly fractured w/ minor gouge |

## Diamond Drill Log    LD05-05

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **194.1-246.2 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 225.3-226.5: strongly fractured w/ loc gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 246.2 | 249.4 | Md | | | | | | | | tr | tr | | 2 | | | | | tr | | | Monzonite Dyke |
| | | | CN | 249.4 | 49 | | | | | | | | | | | | | | | | med/lt gy, non-magnetic w/ 10% anhedral plag phenos to 3mm |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts w/ bleached selvages |
| | | | | | | | | | | | | | | | | | | | | | AS in vnlt w/ PY |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (PY vn x-cuts contact) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 249.4 | 251.3 | SPbh | | | | 5 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 249.6 | 43 | | | | | | | | | | | | | | | | PY in <vnlts, small patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 251.3 | 255.3 | Md | | | | | | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 251.3 | 50 | | | | | | | | | | | | | | | | a/a 246.2-249.4 |
| | | | CN | 255.3 | 40 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 255.3 | 263.4 | SPbh | | | | 5 | | | | <1 | | | 1 | | | tr | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 256.2 | 50 | | | | | | | | | | | | | | | | grades loc. to serictie alt'd siliceous phyllite |
| | | | S1 | 260.6 | 40 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | SL in vnlts w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 263.4 | 264.2 | SPa | | | | | | | | 5 | | | 4 | | | tr | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 264.2 | 264.7 | Dd | | | | | | | | | | | 1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 264.2 | 45 | | | | | | | | | | | | | | | | PY in vnlts, patches |
| | | | CN | 264.7 | 30 | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, undulating |
| | | | | | | | | | | | | | | | | | | | | | |
| 264.7 | 267.3 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, small patches |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-05

Date: Logged By: DJH Page 8/8

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 267.3 | 268.6 | Dd | | | | 5 | | | | | tr | | <1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 267.3 | 30 | | | | | | | | | | | | | | | | PY as blebs w/ Chl alt'n halos |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg |
| | | | | | | | | | | | | | | | | | | | | | |
| 268.6 | 273.5 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 271.9 | 35 | | | | | | | | | | | | | | | | PY in <vnlts, small patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 273.5 | 274.4 | SPa | | | | | | | | 5 | | | 3 | | | tr | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, vns, vnlts |
| | | | | | | | | | | | | | | | | | | | | | SL in vn w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 274.4 | 275.5 | SPbh | | | | 5 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 274.9 | 50 | | | | | | | | | | | | | | | | PY in vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 275.5 | 276.4 | Dd | | | | | | | | | tr | | <1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 275.5 | 43 | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, slightly irreg |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 276.4m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-05

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 71.7 | no sample | | | | | | | | |
| 323034 | 71.7 | 72.8 | split core | | 1.1 | 100 | 0.128 | 2.1 | 467 | 150 | 74 |
| 323035 | 72.8 | 74.1 | split core | | 1.3 | 100 | 0.012 | 0.1 | 76 | 24 | 100 |
| 323036 | 74.1 | 75.3 | split core | | 1.2 | 100 | 0.018 | 0.5 | 38 | 77 | 60 |
| 323037 | 75.3 | 76.3 | split core | | 1.0 | 100 | 0.019 | 0.2 | 30 | 62 | 51 |
| 323038 | 76.3 | 77.8 | split core | | 1.5 | 100 | 0.008 | 0.1 | 30 | 15 | 39 |
| 323039 | 77.8 | 79.3 | split core | | 1.4 | 93 | 0.701 | 8.6 | 247 | 593 | 583 |
| 323040 | | | standard | | | | 0.901 | 2.9 | 7 | 11700 | 87 |
| 323041 | | | blank | | | | 0.006 | 0.1 | 5 | 133 | 45 |
| 323042 | 79.3 | 80.6 | split core | | 1.3 | 100 | 0.114 | 9.2 | 1235 | 361 | 3930 |
| 323043 | 80.6 | 81.9 | split core | | 1.2 | 92 | 0.021 | 1.7 | 305 | 137 | 361 |
| 323044 | 81.9 | 83.2 | split core | | 1.3 | 100 | 0.127 | 1.8 | 1065 | 103 | 337 |
| | 83.2 | 93.1 | no sample | | | | | | | | |
| 323045 | 93.1 | 94.8 | split core | | 1.7 | 100 | 0.192 | 2.5 | 1405 | 233 | 96 |
| 323046 | 94.8 | 95.8 | split core | | 1.0 | 100 | 0.188 | 2.2 | 1700 | 175 | 52 |
| 323047 | 95.8 | 97.6 | split core | | 1.8 | 100 | 0.390 | 10.9 | 1380 | 867 | 66 |
| | 97.6 | 104.2 | no sample | | | | | | | | |
| 323048 | 104.2 | 105.7 | split core | | 1.5 | 100 | 0.051 | 0.3 | 154 | 37 | 47 |
| 323049 | 105.7 | 106.8 | split core | | 1.1 | 100 | 0.505 | 1.2 | 680 | 146 | 329 |
| 323050 | 106.8 | 107.9 | split core | | 1.1 | 100 | 0.287 | 0.7 | 237 | 23 | 140 |
| 323051 | 107.9 | 109.3 | split core | | 1.4 | 100 | 0.162 | 0.9 | 130 | 82 | 141 |
| | 109.3 | 115.5 | no sample | | | | | | | | |
| 323052 | 115.5 | 117.0 | split core | | 1.5 | 100 | 0.115 | 0.5 | 112 | 23 | 134 |
| 323053 | 117.0 | 118.8 | split core | | 1.8 | 100 | 0.656 | 1.1 | 1100 | 124 | 70 |
| 323054 | 118.8 | 120.4 | split core | | 1.6 | 100 | 0.172 | 1.0 | 402 | 142 | 86 |
| 323055 | 120.4 | 121.9 | split core | | 1.5 | 100 | 1.190 | 2.1 | 1040 | 221 | 84 |
| | 121.9 | 170.6 | no sample | | | | | | | | |
| 323056 | 170.6 | 171.7 | split core | | 1.1 | 100 | 3.390 | 67.4 | 4460 | 111 | 1105 |
| 323057 | 171.7 | 172.9 | split core | | 1.2 | 100 | 3.910 | 47.0 | 4330 | 2390 | 1425 |
| 323058 | 172.9 | 174.2 | split core | | 1.3 | 100 | 0.397 | 2.4 | 1135 | 184 | 1150 |
| 323059 | 174.2 | 175.1 | split core | | 0.8 | 89 | 0.752 | 10.7 | 2710 | 25 | 45 |
| 323060 | | | standard | | | | 1.125 | 3.1 | 14 | 11900 | 82 |

# Assay Sample Log LD05-05

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323061 | | | blank | | | | 0.010 | 0.1 | 7 | 128 | 44 |
| 323062 | 175.1 | 175.9 | split core | | 0.9 | 112 | 0.037 | 1.5 | 155 | 164 | 70 |
| 323063 | 175.9 | 177.4 | split core | | 0.4 | 27 | 0.230 | 6.0 | 1090 | 246 | 630 |
| 323064 | 177.4 | 178.9 | split core | | 1.4 | 93 | 0.813 | 13.3 | 2000 | 165 | 284 |
| 323065 | 178.9 | 180.3 | split core | | 0.9 | 64 | 0.080 | 1.4 | 319 | 128 | 106 |
| 323066 | 180.3 | 181.8 | split core | | 1.3 | 87 | 0.776 | 3.3 | 1715 | 73 | 1425 |
| 323067 | 181.8 | 183.4 | split core | | 1.6 | 100 | 0.171 | 1.5 | 391 | 150 | 262 |
| | 183.0 | 189.6 | no sample | | | | | | | | |
| 323068 | 189.6 | 191.5 | split core | | 1.9 | 100 | 1.565 | 66.7 | 5320 | 7170 | 28800 |
| | 191.5 | 276.4 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| 18722 | 189.6 | 190.4 | resample | | 0.8 | 100 | 1.695 | 40.0 | 4060 | 10100 | 1720 |
| 18723 | 190.4 | 191.1 | resample | | 0.7 | 100 | 3.940 | 47.0 | 7110 | 5690 | 15000 |
| 18724 | 191.1 | 191.5 | resample | | 0.4 | 100 | 0.428 | 94.9 | 2950 | 6210 | 96700 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 276.4m | | | | | | | | | | | |

# RQD Log  LD05-05

Date: June 26          Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 3.7 | | | 136.2 | | |
| 5.2 | 53 | 35 | 139.3 | 275 | 89 |
| 8.2 | 184 | 61 | 142.3 | 300 | 100 |
| 11.3 | 233 | 75 | 145.4 | 267 | 86 |
| 14.3 | 214 | 71 | 148.4 | 263 | 88 |
| 17.4 | 211 | 68 | 151.5 | 253 | 82 |
| 20.4 | 173 | 58 | 154.5 | 262 | 87 |
| 23.5 | 101 | 33 | 157.6 | 283 | 91 |
| 26.5 | 153 | 51 | 160.6 | 265 | 88 |
| 29.6 | 37 | 12 | 163.7 | 281 | 91 |
| 32.6 | 111 | 37 | 166.7 | 230 | 77 |
| 35.7 | 184 | 59 | 169.8 | 202 | 65 |
| 38.7 | 231 | 77 | 172.8 | 270 | 90 |
| 41.8 | 214 | 69 | 175.9 | 170 | 55 |
| 44.8 | 186 | 62 | 178.9 | 91 | 30 |
| 47.9 | 271 | 87 | 179.5 | 11 | 18 |
| 50.9 | 170 | 57 | 179.6 | 0 | 0 |
| 53.9 | 146 | 49 | 180.4 | 0 | 0 |
| 57.0 | 116 | 37 | 182.0 | 72 | 45 |
| 60.0 | 269 | 90 | 185.0 | 245 | 82 |
| 63.1 | 243 | 78 | 188.1 | 284 | 92 |
| 66.1 | 291 | 97 | 191.1 | 266 | 89 |
| 69.2 | 301 | 97 | 194.1 | 268 | 89 |
| 72.2 | 301 | 100 | 197.2 | 274 | 88 |
| 75.3 | 295 | 95 | 200.2 | 251 | 84 |
| 78.3 | 278 | 93 | 203.3 | 252 | 81 |
| 81.4 | 254 | 82 | 206.6 | 290 | 88 |
| 84.4 | 288 | 96 | 209.4 | 196 | 70 |
| 87.5 | 296 | 95 | 212.4 | 254 | 85 |
| 90.5 | 293 | 98 | 215.5 | 266 | 86 |
| 93.6 | 285 | 92 | 218.5 | 271 | 90 |
| 96.6 | 300 | 100 | 221.6 | 186 | 60 |
| 99.7 | 298 | 96 | 224.6 | 132 | 44 |
| 102.7 | 299 | 100 | 227.7 | 169 | 55 |
| 105.8 | 238 | 77 | 230.7 | 266 | 89 |
| 108.8 | 247 | 82 | 233.8 | 224 | 72 |
| 111.9 | 172 | 55 | 236.8 | 196 | 65 |
| 114.9 | 292 | 97 | 239.9 | 238 | 77 |
| 118.0 | 286 | 92 | 242.9 | 215 | 72 |
| 121.0 | 295 | 98 | 246.0 | 287 | 93 |
| 124.0 | 283 | 94 | 249.0 | 215 | 72 |
| 127.1 | 276 | 89 | 252.1 | 128 | 41 |
| 130.1 | 241 | 80 | 255.1 | 235 | 78 |
| 133.2 | 192 | 62 | 258.2 | 279 | 90 |
| 136.2 | 298 | 99 | 261.2 | 284 | 95 |

# RQD Log LD05-05

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 261.2 | | | | | |
| 264.2 | 188 | 63 | | | |
| 267.3 | 284 | 92 | | | |
| 270.3 | 284 | 95 | | | |
| 273.4 | 258 | 83 | | | |
| 276.4 | 255 | 85 | | | |
| | | | | | |
| EOH @ 276.4m | | | | | |

# Survey Log  LD05-06

**UTM Northing:** 6162565.8
**UTM Easting:** 347267.9
**Elevation:** 1373.7
**Length:** 288.6

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 86.0 | | -55.00 | |
| 17 | 5.2 | 60.9 | 82.9 | | -55.00 | 5813 |
| 457 | 139.3 | 64.6 | 86.6 | | -54.00 | 5744 |
| 947 | 288.6 | 72.3 | 94.3 | | -52.70 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

# Diamond Drill Log LD05-06

Date: Logged By: DJH Page 1/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 3.4 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 3.4 | 10.3 | SPbh | | | | 4 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 4.2 | 55 | | | | | | | | | | | | | | | | grades loc. to siliceous phyllite |
| | | | S1 | 9.7 | 55 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 10.3 | 11.7 | SPa | | | | | | | | 5 | | | 3 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | FLT | 11.6 | 60 | | | | | | | | | | | | | | | | 11.3: rubble and gouge (fault-no attitude) |
| | | | | | | | | | | | | | | | | | | | | | 11.6: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 11.7 | 21.5 | SPbh | | | | 2 | | | | 1 | | | <1 | <1 | | tr | | | | | **Incipient Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 12.8 | 70 | | | | | | | | | | | | | | | | wkly phyllitic |
| | | | S1 | 18.4 | 55 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY/PO as blebs, <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | SL in vnlts w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 21.5 | 48.1 | Dd | | | | | | | | | | | <1 | | | | | | | | **Diorite Dyke** |
| | | | FLT | 24.7 | 50 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | magentic, fine-med grained |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitiude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 24.5-24.7: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 48.1 | 129.1 | SPbh | | | | 3 | | | | tr | | | 1 | | | | | | | | **Incipient Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 49.5 | 45 | | | | | | | | | | | | | | | | mod-strong biotite hornfels |
| | | | S1 | 54.7 | 50 | | | | | | | | | | | | | | | | mod phyllitic |
| | | | S1 | 60.6 | 48 | | | | | | | | | | | | | | | | PY as patches, dissem in siliceous laminae |
| | | | S1 | 66.1 | 60 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | S1 | 72.5 | 70 | | | | | | | | | | | | | | | | grades loc to Silcieous Phyllite |
| | | | S1 | 77.8 | 47 | | | | | | | | | | | | | | | | grades loc to Phyllitic Quartzite |
| | | | S1 | 85.1 | 55 | | | | | | | | | | | | | | | | 90.7: PY+SL+GL+CB vn @ 20/25mm |
| | | | S1 | 88.2 | 65 | | | | | | | | | | | | | | | | S1 loc contorted |
| | | | S1 | 98.8 | 65 | | | | | | | | | | | | | | | | 126.2-126.5: bxia zone w/ sulphide matrix and frag. replacement |
| | | | S1 | 102.7 | 70 | | | | | | | | | | | | | | | | (45% PY, 5% AS, 2% stibnite?) |
| | | | S1 | 108.6 | 60 | | | | | | | | | | | | | | | | lower cnt gradational |

**Diamond Drill Log** **LD05-06**

Date: Logged By: DJH Page 2/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | S1 | 112.6 | 48 | | | | | | | | | | | | | | | | **48.1-129.1 cont'd** |
| | | | S1 | 121.5 | 43 | | | | | | | | | | | | | | | | |
| | | | S1 | 127.1 | 43 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 129.1 | 133.4 | SPa | | | | 1 | | | | 4 | | | 1 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 129.9 | 53 | | | | | | | | | | | | | | | | grades loc to Silcieous Phyllite (ie incomplete Ser. alt'n) |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 133.4 | 134.1 | Md | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | cnts gradational over 0.1m |
| | | | | | | | | | | | | | | | | | | | | | |
| 134.1 | 137.2 | SPbh | | | | 5 | | | | | | | | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 134.5 | 51 | | | | | | | | | | | | | | | | 336.4-336.5: diorite dyklet |
| | | | | | | | | | | | | | | | | | | | | | |
| 137.2 | 140.5 | Dd | | | | | | | | tr | | | tr | tr | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | *not typical diorite (2-3% biotite, fine-med grained, non-magetic) |
| | | | | | | | | | | | | | | | | | | | | | PY/PO in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irregular (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irregular (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 140.5 | 142.1 | SPbh | | | | 5 | | | | | | | tr | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 142.1 | 142.8 | Dd | | | | | | | | | | | | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 137.2-140.5 |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 142.8 | 146.7 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 143.6 | 45 | | | | | | | | | | | | | | | | PY as loc patches |
| | | | | | | | | | | | | | | | | | | | | | 145.7-146.5: strongly fractured w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 146.7 | 148.2 | Md | | | | | | | | | 1 | | 3 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 148.2 | 40 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-06

Date: Logged By: DJH Page 3/5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 148.2 | 148.5 | SPbh | | | | 5 | | | | | | | tr | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 148.5 | 149.8 | Dd | | | | | | | | | tr | | tr | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts; Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 149.8 | 150.5 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 150.5 | 154.5 | Md | | | | | | | | 1 | | | 3 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts; Ser alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 154.5 | 156.2 | SPa | | | | 1 | | | | 4 | | | 4 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Silcieous Phyllite (ie incomplete Ser alt'n) |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches; |
| | | | | | | | | | | | | | | | | | | | | | |
| 156.2 | 157.7 | Dd | | | | | | | | | tr | | tr | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | |
| 157.7 | 160.6 | Md | | | | | | | | 5 | | | 5 | | | | | | | | **Monzonite Dyke** |
| | | | 160.6 | CN | 35 | | | | | | | | | | | | | | | | pervasive Ser alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | 158.2-158.7: fault gouge w/ 15% PY+stibnite? |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 160.6 | 168.6 | SPbh | | | | 3 | | | | 2 | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite (ie incomplete Ser alt'n |
| | | | | | | | | | | | | | | | | | | | | | of Biotite Hornfelsed Siliceous Phyllite) |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |

**Diamond Drill Log** **LD05-06**

Date: Logged By: DJH Page 4/ 5

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| 168.6 | 171.8 | Dd | | | | | | | | | tr | | 2 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 171.8 | 175.9 | SPbh | | | | 4 | | | | 1 | | | | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 173.3 | 25 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | |
| 175.9 | 178.2 | SPa | | | | <1 | | | | 5 | | | 4 | | | tr | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | SL in patches w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 178.2 | 181.5 | SPbh | | | | 5 | | | | <1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 179.0 | 25 | | | | | | | | | | | | | | | | S1 generally contorted |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 181.5 | 182.8 | SPa | | | | <1 | | | | 5 | | | <1 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 182.8 | 288.6 | Dd | | | | | | | | tr | tr | | <1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | med grey/green, magnetic, fine-med grained |
| | | | | | | | | | | | | | | | | | | | | | PY in <vntls, blebs, rare vns |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 216.5-221.0: finer grained phase w/ gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | Ser alt'n selvages on PY+CB vnlts |
| | | | | | | | | | | | | | | | | | | | | | 239.5: Calcite+Chl+PY+MG vn @48/40mm |
| | | | | | | | | | | | | | | | | | | | | | 247.5-248.7: pale grrenish/grey, pervasive Clay+carbonate alt'd (fault zone?); |
| | | | | | | | | | | | | | | | | | | | | | locally brecciated w/ carbonate matrix; rubbly core |
| | | | | | | | | | | | | | | | | | | | | | 255.8-256.4: pale grrenish/grey, pervasive Clay+Carbonate alt'n |
| | | | | | | | | | | | | | | | | | | | | | 267.8-269.6: pervasive Chl+carbonate alt'n w/ loc fault gouge and rubble |
| | | | | | | | | | | | | | | | | | | | | | 275.9-276.1: 4 vnlts w/ AS+SL+PY |
| | | | | | | | | | | | | | | | | | | | | | 276.9-278.8: pervasive Chl+carbonate alt'n w/ loc Clay gouge and rubble |
| | | | | | | | | | | | | | | | | | | | | | 278.6: AS+PY vnlt |
| | | | | | | | | | | | | | | | | | | | | | 284.8: PY+Marcasite? vein @30/20mm |
| | | | | | | | | | | | | | | | | | | | | | 286.5: SL+AS+PY vns (2) @ 70/12mm |

# Diamond Drill Log LD05-06

Date: Logged By: DJH Page 5/

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Si | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **182.8-288.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 287.7-288.6: pervaive Chl+carbonate alt'n w/ gradational cnt |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 288.6m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-06

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 125.5 | no sample | | | | | | | | |
| 323069 | 125.5 | 127.0 | split core | | 1.5 | 100 | 0.278 | 5.5 | >10000 | 199 | 341 |
| | 127.0 | 157.7 | no sample | | | | | | | | |
| 323070 | 157.7 | 159.2 | split core | | 1.3 | 87 | 0.165 | 65.6 | 5180 | 256 | 489 |
| | 159.2 | 288.6 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 288.6m | | | | | | | | | | | |

# RQD Log  LD05-06

Date:  Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| | | | 133.2 | | |
| 5.2 | 115 | 22 | 136.2 | 218 | 73 |
| 8.3 | 234 | 75 | 139.3 | 159 | 51 |
| 11.3 | 239 | 80 | 142.3 | 107 | 36 |
| 14.3 | 203 | 68 | 145.4 | 221 | 71 |
| 17.4 | 225 | 73 | 148.4 | 15 | 5 |
| 20.4 | 226 | 75 | 151.5 | 249 | 80 |
| 23.5 | 300 | 97 | 154.5 | 240 | 80 |
| 26.5 | 256 | 85 | 157.6 | 243 | 78 |
| 29.6 | 266 | 86 | 160.6 | 176 | 59 |
| 32.6 | 294 | 98 | 163.7 | 145 | 47 |
| 35.7 | 288 | 93 | 166.7 | 193 | 64 |
| 38.7 | 257 | 86 | 169.8 | 197 | 64 |
| 41.8 | 219 | 71 | 172.8 | 158 | 53 |
| 44.8 | 191 | 64 | 175.9 | 169 | 55 |
| 47.9 | 206 | 66 | 178.9 | 181 | 60 |
| 50.9 | 286 | 95 | 182.0 | 121 | 39 |
| 53.9 | 284 | 95 | 185.0 | 155 | 52 |
| 57.0 | 297 | 96 | 188.1 | 283 | 91 |
| 60.0 | 277 | 92 | 191.1 | 213 | 71 |
| 63.1 | 270 | 87 | 194.1 | 203 | 68 |
| 66.1 | 299 | 100 | 197.2 | 162 | 52 |
| 69.2 | 302 | 97 | 200.2 | 227 | 76 |
| 72.2 | 258 | 86 | 203.3 | 230 | 74 |
| 75.3 | 196 | 63 | 206.3 | 242 | 81 |
| 78.3 | 241 | 80 | 209.4 | 214 | 69 |
| 81.4 | 230 | 74 | 212.4 | 223 | 74 |
| 84.4 | 260 | 87 | 215.5 | 221 | 71 |
| 87.5 | 265 | 85 | 218.5 | 270 | 90 |
| 90.5 | 286 | 95 | 221.6 | 251 | 81 |
| 93.6 | 206 | 66 | 224.6 | 190 | 63 |
| 95.1 | 116 | 77 | 227.7 | 162 | 52 |
| 96.6 | 84 | 56 | 230.7 | 252 | 84 |
| 99.7 | 299 | 96 | 233.7 | 243 | 81 |
| 102.7 | 276 | 92 | 236.8 | 243 | 78 |
| 105.8 | 274 | 88 | 239.9 | 280 | 90 |
| 108.8 | 192 | 64 | 242.9 | 135 | 45 |
| 111.9 | 226 | 73 | 246.0 | 163 | 53 |
| 114.9 | 203 | 68 | 249.0 | 141 | 47 |
| 118.0 | 162 | 52 | 252.1 | 133 | 43 |
| 121.0 | 231 | 77 | 255.1 | 134 | 45 |
| 124.0 | 202 | 67 | 258.2 | 220 | 71 |
| 127.1 | 245 | 79 | 261.2 | 201 | 67 |
| 130.1 | 267 | 89 | 264.2 | 228 | 76 |
| 133.2 | 276 | 89 | 267.3 | 153 | 49 |

# RQD Log LD05-06

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 267.3 | | | | | |
| 270.3 | 165 | 55 | | | |
| 273.4 | 99 | 32 | | | |
| 276.4 | 116 | 39 | | | |
| 279.5 | 175 | 56 | | | |
| 282.5 | 227 | 76 | | | |
| 285.6 | 114 | 37 | | | |
| 288.6 | | | | | |
| | | | | | |
| EOH @ 288.6m | | | | | |

# Survey Log  LD05-07

**UTM Northing:** 6162561.0
**UTM Easting:** 347223.6
**Elevation:** 1393.7
**Length:** 276.4

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 85.0 | | -65.00 | |
| 117 | 35.7 | 60 | 82.0 | | -64.10 | 5744 |
| 317 | 96.6 | 65.8 | 87.8 | | -64.20 | 5751 |
| 517 | 157.6 | 61.6 | 83.6 | | -63.50 | 5759 |
| 707 | 215.5 | 64.5 | 86.5 | | -63.60 | 5900 |
| 907 | 276.4 | 66.7 | 88.7 | | -62.80 | 5785 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

# Diamond Drill Log LD05-07

Date: Logged By: DJH Page 1/ 6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 3.0 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 3.0 | 8.6 | SPbh | | | | 5 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 7.1 | 53 | | | | | | | | | | | | | | | | grades loc. to Biotite Hornfelsed Phyllitic Quartzite |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 8.6 | 11.2 | Md | | | | | | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 8.6 | 52 | | | | | | | | | | | | | | | | lt gy, fine-med grained, w/ 10% plag phenos to 3mm |
| | | | CN | 11.2 | 85 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, x-cuts S1 |
| | | | | | | | | | | | | | | | | | | | | | |
| 11.2 | 14.2 | SPbh | | | | 5 | | | | tr | | | | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 12.4 | 52 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite w/ 1% PO as patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 14.2 | 18.7 | SP | | | | 1 | | | | tr | | | | | | | | | | | **Incipient Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 16.4 | 58 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | no sulphide mineralization |
| | | | | | | | | | | | | | | | | | | | | | gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | |
| 18.7 | 22.4 | SPbh | | | | 1 | | | | tr | | | 1 | | | | | | | | **Incipient Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | siliceous laminae are broken and rotated |
| | | | | | | | | | | | | | | | | | | | | | minor Sericite Altered Siliceous Phyllite developed as selvages on PY vns |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 22.4 | 24.1 | Md | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | CN | 22.4 | 38 | | | | | | | | | | | | | | | | a/a 8.6-11.2 |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | Carbonate+AS+SL vn @ lower cnt. |
| | | | | | | | | | | | | | | | | | | | | | |
| 24.1 | 39.0 | SPbh | | | | 5 | | | | tr | | | <1 | | | <1 | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 26.7 | 52 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | S1 | 38.6 | 30 | | | | | | | | | | | | | | | | 29.6 carbonate+PY+SL+AS vn or replacement band |
| | | | | | | | | | | | | | | | | | | | | | 29.8-29.9: gouge w/ sulphides |

# Diamond Drill Log LD05-07

Date: Logged By: DJH Page 2/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | | **24.1-39.0 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | | PY as cubes to 10mm |
| | | | | | | | | | | | | | | | | | | | | | | 29.6: SL patches |
| | | | | | | | | | | | | | | | | | | | | | | PY in vnlts, patches proximal to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | | 33.8-35.0: Sericite Altered Siliceous Phyllite w/ PY+SL in vnlts |
| | | | | | | | | | | | | | | | | | | | | | | |
| 39.0 | 42.2 | SPa | | | | | | | | 5 | | | 2 | | | <1 | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | | PY+/-SL in vnlts |
| | | | | | | | | | | | | | | | | | | | | | | 41.5-41.6: patches of coarse cubic PY and SL in a Qtz+Carbonate matrix |
| | | | | | | | | | | | | | | | | | | | | | | |
| 42.2 | 44.2 | SPbh | | | | 5 | | | | | | | tr | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | | PO/PY as patches |
| | | | | | | | | | | | | | | | | | | | | | | |
| 44.2 | 46.5 | Dd | | | | | | | | 2 | | | | | | | | | | | | **Diorite Dyke** |
| | | | CN | 44.2 | 45 | | | | | | | | | | | | | | | | | 44.2-45.9: unaltered |
| | | | | | | | | | | | | | | | | | | | | | | 45.9-46.5: pervasive Ser alt'n (monzonite or altered diorite) |
| | | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar w/ 50mm Biotite Hornfelsed Siliceous Phyllite inclusion |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | | |
| 45.6 | 51.9 | SPbh | | | | 3 | | | | 2 | | | 1 | | | | | tr | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 48.5 | 60 | | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | | 48.8-49.1: Diorite dyklet |
| | | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | | AS in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | | |
| 51.9 | 60.6 | SPa | | | | tr | | | | 4 | | | 2 | | | tr | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 52.5 | 70 | | | | | | | | | | | | | | | | | grades loc. to Biotite Hornfelsed Siliceous Phyllite and Siliceous Phyllite |
| | | | S1 | 58.5 | 58 | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, rare vns. |
| | | | | | | | | | | | | | | | | | | | | | | SL patch @ 56.1 |
| | | | | | | | | | | | | | | | | | | | | | | 53.6-53.9: strongly fractured w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | | 60.1-60.6: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | | |
| 60.6 | 82.9 | SPbh | | | | 1 | | | | <1 | | | 3 | | | | | | | | | **Incipient Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 62.6 | 47 | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, rare vns w/ Qtz |
| | | | FLT | 72.9 | 20 | | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite and Siliceous Phyllite |

# Diamond Drill Log LD05-07

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **60.6-82.9 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | biotite dev. in patches |
| | | | | | | | | | | | | | | | | | | | | | 64.9-65.1: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 66.2-66.5: strongly fractured w/ minor gouge |
| | | | | | | | | | | | | | | | | | | | | | 67.8-68.0: strongly fractured w/ minor gouge |
| | | | | | | | | | | | | | | | | | | | | | 72.9-73.3: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 82.9 | 115.9 | Dd | | | | | | | | tr | | | <1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 82.9 | 35 | | | | | | | | | | | | | | | | med/dk grey, variably magnetic |
| | | | | | | | | | | | | | | | | | | | | | loc. wk Ser alt'n selvages on PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, slightly undulating |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 86.1-86.6: strongly fractured w/ minor gouge |
| | | | | | | | | | | | | | | | | | | | | | 115.6-115.9: strongly fractured w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 115.9 | 173.2 | SPbh | | | | 4 | | | | 1 | | | 1 | tr | | tr | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 119.5 | 45 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | S1 | 126.5 | 35 | | | | | | | | | | | | | | | | PY in <vnlts, patches, rare vns |
| | | | S1 | 132.1 | 45 | | | | | | | | | | | | | | | | PO in patches |
| | | | S1 | 137.3 | 45 | | | | | | | | | | | | | | | | SL in vnlt w/ PY+Qtz @ 130.0 |
| | | | S1 | 141.6 | 42 | | | | | | | | | | | | | | | | 115.9-117.1: Sericite Altered Siliceous Phyllite |
| | | | S1 | 147.1 | 40 | | | | | | | | | | | | | | | | 116.5: PY vn? 40mm wide |
| | | | FLT | 149.4 | 25 | | | | | | | | | | | | | | | | 133.2: gouge @ 50/35mm, S1 conformable (ie fault parallel to S1) |
| | | | FLT | 150.6 | 20 | | | | | | | | | | | | | | | | 149.4: 30mm fault gouge |
| | | | FLT | 151.1 | 20 | | | | | | | | | | | | | | | | 150.6: 20mm fault gouge |
| | | | FLT | 151.8 | 15 | | | | | | | | | | | | | | | | 151.7-151.8: fault gouge |
| | | | S1 | 158.9 | 35 | | | | | | | | | | | | | | | | 157.1-157.6: biotite diorite dyke w/ sharp, planar cnts (secondary biotite?) |
| | | | S1 | 166.4 | 45 | | | | | | | | | | | | | | | | |
| | | | S1 | 171.6 | 62 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 173.2 | 179.7 | LS | | | | | tr | 5 | | | | | | tr | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | massive, med grey, recrystallized (marble) |
| | | | | | | | | | | | | | | | | | | | | | prograde skarn band @ upper cnt w/ pyx-garnet & 5% PO (25mm wide) |
| | | | | | | | | | | | | | | | | | | | | | patches of yellow garnet @ 173.4 |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-07

Date: Logged By: DJH Page 4/ 6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | | |
| 179.7 | 181.9 | LSm | | | | | | | 5 | | | | 20 | | | | | <1 | | | | **Mineralized Limestone** |
| | | | | | | | | | | | | | | | | | | | | | | patches of massive PY+marcasite w/ minor AS |
| | | | | | | | | | | | | | | | | | | | | | | CRD mineralization |
| | | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt not observed (broken core and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | | |
| 181.9 | 187.6 | SPa | | | | | | | | 5 | | | 7 | | | | | | | | | **Weakly Mineralized Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | | PY+Marcasite? as bxia matrix, vnlts, vns |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | | |
| 187.6 | 189.5 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 189.3 | 47 | | | | | | | | | | | | | | | | | PY in vnlts w/ Marcasite |
| | | | | | | | | | | | | | | | | | | | | | | gradational lower cnt |
| | | | | | | | | | | | | | | | | | | | | | | |
| 189.5 | 190.5 | SPa | | | | | | | | 5 | | | 10 | | | | | | | | | **Weakly Mineralized Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | | PY as patches, vns, vnlts (replacements and open space filling) |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irregular |
| | | | | | | | | | | | | | | | | | | | | | | |
| 190.5 | 191.7 | MS | | | | | | | | | | | 90 | | | 2 | | 2 | | | | **Massive Pyrite** |
| | | | | | | | | | | | | | | | | | | | | | | locally vuggy |
| | | | | | | | | | | | | | | | | | | | | | | PY as coarse cubic masses |
| | | | | | | | | | | | | | | | | | | | | | | CP as blebs in last half of interval |
| | | | | | | | | | | | | | | | | | | | | | | AS as blebs |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irregular |
| | | | | | | | | | | | | | | | | | | | | | | |
| 191.7 | 192.6 | SPa | | | | | | | | 5 | | | 10 | | | | | | | | | **Weakly Mineralized Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | | |
| 192.6 | 221.6 | SPbh | | | | 5 | | | | tr | | | <1 | tr | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 195.4 | 48 | | | | | | | | | | | | | | | | | PY in vnlts, vns |
| | | | S1 | 201.2 | 43 | | | | | | | | | | | | | | | | | PO in vnlts w/ PY |
| | | | S1 | 206.9 | 56 | | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite proximal to sulphide vns |
| | | | S1 | 210.9 | 51 | | | | | | | | | | | | | | | | | 206.1-206.5: monzonite dyklet w/ sharp, irreg cnts |
| | | | S1 | 218.0 | 58 | | | | | | | | | | | | | | | | | 213.0-213.3: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | | 213.8-214.0: strongly fractured w/ fault gouge |

## Diamond Drill Log LD05-07

Date: Logged By: DJH Page 5/ 6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **192.6-221.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 216.0-216.4: prograde skarn w/ GL+epidote+pyx |
| | | | | | | | | | | | | | | | | | | | | | |
| 221.6 | 227.2 | Dd | | | | | | | | | | | tr | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | dark grey, fine-med grained, magnetic |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | grades along interval to monzonite |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 227.2 | 233.9 | SPbh | | | | 5 | | | | | | | tr | tr | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 232.2 | 45 | | | | | | | | | | | | | | | | PY/PO as patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 229.9-230.1: monzonite dyke |
| | | | | | | | | | | | | | | | | | | | | | 230.5-230.8: monzonite dyke |
| | | | | | | | | | | | | | | | | | | | | | |
| 233.9 | 237.1 | SPa | | | | 1 | | | | 4 | | | 7 | | 0.3 | | | | | | **Weakly Mineralized Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc. to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts, vns |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs in PY patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 237.1 | 241.1 | SPbh | | | | 4 | | | | 1 | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 240.6 | 60 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite proximal to PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | PY in <vntls, vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 241.1 | 241.8 | SPa | | | | 1 | | | | 4 | | | 3 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vns |
| | | | | | | | | | | | | | | | | | | | | | tr. Stibnite? in vn w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 241.8 | 245.5 | Md | | | | | | | | tr | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 241.8 | 45 | | | | | | | | | | | | | | | | grades loc. to diorite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irregular (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | 245.3-245.4: strongly fractured w/o gouge |

# Diamond Drill Log LD05-07

Date: Logged By: DJH Page 6/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 245.5 | 251.3 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 249.8 | 45 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 251.3 | 253.6 | Dd | | | | | | | | tr | | | <1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | Ser alt'n selvages on <vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 253.6 | 256.8 | SPbh-SPa | | | | 2.5 | | | | 2.5 | | | 2 | | | | | | | | **Mixed Interval of Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | **and Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | ie incomplete Ser alt'n (transition zone) |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 256.8 | 276.4 | SPbh | | | | 5 | | | | tr | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 257.6 | 38 | | | | | | | | | | | | | | | | PY as dissems, <vnlts |
| | | | FLT | 261.7 | 45 | | | | | | | | | | | | | | | | 261.7-263.6: strongly fractured w/ loc fault gouge |
| | | | S1 | 261.8 | 50 | | | | | | | | | | | | | | | | 266.2-266.8: strongly fractured w/ loc fault gouge |
| | | | FLT | 263.3 | 50 | | | | | | | | | | | | | | | | 267.8-267.9: diorite dyklet |
| | | | FLT | 266.2 | 27 | | | | | | | | | | | | | | | | 268.1-268.3: diorite dyklet |
| | | | S1 | 266.6 | 42 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 273.8 | 43 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 276.4m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-07

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 39.0 | no sample | | | | | | | | |
| 323071 | 39.0 | 40.6 | split core | | 1.4 | 87 | 0.209 | 4.6 | 3040 | 64 | 1105 |
| 323072 | 40.6 | 42.2 | split core | | 1.4 | 87 | 0.228 | 21.9 | 3730 | 215 | 5300 |
| | 42.2 | 179.7 | no sample | | | | | | | | |
| 323073 | 179.7 | 180.9 | split core | | 1.0 | 83 | 0.054 | 0.8 | 2580 | 216 | 29 |
| 323074 | 180.9 | 181.9 | split core | | 1.0 | 100 | 0.037 | 1.9 | 1985 | 355 | 152 |
| 323075 | 181.9 | 183.5 | split core | | 1.4 | 88 | 0.011 | 0.5 | 655 | 39 | 288 |
| 323076 | 183.5 | 185.0 | split core | | 1.5 | 100 | 0.014 | 0.4 | 460 | 114 | 75 |
| 323077 | 185.0 | 186.5 | split core | | 1.5 | 100 | 0.031 | 0.8 | 609 | 225 | 431 |
| 323078 | 186.5 | 187.6 | split core | | 1.0 | 91 | 0.023 | 0.7 | 275 | 126 | 74 |
| 323079 | 187.6 | 189.5 | split core | | 1.9 | 100 | 0.011 | 0.4 | 83 | 55 | 37 |
| 323080 | | | standard | | | | 0.912 | 2.7 | 20 | 12000 | 84 |
| 323081 | | | blank | | | | 0.007 | 0.1 | 7 | 138 | 45 |
| 323082 | 189.5 | 190.5 | split core | | 1.0 | 100 | 0.133 | 3.3 | 1310 | 376 | 263 |
| 323083 | 190.5 | 191.7 | split core | | 1.2 | 100 | 1.81 | 20.3 | >10000 | 2350 | 410 |
| 323084 | 191.7 | 192.6 | split core | | 0.9 | 100 | 0.101 | 1.2 | 703 | 105 | 174 |
| 323085 | 192.6 | 194.1 | split core | | 1.4 | 93 | 0.069 | 0.6 | 432 | 116 | 134 |
| 323086 | 194.1 | 195.6 | split core | | 1.5 | 100 | 0.105 | 0.9 | 303 | 182 | 166 |
| | 195.6 | 233.9 | no sample | | | | | | | | |
| 323087 | 233.9 | 235.6 | split core | | 1.5 | 88 | 0.164 | 7.7 | 1845 | 442 | 56 |
| 323088 | 235.6 | 237.1 | split core | | 1.5 | 100 | 0.187 | 2.1 | 1175 | 86 | 47 |
| | 237.0 | 276.4 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 276.4m | | | | | | | | | | | |

# RQD Log LD05-07

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 3.0 | | | 136.2 | | |
| 5.2 | 153 | 70 | 139.3 | 219 | 71 |
| 8.2 | 272 | 91 | 142.3 | 193 | 64 |
| 11.3 | 192 | 62 | 145.4 | 229 | 74 |
| 14.3 | 276 | 92 | 148.4 | 195 | 65 |
| 17.4 | 170 | 55 | 151.5 | 235 | 76 |
| 20.4 | 248 | 83 | 154.5 | 270 | 90 |
| 23.5 | 274 | 88 | 157.6 | 239 | 77 |
| 26.5 | 167 | 56 | 160.6 | 144 | 48 |
| 29.6 | 252 | 81 | 163.7 | 282 | 91 |
| 32.6 | 201 | 67 | 166.7 | 262 | 87 |
| 35.7 | 221 | 71 | 169.8 | 205 | 66 |
| 38.7 | 273 | 91 | 172.8 | 287 | 96 |
| 41.8 | | 0 | 175.9 | 279 | 90 |
| 44.8 | 238 | 79 | 178.9 | 226 | 75 |
| 47.9 | 222 | 72 | 182.0 | 201 | 65 |
| 50.9 | 205 | 68 | 185.0 | 276 | 92 |
| 53.9 | 161 | 54 | 188.1 | 267 | 86 |
| 57.0 | 134 | 43 | 191.1 | 277 | 92 |
| 60.0 | 242 | 81 | 194.1 | 261 | 87 |
| 63.1 | 144 | 46 | 197.2 | 201 | 65 |
| 66.1 | 88 | 29 | 200.2 | 201 | 67 |
| 69.2 | 195 | 63 | 203.3 | 183 | 59 |
| 72.2 | 228 | 76 | 206.3 | 231 | 77 |
| 75.3 | 229 | 74 | 209.4 | 181 | 58 |
| 78.3 | 231 | 77 | 212.4 | 174 | 58 |
| 81.4 | 131 | 42 | 215.5 | 177 | 57 |
| 84.4 | 135 | 45 | 218.5 | 206 | 69 |
| 87.5 | 270 | 87 | 221.6 | 242 | 78 |
| 90.5 | 122 | 41 | 224.6 | 123 | 41 |
| 93.6 | 206 | 66 | 227.7 | 141 | 45 |
| 96.6 | 191 | 64 | 230.7 | 177 | 59 |
| 99.7 | 139 | 45 | 233.8 | 172 | 55 |
| 102.7 | 187 | 62 | 236.8 | 271 | 90 |
| 105.8 | 174 | 56 | 239.9 | 185 | 60 |
| 108.8 | 215 | 72 | 242.9 | 253 | 84 |
| 111.9 | 127 | 41 | 246.0 | 222 | 72 |
| 114.9 | 161 | 54 | 249.0 | 208 | 69 |
| 118.0 | 204 | 66 | 252.1 | 234 | 75 |
| 121.0 | 233 | 78 | 255.1 | 275 | 92 |
| 124.0 | 279 | 93 | 258.2 | 250 | 81 |
| 127.1 | 238 | 77 | 261.2 | 87 | 29 |
| 130.1 | 234 | 78 | 264.2 | 133 | 44 |
| 133.2 | 259 | 84 | 267.3 | 186 | 60 |
| 136.2 | 276 | 92 | 270.3 | 237 | 79 |

# RQD Log LD

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 270.3 | | | | | |
| 273.4 | 2612 | 843 | | | |
| 276.4 | 278 | 93 | | | |
| | | | | | |
| EOH @ 276.4m | | | | | |

# Survey Log  LD05-08

**UTM Northing:** 6162618.6
**UTM Easting:** 347217.8
**Elevation:** 1375.8
**Length:** 282.5

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 86.0 | | -65.00 | |
| 107 | 32.6 | 61.6 | 83.6 | | -65.20 | 5778 |
| 307 | 93.6 | 68.7 | 90.7 | | -64.30 | 5718 |
| 507 | 154.5 | 63.7 | 85.7 | | -63.50 | 5762 |
| 707 | 215.5 | 65.9 | 87.9 | | -63.40 | 5760 |
| 907 | 276.4 | 69.8 | 91.8 | | -63.10 | 5783 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

# Diamond Drill Log LD05-08

Date: Logged By: DJH Page 1/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 3.4 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 3.4 | 12.8 | SPbh | | | | 5 | | | | tr | | | 1 | | | | | | | | Biotite Hornfelsed Siliceous Phyllite |
| | | | S1 | 8.2 | 40 | | | | | | | | | | | | | | | | **PY in <vnlts, rare vns to 5mm** |
| | | | | | | | | | | | | | | | | | | | | | 3.4-6.2: strongly fractured w/ Fe oxides on fractures |
| | | | | | | | | | | | | | | | | | | | | | 6.1-6.2: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 6.2-12.8: Fe oxides on fractures |
| | | | | | | | | | | | | | | | | | | | | | |
| 12.8 | 14.3 | SPbh | | | | 5 | | | | | | | 2 | | | | | | | | **Brecciated Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | loc. monzonite frags |
| | | | | | | | | | | | | | | | | | | | | | grades loc to unbrecciated Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 14.3 | 16.5 | Fd | | | | | | | | tr | tr | | <1 | | | | | | | | **Felsite Dyke** |
| | | | CN | 16.5 | 50 | | | | | | | | | | | | | | | | lt grey/green, v. fine grained to aphanitic, w/ 5% plag phenos to 2mm |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 16.5 | 27.4 | SPbh | | | | 5 | | | | | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 20.9 | 50 | | | | | | | | | | | | | | | | siliceous laminae are generally broken and rotated |
| | | | S1 | 25.0 | 60 | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | 19.0-20.4: moderately fractured w/ Fe oxide on surfaces; loc gouge and rubble |
| | | | | | | | | | | | | | | | | | | | | | |
| 27.4 | 35.5 | Fd | | | | | | | | tr | tr | | <1 | | | | | | | | **Felsite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 14.3-16.5 |
| | | | | | | | | | | | | | | | | | | | | | strongly fractured |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg. (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | 32.1-32.6: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 35.5 | 43.6 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 35.9 | 46 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, rare vns w/ Qtz, patches |
| | | | S1 | 41.3 | 70 | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-08

Date: Logged By: DJH Page 2/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 43.6 | 47.4 | Fd | | | | | | | | tr | tr | | 1 | | | | | | | | **Felsite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 14.3-16.5 |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar? (no attitude due to broken core) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, w/ minor slickensides (ie fault) |
| | | | | | | | | | | | | | | | | | | | | | strongly fractured w/ local gouge @ 44.5, 45.2, 46.9m |
| | | | | | | | | | | | | | | | | | | | | | |
| 47.4 | 69.4 | SPbh | | | | 3 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 49.8 | 60 | | | | | | | | | | | | | | | | grades loc to Siliceous Phyllite |
| | | | S1 | 55.3 | 65 | | | | | | | | | | | | | | | | wkly phyllitic |
| | | | S1 | 60.0 | 50 | | | | | | | | | | | | | | | | siliceous laminae are generally broken and stretched |
| | | | S1 | 66.0 | 60 | | | | | | | | | | | | | | | | PY in <vnlts, rare vnlts |
| | | | FLT | 66.9 | 52 | | | | | | | | | | | | | | | | 47.5-47.9: strongly fractured w/ clay alt'n |
| | | | | | | | | | | | | | | | | | | | | | 49.1-49.2: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 67.8-67.9: rubble and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 69.4 | 70.4 | Md | | | | | | | | tr | tr | | 1 | | | | | | | | **Biotite Altered Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | fine grained, wkly magnetic, w/ 20% plag phenos to 3mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc Ser alt'n proximal to PY <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 70.4 | 89.3 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 71.6 | 45 | | | | | | | | | | | | | | | | as above 47.4-69.4 |
| | | | S1 | 78.5 | 55 | | | | | | | | | | | | | | | | siliceous laminae are generally broken and stretched |
| | | | S1 | 84.0 | 60 | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | grades to Sericite Altered Siliceous Phyllite @ end of interval |
| | | | | | | | | | | | | | | | | | | | | | 75.3-75.8: strongly fractured w/ fault gouge @ 75.3 (no attitude due to broken core) |
| | | | | | | | | | | | | | | | | | | | | | |
| 89.3 | 100.3 | Dd | | | | | | | | | tr | | <1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained, magnetic, non-porphyritic |
| | | | | | | | | | | | | | | | | | | | | | Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY as specks |
| | | | | | | | | | | | | | | | | | | | | | tr Epidote blebs |
| | | | | | | | | | | | | | | | | | | | | | 98.2-98.4: strongly fractured w/o gouge |

# Diamond Drill Log LD05-08

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **89.3-100.3 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 100.3 | 111.9 | SPbh | | | | 4 | | | | 1 | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 101.5 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to PY vnlts |
| | | | S1 | 107.3 | 45 | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 111.9 | 113.8 | Md | | | | | | | | | | | 1 | | | | | | | | **Biotite Altered Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | w/ lt brown secondary biotite rich patches |
| | | | | | | | | | | | | | | | | | | | | | loc stoped phyllite frags |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 113.8 | 172.9 | SPbh | | | | 5 | | | | <1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 119.3 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 125.5 | 45 | | | | | | | | | | | | | | | | PY in rare vns, rare vnlts, <vnlts |
| | | | S1 | 131.0 | 50 | | | | | | | | | | | | | | | | siliceous laminae are loc broken and stretched |
| | | | S1 | 138.4 | 53 | | | | | | | | | | | | | | | | biotite rich laminae are loc alt'd to Ser |
| | | | S1 | 145.6 | 50 | | | | | | | | | | | | | | | | 155.4: Qtz+PY+SL vn 50mm wide |
| | | | S1 | 150.7 | 43 | | | | | | | | | | | | | | | | 163.2-164.2: PY+AS+SL vns |
| | | | S1 | 156.9 | 47 | | | | | | | | | | | | | | | | 167.4-168.4: PY+AS vns |
| | | | S1 | 161.4 | 60 | | | | | | | | | | | | | | | | 170.0-171.0: PY+AS+Qtz vns |
| | | | S1 | 167.4 | 45 | | | | | | | | | | | | | | | | |
| | | | S1 | 171.5 | 52 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 172.9 | 177.6 | Md | | | | | | | | tr | tr | | 1 | | | | | | | | **Biotite Altered Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | a/a 111.9-113.8 |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | Ser+Chl selvages on PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 177.6 | 210.3 | SPbh | | | | 4 | | | | 1 | tr | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 184.1 | 37 | | | | | | | | | | | | | | | | biotite rich laminae locally alt'd to Ser |
| | | | S1 | 188.6 | 50 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | S1 | 193.9 | 48 | | | | | | | | | | | | | | | | wkly phyllitic |
| | | | S1 | 198.3 | 38 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |

# Diamond Drill Log LD05-08

Date: Logged By: DJH Page 4/ 6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **177.6-210.3 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 188.3: PY+AS vnlt |
| | | | | | | | | | | | | | | | | | | | | | 190.9-192.4: 5%PY in vns, patches; 1%AS in vns associated with |
| | | | | | | | | | | | | | | | | | | | | | Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | 198.4-199.9: 5%PY+3%marcasite in vns, vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 210.3 | 213.4 | Fd | | | | | | | | tr | | | 2 | | | | | | | | **Felsite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, small patches |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 213.4 | 226.0 | SPbh | | | | 4 | | | | | tr | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 221.6 | 45 | | | | | | | | | | | | | | | | a/a 177.6-210.3 |
| | | | | | | | | | | | | | | | | | | | | | v. irreg, biotite rich laminae are loc. alt'd to Ser. |
| | | | | | | | | | | | | | | | | | | | | | wk. "crackled" appearance |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | 217.2-217.7: strongly fractured w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 218.3-219.7: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 218.3-218.5: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 219.5-221.0: 0.2 m massive PY+1%AS+marcasite+MO |
| | | | | | | | | | | | | | | | | | | | | | |
| 226.0 | 229.5 | Md | | | | | | | | tr | | | 2 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 226.0 | 47 | | | | | | | | | | | | | | | | fine-med grained, non-magnetic, w/ 5% mafic phenos to 2mm |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, vns, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 229.5 | 232.8 | SPbh | | | | 4 | | | | 1 | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 232.7 | 50 | | | | | | | | | | | | | | | | a/a 177.6-210.3 |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, dissems |
| | | | | | | | | | | | | | | | | | | | | | |
| 232.8 | 240.5 | Md | | | | | | | | <1 | | | 2 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 240.5 | 20 | | | | | | | | | | | | | | | | w/ 1.8m of Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | lt gy/gr, fine-med grained, 5% plag phenos to 3mm |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |

# Diamond Drill Log LD05-08

Date: Logged By: DJH Page 5/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **232.8-240.5 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | * drillhole subparallel to dyke cnt |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | 237.1-237.5: strongly broken core w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 240.5 | 243.2 | SPa | | | | 1 | | | | 4 | | | 3 | | | | | <1 | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 240.6 | 20 | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | AS in vns w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 243.2 | 245.1 | Md | | | | | | | | <1 | | | 2 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 245.1 | 57 | | | | | | | | | | | | | | | | a/a 232.8-240.5 |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | bleached (ie Ser) selvages on PY <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, slightly irreg |
| | | | | | | | | | | | | | | | | | | | | | |
| 245.1 | 259.8 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 250.1 | 37 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 253.6 | 30 | | | | | | | | | | | | | | | | **biotite rich laminae generally contorted** |
| | | | S1 | 259.7 | 68 | | | | | | | | | | | | | | | | **wk "crackled" appearance** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | 249.7-249.9: heavily broken and rubble w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 254.4: 20mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 259.8 | 267.5 | SPa | | | | tr | | | | 5 | | | 4 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 264.0 | 65 | | | | | | | | | | | | | | | | gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | wk "crackled" texture |
| | | | | | | | | | | | | | | | | | | | | | |
| 267.5 | 270.5 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 269.8 | 62 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | wkly phyllitic |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |

# Diamond Drill Log LD05-08

Date: Logged By: DJH Page 6/ 6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 270.5 | 274.5 | SPa | | | | | | | | 5 | | | 3 | | | | | tr | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | wkly phyllitic |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 270.9-271.0: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 272.7-273.0: strongly fractured, rubble, fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 274.0-274.5: 30% massive pyrite patches w/ 1-2%AS (ie SPam) |
| | | | | | | | | | | | | | | | | | | | | | 274.5: 10mm fault gouge |
| 274.5 | 275.0 | MS | | | | | | | | | | | 70 | | | | | | | | Massive Pyrite |
| | | | | | | | | | | | | | | | | | | | | | w/ 20% quartz patches |
| | | | | | | | | | | | | | | | | | | | | | replacement of Siliceous Phyllite? |
| | | | | | | | | | | | | | | | | | | | | | broken and rubbly interval |
| 275.0 | 280.2 | SPa | | | | tr | | | | 5 | | | 4 | | | | | tr | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 276.5 | 50 | | | | | | | | | | | | | | | | grades loc. to Biotite Hornfelsed Siliceous Phyllite |
| | | | S1 | 279.6 | 65 | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | AS in vns w/ PY |
| | | | | | | | | | | | | | | | | | | | | | 275.3: PY+AS vn 20mm |
| | | | | | | | | | | | | | | | | | | | | | 275.8: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 276.0: 15mm fault gouge |
| 280.2 | 282.5 | SPbh | | | | 3 | | | | 2 | | | 2 | | | tr | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | SL in vnlt w/ PY |
| EOH @ 282.5m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-08

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | 0.0 | 163.2 | no sample | | | | | | | | |
| 323089 | 163.2 | 164.2 | split core | | 1.0 | 100 | 0.232 | 1.3 | 6570 | 52 | 747 |
| | 164.2 | 167.4 | no sample | | | | | | | | |
| 323090 | 167.4 | 168.4 | split core | | 1.0 | 100 | 0.214 | 1.9 | 6740 | 83 | 172 |
| | 168.4 | 170.0 | no sample | | | | | | | | |
| 323091 | 170.0 | 171.0 | split core | | 1.0 | 100 | 0.124 | 0.9 | 1465 | 34 | 101 |
| | 171.0 | 190.9 | no sample | | | | | | | | |
| 323092 | 190.9 | 192.4 | split core | | 1.5 | 100 | 0.060 | 1.7 | 2970 | 150 | 368 |
| | 192.4 | 198.4 | no sample | | | | | | | | |
| 323093 | 198.4 | 199.9 | split core | | 1.5 | 100 | 0.028 | 3.3 | 263 | 198 | 74 |
| | 199.9 | 219.5 | no sample | | | | | | | | |
| 323094 | 219.5 | 221.0 | split core | | 1.2 | 80 | 0.077 | 9.2 | 1820 | 332 | 41 |
| | 221.0 | 240.5 | no sample | | | | | | | | |
| 323095 | 240.5 | 242.0 | split core | | 1.5 | 100 | 0.035 | 4.3 | 908 | 147 | 52 |
| | 242.0 | 272.5 | no sample | | | | | | | | |
| 323096 | 272.5 | 274.0 | split core | | 1.3 | 87 | 0.095 | 2.0 | 1530 | 68 | 55 |
| 323097 | 274.0 | 275.3 | split core | | 1.2 | 92 | 2.390 | 10.5 | >10000 | 170 | 106 |
| 323098 | 275.3 | 276.8 | split core | | 1.4 | 93 | 0.479 | 8.5 | 3130 | 211 | 57 |
| | 276.8 | 282.5 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 282.5m | | | | | | | | | | | |
| | | | | | | | | | | | |
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# RQD Log  LD05-08

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 3.4 | | | 136.2 | | |
| 6.1 | 46 | 17 | 139.3 | 230 | 74 |
| 8.2 | 118 | 56 | 142.3 | 208 | 69 |
| 11.3 | 157 | 51 | 145.4 | 174 | 56 |
| 14.2 | 186 | 64 | 148.4 | 249 | 83 |
| 17.4 | 258 | 81 | 151.5 | 282 | 91 |
| 20.4 | 170 | 57 | 154.5 | 288 | 96 |
| 23.5 | 258 | 83 | 157.6 | 261 | 84 |
| 26.5 | 258 | 86 | 160.6 | 276 | 92 |
| 29.6 | 104 | 34 | 163.7 | 281 | 91 |
| 32.6 | 83 | 28 | 166.7 | 262 | 87 |
| 35.7 | 67 | 22 | 169.8 | 259 | 84 |
| 38.7 | 124 | 41 | 172.8 | 232 | 77 |
| 41.8 | 169 | 55 | 175.9 | 203 | 65 |
| 44.8 | 193 | 64 | 178.9 | 201 | 67 |
| 47.9 | 49 | 16 | 182.0 | 196 | 63 |
| 50.9 | 134 | 45 | 185.0 | 152 | 51 |
| 53.9 | 240 | 80 | 188.1 | 135 | 44 |
| 57.0 | 208 | 67 | 191.1 | 221 | 74 |
| 60.0 | 247 | 82 | 194.1 | 251 | 84 |
| 63.1 | 130 | 42 | 197.2 | 264 | 85 |
| 66.1 | 226 | 75 | 200.2 | 249 | 83 |
| 69.2 | 200 | 65 | 203.3 | 242 | 78 |
| 72.2 | 295 | 98 | 206.3 | 281 | 94 |
| 75.3 | 215 | 69 | 209.4 | 227 | 73 |
| 78.3 | 164 | 55 | 212.4 | 216 | 72 |
| 81.4 | 273 | 88 | 215.5 | 107 | 35 |
| 84.4 | 187 | 62 | 218.5 | 103 | 34 |
| 87.5 | 222 | 72 | 221.6 | 100 | 32 |
| 90.5 | 197 | 66 | 224.6 | 258 | 86 |
| 93.6 | 182 | 59 | 227.7 | 174 | 56 |
| 96.6 | 251 | 84 | 230.7 | 198 | 66 |
| 99.7 | 240 | 77 | 233.8 | 193 | 62 |
| 102.7 | 281 | 94 | 236.8 | 121 | 40 |
| 105.8 | 266 | 86 | 239.9 | 181 | 58 |
| 108.8 | 223 | 74 | 242.9 | 242 | 81 |
| 111.9 | 114 | 37 | 246.0 | 124 | 40 |
| 114.9 | 129 | 43 | 249.0 | 120 | 40 |
| 118.0 | 263 | 85 | 252.1 | 150 | 48 |
| 121.0 | 271 | 90 | 255.1 | 121 | 40 |
| 124.0 | 199 | 66 | 258.2 | 214 | 69 |
| 127.1 | 219 | 71 | 261.2 | 170 | 57 |
| 130.1 | 232 | 77 | 264.2 | 274 | 91 |
| 133.2 | 164 | 53 | 267.3 | 263 | 85 |
| 136.2 | 210 | 70 | 270.3 | 252 | 84 |

# RQD Log LD05-08

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 270.3 | | | | | |
| 273.4 | 72 | 23 | | | |
| 276.4 | 123 | 41 | | | |
| 279.5 | 149 | 48 | | | |
| 282.5 | 218 | 73 | | | |
| | | | | | |
| EOH @ 282.5m | | | | | |
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# Survey Log  LD05-09

**UTM Northing:** 6162571.3
**UTM Easting:** 347147.4
**Elevation:** 1411.2
**Length:** 386.2

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 80.0 | | -60.00 | |
| 367 | 111.9 | 58.5 | 80.5 | | -60.00 | 5772 |
| 667 | 203.3 | 62.1 | 84.1 | | -58.90 | 5779 |
| 967 | 294.7 | 63.5 | 85.5 | | -58.10 | 5745 |
| 1267 | 386.2 | 68.8 | 90.8 | | -57.20 | 5774 |
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# Diamond Drill Log LD05-09

Date: Logged By: DJH Page 1/ 10

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 3.0 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 3.0 | 31.3 | SPbh | | | | 5 | | | | tr | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 8.7 | 55 | | | | | | | | | | | | | | | | w/ med brown, biotite rich laminae |
| | | | S1 | 14.6 | 50 | | | | | | | | | | | | | | | | v. wkly phyllitic |
| | | | FLT | 12.7 | 30 | | | | | | | | | | | | | | | | PY in <vnlts, rare vnlts, rare vns |
| | | | S1 | 20.8 | 47 | | | | | | | | | | | | | | | | siliceous laminae are loc. broken and stretched |
| | | | S1 | 26.6 | 30 | | | | | | | | | | | | | | | | tr Ser alt'n proximal to PY vns, vnlts |
| | | | | | | | | | | | | | | | | | | | | | 3.0-6.1: strongly fractured w/ Fe oxides on fractures |
| | | | | | | | | | | | | | | | | | | | | | 12.7: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 31.3 | 35.3 | Mpd | | | | | | | | 1 | 1 | | | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | CN | 31.3 | 60 | | | | | | | | | | | | | | | | w/ loc. pervasive Ser alt'n |
| | | | FLT | 35.3 | 50 | | | | | | | | | | | | | | | | w/ 5% mafics (hornblende/biotite) loc alt'd to chlorite |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, slightly irreg. |
| | | | | | | | | | | | | | | | | | | | | | lower cnt faulted w/ 0.5m of gouge and soft "punky" core |
| | | | | | | | | | | | | | | | | | | | | | |
| 35.3 | 39.9 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 37.2 | 62 | | | | | | | | | | | | | | | | a/a 3.0-31.3 |
| | | | | | | | | | | | | | | | | | | | | | no Ser alt'n |
| | | | | | | | | | | | | | | | | | | | | | |
| 39.9 | 52.3 | Mpd | | | | | | | | tr | tr | | | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | CN | 39.9 | 60 | | | | | | | | | | | | | | | | w/ v. wk Ser alt'n of plag and Chl alt'n of mafics |
| | | | FLT | 51.7 | 45 | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 51.7: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 52.3 | 60.6 | SPbh | | | | 5 | | | | tr | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 54.3 | 40 | | | | | | | | | | | | | | | | w/ biotite rich laminae loc. alt'd to Ser |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | biotite rich laminae loc. v. irreg. |
| | | | | | | | | | | | | | | | | | | | | | 56.5-56.9: strongly fractured core w/ loc. rubble and gouge |
| | | | | | | | | | | | | | | | | | | | | | 60.0-60.4: strongly fractured core w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 60.6 | 62.9 | Dd | | | | | | | | | tr | | tr | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained, dark, wkly magnetic, 5-10% mafics |
| | | | | | | | | | | | | | | | | | | | | | mafics are pervasively alt'd to Chl |
| | | | | | | | | | | | | | | | | | | | | | tr dissem Epidote alt'n |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems. |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg. (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt wkly assimilated (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 62.9 | 108.2 | SPbh | | | | 5 | | | | tr | | | <1 | | | | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 64.8 | 38 | | | | | | | | | | | | | | | | w/ biotite rich laminae loc. alt'd to Ser |
| | | | S1 | 70.9 | 45 | | | | | | | | | | | | | | | | biotite rich laminae loc. irreg and contorted |
| | | | S1 | 77.9 | 61 | | | | | | | | | | | | | | | | PY as dissems in siliceous laminae, <vnlts, rare vnlts |
| | | | S1 | 84.1 | 65 | | | | | | | | | | | | | | | | AS proximal to PY vnlt |
| | | | S1 | 89.7 | 52 | | | | | | | | | | | | | | | | 81.3-81.5: "crackled" w/ 3-4% PY |
| | | | S1 | 94.0 | 65 | | | | | | | | | | | | | | | | 87.3: PY vn 50mm wide w/ SL patch |
| | | | S1 | 102.4 | 61 | | | | | | | | | | | | | | | | 87.3-87.5: fault gouge (no attitude) |
| | | | S1 | 107.6 | 53 | | | | | | | | | | | | | | | | 96.0-99.7: strongly fractured w/ fault gouge (lost core 97.5-97.9) |
| | | | | | | | | | | | | | | | | | | | | | 102.4-102.9: strongly fractured w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 108.2 | 109.9 | Md | | | | | | | | tr | | tr | <1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 108.2 | 50 | | | | | | | | | | | | | | | | loc. Qtz+Ser alt'n proximal to PY <vnlts |
| | | | CN | 109.9 | 50 | | | | | | | | | | | | | | | | v. wkly porphyritic w/ 7% plag phenos to 2mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 109.9 | 134.6 | SPbh | | | | 5 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 113.2 | 50 | | | | | | | | | | | | | | | | less siliceous than normal w/ 20% siliceous laminae |
| | | | S1 | 119.1 | 62 | | | | | | | | | | | | | | | | PY in <vnlts, dissems and patches in siliceous laminae |
| | | | S1 | 125.1 | 57 | | | | | | | | | | | | | | | | 118.6: Carbonate+PY+Marcasite+CP vn |
| | | | S1 | 129.8 | 62 | | | | | | | | | | | | | | | | 119.3-119.5: Qtz+PY vn or replacement (10% PY) |
| | | | S1 | 134.0 | 65 | | | | | | | | | | | | | | | | 128.6-128.7: 10% PY in vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 134.6 | 138.2 | Fd | | | | | | | | | | | <1 | | | | | | | | **Felsite Dyke** |
| | | | CN | 138.2 | 60 | | | | | | | | | | | | | | | | v. pale greenish grey, <2% qtz phenos to 1mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg. (no attitude) |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **134.6-138.2 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 138.2 | 141.3 | SPbh | | | | 5 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 141.0 | 75 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 141.3 | 146.2 | SPbh | | | | 3 | | | | 2 | | | 3 | | | tr | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to PY vns |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | SL in vnlts w/ PY |
| | | | | | | | | | | | | | | | | | | | | | 141.5: fault gouge and healed bxia |
| | | | | | | | | | | | | | | | | | | | | | 142.3: 5mm fault gouge at PY vn cnt |
| | | | | | | | | | | | | | | | | | | | | | 143.2: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 145.2: 5mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 145.5-145.7: healed bxia @ 32 deg. to core axis |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 146.2 | 154.5 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 150.7 | 75 | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc. "crackled" texture w/ white hairline cracks |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 154.5 | 155.4 | SPa | | | | | | | | 5 | | | 5 | | | | | | | | **Weakly Mineralized Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc. "crackled" texture |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 155.4 | 157.1 | MS | | | | | | | | | | | 30 | | | | | | | | **Siliceous Massive Pyrite** |
| | | | CN | 157.1 | 60 | | | | | | | | | | | | | | | | PY as coarse grained cubes |
| | | | | | | | | | | | | | | | | | | | | | 2% "sooty" sulphide? patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | *may be a vn or a replacement |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 157.1 | 159.0 | SPa | | | | tr | | | | 5 | | | 5 | | | | | | | | **Weakly Mineralized Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts |
| | | | | | | | | | | | | | | | | | | | | | grades loc. to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 157.1-158.0: strongly fractured w/ 20% fault gouge (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 159.0 | 167.0 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc. to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | loc. "crackled" texture |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, rare vns |
| | | | | | | | | | | | | | | | | | | | | | 159.6: 30mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 160.1: AS in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 161.2-161.5: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 167.0 | 189.1 | Dd | | | | | | | | | tr | | <1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 189.1 | 72 | | | | | | | | | | | | | | | | dark grey, med grained, variably magnetic |
| | | | | | | | | | | | | | | | | | | | | | selectively pervasive Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc. incipient bxia throughout |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, slightly irreg |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 177.4-179.7: incipient bxia zone w/ PY matrix locally |
| | | | | | | | | | | | | | | | | | | | | | 178.4-178.5: 50% coarse grained PY cubes as bxia matrix |
| | | | | | | | | | | | | | | | | | | | | | 178.9-179.0: rubble w/o fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 189.1 | 192.4 | LS | | | | | 1 | | 4 | | | | 2 | | | <1 | | | | | **Limestone** |
| | | | CN | 192.4 | 80 | | | | | | | | | | | | | | | | w/ loc patches of garnet skarn and massive pyritic sulphides |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, slightly irregular |
| | | | | | | | | | | | | | | | | | | | | | 189.1-189.2: garnet skarn w/ coarse grained PY+SL |
| | | | | | | | | | | | | | | | | | | | | | 189.3-189.4: massive coarse grained PY+SL |
| | | | | | | | | | | | | | | | | | | | | | 190.3: thin band of garnet |
| | | | | | | | | | | | | | | | | | | | | | |
| 192.4 | 228.6 | SPbh | | | | 4 | tr | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 199.2 | 50 | | | | | | | | | | | | | | | | w/ bands/patches of garnet skarn and massive sulphide in top 1.5m |
| | | | S1 | 209.4 | 60 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 217.5 | 60 | | | | | | | | | | | | | | | | mod phyllitic |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | S1 | 221.6 | 70 | | | | | | | | | | | | | | | | **192.4-228.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | loc "crackled" texture and bxia |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 192.4-193.0: incipient garnet skarn |
| | | | | | | | | | | | | | | | | | | | | | 193.0-193.3: bxia w/ 80% dk grey, soft matrix |
| | | | | | | | | | | | | | | | | | | | | | 193.7-193.8: coarse PY+SL in bxia |
| | | | | | | | | | | | | | | | | | | | | | 193.5-194.0: strongly fractured w/ rubble and w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 201.0: CP+SL+PY vn @ 60/40mm w/ gouge on both cnts |
| | | | | | | | | | | | | | | | | | | | | | 202.5-209.0: 3-5% PY in vns, vnlts, <vnlts proximal to Sericite |
| | | | | | | | | | | | | | | | | | | | | | Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | 210.2: 40mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 210.6: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 213.4: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 214.5: 10mm bxia w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 220.3: 25mm healed bxia |
| | | | | | | | | | | | | | | | | | | | | | 222.1-222.2: strongly fractured w/ bxia and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 222.9-223.6: strongly fractured (sheared) w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 227.1-227.2: wkly fractured (sheared) w/ minor gouge |
| | | | | | | | | | | | | | | | | | | | | | 228.5-228.6: pyx-garnet skarn band incipiently developed |
| | | | | | | | | | | | | | | | | | | | | | |
| 228.6 | 238.7 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | massive, med grey, recrystallized |
| | | | | | | | | | | | | | | | | | | | | | 238.4: 20mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 238.7 | 244.5 | SPa-LS | | | | | | | 2 | 2 | tr | | | | | tr | | | | | **Mixed Interval w/ interleved Limestone and Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | loc patches of Qtz (replacement) |
| | | | | | | | | | | | | | | | | | | | | | local healed bxia |
| | | | | | | | | | | | | | | | | | | | | | 239.0: 30mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 239.1-239.2: massive PY+tr AS |
| | | | | | | | | | | | | | | | | | | | | | 239.7-240.0: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 240.0-240.4: limestone |
| | | | | | | | | | | | | | | | | | | | | | 240.8: SL as blebs |
| | | | | | | | | | | | | | | | | | | | | | 241.2-241.7: linestone w/ large patches of white and clear fine grained Qtz |
| | | | | | | | | | | | | | | | | | | | | | 244.0-244.2: rubble w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 244.5 | 246.9 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | a/a 228.6-238.7 |
| | | | | | | | | | | | | | | | | | | | | | 10mm garnet-chlorite skarn band @ lower cnt w/ SL+PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 246.9 | 249.3 | SPbh | | | | 4 | | | | 1 | tr | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 247.3-248.3: strongly fractured and rubbly w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 249.3 | 252.6 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | CN | 249.3 | 70 | | | | | | | | | | | | | | | | a/a 228.6-238.7 |
| | | | CN | 252.6 | 70 | | | | | | | | | | | | | | | | 10mm band of garnet skarn at upper cnt |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, slightly irreg |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 252.6 | 285.2 | SPbh | | | | 5 | | | | tr | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 252.7 | 68 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 258.5 | 78 | | | | | | | | | | | | | | | | loc. bxia zones |
| | | | S1 | 263.3 | 57 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | S1 | 269.9 | 45 | | | | | | | | | | | | | | | | loc "crackled" texture |
| | | | S1 | 277.9 | 45 | | | | | | | | | | | | | | | | 253.6-254.5: strongly fractured w/ loc fault gouge and bxia |
| | | | S1 | 283.1 | 50 | | | | | | | | | | | | | | | | 255.0-255.2: strongly fractured w/ loc fault gouge and bxia |
| | | | S1 | 288.0 | 65 | | | | | | | | | | | | | | | | 264.1-266.8: strongly fractured w/ fault gouge and bxia |
| | | | | | | | | | | | | | | | | | | | | | 270.7-271.8: strongly fractured w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 273.9-276.0: incipient bxia w/ loc fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 285.2 | 286.9 | Md | | | | | | | | | tr | | <1 | | | | | | | | **Monzonite** |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained, non-magnetic, w/ 3% mafics |
| | | | | | | | | | | | | | | | | | | | | | selectively pervasive Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts irreg. wkly gradational (ie assimilated) |
| | | | | | | | | | | | | | | | | | | | | | |
| 286.9 | 298.6 | SPbh | | | | 4 | | | | 1 | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 288.0 | 65 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 292.1 | 54 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, vns |
| | | | S1 | 296.7 | 55 | | | | | | | | | | | | | | | | 290.3-290.5: healed bxia w/ 15% carbonate matrix @ 68 deg. |

# Diamond Drill Log LD05-09

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **286.9-298.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 295.4-296.4: 2 vnlts w/ PY+AS+MO? |
| | | | | | | | | | | | | | | | | | | | | | |
| 298.6 | 301.0 | Md | | | | | | | | 2 | | tr | 1 | | | | | | | | **Altered Monzonite Dyke** |
| | | | CN | 301.0 | 27 | | | | | | | | | | | | | | | | selectively pervasive Ser alteration of plag |
| | | | | | | | | | | | | | | | | | | | | | Qtz+Ser alt'n selvages on PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 301.0 | 304.0 | SPa | | | | tr | | | | 5 | | | 5 | | | tr | | | | | **Weakly Mineralized Sericite Altered Siliceous Phyllite** |
| | | | S1 | 302.4 | 48 | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | SL in vns w/ PY |
| | | | | | | | | | | | | | | | | | | | | | MO? in vns w/ PY+/-SL |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 304.3-304.4: healed fault bxia @ 75 deg. |
| | | | | | | | | | | | | | | | | | | | | | |
| 304.0 | 307.2 | SPbh | | | | 4 | | | | 1 | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 306.9 | 66 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to PY vns |
| | | | | | | | | | | | | | | | | | | | | | PY in rare vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 307.2 | 310.7 | Md | | | | | | | | tr | | tr | | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | non-magnetic, fine grained w/ 10% mafic phenos to 3mm, med grey/green |
| | | | | | | | | | | | | | | | | | | | | | Qtz+Ser alt'n selvages on PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational (ie assimilated) |
| | | | | | | | | | | | | | | | | | | | | | |
| 310.7 | 314.1 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 312.3 | 53 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to PYvns |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 313.9: 40mm garnet-pyrite-magnetitie-epidote skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 314.1 | 315.9 | Md | | | | | | | | tr | | tr | 2 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | pale greenish grey, fine-med grained, non-magnetic, non-porph |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |

# Diamond Drill Log LD05-09

Date: Logged By: DJH Page 8/10

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **314.1-315.9 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower contact gradational (ie assimilated) |
| | | | | | | | | | | | | | | | | | | | | | |
| 315.9 | 317.3 | SKp | | | | 2 | 3 | tr | | | | | | 5 | | | | | | | **Weakly Mineralized Gar.-Pyx Prograde Skarn** |
| | | | CN | 317.3 | 27 | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | one patch of dk green/black Chl retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PO as large patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 317.3 | 318.2 | LS-SKpm | | | | | 1 | | 3 | | | | 20 | | | | | | | 10 | **Mixed Interval w/ Limestone and Mineralized Incipient Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | garnet-magnetite-PY skarn patches in Limestone |
| | | | | | | | | | | | | | | | | | | | | | 317.9-318.1: massive PY+MG |
| | | | | | | | | | | | | | | | | | | | | | 318.1-318.2: garnet+cpx skarn x-cut by PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, massive patches w/ MG |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 318.2 | 322.9 | SPbh | | | | 5 | | | | tr | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 320.9 | 68 | | | | | | | | | | | | | | | | PY in vnlts,<vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 322.9 | 325.7 | Md | | | | | | | | tr | | | 2 | | tr | | | | | | **Monzonite Dyke** |
| | | | CN | 322.9 | 20 | | | | | | | | | | | | | | | | med grey, non-magnetic, fine-med grained, no mafics |
| | | | | | | | | | | | | | | | | | | | | | loc 20-30% plag phenos to 5mm |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, dissem. |
| | | | | | | | | | | | | | | | | | | | | | CP as loc. dissems |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt irreg, gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 325.7 | 350.8 | SPbh | | | | 5 | | | | tr | | | <1 | | tr | | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 327.8 | 60 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to PY vnlts |
| | | | S1 | 331.8 | 47 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | S1 | 337.6 | 65 | | | | | | | | | | | | | | | | AS in vnlts w/ PY |
| | | | S1 | 343.4 | 50 | | | | | | | | | | | | | | | | CP in vnlts w/ PY |
| | | | S1 | 349.3 | 60 | | | | | | | | | | | | | | | | 327.4: PY+AS irreg vnlts |
| | | | | | | | | | | | | | | | | | | | | | 342.7: 30mm fault gouge @ 30 deg. |

**Diamond Drill Log LD05-09**

Date: Logged By: DJH Page 9/10

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **325.7-350.8 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 348.3-348.6: strongly fractured w/ rubble and fault gouge @ 348.6 |
| | | | | | | | | | | | | | | | | | | | | | |
| 350.8 | 352.7 | SPbhx | | | | 4 | | | | 1 | | | 3 | | | | | | | | **Brecciated Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | 30% Biotite Hornfelsed Siliceous Phyllite frags to 10cms |
| | | | | | | | | | | | | | | | | | | | | | loc Sericite Altered Siliceous Phyllite frags |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems |
| | | | | | | | | | | | | | | | | | | | | | upper cnt fairly sharp, planar, attitude? |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 352.7 | 355.2 | SPbh | | | | 5 | | | | tr | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | biotite rich laminae are contorted (no attitudes possible) |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 354.8-355.2: brecciated Biotite Hornfelsed Siliceous Phyllite a/a 350.8-352.7 |
| | | | | | | | | | | | | | | | | | | | | | |
| 355.2 | 359.2 | Md | | | | | | | | tr | | tr | 3 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | slightly magnetic locally |
| | | | | | | | | | | | | | | | | | | | | | loc Qtz+Ser alt'n selvages on PY <vnlts |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, dissems |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed |
| | | | | | | | | | | | | | | | | | | | | | 358.5-359.2: strongly fractured and broken |
| | | | | | | | | | | | | | | | | | | | | | |
| 359.2 | 364.9 | SPbh | | | | | | | | | | | | | | | | | | | |
| | | | S1 | 361.7 | 65 | 4 | | | | 1 | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | bright blue-green mineral loc. on fractures |
| | | | | | | | | | | | | | | | | | | | | | |
| 364.9 | 366.1 | SPbhx | | | | 5 | | | | | | | 3 | | | | | | | | **Brecciated Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | a/a 350.8-352.7 |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems |
| | | | | | | | | | | | | | | | | | | | | | cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 366.1 | 386.2 | SPbh | | | | 5 | | | | tr | | | 1 | | | | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 367.9 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to PY+/-AS vnlts |
| | | | S1 | 373.4 | 52 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |

**Diamond Drill Log** **LD05-09**

Date: Logged By: DJH Page 10/10

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **366.1-386.2 cont'd** |
| | | | S1 | 380.1 | 50 | | | | | | | | | | | | | | | | 380.3: 20mm fault gouge |
| | | | S1 | 385.2 | 65 | | | | | | | | | | | | | | | | 383.5-383.6: rubble and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 385.3-385.6: strongly fractured and broken w/ loc fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 386.2 | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-09

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 118.4 | no sample | | | | | | | | |
| 323099 | 118.4 | 119.9 | split core | | 1.5 | 100 | 0.039 | 2.4 | 1075 | 327 | 152 |
| 323100 | | | standard | | | | 1.015 | 2.8 | 18 | 12100 | 84 |
| 323101 | | | blank | | | | 0.008 | 0.2 | 12 | 138 | 48 |
| | 119.9 | 141.3 | no sample | | | | | | | | |
| 323102 | 141.3 | 142.8 | split core | | 1.5 | 100 | 0.099 | 5.9 | 915 | 189 | 1220 |
| 323103 | 142.8 | 144.3 | split core | | 1.5 | 100 | 0.010 | 0.6 | 196 | 106 | 207 |
| 323104 | 144.3 | 145.8 | split core | | 1.5 | 100 | 0.058 | 1.8 | 462 | 30 | 186 |
| | 145.8 | 153.9 | no sample | | | | | | | | |
| 323105 | 153.9 | 155.4 | split core | | 1.5 | 100 | 0.021 | 0.6 | 240 | 56 | 60 |
| 323106 | 155.4 | 157.1 | split core | | 1.6 | 94 | 0.163 | 1.4 | 2020 | 496 | 31 |
| 323107 | 157.1 | 158.6 | split core | | 1.5 | 100 | 0.139 | 4.3 | 821 | 66 | 294 |
| | 158.6 | 189.1 | no sample | | | | | | | | |
| 323108 | 189.1 | 190.6 | split core | | 1.5 | 100 | 0.047 | 1.7 | 383 | 158 | 8000 |
| 323109 | 190.6 | 192.4 | split core | | 1.8 | 100 | 0.002 | 0.5 | 54 | 9 | 80 |
| 323110 | 192.4 | 193.9 | split core | | 1.5 | 100 | 0.152 | 6.4 | 1395 | 200 | 7530 |
| | 193.9 | 201.8 | no sample | | | | | | | | |
| 323111 | 201.8 | 204.8 | split core | | 3.0 | 100 | 0.023 | 0.5 | 499 | 59 | 86 |
| 323112 | 204.8 | 207.8 | split core | | 3.0 | 100 | 0.058 | 1.6 | 480 | 168 | 95 |
| 323113 | 207.8 | 210.9 | split core | | 3.1 | 100 | 0.018 | 0.5 | 370 | 74 | 92 |
| | 210.9 | 238.7 | no sample | | | | | | | | |
| 323114 | 238.7 | 240.1 | split core | | 1.4 | 100 | 0.626 | 11.2 | >10000 | 440 | 260 |
| 323115 | 240.1 | 241.6 | split core | | 1.5 | 100 | 0.015 | 0.2 | 45 | 36 | 1185 |
| 323116 | 241.6 | 243.0 | split core | | 1.4 | 100 | 0.029 | 0.3 | 136 | 68 | 33 |
| 323117 | 243.0 | 244.5 | split core | | 1.5 | 100 | 0.027 | 0.2 | 78 | 51 | 56 |
| | 244.5 | 295.4 | no sample | | | | | | | | |
| 323118 | 295.4 | 296.4 | split core | | 1.0 | 100 | 0.072 | 2.4 | 2190 | 78 | 30 |
| | 296.4 | 301.0 | no sample | | | | | | | | |
| 323119 | 301 | 304.0 | split core | | 3.0 | 100 | 0.469 | 38.1 | 992 | 161 | 779 |
| 323120 | | | standard | | | | 1.020 | 2.9 | 13 | 11900 | 86 |
| 323121 | | | blank | | | | 0.007 | 0.2 | 4 | 129 | 46 |
| | 304.0 | 315.9 | no sample | | | | | | | | |

# Assay Sample Log LD05-09

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323122 | 315.9 | 317.3 | split core | | 1.4 | 100 | 0.136 | 0.5 | 68 | 330 | 70 |
| 323123 | 317.3 | 318.2 | split core | | 0.9 | 100 | 0.223 | 0.6 | 122 | 629 | 55 |
| | 318.2 | 386.2 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 386.2m | | | | | | | | | | | |

# RQD Log LD05-09

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 3.0 | | | | | |
| 5.2 | 13 | 6 | 139.3 | 122 | 1 |
| 8.2 | 187 | 62 | 142.3 | 243 | 81 |
| 11.3 | 174 | 56 | 145.4 | 269 | 87 |
| 14.3 | 230 | 77 | 148.4 | 251 | 84 |
| 17.4 | 262 | 85 | 151.5 | 191 | 62 |
| 20.4 | 112 | 37 | 154.5 | 192 | 64 |
| 23.5 | 198 | 64 | 157.6 | 202 | 65 |
| 26.5 | 280 | 93 | 160.6 | 165 | 55 |
| 29.6 | 296 | 95 | 163.7 | 129 | 42 |
| 32.6 | 285 | 95 | 166.7 | 130 | 43 |
| 35.7 | 204 | 66 | 169.8 | 205 | 66 |
| 38.7 | 244 | 81 | 172.8 | 180 | 60 |
| 41.8 | 233 | 75 | 175.9 | 251 | 81 |
| 44.8 | 275 | 92 | 178.9 | 165 | 55 |
| 47.9 | 209 | 67 | 182.0 | 108 | 35 |
| 50.9 | 285 | 95 | 185.0 | 128 | 43 |
| 53.9 | 288 | 96 | 188.1 | 127 | 41 |
| 57.0 | 286 | 92 | 191.1 | 230 | 77 |
| 60.0 | 280 | 93 | 194.1 | 170 | 57 |
| 63.1 | 208 | 67 | 197.2 | 105 | 34 |
| 66.1 | 245 | 82 | 200.2 | 107 | 36 |
| 69.2 | 198 | 64 | 203.3 | 150 | 48 |
| 72.2 | 223 | 74 | 206.3 | 177 | 59 |
| 75.3 | 240 | 77 | 209.4 | 170 | 55 |
| 78.3 | 214 | 71 | 212.4 | 215 | 72 |
| 81.4 | 200 | 65 | 215.5 | 182 | 59 |
| 84.4 | 201 | 67 | 218.5 | 205 | 68 |
| 87.5 | 261 | 84 | 221.6 | 187 | 60 |
| 90.5 | 59 | 20 | 224.6 | 100 | 33 |
| 93.6 | 78 | 25 | 227.7 | 147 | 47 |
| 96.6 | 102 | 34 | 230.7 | 176 | 59 |
| 99.7 | 11 | 4 | 233.8 | 206 | 66 |
| 102.7 | 124 | 41 | 236.8 | 265 | 88 |
| 105.8 | 225 | 73 | 239.9 | 160 | 52 |
| 108.8 | 196 | 65 | 242.9 | 188 | 63 |
| 111.9 | 112 | 36 | 246.0 | 173 | 56 |
| 114.9 | 159 | 53 | 249.0 | 130 | 43 |
| 118.0 | 164 | 53 | 252.1 | 200 | 65 |
| 121.0 | 246 | 82 | 255.1 | 108 | 36 |
| 124.0 | 195 | 65 | 258.2 | 105 | 34 |
| 127.1 | 134 | 43 | 261.2 | 95 | 32 |
| 130.1 | 156 | 52 | 264.2 | 95 | 32 |
| 133.2 | 247 | 80 | 267.3 | 81 | 26 |
| 136.2 | 145 | 48 | 270.3 | 74 | 25 |

# RQD Log  LD05-09

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 270.3 | | | | | |
| 273.4 | 65 | 21 | | | |
| 276.4 | 161 | 54 | | | |
| 279.5 | 200 | 65 | | | |
| 282.5 | 231 | 77 | | | |
| 285.6 | 196 | 63 | | | |
| 288.6 | 148 | 49 | | | |
| 291.7 | 168 | 54 | | | |
| 294.7 | 189 | 63 | | | |
| 297.8 | 228 | 74 | | | |
| 300.8 | 221 | 74 | | | |
| 303.9 | 180 | 58 | | | |
| 306.1 | 118 | 54 | | | |
| 306.9 | 38 | 48 | | | |
| 310.0 | 194 | 63 | | | |
| 313.0 | 129 | 43 | | | |
| 316.1 | 216 | 70 | | | |
| 319.1 | 262 | 87 | | | |
| 322.2 | 249 | 80 | | | |
| 325.2 | 182 | 61 | | | |
| 328.3 | 162 | 52 | | | |
| 331.3 | 217 | 72 | | | |
| 334.3 | 156 | 52 | | | |
| 335.3 | 31 | 31 | | | |
| 337.4 | 181 | 86 | | | |
| 340.4 | 276 | 92 | | | |
| 343.5 | 103 | 33 | | | |
| 346.5 | 241 | 80 | | | |
| 349.6 | 201 | 65 | | | |
| 352.6 | 117 | 39 | | | |
| 355.7 | 160 | 52 | | | |
| 358.7 | 124 | 41 | | | |
| 361.8 | 121 | 39 | | | |
| 364.8 | 160 | 53 | | | |
| 367.9 | 180 | 58 | | | |
| 370.9 | 162 | 54 | | | |
| 374.0 | 231 | 75 | | | |
| 377.0 | 157 | 52 | | | |
| 380.1 | 204 | 66 | | | |
| 383.1 | 172 | 57 | | | |
| 386.2 | 113 | 36 | | | |
| | | | | | |
| EOH @ 386.2m | | | | | |
| | | | | | |
| | | | | | |

# Survey Log  LD05-10

**UTM Northing:** 6162312.1
**UTM Easting:** 346854.8
**Elevation:** 1395.9
**Length:** 261.2

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 50.0 | | -50.00 | |
| 267 | 81.4 | 28.2 | 50.2 | | -50.10 | 5892 |
| 467 | 142.3 | 31.6 | 53.6 | | -48.80 | 5776 |
| 657 | 200.2 | 32.9 | 54.9 | | -48.40 | 5775 |
| 857 | 261.2 | 34.7 | 56.7 | | -47.60 | 5808 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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## Diamond Drill Log LD05-10

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 17.4 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 17.4 | 19.3 | Md | | | | | tr | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | pale green/grey, non-magnetic, non-porphritic |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | loc patches of prograde garnet-epidote skarn developed toward lower cnt |
| | | | | | | | | | | | | | | | | | | | | | |
| 19.3 | 25.6 | SKrm | | | | | 1 | 4 | | | | | 5 | | | | | | | 10 | **Mineralized Chlorite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY+magnetite+calcite+chlorite gangue minerals |
| | | | | | | | | | | | | | | | | | | | | | loc remnant patches of brown garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 22.4-22.7: strongly fractured and broken; "muddy" core (magnetic w/ remnant |
| | | | | | | | | | | | | | | | | | | | | | prograde skarn) |
| | | | | | | | | | | | | | | | | | | | | | |
| 25.6 | 38.3 | SPbh | | | | 5 | | tr | | tr | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 28.4 | 70 | | | | | | | | | | | | | | | | w/ minor mafic tuff interleved (chlorite+calcite phyllite) |
| | | | S1 | 32.9 | 40 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | patches (bands?) of retrograde (magnetite+epidote+chlorite) skarn |
| | | | | | | | | | | | | | | | | | | | | | 36.8-38.3: magnetite+epidote+chlorite retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 38.3 | 41.4 | SKpm | | | | | 4 | 1 | | | | | 5 | | 0.5 | | | | | 3 | **Mineralized Brown Garnet+Calcite+Epidote Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to magnetite+chlorite retograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 5% voids |
| | | | | | | | | | | | | | | | | | | | | | weak brecciated texture w/ PY matrix |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, bxia matrix |
| | | | | | | | | | | | | | | | | | | | | | 41.1-41.4: retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | tr specular hematite |
| | | | | | | | | | | | | | | | | | | | | | |
| 41.4 | 61.2 | SPbh | | | | 3 | 1 | tr | | 1 | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 44.2 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 51.2 | 58 | | | | | | | | | | | | | | | | loc SKp bands w/ sharp, planar, S1 conformable cnts |
| | | | S1 | 56.5 | 45 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | S1 | 60.9 | 58 | | | | | | | | | | | | | | | | 45.4-45.7: SKpm band (Limestone protolith) w/ 30% PY |
| | | | | | | | | | | | | | | | | | | | | | grades loc to retrograde skarn |

**Diamond Drill Log** **LD05-10**

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **41.4-61.2 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 48.5-48.9: prograde/retrograde skarn band (magnetite+chlorite retograde and |
| | | | | | | | | | | | | | | | | | | | | | brown garnet+epidote prograde skarn) |
| | | | | | | | | | | | | | | | | | | | | | 60.2-60.7: brown garnet prograde skarn w/ minor chlorite+magnetite retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 61.1 | 62.1 | SKrm | | | | | 2 | 3 | | | | | 3 | | 0.2 | | | | | 15 | **Mineralized Chlorite+Magnetite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ remnant patches of brown garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | MG patches w/ black Chl |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP as local patches |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 62.1 | 78.3 | SPbh-SPa | | | | 2 | 1 | tr | | 2 | | | 1 | | | | | | | | **Mixed Interval of Biotite Hornfelsed Siliceous Phyllite and** |
| | | | S1 | 70.4 | 45 | | | | | | | | | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc bands of prograde and retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 62.6-63.2: yellow garnet+magnetite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 65.1-69.4: strongly fractured and broken, lost core, loc fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 75.2-75.3: prograde skarn; S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | 75.6-75.7: prograde skarn; S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | 75.9-76.2: prograde skarn; S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | 77.7-77.9: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 78.3 | 82.2 | SKp | | | | | 5 | tr | | | | | 5 | | | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | wkly bxiated |
| | | | | | | | | | | | | | | | | | | | | | PY as bxia matrix |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 82.2 | 88.2 | SPa | | | | tr | tr | | | 5 | | | <1 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 85.5 | 55 | | | | | | | | | | | | | | | | w/ loc skarn bands |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 82.5-82.7: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 84.0-84.2: bxia w/ Qtz matrix |
| | | | | | | | | | | | | | | | | | | | | | 84.2-84.3: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 84.4-84.5: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 85.7-86.9: strongly fractured and broken w/ loc fault gouge |

**Diamond Drill Log** **LD05-10**

Date: Logged By: DJH Page 3/ 7

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 88.2 | 90.6 | SKpm | | | | | 3 | 1 | | 1 | | | 10 | | | | | | | tr | **Mineralized Ca-Garnet+Epidote+Calcite Prograde Skarn** |
| | | | S1 | 90.0 | 45 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Mineralized Retrograde Skarn w/ dk green/blk Chl |
| | | | | | | | | | | | | | | | | | | | | | 88.2-88.3: retrograde skarn w/ dk green/black Chl+30% PY+ 10% Calcite+ 60% Qtz |
| | | | | | | | | | | | | | | | | | | | | | * photo of fracture controlled skarn alt'n of siliceous phyllite |
| | | | | | | | | | | | | | | | | | | | | | wk bxia |
| | | | | | | | | | | | | | | | | | | | | | PY as bxia matrix, vnlts, <vnlts, large patches (retrograde skarn only) |
| | | | | | | | | | | | | | | | | | | | | | |
| 90.6 | 100.9 | SPbh | | | | 4 | tr | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 95.3 | 60 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | loc prograde skarn bands |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 95.8-95.9: prograde cpx skarn |
| | | | | | | | | | | | | | | | | | | | | | 96.6-97.1: ca-garnet prograde skarn w/ massive sulphides (PY>>CP) |
| | | | | | | | | | | | | | | | | | | | | | 100.9-101.2: retrograde skarn w/ magnetite+chlorite |
| | | | | | | | | | | | | | | | | | | | | | |
| 100.9 | 102.6 | SKp-SKr-SPa | | | | | 2 | 1 | | 2 | | | 3 | | | | | | | 3 | **Mixed Interval w/ Prograde Skarn, Retrograde Skarn and** |
| | | | | | | | | | | | | | | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | brown garnet+epidote+cpx prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | dark green/blk chlorite+magnetite retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | MG as large patches |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vntls |
| | | | | | | | | | | | | | | | | | | | | | (ie transition zone) |
| | | | | | | | | | | | | | | | | | | | | | |
| 102.6 | 106.7 | SPbh | | | | 4 | tr | | | 1 | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 103.0 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 105.5-106.7: wk epidote+garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 106.7 | 108.1 | SKp | | | | | 5 | tr | | | | | 2 | | tr | | | | | | **Garnet+Pyroxene Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ wk retrograde alt'n of garnet to dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | w/ remnant patches of Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | sharp, irreg cnts (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 108.1 | 123.7 | SPbh | | | | 4 | tr | | | 1 | | | 3 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 110.3 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |

# Diamond Drill Log LD05-10

Date: Logged By: DJH Page 4/ 7

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **108.1-123.7 cont'd** |
| | | | S1 | 117.4 | 58 | | | | | | | | | | | | | | | | w/ narrrow bands of prograde skarn throughout |
| | | | S1 | 122.5 | 50 | | | | | | | | | | | | | | | | PY in vnlts and as patches in prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 113.8-114.3: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 116.9-117.2: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 118.6-118.7: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 119.1-119.3: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 122.1-123.7: 30% prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | * interval can be interpreted as a transition between phyllite and skarn (ie |
| | | | | | | | | | | | | | | | | | | | | | incomplete skarn development in Biotite Hornfelsed Siliceous Phyllite) |
| | | | | | | | | | | | | | | | | | | | | | |
| 123.7 | 134.3 | SKpm | | | | | 5 | | | | | | 5 | | tr | | | | | | **Weakly Mineralized Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches (loc to 25%) |
| | | | | | | | | | | | | | | | | | | | | | minor remnant phyllite patches near upper cnt |
| | | | | | | | | | | | | | | | | | | | | | 125.5: 70mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 134.3 | 141.0 | SPa | | | | 2 | tr | | | 3 | | | 4 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 138.2 | 35 | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | w/ bands of brown garnet+calcite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 141.0 | 158.8 | SPbh | | | | 5 | tr | | | tr | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 145.6 | 53 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite proximal to prograde skarn bands |
| | | | S1 | 153.6 | 25 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | S1 | 156.0 | 50 | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 143.5-144.4: strongly fractured and broken; lost core; w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 147.9-148.2: incipient prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 150.1-150.3: brown garnet+calcite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 158.8 | 165.2 | SPa | | | | | 1 | | | 4 | | | 4 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 162.5 | 59 | | | | | | | | | | | | | | | | w/ bands and patches of brown garnet+calcite+epidote prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | some prograde skarn bands are S1 conformable, others x-cut S1 |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches in prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

**Diamond Drill Log** **LD05-10**

Date: Logged By: DJH Page 5/7

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 165.2 | 166.9 | SKrm | | | | | 1 | 4 | | | | | 15 | | | | | | | | **Mineralized Chlorite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 15% remnant patches of brown garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 166.9 | 173.4 | SKpm | | | | | 4 | 1 | | | | | 10 | | | | | | | | **Mineralized Brown Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to chlorite+calcite retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | local PY+Qtz bands w/ 25% PY |
| | | | | | | | | | | | | | | | | | | | | | 170.6: tr MO |
| | | | | | | | | | | | | | | | | | | | | | 168.6: tr red hematite |
| | | | | | | | | | | | | | | | | | | | | | |
| 173.4 | 176.1 | SPa | | | | tr | 1 | tr | | 4 | | | 3 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 175.4 | 47 | | | | | | | | | | | | | | | | w/ bands and patches of brown garnet+epidote prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, patches in prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | prograde skarn grades loc to retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | 175.6: tr MO |
| | | | | | | | | | | | | | | | | | | | | | 175.9: tr red hematite |
| | | | | | | | | | | | | | | | | | | | | | |
| 176.1 | 215.5 | SPbh | | | | 5 | tr | | | tr | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 178.4 | 60 | | | | | | | | | | | | | | | | w/ rare bands and patches of prograde skarn |
| | | | S1 | 183.5 | 65 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | S1 | 195.6 | 58 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 202.3 | 59 | | | | | | | | | | | | | | | | cnts gradational |
| | | | S1 | 206.8 | 63 | | | | | | | | | | | | | | | | |
| | | | S1 | 214.5 | 50 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 215.5 | 217.7 | SPa | | | | | tr | | | 5 | | | 1 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc bands and patches of prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches in prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 217.7 | 218.7 | SKpm | | | | | 5 | tr | | | | | 5 | | 3 | | | | | | **Mineralized Brown and Yellow Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ minor retrograde alt'n at upper cnt |
| | | | | | | | | | | | | | | | | | | | | | PY/CP as patches and blebs |

## Diamond Drill Log LD05-10

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 218.7 | 231.5 | Mpd | | | | | | | | | tr | | 1 | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | CN | 218.7 | 32 | | | | | | | | | | | | | | | | pale green/grey, non-magnetic, 3% hornblende alt'd to chlorite |
| | | | CN | 231.5 | 55 | | | | | | | | | | | | | | | | w/ 5% fledspar phenos to 8x10mm |
| | | | | | | | | | | | | | | | | | | | | | wkly chilled upper margin |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | PY as disseminations |
| | | | | | | | | | | | | | | | | | | | | | 224.9-227.0: strongly fractured and broken w/ loc fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 224.3: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 227.9: 20mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 231.5 | 234.5 | SPa | | | | tr | 1 | | | 4 | tr | | 2 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 232.7 | 64 | | | | | | | | | | | | | | | | sericite alt'd phyllitic quartzite? |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | w/ 10% bands and patches of garnet+calcite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches in prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | selective Chl alt'n patches (alteration of biotite?) and on S1 surfaces |
| | | | | | | | | | | | | | | | | | | | | | 233.4-233.7: strongly fractured and broken w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 234.5 | 241.0 | SKpm | | | | | 5 | tr | | | | | 5 | | 3 | | | | | 2 | **Mineralized Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs, patches (v. spectacular 234.5-236.0m) |
| | | | | | | | | | | | | | | | | | | | | | loc retrograde skarn w/ dark chlorite rims on garnet xtls |
| | | | | | | | | | | | | | | | | | | | | | 239.1-239.3: dark grey, non-magnetic, v. fine grained mafic dyke @ 65 deg; sharp |
| | | | | | | | | | | | | | | | | | | | | | planar cnts |
| | | | | | | | | | | | | | | | | | | | | | |
| 241.0 | 253.1 | Mpd | | | | | | | | | tr | | | | | | | | | | **Megacrystic Monzonite Dyke** |
| | | | CN | 241.0 | 66 | | | | | | | | | | | | | | | | w/ 10% feldspar phenos to 8x10mm |
| | | | CN | 253.1 | 50 | | | | | | | | | | | | | | | | w/ 15% mafics alt'd to chlorite |
| | | | | | | | | | | | | | | | | | | | | | med greenish grey/brown, non-magnetic, non-calcareous |
| | | | | | | | | | | | | | | | | | | | | | loc pale beige alt'n proximal to carbonate vnlts |
| | | | | | | | | | | | | | | | | | | | | | felspars loc alt'd to clay |
| | | | | | | | | | | | | | | | | | | | | | cnts are sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 253.1 | 261.1 | SPbh | | | | 5 | tr | tr | | | | | <1 | | | | | tr | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 255.1 | 50 | | | | | | | | | | | | | | | | w/ tr prograde and retrograde skarn bands |
| | | | | | | | | | | | | | | | | | | | | | PYin <vnlts |

## Diamond Drill Log LD05-10

Date: Logged By: DJH Page 7/ 7

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **253.1-261.1 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | AS in <vnlt |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 261.2m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-10

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 19.3 | no sample | | | | | | | | |
| 323124 | 19.3 | 20.8 | split core | | 1.5 | 100 | 0.257 | 2.7 | 26 | 2840 | 45 |
| 323125 | 20.8 | 22.3 | split core | | 1.1 | 73 | 0.911 | 30.5 | 2410 | 1675 | 85 |
| 323126 | 22.3 | 23.8 | split core | | 1.0 | 67 | 0.604 | 15.9 | 3310 | 2630 | 88 |
| 323127 | 23.8 | 25.6 | split core | | 1.5 | 83 | 0.132 | 9.6 | >10000 | 1095 | 87 |
| 323128 | 25.6 | 27.1 | split core | | 1.5 | 100 | 0.038 | 2.5 | 116 | 457 | 34 |
| | 27.1 | 36.8 | no sample | | | | | | | | |
| 323129 | 36.8 | 38.3 | split core | | 1.5 | 100 | 0.058 | 1.5 | 288 | 994 | 45 |
| 323130 | 38.3 | 39.8 | split core | | 0.7 | 47 | 0.657 | 2.1 | 229 | 1525 | 22 |
| 323131 | 39.8 | 41.4 | split core | | 1.5 | 94 | 0.080 | 2.9 | 178 | 2240 | 21 |
| 323132 | 41.4 | 42.9 | split core | | 1.5 | 100 | 0.025 | 0.9 | 215 | 536 | 30 |
| | 42.9 | 44.8 | no sample | | | | | | | | |
| 323133 | 44.8 | 46.3 | split core | | 1.5 | 100 | 0.130 | 2.6 | 51 | 2050 | 25 |
| | 46.3 | 47.9 | no sample | | | | | | | | |
| 323134 | 47.9 | 49.4 | split core | | 1.5 | 100 | 0.045 | 1.1 | 499 | 804 | 27 |
| | 49.4 | 60.0 | no sample | | | | | | | | |
| 323135 | 60.0 | 61.2 | split core | | 1.2 | 100 | 0.083 | 1.2 | 60 | 499 | 25 |
| 323136 | 61.2 | 62.1 | split core | | 0.9 | 100 | 0.539 | 4.8 | 188 | 3270 | 26 |
| 323137 | 62.1 | 63.2 | split core | | 1.0 | 91 | 0.231 | 1.1 | 707 | 655 | 24 |
| | 63.2 | 75.2 | no sample | | | | | | | | |
| 323138 | 75.2 | 76.8 | split core | | 1.6 | 100 | 0.073 | 0.7 | 254 | 332 | 48 |
| 323139 | 76.8 | 78.3 | split core | | 1.5 | 100 | 0.055 | 0.6 | 148 | 324 | 32 |
| 323140 | | | standard | | | | 0.955 | 2.7 | 14 | 12000 | 82 |
| 323141 | | | blank | | | | 0.008 | 0.1 | 8 | 122 | 44 |
| 323142 | 78.3 | 79.8 | split core | | 1.5 | 100 | 0.032 | 0.6 | 351 | 205 | 12 |
| 323143 | 79.8 | 81.4 | split core | | 1.6 | 100 | 0.061 | 0.8 | 539 | 229 | 14 |
| 323144 | 81.4 | 82.9 | split core | | 1.5 | 100 | 0.012 | 0.3 | 255 | 122 | 28 |
| | 82.9 | 88.2 | no sample | | | | | | | | |
| 323145 | 88.2 | 89.2 | split core | | 1.1 | 110 | 0.084 | 10.6 | 251 | 815 | 62 |
| 323146 | 89.2 | 90.6 | split core | | 1.4 | 100 | 0.046 | 1.1 | 121 | 459 | 25 |
| | 90.6 | 95.8 | no sample | | | | | | | | |
| 323147 | 95.8 | 97.3 | split core | | 1.5 | 100 | 0.165 | 2.2 | 39 | 956 | 24 |

# Assay Sample Log LD05-10

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 97.3 | 100.9 | no sample | | | | | | | | |
| 323148 | 100.9 | 102.6 | split core | | 1.7 | 100 | 0.097 | 2.9 | 251 | 849 | 83 |
| | 102.6 | 105.5 | no sample | | | | | | | | |
| 323149 | 105.5 | 106.7 | split core | | 1.2 | 100 | 0.052 | 0.5 | 20 | 190 | 24 |
| 323150 | 106.7 | 108.1 | split core | | 1.4 | 100 | 0.238 | 1.2 | 91 | 574 | 26 |
| | 108.1 | 116.5 | no sample | | | | | | | | |
| 323151 | 116.5 | 118.0 | split core | | 1.5 | 100 | 0.050 | 0.7 | 1455 | 206 | 29 |
| 323152 | 118.0 | 119.5 | split core | | 1.5 | 100 | 0.033 | 0.4 | 202 | 191 | 23 |
| | 119.5 | 122.1 | no sample | | | | | | | | |
| 323153 | 122.1 | 123.7 | split core | | 1.6 | 100 | 0.093 | 0.6 | 66 | 260 | 21 |
| 323154 | 123.7 | 125.2 | split core | | 1.5 | 100 | 0.179 | 1.2 | 250 | 509 | 16 |
| 323155 | 125.2 | 126.7 | split core | | 1.5 | 100 | 0.206 | 34.5 | 270 | 560 | 16 |
| 323156 | 126.7 | 128.2 | split core | | 1.5 | 100 | 0.094 | 0.4 | 1405 | 26 | 14 |
| 323157 | 128.2 | 129.7 | split core | | 1.5 | 100 | 0.053 | 0.2 | 179 | 14 | 12 |
| 323158 | 129.7 | 131.2 | split core | | 1.5 | 100 | 0.076 | 0.8 | 162 | 19 | 12 |
| 323159 | 131.2 | 132.7 | split core | | 1.4 | 93 | 0.222 | 2.7 | 112 | 1185 | 18 |
| 323160 | | | standard | | | | 0.833 | 2.8 | 18 | 11800 | 88 |
| 323161 | | | blank | | | | 0.008 | 0.1 | 2 | 123 | 45 |
| 323162 | 132.7 | 134.3 | split core | | 1.5 | 94 | 0.158 | 2.0 | 134 | 997 | 22 |
| 323163 | 134.3 | 135.8 | split core | | 1.5 | 100 | 0.017 | 0.5 | 16 | 166 | 25 |
| 323164 | 135.8 | 137.3 | split core | | 1.5 | 100 | 0.020 | 0.6 | 19 | 90 | 24 |
| 323165 | 137.3 | 138.8 | split core | | 1.5 | 100 | 0.055 | 0.5 | 70 | 159 | 27 |
| 323166 | 138.8 | 140.3 | split core | | 1.5 | 100 | 0.060 | 0.9 | 41 | 365 | 27 |
| | 140.3 | 159.1 | no sample | | | | | | | | |
| 323167 | 159.1 | 160.6 | split core | | 1.5 | 100 | 0.059 | 0.7 | 85 | 226 | 23 |
| 323168 | 160.6 | 162.1 | split core | | 1.5 | 100 | 0.231 | 0.2 | 81 | 111 | 26 |
| 323169 | 162.1 | 163.7 | split core | | 1.6 | 100 | 0.061 | 0.4 | 36 | 160 | 27 |
| 323170 | 163.7 | 165.2 | split core | | 1.5 | 100 | 0.064 | 1.3 | 16 | 553 | 28 |
| 323171 | 165.2 | 166.7 | split core | | 1.5 | 100 | 0.064 | 2.9 | 182 | 1675 | 35 |
| 323172 | 166.7 | 168.2 | split core | | 1.5 | 100 | 0.013 | 1.3 | 155 | 556 | 27 |
| 323173 | 168.2 | 169.8 | split core | | 1.6 | 100 | 0.119 | 0.7 | 102 | 380 | 27 |
| 323174 | 169.8 | 171.3 | split core | | 1.5 | 100 | 0.209 | 3.3 | 201 | 1430 | 22 |
| 323175 | 171.3 | 172.8 | split core | | 1.5 | 100 | 0.144 | 3.0 | 272 | 697 | 28 |

# Assay Sample Log LD05-10

Page: 3

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323176 | 172.8 | 174.3 | split core | | 1.5 | 100 | 0.051 | 0.8 | 88 | 287 | 25 |
| 323177 | 174.3 | 176.1 | split core | | 1.8 | 100 | 0.060 | 0.5 | 46 | 217 | 22 |
| | 176.1 | 217.2 | no sample | | | | | | | | |
| 323178 | 217.2 | 218.7 | split core | | 1.5 | 100 | 0.957 | 15.6 | 168 | 6550 | 45 |
| | 218.7 | 231.5 | no sample | | | | | | | | |
| 323179 | 231.5 | 233.0 | split core | | 1.5 | 100 | 0.156 | 0.6 | 35 | 209 | 26 |
| 323180 | | | standard | | | | 0.922 | 2.8 | 13 | 11700 | 93 |
| 323181 | | | blank | | | | 0.008 | 0.1 | 4 | 128 | 47 |
| 323182 | 233.0 | 234.5 | split core | | 1.3 | 87 | 0.037 | 0.7 | 39 | 241 | 30 |
| 323183 | 234.5 | 236.0 | split core | | 1.5 | 100 | 3.450 | 72.5 | 138 | 27100 | 272 |
| 323184 | 236.0 | 237.5 | split core | | 1.5 | 100 | 0.196 | 0.4 | 186 | 261 | 16 |
| 323185 | 237.5 | 239.0 | split core | | 1.5 | 100 | 0.059 | 1.1 | 182 | 463 | 21 |
| 323186 | 239.0 | 240.0 | split core | | 0.9 | 90 | 0.440 | 5.1 | >10000 | 2510 | 56 |
| 323187 | 240.0 | 241.0 | split core | | 1.0 | 100 | 0.368 | 4.8 | 246 | 2660 | 29 |
| | 241.0 | 261.2 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 261.2m | | | | | | | | | | | |

# RQD Log  LD05-10

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| | | | 148.4 | | |
| 20.4 | 34 | 2 | 151.5 | 183 | 59 |
| 23.5 | 83 | 27 | 154.5 | 156 | 52 |
| 26.5 | 69 | 23 | 157.6 | 195 | 63 |
| 29.6 | 153 | 49 | 160.6 | 274 | 91 |
| 32.6 | 164 | 55 | 163.7 | 255 | 82 |
| 35.7 | 138 | 45 | 166.7 | 155 | 52 |
| 38.7 | 64 | 21 | 169.8 | 265 | 85 |
| 41.8 | 153 | 49 | 172.8 | 209 | 70 |
| 42.4 | 18 | 30 | 175.9 | 265 | 85 |
| 44.8 | 138 | 58 | 178.9 | 254 | 85 |
| 47.9 | 222 | 72 | 182.0 | 269 | 87 |
| 50.9 | 110 | 37 | 185.0 | 231 | 77 |
| 53.9 | 111 | 37 | 188.1 | 218 | 70 |
| 57.0 | 160 | 52 | 191.1 | 235 | 78 |
| 60.0 | 211 | 70 | 194.1 | 246 | 82 |
| 63.1 | 200 | 65 | 197.2 | 188 | 61 |
| 66.1 | 0 | 0 | 200.2 | 179 | 60 |
| 69.2 | 0 | 0 | 203.3 | 277 | 89 |
| 72.2 | 178 | 59 | 206.3 | 254 | 85 |
| 75.3 | 167 | 54 | 209.4 | 163 | 53 |
| 78.3 | 265 | 88 | 212.4 | 229 | 76 |
| 81.4 | 45 | 15 | 215.5 | 158 | 51 |
| 84.4 | 224 | 75 | 218.5 | 212 | 71 |
| 87.5 | 49 | 16 | 221.6 | 206 | 66 |
| 90.5 | 234 | 78 | 224.6 | 270 | 90 |
| 93.6 | 256 | 83 | 227.7 | 40 | 13 |
| 96.6 | 237 | 79 | 230.7 | 135 | 45 |
| 99.7 | 244 | 79 | 233.8 | 187 | 60 |
| 102.7 | 152 | 51 | 236.8 | 246 | 82 |
| 105.8 | 177 | 57 | 239.9 | 293 | 95 |
| 108.8 | 235 | 78 | 242.9 | 198 | 66 |
| 111.9 | 232 | 75 | 246.0 | 232 | 75 |
| 114.9 | 279 | 93 | 249.0 | 180 | 60 |
| 118.0 | 107 | 35 | 252.1 | 246 | 79 |
| 121.0 | 252 | 84 | 255.1 | 250 | 83 |
| 124.0 | 279 | 93 | 258.2 | 48 | 15 |
| 127.1 | 301 | 97 | 261.2 | 123 | 41 |
| 130.1 | 244 | 81 | | | |
| 133.2 | 160 | 52 | EOH @ 261.2m | | |
| 136.2 | 264 | 88 | | | |
| 139.3 | 232 | 75 | | | |
| 142.3 | 293 | 98 | | | |
| 145.4 | 30 | 10 | | | |
| 148.4 | 128 | 43 | | | |

# Survey Log  LD05-11

**UTM Northing:** 6162173.1
**UTM Easting:** 346726.5
**Elevation:** 1359.7
**Length:** 441.0

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 50.0 | | -45.00 | |
| 247 | 75.3 | 29.6 | 51.6 | | -46.70 | 5771 |
| 447 | 136.2 | 30.8 | 52.8 | | -47.00 | 5774 |
| 647 | 197.2 | 31.9 | 53.9 | | -46.90 | 5745 |
| 847 | 258.2 | 34 | 56.0 | | -46.10 | 5759 |
| 1047 | 319.1 | 36.7 | 58.7 | | -45.80 | 5805 |
| 1247 | 380.1 | 38.1 | 60.1 | | -44.70 | 5780 |
| 1447 | 441.0 | 39.8 | 61.8 | | -43.30 | 5841 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

## Diamond Drill Log LD05-11

Date: Logged By: DJH Page 1/9

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 18.3 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 18.3 | 198.7 | M | | | | | | | | | 1 | | 1 | | tr | | | | | | **Monzonite (Glover Stock)** |
| | | | FLT | 33.3 | 52 | | | | | | | | | | | | | | | | greenish grey, med grained, non-magentic |
| | | | FLT | 91.2 | 50 | | | | | | | | | | | | | | | | w/ 10% euhedral bornblende alt'd to chlorite |
| | | | FLT | 138.0 | 10 | | | | | | | | | | | | | | | | occasional Qtz+/-PY+/-MO vns to 10mm |
| | | | FLT | 168.3 | 70 | | | | | | | | | | | | | | | | PY as dissems, vns w/ Qtz |
| | | | | | | | | | | | | | | | | | | | | | 18.3-25.9: variably oxidized w/ loc soft, crumbly core |
| | | | | | | | | | | | | | | | | | | | | | 33.3-33.4: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | CP in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 38.0-41.0: 1X Qtz+MO+PY vnlt |
| | | | | | | | | | | | | | | | | | | | | | 41.0-44.0: 2X Qtz+MO+PY vnlts; 1X CP <vnlt |
| | | | | | | | | | | | | | | | | | | | | | 44.0-47.0: 1X Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 47.0-50.0: 3X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 50.0-53.0: 3X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 49.9: 20mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 53.0-56.0: 3X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 56.0-56.4: healed fault bxia |
| | | | | | | | | | | | | | | | | | | | | | 59.5-60.1: bxia w/ rounded and sub-rounded frags to 40mm w/ 4% PY as |
| | | | | | | | | | | | | | | | | | | | | | blebs, dissems, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | rare calcite vns to 20mm |
| | | | | | | | | | | | | | | | | | | | | | finer grained from 57.0 to end of interval |
| | | | | | | | | | | | | | | | | | | | | | 72.0-75.0: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 75.0-78.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 78.0-81.0: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 81.0-84.0: 1X Qtz+PY+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 84.0-87.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 87.0-90.0: 1X MO vnlt; 1X Qtz+PY+CP vnlt |
| | | | | | | | | | | | | | | | | | | | | | 91.2: 30mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 90.0-93.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 93.0-96.0: 3X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 96.0-99.0: 1X Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 99.0-102.0: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 102.0-105.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 105.0-108.0: 4X Qtz+MO vnlts |

# Diamond Drill Log LD05-11

Date: Logged By: DJH Page 2/9

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **18.3-198.7 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 108.0-111.0: 1X Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 111.0-114.0: 3X MO <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 114.0-117.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 117.0-120.0: 3X Qtz+ MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 138.0-138.4: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 120.0-145.0: rare <vnlts w/ MO; v. rare carbonate vnlts w/ tr MO |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 145.0-148.0: 1X Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 148.0-151.0: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 151.0-154.0: 1X Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 154.0-157.0: 4X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 153.9: rubble and lost core; no gouge recovered |
| | | | | | | | | | | | | | | | | | | | | | MO generally in Qtz+/-PY vnlts to 5mm and in <vnlts w/PY (no alt'n selvages) |
| | | | | | | | | | | | | | | | | | | | | | PY in irreg vnlts w/ Qtz (dk green/blk chlorite alt'n selvages; 2-4mm wide) |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 157.0-160.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 160.0-163.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 163.0-166.0: 1X Qtz+MO vnlt; 1X CP vnlt |
| | | | | | | | | | | | | | | | | | | | | | 166.0-169.0: 3X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 167.7-:167.9: strongly fractured and broken w/ minor fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 168.3: 20mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 169.0-172.0: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 172.0-175.0: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 175.0-178.0: 1X Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 178.0-181.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 181.0-184.0: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 184.0-187.0: 1X Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 187.0-190.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 179.7: 40mm fault gouge and small rock frags |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-11

Date: Logged By: DJH Page 3/9

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **18.3-198.7 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 190.0-193.0: no MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | 193.0-196.0: 1X PY+MO vnlt; !X MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 196.0-198.7: 2X Qtz+MO vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 198.7 | 201.5 | SPbh | | | | 3 | 1 | 1 | | tr | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite w/ Local Skarnoid Alteration** |
| | | | S1 | 201.3 | 55 | | | | | | | | | | | | | | | | heterolithic interval |
| | | | | | | | | | | | | | | | | | | | | | PY patches in Mineralized Retrograde Skarn |
| | | | | | | | | | | | | | | | | | | | | | 198.7-199.9: Biotite Hornfelsed Siliceous Phyllite grading to SPa locally |
| | | | | | | | | | | | | | | | | | | | | | 199.9-200.2: mineralized retrograde skarn and prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 200.2-200.9: Siliceous Phyllite w/ intercalated Mafic Tuff (chlorite-calcite phyllite) |
| | | | | | | | | | | | | | | | | | | | | | 200.9-201.5: Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | |
| 201.5 | 203.7 | SKrm | | | | | 2 | 3 | tr | | | | 5 | | | | | | | | **Weakly Mineralized Chlorite+Epidote+Calcite+Clay Retrograde Skarn** |
| | | | CN | 203.7 | 60 | | | | | | | | | | | | | | | | grades loc to Ca-Garnet+Cpx Prograde Skarn |
| | | | | | | | | | | | | | | | | | | | | | minor remnant patches of limestone |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | tr MO in Qtz vnlt |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 203.7 | 213.4 | SPbh | | | | 5 | | | | tr | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 205.2 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 209.3 | 47 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | FLT | 209.8 | 10 | | | | | | | | | | | | | | | | tr MO in Qtz vnlt |
| | | | | | | | | | | | | | | | | | | | | | 207.8-208.0: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 208.5-208.9: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 209.8: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 213.4 | 218.5 | Md | | | | | | | | | <1 | | <1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 213.4 | 40 | | | | | | | | | | | | | | | | w/ 2% mafics alt'd to chlorite |
| | | | CN | 218.5 | 42 | | | | | | | | | | | | | | | | PY in <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | |
| 218.5 | 247.0 | SPbh | | | | 5 | | tr? | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 222.4 | 40 | | | | | | | | | | | | | | | | w/ small bands of mineralized retrograde skarn w/ 25% PY |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | S1 | 246.0 | 43 | | | | | | | | | | | | | | | | **218.5-247.0 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | (chlorite+epidote+quartz+pyrite w/ incipient compositional laminae indicating |
| | | | | | | | | | | | | | | | | | | | | | phyllite protolith) |
| | | | | | | | | | | | | | | | | | | | | | 218.7-219.0: mineralized retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 219.7-219.9: mineralized retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 220.1-220.2: mineralized retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | (SKrm? bands have no relict garnet and only minor dk green/blk chlorite) |
| | | | | | | | | | | | | | | | | | | | | | PY in rare vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 221.4-222.0: strongly fractured and broken w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 223.5-223.9: strongly fractured and broken w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 224.2-224.6: strongly fractured and broken w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 230.3: tr prograde skarn; S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | 237.0-237.1: monzonite dyklet w/ sharp, irreg cnts (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | 242.3-243.7: SKrm? w/ 25% PY patches and 15% SKp patches |
| | | | | | | | | | | | | | | | | | | | | | 244.1-244.4: alt'd monzonite dyklet w/ fairly sharp cnts (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 247.0 | 250.2 | SKpm | | | | | 5 | tr | | | | | 10 | | | | | | | | **Weakly Mineralized Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | loc SKr alt'n w/ dk green/black chlorite alt'n rims on garnet xtls |
| | | | | | | | | | | | | | | | | | | | | | red-brown garnet+epidote+calcite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 250.2 | 252.4 | SKpm-SPbh | | | | 2 | 2 | 1 | | tr | | | 7 | | | | | | | | **Mixed Interval w/ Biotite Hornfelsed Siliceous Phyllite and Mineralized Skarn** |
| | | | | | | | | | | | | | | | | | | | | | wkly mineralized |
| | | | | | | | | | | | | | | | | | | | | | ie incomplete skarnoid development |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | |
| 252.4 | 256.7 | SPbh | | | | 4 | 1 | tr | | | | | 3 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 252.7 | 30 | | | | | | | | | | | | | | | | w/ loc SKp/SKr bands and patches |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 256.7 | 258.5 | Md | | | | | 1 | tr | | | | | 3 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | w/ 10% endoskarn alt'n patches and bands |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed due to alt'n overprinting |
| | | | | | | | | | | | | | | | | | | | | | |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 258.5 | 270.3 | SPbh | | | | 4 | 1 | tr | | tr | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 258.8 | 42 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 263.7 | 40 | | | | | | | | | | | | | | | | w/ <10% SKp/SKr bands and patches |
| | | | S1 | 270.0 | 43 | | | | | | | | | | | | | | | | PY in patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | wk chlorite retrograde rims on garnet xtls |
| | | | | | | | | | | | | | | | | | | | | | 264.4: tr MO in <vnlt |
| | | | | | | | | | | | | | | | | | | | | | |
| 270.3 | 271.0 | SKpm | | | | | 5 | tr | | | | | 5 | | | | | | | | **Ca-Garnet-Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc dk green/blk chlorite retrograde skarn patches |
| | | | | | | | | | | | | | | | | | | | | | wkly mineralized |
| | | | | | | | | | | | | | | | | | | | | | |
| 271.0 | 271.8 | Md | | | | | tr | | | | | | 3 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 271.0 | 42 | | | | | | | | | | | | | | | | pale green/grey, fine-med grained, non-magnetic, w/ rare feldspar phenos |
| | | | | | | | | | | | | | | | | | | | | | PY in phyllite xenoliths (ie stoped frags) |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt overprinted w/ SKp (ie endoskarn) |
| | | | | | | | | | | | | | | | | | | | | | |
| 271.8 | 272.9 | SKp | | | | 1 | 4 | | | | | | 3 | | | | | | | | **Ca-Garnet+Calcite+Cpx Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 272.9: MO in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 272.9 | `275.6 | SPbh | | | | 4 | 1 | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 274.9 | 61 | | | | | | | | | | | | | | | | w/ <10% SKp bands and patches |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 275.6 | 286.9 | Md | | | | | | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | med grained, wkly feldspar phyric, 2% mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | carbonate in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 286.9 | 287.6 | Md | | | | | | | | | tr | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 287.6 | 49 | | | | | | | | | | | | | | | | fine grained, dk grey/green (ie chilled margin) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, x-cuts S1 |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **286.9-287.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 287.6 | 290.0 | SPa | | | | tr | 1 | | | 4 | | | 2 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | S1 | 289.3 | 32 | | | | | | | | | | | | | | | | w/ 20% fracture controlled "skarnoid" alt'n patches |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts and patches in Skarn |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 288.0: tr MO in skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 290.0 | 299.5 | SKpm | | | | | 5 | tr | | | | | 4 | | 0.5 | | | | | | **Weakly Mineralized Ca-Garnet+Calcite+Cpx Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | minor dk green/blk chlorite alt'n |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs locally |
| | | | | | | | | | | | | | | | | | | | | | 290.1: MO blebs w/ red hematite |
| | | | | | | | | | | | | | | | | | | | | | specular hematite blebs loc. |
| | | | | | | | | | | | | | | | | | | | | | 296.2-296.4: rubble w/ black fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 299.5 | 311.3 | Mpd | | | | | | | | tr | | | | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | FLB | 299.6 | 52 | | | | | | | | | | | | | | | | med gy/gr, non-magnetic, w/ 5% megacrystic feldspar phenos to 10X8mm |
| | | | CN | 311.3 | 56 | | | | | | | | | | | | | | | | upper cnt sharp, irreg, parallel to flow banding |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 311.3 | 323.8 | SKp | | | | | 4 | 1 | | | | | 2 | | | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | yellow ca-garnet+cpx?+calcite+tr epidote prograde skarn w/ garnets to 5mm loc |
| | | | | | | | | | | | | | | | | | | | | | 311.5-311.8: post skarn healed bxia associated w/ rubble and sandy fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 313.1-314.8: red, earthy hematite on fractures |
| | | | | | | | | | | | | | | | | | | | | | 2% specular hematite as patches |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | <10% SKr w/ dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | 314.0-314.3 felsite dyke |
| | | | | | | | | | | | | | | | | | | | | | 321.4-321.6: monzonite patch |
| | | | | | | | | | | | | | | | | | | | | | |
| 323.8 | 325.1 | Md | | | | | | | | | | | tr | | | | | | | | **Monzonite Dyke** |
| | | | CN | 325.1 | 35 | | | | | | | | | | | | | | | | fine-med grained, med-dk grey/green, non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **323.8-325.1 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, no chilled cnts |
| | | | | | | | | | | | | | | | | | | | | | |
| 325.1 | 336.6 | SKp | | | | | 5 | tr | | | | | 3 | | | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | loc wk retrograde alt'n w/ dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | loc specular hematite patches |
| | | | | | | | | | | | | | | | | | | | | | PY in patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 336.6 | 337.5 | MS | | | | | | | | | | | 90 | | | | | | | | **Massive Pyrite** |
| | | | | | | | | | | | | | | | | | | | | | coarse xtline PY w/ patches of carbonate and Qtz |
| | | | | | | | | | | | | | | | | | | | | | |
| 337.5 | 338.7 | PQ | | | | tr | | | | tr | | | | tr | | | | | | | **Phyllitic Quartzite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to carbonaceous phyllitic quartzite and sericite alt'd phyllitic quartzite |
| | | | | | | | | | | | | | | | | | | | | | grades loc to biotite hornfelsed phyllitic quartzite |
| | | | | | | | | | | | | | | | | | | | | | wkly phyllitic |
| | | | | | | | | | | | | | | | | | | | | | PO as fine grained clusters |
| | | | | | | | | | | | | | | | | | | | | | |
| 338.7 | 340.1 | Md | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | CN | 338.7 | 64 | | | | | | | | | | | | | | | | lt grey, non-magnetic, wkly flow banded, med-fine grained |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt wkly gradational (ie assimilated) |
| | | | | | | | | | | | | | | | | | | | | | |
| 340.1 | 400.9 | SPbh | | | | 3 | | | | tr | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 340.3 | 50 | | | | | | | | | | | | | | | | grades loc to phyllitic quartzite |
| | | | S1 | 348.0 | 58 | | | | | | | | | | | | | | | | grades loc to carbonaceous siliceous phyllite (SPc) |
| | | | S1 | 353.4 | 58 | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | S1 | 357.7 | 60 | | | | | | | | | | | | | | | | 354.2: 50mm healed fault bxia |
| | | | S1 | 364.1 | 62 | | | | | | | | | | | | | | | | 357.0-357.1: healed fault bxia |
| | | | S1 | 369.5 | 55 | | | | | | | | | | | | | | | | 370.1-370.7: incipient cpx prograde skarn w/ 10% PY+ trPO |
| | | | S1 | 376.6 | 60 | | | | | | | | | | | | | | | | 371.7-373.8: "crackled" texture |
| | | | S1 | 380.5 | 62 | | | | | | | | | | | | | | | | 375.0-377.0: loc strongly fractured and broken w/o gouge |
| | | | S1 | 387.2 | 52 | | | | | | | | | | | | | | | | 390.6-390.7: band of cpx prograde skarn w/ 30% PO as patches; cnts irreg |
| | | | S1 | 393.0 | 65 | | | | | | | | | | | | | | | | 394.0-394.1: rubble w/o fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 394.3-394.4: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 397.6: 5mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-11

Date: Logged By: DJH Page 8/9

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 400.9 | 402.0 | SKpm | | | | 2 | 3 | ? | | | | | | 20 | 0.5 | | | | | | **Incipiently Developed Mineralized Cpx Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | w/ minor retorgrade? skarn |
| | | | | | | | | | | | | | | | | | | | | | PO as patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs within PO |
| | | | | | | | | | | | | | | | | | | | | | 404.4-404.8: massive PO+1% CP associated w/ possible retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 402.0 | 410.5 | SPbh | | | | 5 | | | | | | | tr | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 403.5 | 57 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | S1 | 409.6 | 44 | | | | | | | | | | | | | | | | 409.7-410.5: strongly fractured and broken w/ rubble, fault gouge, slickensides |
| | | | | | | | | | | | | | | | | | | | | | |
| 410.5 | 411.4 | SKrm | | | | | 5 | | | | | | 5 | | 0.3 | | | | | 3 | **Weakly Mineralized Ca-Garnet+Magnetite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc remnant compositional layering |
| | | | | | | | | | | | | | | | | | | | | | MG as large patches |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 411.4 | 413.1 | SPbh | | | | 4 | 1 | | | | | | <1 | | 0.1 | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | loc prograde skarn bands |
| | | | | | | | | | | | | | | | | | | | | | 412.2-412.4: prograde skarn w/ PY+CP |
| | | | | | | | | | | | | | | | | | | | | | 412.4-413.0: strongly fractured and broken w/ rubble and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 413.1 | 413.9 | SKpm | | | | tr | 5 | | | tr | | | 5 | | 0.3 | | | | | | **Mineralized Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ minor Biotite Hornfelsed Siliceous Phyllite and loc Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 413.9 | 425.0 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 414.9 | 51 | | | | | | | | | | | | | | | | PY in patches, <vnlts |
| | | | S1 | 420.2 | 55 | | | | | | | | | | | | | | | | |
| | | | S1 | 424.8 | 65 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 425.0 | 427.4 | LS | | | | | 1 | | 4 | | | | <1 | | 0.1 | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | 425.0-425.1: prograde skarn w/ PY+CP |

# Diamond Drill Log LD05-11

Date: Logged By: DJH Page 9/9

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 427.4 | 430.5 | SPbh | | | | 5 | tr | tr | | | | | | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 429.7 | 50 | | | | | | | | | | | | | | | | 427.4-427.7: incipient prograde skarn w/ loc retrograde patches of dk green/blk Chl |
| | | | | | | | | | | | | | | | | | | | | | |
| 430.5 | 436.4 | SKpm | | | | | 5 | tr | | | | | 10 | | | | | | | | **Weakly Mineralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | v. weak and loc retrograde alt'n w/ dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational from SKp through banded SKp/SP to SP |
| | | | | | | | | | | | | | | | | | | | | | 433.4-434.6: atypical skarn w/ patches of red/brown garnet in a pale green |
| | | | | | | | | | | | | | | | | | | | | | calcareous rock (mixture of calcite and either wollastonite or tremolite/actinolite) |
| | | | | | | | | | | | | | | | | | | | | | w/ local limestone patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 436.4 | 441.0 | SPbh | | | | 5 | | tr | | | | | | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 440.2 | 60 | | | | | | | | | | | | | | | | 437.3-437.7: strongly fractured and broken w/ rubble |
| | | | | | | | | | | | | | | | | | | | | | 438.4-438.7: strongly fractured and broken w/ rubble and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 440.1: 40mm actinolite-tremolite retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 441.0m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-11

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 26.0 | no sample | | | | | | | | |
| 323188 | 26.0 | 29.0 | split core | | 3.0 | 100 | 0.011 | 0.5 | 196 | 258 | 25 |
| | 29.0 | 38.0 | no sample | | | | | | | | |
| 323189 | 38.0 | 41.0 | split core | | 3.0 | 100 | 0.021 | 0.9 | 12 | 546 | 22 |
| 323190 | 41.0 | 44.0 | split core | | 3.0 | 100 | 0.016 | 0.6 | 10 | 503 | 24 |
| 323191 | 44.0 | 47.0 | split core | | 3.0 | 100 | 0.017 | 0.5 | 5 | 455 | 22 |
| 323192 | 47.0 | 50.0 | split core | | 3.0 | 100 | 0.013 | 0.5 | 11 | 323 | 27 |
| 323193 | 50.0 | 53.0 | split core | | 3.0 | 100 | 0.008 | 0.3 | 4 | 235 | 21 |
| 323194 | 53.0 | 56.0 | split core | | 2.9 | 97 | 0.012 | 0.5 | 10 | 299 | 30 |
| | 56.0 | 72.0 | no sample | | | | | | | | |
| 323195 | 72.0 | 75.0 | split core | | 3.0 | 100 | 0.017 | 0.9 | 18 | 754 | 21 |
| 323196 | 75.0 | 78.0 | split core | | 3.0 | 100 | 0.011 | 0.4 | 17 | 344 | 24 |
| 323197 | 78.0 | 81.0 | split core | | 3.0 | 100 | 0.006 | 0.3 | 10 | 231 | 21 |
| 323198 | 81.0 | 84.0 | split core | | 3.0 | 100 | 0.009 | 0.4 | 16 | 338 | 21 |
| 323199 | 84.0 | 87.0 | split core | | 3.0 | 100 | 0.005 | 0.2 | 6 | 148 | 21 |
| 323200 | | | standard | | | | 0.919 | 2.8 | 6 | 12100 | 86 |
| 323201 | | | blank | | | | 0.008 | 0.1 | 7 | 135 | 44 |
| 323202 | 87.0 | 90.0 | split core | | 3.0 | 100 | 0.008 | 0.3 | 5 | 192 | 20 |
| 323203 | 90.0 | 93.0 | split core | | 3.0 | 100 | 0.009 | 0.3 | 53 | 213 | 21 |
| 323204 | 93.0 | 96.0 | split core | | 3.0 | 100 | 0.010 | 0.4 | 9 | 332 | 18 |
| 323205 | 96.0 | 99.0 | split core | | 3.0 | 100 | 0.007 | 0.3 | 5 | 215 | 19 |
| 323206 | 99.0 | 102.0 | split core | | 3.0 | 100 | 0.006 | 0.3 | 2 | 178 | 19 |
| 323207 | 102.0 | 105.0 | split core | | 3.0 | 100 | 0.005 | 0.2 | 5 | 150 | 20 |
| 323208 | 105.0 | 108.0 | split core | | 3.0 | 100 | 0.007 | 0.3 | 15 | 279 | 21 |
| 323209 | 108.0 | 111.0 | split core | | 3.0 | 100 | 0.009 | 0.4 | 2 | 237 | 20 |
| 323210 | 111.0 | 114.0 | split core | | 3.0 | 100 | 0.005 | 0.3 | 10 | 169 | 21 |
| 323211 | 114.0 | 117.0 | split core | | 3.0 | 100 | 0.002 | 0.3 | 4 | 181 | 19 |
| 323212 | 117.0 | 120.0 | split core | | 3.0 | 100 | 0.002 | 0.3 | 1 | 150 | 20 |
| | 120 | 145.0 | no sample | | | | | | | | |
| 323213 | 145 | 148.0 | split core | | 3.0 | 100 | 0.008 | 0.4 | 1 | 390 | 30 |
| 323214 | 148.0 | 151.0 | split core | | 3.0 | 100 | 0.007 | 0.3 | 10 | 208 | 25 |
| 323215 | 151.0 | 154.0 | split core | | 2.8 | 93 | 0.002 | 0.2 | 4 | 134 | 29 |

# Assay Sample Log LD05-11

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323216 | 154.0 | 157.0 | split core | | 3.0 | 100 | 0.007 | 0.3 | 21 | 162 | 35 |
| 323217 | 157.0 | 160.0 | split core | | 3.0 | 100 | 0.011 | 0.4 | 1 | 314 | 24 |
| 323218 | 160.0 | 163.0 | split core | | 3.0 | 100 | 0.007 | 0.4 | 5 | 288 | 23 |
| 323219 | 163.0 | 166.0 | split core | | 3.0 | 100 | 0.013 | 0.5 | 7 | 285 | 33 |
| 323220 | | | standard | | | | 1.040 | 2.7 | 19 | 11900 | 88 |
| 323221 | | | blank | | | | 0.007 | 0.1 | 9 | 136 | 48 |
| 323222 | 166.0 | 169.0 | split core | | 2.7 | 90 | 0.013 | 0.4 | 4 | 335 | 20 |
| 323223 | 169.0 | 172.0 | split core | | 3.0 | 100 | 0.008 | 0.2 | 7 | 134 | 24 |
| 323224 | 172.0 | 175.0 | split core | | 3.0 | 100 | 0.008 | 0.3 | 16 | 244 | 22 |
| 323225 | 175.0 | 178.0 | split core | | 3.0 | 100 | 0.010 | 0.4 | 13 | 270 | 22 |
| 323226 | 178.0 | 181.0 | split core | | 3.0 | 100 | 0.006 | 0.3 | 23 | 215 | 17 |
| 323227 | 181.0 | 184.0 | split core | | 3.0 | 100 | 0.006 | 0.3 | 11 | 241 | 19 |
| 323228 | 184.0 | 187.0 | split core | | 3.0 | 100 | 0.007 | 0.5 | 8 | 253 | 22 |
| 323229 | 187.0 | 190.0 | split core | | 3.0 | 100 | 0.005 | 0.3 | 4 | 286 | 16 |
| 323230 | 190.0 | 193.0 | split core | | 3.0 | 100 | 0.016 | 0.5 | 63 | 235 | 24 |
| 323231 | 193.0 | 196.0 | split core | | 3.0 | 100 | 0.007 | 0.2 | 34 | 151 | 23 |
| 323232 | 196.0 | 198.7 | split core | | 2.7 | 100 | 0.008 | 0.5 | 20 | 312 | 22 |
| | 198.7 | 199.9 | no sample | | | | | | | | |
| 323233 | 199.9 | 201.5 | split core | | 1.6 | 100 | 0.043 | 1.4 | 73 | 788 | 37 |
| 323234 | 201.5 | 203.7 | split core | | 2.1 | 95 | 0.051 | 2.4 | 190 | 1240 | 47 |
| | 203.7 | 218.7 | no sample | | | | | | | | |
| 323235 | 218.7 | 220.2 | split core | | 1.4 | 93 | 0.192 | 4.1 | 53 | 4320 | 36 |
| | 220.2 | 242.9 | no sample | | | 0 | | | | | |
| 323236 | 242.9 | 244.4 | split core | | 1.5 | 100 | 0.021 | 1.0 | 35 | 506 | 48 |
| | 244.4 | 247.0 | no sample | | | | | | | | |
| 323237 | 247.0 | 248.5 | split core | | 1.5 | 100 | 0.103 | 2.9 | 71 | 1490 | 68 |
| 323238 | 248.5 | 250.0 | split core | | 1.5 | 100 | 0.074 | 1.8 | 36 | 981 | 14 |
| 323239 | 250.0 | 251.5 | split core | | 1.5 | 100 | 0.129 | 2.4 | 40 | 1305 | 39 |
| 323240 | | | standard | | | | 0.926 | 2.9 | 17 | 11800 | 92 |
| 323241 | | | blank | | | | 0.007 | 0.1 | 1 | 142 | 48 |
| 323242 | 251.5 | 253.0 | split core | | 1.5 | 100 | 0.055 | 2.1 | 32 | 1250 | 44 |
| 323243 | 253.0 | 254.5 | split core | | 1.5 | 100 | 0.090 | 3.5 | 30 | 1575 | 82 |
| 323244 | 254.5 | 256.0 | split core | | 1.5 | 100 | 0.028 | 0.3 | 10 | 210 | 51 |

# Assay Sample Log LD05-11

Page: 3

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323245 | 256.0 | 257.5 | split core | | 1.5 | 100 | 0.021 | 0.9 | 28 | 566 | 26 |
| 323246 | 257.5 | 259.0 | split core | | 1.5 | 100 | 0.025 | 1.0 | 22 | 609 | 28 |
| 323247 | 259.0 | 260.5 | split core | | 1.5 | 100 | 0.029 | 1.0 | 67 | 568 | 27 |
| 323248 | 260.5 | 262.0 | split core | | 1.5 | 100 | 0.022 | 0.6 | 30 | 388 | 31 |
| 323249 | 262.0 | 263.5 | split core | | 1.5 | 100 | 0.030 | 0.8 | 42 | 437 | 29 |
| 323250 | 263.5 | 265.0 | split core | | 1.5 | 100 | 0.024 | 0.6 | 12 | 426 | 29 |
| | 265.0 | 269.5 | no sample | | | | | | | | |
| 323251 | 269.5 | 271.0 | split core | | 1.5 | 100 | 0.082 | 2.0 | 56 | 1060 | 32 |
| 323252 | 271.0 | 271.8 | split core | | 0.8 | 100 | 0.033 | 0.5 | 9 | 382 | 29 |
| 323253 | 271.8 | 273.4 | split core | | 1.4 | 88 | 0.067 | 0.9 | 27 | 505 | 30 |
| | 273.4 | 287.6 | no sample | | | | | | | | |
| 323254 | 287.6 | 288.8 | split core | | 1.2 | 100 | 0.044 | 1.1 | 74 | 707 | 28 |
| 323255 | 288.8 | 290.0 | split core | | 1.2 | 100 | 0.037 | 0.8 | 34 | 408 | 23 |
| 323256 | 290.0 | 291.5 | split core | | 1.5 | 100 | 0.136 | 0.7 | 98 | 273 | 26 |
| 323257 | 291.5 | 293.0 | split core | | 1.5 | 100 | 0.841 | 9.5 | 110 | 6120 | 36 |
| 323258 | 293.0 | 294.5 | split core | | 1.5 | 100 | 0.383 | 3.9 | 88 | 2700 | 35 |
| 323259 | 294.5 | 296.0 | split core | | 1.5 | 100 | 0.322 | 4.1 | 104 | 2890 | 37 |
| 323260 | | | standard | | | | 0.995 | 2.8 | 14 | 11900 | 85 |
| 323261 | | | blank | | | | 0.009 | 0.1 | 7 | 133 | 44 |
| 323262 | 296.0 | 297.5 | split core | | 1.5 | 100 | 0.125 | 0.8 | 164 | 447 | 24 |
| 323263 | 297.5 | 298.5 | split core | | 1.0 | 100 | 0.010 | 0.2 | 604 | 78 | 13 |
| 323264 | 298.5 | 299.5 | split core | | 1.0 | 100 | 0.007 | 0.1 | 178 | 28 | 13 |
| | 299.5 | 311.3 | no sample | | | | | | | | |
| 323265 | 311.3 | 313.0 | split core | | 1.7 | 100 | 0.014 | 0.1 | 635 | 154 | 12 |
| 323266 | 313.0 | 314.5 | split core | | 1.5 | 100 | 0.019 | 0.1 | 432 | 62 | 8 |
| 323267 | 314.5 | 316.1 | split core | | 1.6 | 100 | 0.019 | 0.7 | 552 | 328 | 7 |
| 323268 | 316.1 | 317.6 | split core | | 1.5 | 100 | 0.010 | 0.1 | 456 | 107 | 22 |
| 323269 | 317.6 | 319.1 | split core | | 1.5 | 100 | 0.077 | 1.1 | 309 | 547 | 10 |
| 323270 | 319.1 | 320.6 | split core | | 1.5 | 100 | 0.144 | 1.0 | 284 | 902 | 21 |
| 323271 | 320.6 | 322.2 | split core | | 1.6 | 100 | 0.047 | 0.2 | 317 | 110 | 15 |
| 323272 | 322.2 | 323.8 | split core | | 1.6 | 100 | 0.034 | 0.6 | 293 | 343 | 24 |
| | 323.8 | 325.1 | no sample | | | | | | | | |
| 323273 | 325.1 | 326.6 | split core | | 1.5 | 100 | 0.140 | 0.7 | 221 | 676 | 17 |

# Assay Sample Log LD05-11

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| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323274 | 326.6 | 328.3 | split core | | 1.7 | 100 | 0.062 | 0.6 | 161 | 469 | 12 |
| 323275 | 328.3 | 329.8 | split core | | 1.5 | 100 | 0.046 | 0.4 | 316 | 331 | 15 |
| 323276 | 329.8 | 331.3 | split core | | 1.5 | 100 | 22.600 | 1.0 | 304 | 270 | 22 |
| 323277 | 331.3 | 332.8 | split core | | 1.5 | 100 | 0.299 | 0.3 | 136 | 148 | 22 |
| 323278 | 332.8 | 334.3 | split core | | 1.5 | 100 | 0.139 | 0.1 | 205 | 14 | 21 |
| 323279 | 334.3 | 335.8 | split core | | 1.5 | 100 | 0.008 | 0.1 | 165 | 14 | 23 |
| 323280 | | | standard | | | | 0.975 | 2.7 | 16 | 11700 | 83 |
| 323281 | | | blank | | | | 0.010 | 0.1 | 11 | 129 | 45 |
| 323282 | 335.8 | 337.5 | split core | | 1.7 | 100 | 0.023 | 0.1 | 154 | 10 | 10 |
| | 337.5 | 400.5 | no sample | | | | | | | | |
| 323283 | 400.5 | 402.0 | split core | | 1.5 | 100 | 0.074 | 0.6 | 26 | 1015 | 149 |
| | 402.0 | 410.5 | no sample | | | | | | | | |
| 323284 | 410.5 | 411.4 | split core | | 0.9 | 105 | 0.045 | 3.5 | 436 | 1630 | 21 |
| 323285 | 411.4 | 413.1 | split core | | 1.6 | 94 | 0.050 | 3.3 | 60 | 1505 | 35 |
| 323286 | 413.1 | 414.0 | split core | | 0.9 | 100 | 0.706 | 14.7 | 398 | 5280 | 32 |
| | 414.0 | 430.5 | no sample | | | | | | | | |
| 323287 | 430.5 | 432.0 | split core | | 1.5 | 100 | 0.025 | 0.5 | 116 | 55 | 40 |
| 323288 | 432.0 | 433.4 | split core | | 1.4 | 100 | 0.008 | 0.1 | 696 | 93 | 18 |
| 323289 | 433.4 | 434.6 | split core | | 1.2 | 100 | 0.007 | 0.2 | 83 | 11 | 22 |
| 323290 | 434.6 | 436.4 | split core | | 1.8 | 100 | 0.044 | 0.6 | 256 | 248 | 36 |
| | 436.4 | 441.0 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 441.0m | | | | | | | | | | | |
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# RQD Log  LD05-11

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| | | | 151.5 | | |
| 20.4 | 32 | 2 | 154.5 | 180 | 60 |
| 23.5 | 120 | 39 | 157.6 | 272 | 88 |
| 26.5 | 97 | 32 | 160.6 | 280 | 93 |
| 29.6 | 164 | 53 | 163.7 | 269 | 87 |
| 32.6 | 266 | 89 | 166.7 | 222 | 74 |
| 35.7 | 120 | 39 | 169.8 | 119 | 38 |
| 38.7 | 118 | 39 | 172.8 | 265 | 88 |
| 41.8 | 166 | 54 | 175.9 | 241 | 78 |
| 44.8 | 265 | 88 | 178.9 | 232 | 77 |
| 47.9 | 224 | 72 | 182.0 | 215 | 69 |
| 50.9 | 270 | 90 | 185.0 | 215 | 72 |
| 53.9 | 252 | 84 | 188.1 | 225 | 73 |
| 57.0 | 180 | 58 | 191.1 | 190 | 63 |
| 60.0 | 212 | 71 | 194.1 | 252 | 84 |
| 63.1 | 226 | 73 | 197.2 | 241 | 78 |
| 66.1 | 252 | 84 | 200.2 | 131 | 44 |
| 69.2 | 224 | 72 | 203.3 | 221 | 71 |
| 72.2 | 177 | 59 | 206.3 | 228 | 76 |
| 75.3 | 257 | 83 | 209.4 | 169 | 55 |
| 78.3 | 254 | 85 | 212.4 | 198 | 66 |
| 81.4 | 241 | 78 | 215.5 | 174 | 56 |
| 84.4 | 272 | 91 | 218.5 | 223 | 74 |
| 87.5 | 241 | 78 | 221.6 | 116 | 37 |
| 90.5 | 257 | 86 | 224.6 | 92 | 31 |
| 93.6 | 178 | 57 | 227.6 | 182 | 61 |
| 96.6 | 212 | 71 | 230.7 | 152 | 49 |
| 99.7 | 256 | 83 | 233.8 | 285 | 92 |
| 102.7 | 263 | 88 | 236.9 | 285 | 92 |
| 105.8 | 170 | 55 | 239.9 | 224 | 75 |
| 108.8 | 171 | 57 | 242.9 | 286 | 95 |
| 111.9 | 210 | 68 | 246.0 | 275 | 89 |
| 114.9 | 216 | 72 | 249.0 | 298 | 99 |
| 118.0 | 260 | 84 | 252.1 | 297 | 96 |
| 121.0 | 244 | 81 | 255.1 | 285 | 95 |
| 124.0 | 213 | 71 | 258.2 | 235 | 76 |
| 127.1 | 192 | 62 | 261.2 | 265 | 88 |
| 130.1 | 260 | 87 | 264.2 | 207 | 69 |
| 133.2 | 234 | 75 | 267.3 | 229 | 74 |
| 136.2 | 226 | 75 | 270.3 | 274 | 91 |
| 139.3 | 204 | 66 | 273.4 | 277 | 89 |
| 142.3 | 243 | 81 | 276.4 | 199 | 66 |
| 145.3 | 234 | 78 | 279.5 | 282 | 91 |
| 148.4 | 282 | 91 | 282.5 | 264 | 88 |
| 151.5 | 229 | 74 | 285.6 | 263 | 85 |

# RQD Log LD05-11

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 285.6 | | | 413.6 | | |
| 288.6 | 189 | 63 | 416.6 | 121 | 40 |
| 291.7 | 219 | 71 | 419.7 | 236 | 76 |
| 294.7 | 253 | 84 | 422.7 | 127 | 42 |
| 296.3 | 41 | 26 | 425.8 | 160 | 52 |
| 297.8 | 116 | 77 | 428.8 | 169 | 56 |
| 300.8 | 233 | 78 | 431.9 | 210 | 68 |
| 303.9 | 257 | 83 | 434.9 | 272 | 91 |
| 306.9 | 208 | 69 | 438.0 | 147 | 47 |
| 310.0 | 282 | 91 | 441.0 | 98 | 33 |
| 313.0 | 228 | 76 | | | |
| 316.1 | 166 | 54 | EOH @ 441.0m | | |
| 319.1 | 249 | 83 | | | |
| 322.2 | 272 | 88 | | | |
| 325.2 | 256 | 85 | | | |
| 328.3 | 247 | 80 | | | |
| 331.3 | 239 | 80 | | | |
| 334.3 | 302 | 101 | | | |
| 337.4 | 297 | 96 | | | |
| 339.5 | 216 | 103 | | | |
| 340.4 | 55 | 61 | | | |
| 343.5 | 159 | 51 | | | |
| 346.5 | 248 | 83 | | | |
| 349.6 | 201 | 65 | | | |
| 352.6 | 222 | 74 | | | |
| 355.7 | 173 | 56 | | | |
| 358.7 | 244 | 81 | | | |
| 361.8 | 218 | 70 | | | |
| 364.8 | 301 | 100 | | | |
| 367.9 | 238 | 77 | | | |
| 370.9 | 226 | 75 | | | |
| 374.0 | 264 | 85 | | | |
| 377.0 | 137 | 46 | | | |
| 380.1 | 148 | 48 | | | |
| 383.1 | 285 | 95 | | | |
| 386.2 | 193 | 62 | | | |
| 389.2 | 185 | 62 | | | |
| 392.3 | 200 | 65 | | | |
| 395.3 | 211 | 70 | | | |
| 398.4 | 112 | 36 | | | |
| 401.4 | 254 | 85 | | | |
| 404.4 | 241 | 80 | | | |
| 407.5 | 219 | 71 | | | |
| 410.5 | 197 | 66 | | | |
| 413.6 | 162 | 52 | | | |

# Survey Log  LD05-12

**UTM Northing:** 6161853.6
**UTM Easting:** 346917.0
**Elevation:** 1346.6
**Length:** 456.3

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 50.0 | | -65.00 | |
| 97 | 29.6 | 30 | 52.0 | | -63.50 | 4589 |
| 397 | 121.0 | 31.6 | 53.6 | | -64.20 | 5830 |
| 697 | 212.4 | 32.4 | 54.4 | | -63.70 | 5827 |
| 977 | 297.8 | 33 | 55.0 | | -63.30 | 5775 |
| 1297 | 395.3 | 35.5 | 57.5 | | -61.90 | 5771 |
| 1497 | 456.3 | 35.6 | 57.6 | | -61.20 | 5661 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**Diamond Drill Log** **LD05-12**

Date: Logged By: DJH Page 1/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 15.2 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 15.2 | 15.4 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | cored till boulders |
| | | | | | | | | | | | | | | | | | | | | | |
| 15.4 | 16.4 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 15.8 | 60 | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 16.4 | 18.1 | Md | | | | | | | | 1 | 1 | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | med grained, med-lt grey, non-magnetic, wkly porphyritic |
| | | | | | | | | | | | | | | | | | | | | | Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | Chl atl'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 16.4-17.4: strongly fractured and broken w/ rubble and loc fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 18.1 | 20.9 | Fd | | | | | tr | | | tr | tr | | 4 | | | | | | | | **Felsite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | fine grained, med grey/green |
| | | | | | | | | | | | | | | | | | | | | | w/ rare pathes of prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | epidote alt'n patches and blebs loc |
| | | | | | | | | | | | | | | | | | | | | | *chilled border phase of Monzonite Dyke |
| | | | | | | | | | | | | | | | | | | | | | PY in <vntls, blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 20.9 | 21.8 | Spbh | | | | | 5 | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 21.8 | 22.8 | Md | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | as above 16.4-18.1 |
| | | | | | | | | | | | | | | | | | | | | | 21.8-22.5: bxia w/ sharp lower cnt |
| | | | | | | | | | | | | | | | | | | | | | |
| 22.8 | 23.6 | SPbh | | | | | 5 | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-12

Date: Logged By: DJH Page 2/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 23.6 | 24.3 | Md | | | | | | | | 4 | 1 | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | in part megacrystic |
| | | | | | | | | | | | | | | | | | | | | | chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs |
| | | | | | | | | | | | | | | | | | | | | | cnts not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 24.3 | 54.7 | SPbh | | | | 5 | | tr | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 25.4 | 52 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | S1 | 31.9 | 51 | | | | | | | | | | | | | | | | w/ loc retrograde skarn bands |
| | | | S1 | 40.2 | 50 | | | | | | | | | | | | | | | | 28.3-28.5: broken core, rubble, fault gouge |
| | | | S1 | 44.9 | 55 | | | | | | | | | | | | | | | | 41.6-41.7: broken core, rubble, fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 42.9-43.1: broken core, rubble, no gouge |
| | | | | | | | | | | | | | | | | | | | | | 44.4-44.5: broken core, rubble, fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 43.8-43.9: broken core, rubble, fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 46.8-47.1: broken core, rubble, fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 50.5-50.7: SKrm w/ 50%PY+30% dk gr/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | 54.0-54.3: SKrm w/ 50%PY+15% Chl+5% Epidote |
| | | | | | | | | | | | | | | | | | | | | | |
| 54.7 | 67.9 | SKrm | | | | | 1 | 4 | | | | | 20 | | 2 | | | | | 1 | **Mineralized Chlorite+Pyrite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 15% prograde garnet skarn patches/bands |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | MG as patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs w/ PY |
| | | | | | | | | | | | | | | | | | | | | | loc epidote in retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 5-40% dark green/blk chlorite+magnetite |
| | | | | | | | | | | | | | | | | | | | | | 57.2-57.6: garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 59.5-60.0: prograde skarn w/ tr retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | 57.7-67.9: 3% CP |
| | | | | | | | | | | | | | | | | | | | | | |
| 67.9 | 81.4 | SKr | | | | | 2 | 3 | | | | | 2 | | tr | | | | | | **Chlorite(?) +Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | lt green, soft, wkly calcareous rock |
| | | | | | | | | | | | | | | | | | | | | | w/ 20-40% remnant patches of red/brown garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-12

Date: Logged By: DJH Page 3/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 81.4 | 115.8 | SKp | | | | | 5 | tr | tr | | | | 1 | | 0.1 | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | massive skarn w/ loc remnant limestone patches |
| | | | | | | | | | | | | | | | | | | | | | tr retrograde alt'n w/ dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | PY in Qtz vnlts and <vnlts (post skarn mineralization) |
| | | | | | | | | | | | | | | | | | | | | | CP w/PY |
| | | | | | | | | | | | | | | | | | | | | | loc red,earthy hematite in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | Qtz+PY vnlts have wk hematite rich selvages |
| | | | | | | | | | | | | | | | | | | | | | specular hematite in rare xtline patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 115.8 | 121.6 | SKpm | | | | | 5 | | | | | | 2 | | 5 | 1 | | | | | **Mineralized Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | as above 81.4-115.8 w/ CP patches |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | 119.0-120.4: SL in patches |
| | | | | | | | | | | | | | | | | | | | | | 121.3-121.6: gradational cnt w/ bands of limestone and retrograde alt'n w/ |
| | | | | | | | | | | | | | | | | | | | | | dark green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | |
| 121.6 | 152.1 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | S1 | 126.8 | 70 | | | | | | | | | | | | | | | | med grey, massive, recrystallized |
| | | | S1 | 136.0 | 40 | | | | | | | | | | | | | | | | w/ loc thin argillaceous laminae |
| | | | | | | | | | | | | | | | | | | | | | 134.4: tr PO as bleb |
| | | | | | | | | | | | | | | | | | | | | | 133.0: PY vnlt |
| | | | | | | | | | | | | | | | | | | | | | 139.3: prograde skarn band @ 69/16mm w/ sharp cnts |
| | | | | | | | | | | | | | | | | | | | | | dark grey, finely xtline, limestone blocks/frags throughout |
| | | | | | | | | | | | | | | | | | | | | | loc Fe-Mg rich carbonates |
| | | | | | | | | | | | | | | | | | | | | | 148.4-152.1: orange/brown coatings on fractures |
| | | | | | | | | | | | | | | | | | | | | | |
| 152.1 | 215.6 | SKp | | | | | 5 | | | | | | <1 | | | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs, rare vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc incipient bxia texture |
| | | | | | | | | | | | | | | | | | | | | | loc Qtz vnlts w/ red hematite rich selvages |
| | | | | | | | | | | | | | | | | | | | | | 152.1-157.0: <vnlts w/ red hematitie |
| | | | | | | | | | | | | | | | | | | | | | 162.4-165.7: vuggy, porous, friable |
| | | | | | | | | | | | | | | | | | | | | | 168.6-180.0: vuggy, porous, friable |
| | | | | | | | | | | | | | | | | | | | | | 173.8: cavity w/ Qtz xtls to 5mm long |
| | | | | | | | | | | | | | | | | | | | | | 188.7-189.0: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 199.1: CP/PO as blebs |

## Diamond Drill Log LD05-12

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **152.1-215.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 201.7-201.9: vuggy, porous, friable |
| | | | | | | | | | | | | | | | | | | | | | 207.2-207.4: CP blebs |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 215.6 | 218.2 | LSm | | | | | | | 5 | | | | 10 | | | | | | | | **Mineralized Limestone** |
| | | | | | | | | | | | | | | | | | | | | | PY as large patches |
| | | | | | | | | | | | | | | | | | | | | | 215.6-217.3: 3 zones w/ fault gouge (clay) |
| | | | | | | | | | | | | | | | | | | | | | |
| 218.2 | 231.2 | SKp | | | | | 5 | | | | | | <1 | | 0.3 | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | as above 152.1-215.6 |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs, rare vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP as rare patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 231.2 | 232.9 | SKrm | | | | | 1 | 4 | | | | | 10 | | 3 | <1 | | | | | **Mineralized Chlorite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | cnts gradational |
| | | | | | | | | | | | | | | | | | | | | | CP in patches, blebs, threads |
| | | | | | | | | | | | | | | | | | | | | | SL in loc patches |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 232.9 | 237.1 | SKp | | | | | 4 | | 1 | | | | <1 | | | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | S1 | 236.9 | 30 | | | | | | | | | | | | | | | | w/ yellow and brown garnets |
| | | | | | | | | | | | | | | | | | | | | | w/ 10% remnant limestone patches |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 237.1 | 278.5 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | S1 | 241.3 | 35 | | | | | | | | | | | | | | | | variably recrystallized |
| | | | S1 | 278.3 | 42 | | | | | | | | | | | | | | | | lighter grey sections are coarsely xtline |
| | | | | | | | | | | | | | | | | | | | | | med-dk grey patches are finely xtline |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | no mineralization |
| | | | | | | | | | | | | | | | | | | | | | local healed bxia zones |
| | | | | | | | | | | | | | | | | | | | | | 267.0: "mountain leather" in vn (asbestiform tremolite) |
| | | | | | | | | | | | | | | | | | | | | | |
| 278.5 | 279.2 | SKrm | | | | | 1 | 4 | | | | | tr | | 3 | 1 | | | | | **Mineralized Chlorite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | CP in patches and interstitial to garnet grains |

# Diamond Drill Log LD05-12

Date: Logged By: DJH Page 5/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **278.5-279.2 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 278.5: SL patch |
| | | | | | | | | | | | | | | | | | | | | | bronze coloured unknown sulphide mineral as blebs w/ CP (<0.3%) |
| | | | | | | | | | | | | | | | | | | | | | |
| 279.2 | 280.8 | SKp | | | | | 4 | 1 | tr | | | | <1 | | tr | | | | | | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 20% retrograde alt'n patches |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | 279.5-279.9: limestone bxia |
| | | | | | | | | | | | | | | | | | | | | | |
| 280.8 | 298.8 | LS | | | | | tr | | 5 | | | | tr | | | | | | | | **Limestone** |
| | | | S1 | 284.2 | 52 | | | | | | | | | | | | | | | | w/ loc bxia |
| | | | S1 | 295.7 | 64 | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | 280.8-:281.7: bxia |
| | | | | | | | | | | | | | | | | | | | | | 296.3-296.5: prograde skarn band w/ upper cnt @ 62 |
| | | | | | | | | | | | | | | | | | | | | | 298.6-298.8: prograde skarn band w/ tr retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | |
| 298.8 | 380.0 | SPbh | | | | 3 | | | | | | | tr | tr | tr | | | tr | | | **Incipient Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 302.3 | 53 | | | | | | | | | | | | | | | | incomplete biotite hornfelsing; loc metamorphic muscovite (ie wk phyllite) |
| | | | S1 | 306.6 | 60 | | | | | | | | | | | | | | | | grades loc to siliceous argillite |
| | | | S1 | 316.5 | 42 | | | | | | | | | | | | | | | | w/ wispy biotite and muscovite rich laminae |
| | | | S1 | 320.4 | 53 | | | | | | | | | | | | | | | | PO +/- CP blebs |
| | | | S1 | 326.7 | 63 | | | | | | | | | | | | | | | | PY as specks, on S1 surfaces, dissem in qtzo-feldspathic comp. laminae |
| | | | S1 | 331.3 | 50 | | | | | | | | | | | | | | | | AS as specks w/ PO blebs |
| | | | S1 | 337.8 | 41 | | | | | | | | | | | | | | | | locally carbonaceous |
| | | | S1 | 343.7 | 45 | | | | | | | | | | | | | | | | lower cnt broadly gradational |
| | | | S1 | 348.7 | 38 | | | | | | | | | | | | | | | | 312.0-312.3: broken and rubbly w/ fault gouge |
| | | | S1 | 352.9 | 38 | | | | | | | | | | | | | | | | 312.3-320.0: irreg white Qtz patches, vns |
| | | | S1 | 367.5 | 0 | | | | | | | | | | | | | | | | 314.3-314.5: broken and rubbly w/o gouge |
| | | | S1 | 371.7 | 30 | | | | | | | | | | | | | | | | 329.6-329.7: healed bxia w/ muscovite matrix |
| | | | S1 | 375.8 | 40 | | | | | | | | | | | | | | | | 333.1-333.3: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 337.0-337.4: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 335.9-336.4: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 346.0-346.3: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 355.4-355.8: black cherty argillite |
| | | | | | | | | | | | | | | | | | | | | | 355.8-356.0: 15% dissem. PY in qtzo-feld compositional laminae |

**Diamond Drill Log LD05-12**

Date: Logged By: DJH Page 6/6

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 380.0 | 428.8 | SA | | | | 1 | | | | | | | tr | | | | | | | | **Siliceous Argillite** |
| | | | S1 | 382.1 | 40 | | | | | | | | | | | | | | | | dark grey/black comp.laminae; wkly phyllitic |
| | | | S1 | 386.5 | 40 | | | | | | | | | | | | | | | | w/ 15% wispy biotite and metamorphic muscovite rich laminae |
| | | | S1 | 395.0 | 48 | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite and Siliceous Phyllite |
| | | | S1 | 409.4 | 28 | | | | | | | | | | | | | | | | PY in rare vns, <vnlts |
| | | | S1 | 417.1 | 45 | | | | | | | | | | | | | | | | 390.1-393.8: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 398.2-398.6: Monzonite Dyke w/ sharp, irreg cnts (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | 417.1-418.1: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 423.3-424.3: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 428.8 | 438.8 | Md | | | | | | | | 1 | | | tr | | | | | tr | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | lt grey, fine-med grained, non-porphyritic, non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | wk Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | PY in rare <vnlts |
| | | | | | | | | | | | | | | | | | | | | | AS+PY in 2 vnlts near lower cnt |
| | | | | | | | | | | | | | | | | | | | | | |
| 438.8 | 456.3 | SA | | | | | | | | | | | tr | | | | | | | | **Siliceous Argillite** |
| | | | S1 | 444.7 | 55 | | | | | | | | | | | | | | | | as above 380.0-428.8 |
| | | | S1 | 454.4 | 55 | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | 454.6-454.8: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 456.3m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-12

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 18.1 | no sample | | | | | | | | |
| 323291 | 18.1 | 19.4 | split core | | 1.3 | 100 | 0.033 | 0.8 | 18 | 810 | 23 |
| 323292 | 19.4 | 20.9 | split core | | 1.5 | 100 | 0.013 | 0.4 | 20 | 341 | 23 |
| | 20.9 | 50.5 | no sample | | | | | | | | |
| 323293 | 50.5 | 51.8 | split core | | 1.3 | 100 | 0.073 | 2.8 | 50 | 1875 | 45 |
| 323294 | 51.8 | 53.2 | split core | | 1.4 | 100 | 0.066 | 1.1 | 39 | 664 | 35 |
| 323295 | 53.2 | 54.7 | split core | | 1.5 | 100 | 0.021 | 0.3 | 6 | 301 | 36 |
| 323296 | 54.7 | 56.2 | split core | | 1.5 | 100 | 0.133 | 2.7 | 57 | 2270 | 62 |
| 323297 | 56.2 | 57.7 | split core | | 1.5 | 100 | 0.312 | 7.7 | 57 | 4330 | 110 |
| 323298 | 57.7 | 59.2 | split core | | 1.5 | 100 | 1.005 | 19.1 | 49 | 10600 | 161 |
| 323299 | 59.2 | 60.7 | split core | | 1.5 | 100 | 0.379 | 8.6 | 72 | 5810 | 71 |
| 323300 | | | Standard | | | | 0.978 | 3.0 | 14 | 11900 | 85 |
| 323301 | | | Blank | | | | 0.008 | 0.1 | 7 | 142 | 49 |
| 323302 | 60.7 | 62.2 | split core | | 1.5 | 100 | 0.670 | 5.6 | 2360 | 2800 | 78 |
| 323303 | 62.2 | 63.7 | split core | | 1.5 | 100 | 0.487 | 17.7 | 172 | 9760 | 197 |
| 323304 | 63.7 | 65.2 | split core | | 1.5 | 100 | 0.136 | 5.2 | 126 | 2860 | 52 |
| 323305 | 65.2 | 66.7 | split core | | 1.5 | 100 | 0.138 | 6.5 | 209 | 3460 | 78 |
| 323306 | 66.7 | 68.2 | split core | | 1.5 | 100 | 0.090 | 3.4 | 92 | 2660 | 56 |
| 323307 | 68.2 | 69.7 | split core | | 1.5 | 100 | 0.508 | 8.1 | 172 | 7130 | 72 |
| 323308 | 69.7 | 71.2 | split core | | 1.5 | 100 | 0.050 | 0.6 | 99 | 471 | 32 |
| 323309 | 71.2 | 72.7 | split core | | 1.5 | 100 | 0.040 | 1.2 | 48 | 1020 | 47 |
| 323310 | 72.7 | 74.2 | split core | | 1.5 | 100 | 0.013 | 0.2 | 94 | 215 | 35 |
| 323311 | 74.2 | 75.7 | split core | | 1.5 | 100 | 0.019 | 0.4 | 54 | 323 | 32 |
| 323312 | 75.7 | 77.2 | split core | | 1.5 | 100 | 0.012 | 0.3 | 68 | 551 | 25 |
| 323313 | 77.2 | 78.7 | split core | | 1.5 | 100 | 0.120 | 0.5 | 108 | 920 | 20 |
| 323314 | 78.7 | 80.2 | split core | | 1.5 | 100 | 0.058 | 0.7 | 70 | 1305 | 24 |
| 323315 | 80.2 | 81.7 | split core | | 1.5 | 100 | 0.080 | 0.6 | 127 | 879 | 19 |
| 323316 | 81.7 | 83.2 | split core | | 1.5 | 100 | 0.041 | 0.4 | 758 | 534 | 14 |
| 323317 | 83.2 | 84.7 | split core | | 1.5 | 100 | 0.083 | 0.7 | 655 | 602 | 16 |
| 323318 | 84.7 | 86.2 | split core | | 1.5 | 100 | 0.274 | 2.4 | 641 | 1185 | 35 |
| 323319 | 86.2 | 87.7 | split core | | 1.5 | 100 | 0.014 | 0.2 | 621 | 160 | 14 |
| 323320 | | | Standard | | | | 1.045 | 2.8 | 13 | 12200 | 89 |

# Assay Sample Log LD05-12

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323321 | | | Blank | | | | 0.009 | 0.2 | 7 | 144 | 50 |
| 323322 | 87.7 | 89.2 | split core | | 1.5 | 100 | 0.040 | 0.4 | 797 | 99 | 14 |
| 323323 | 89.2 | 90.7 | split core | | 1.5 | 100 | 0.013 | 0.2 | 665 | 68 | 13 |
| 323324 | 90.7 | 92.2 | split core | | 1.5 | 100 | 0.009 | 0.2 | 319 | 198 | 20 |
| 323325 | 92.2 | 93.7 | split core | | 1.5 | 100 | 0.009 | 0.1 | 401 | 108 | 20 |
| 323326 | 93.7 | 95.2 | split core | | 1.5 | 100 | 0.033 | 0.6 | 490 | 188 | 22 |
| 323327 | 95.2 | 96.7 | split core | | 1.5 | 100 | 0.100 | 1.0 | 518 | 477 | 22 |
| 323328 | 96.7 | 98.2 | split core | | 1.5 | 100 | 0.023 | 0.6 | 514 | 561 | 22 |
| 323329 | 98.2 | 99.7 | split core | | 1.5 | 100 | 0.031 | 0.2 | 639 | 96 | 20 |
| 323330 | 99.7 | 101.2 | split core | | 1.5 | 100 | 0.012 | 0.3 | 448 | 169 | 17 |
| 323331 | 101.2 | 102.7 | split core | | 1.5 | 100 | 0.018 | 0.5 | 393 | 252 | 14 |
| 323332 | 102.7 | 104.2 | split core | | 1.5 | 100 | 0.027 | 0.6 | 486 | 227 | 16 |
| 323333 | 104.2 | 105.7 | split core | | 1.5 | 100 | 0.006 | 0.5 | 499 | 213 | 12 |
| 323334 | 105.7 | 107.2 | split core | | 1.5 | 100 | 0.013 | 0.6 | 722 | 433 | 13 |
| 323335 | 107.2 | 108.7 | split core | | 1.5 | 100 | 0.031 | 0.5 | 573 | 388 | 15 |
| 323336 | 108.7 | 110.2 | split core | | 1.5 | 100 | 0.022 | 0.4 | 417 | 275 | 17 |
| 323337 | 110.2 | 111.7 | split core | | 1.5 | 100 | 0.030 | 0.3 | 569 | 112 | 15 |
| 323338 | 111.7 | 113.2 | split core | | 1.5 | 100 | 0.029 | 0.5 | 531 | 253 | 17 |
| 323339 | 113.2 | 114.7 | split core | | 1.5 | 100 | 0.034 | 0.8 | 762 | 431 | 15 |
| 323340 | | | Standard | | | | 0.943 | 2.9 | 17 | 12400 | 84 |
| 323341 | | | Blank | | | | 0.006 | 0.2 | 11 | 135 | 49 |
| 323342 | 114.7 | 116.2 | split core | | 1.5 | 100 | 0.189 | 4.0 | 552 | 1600 | 172 |
| 323343 | 116.2 | 117.7 | split core | | 1.5 | 100 | 0.372 | 12.2 | 316 | 6350 | 122 |
| 323344 | 117.7 | 119.2 | split core | | 1.5 | 100 | 3.600 | 81.9 | 621 | 34500 | 14100 |
| 323345 | 119.2 | 120.7 | split core | | 1.5 | 100 | 2.770 | 60.1 | 306 | 27000 | 2240 |
| 323346 | 120.7 | 121.6 | split core | | 0.9 | 100 | 0.739 | 21.6 | 266 | 9560 | 3050 |
| | 121.6 | 152.1 | No Sample | | | | | | | | |
| 323347 | 152.1 | 153.0 | split core | | 0.6 | 67 | 0.002 | 0.1 | 1165 | 26 | 110 |
| 323348 | 153.0 | 154.5 | split core | | 1.5 | 100 | 0.002 | 0.1 | 1330 | 79 | 16 |
| 323349 | 154.5 | 156.0 | split core | | 1.5 | 100 | 0.002 | 0.1 | 1045 | 12 | 15 |
| 323350 | 156.0 | 157.6 | split core | | 1.6 | 100 | 0.002 | 0.1 | 873 | 10 | 21 |
| 323351 | 157.6 | 159.1 | split core | | 1.5 | 100 | 0.002 | 0.1 | 872 | 7 | 21 |
| 323352 | 159.1 | 160.6 | split core | | 1.5 | 100 | 0.018 | 0.1 | 686 | 49 | 24 |

# Assay Sample Log LD05-12

Page: 3

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323353 | 160.6 | 163.7 | split core | | 1.9 | 61 | 0.007 | 0.1 | 1015 | 44 | 24 |
| 323354 | 163.7 | 166.7 | split core | | 1.9 | 63 | 0.012 | 0.1 | 980 | 115 | 28 |
| 323355 | 166.7 | 168.2 | split core | | 1.5 | 100 | 0.006 | 0.1 | 1055 | 9 | 23 |
| 323356 | 168.2 | 169.8 | split core | | 1.0 | 62 | 0.002 | 0.1 | 973 | 11 | 18 |
| 323357 | 169.8 | 172.8 | split core | | 0.7 | 23 | 0.218 | 0.1 | 871 | 14 | 32 |
| 323358 | 172.8 | 174.3 | split core | | 1.3 | 87 | 0.007 | 0.1 | 1170 | 17 | 13 |
| 323359 | 174.3 | 175.8 | split core | | 1.5 | 100 | 0.002 | 0.1 | 772 | 10 | 13 |
| 323360 | | | Standard | | | | 0.947 | 2.8 | 12 | 11900 | 80 |
| 323361 | | | Blank | | | | 0.009 | 0.1 | 3 | 122 | 48 |
| 323362 | 175.8 | 177.3 | split core | | 1.3 | 87 | 0.005 | 0.2 | 630 | 15 | 10 |
| 323363 | 177.3 | 178.8 | split core | | 1.1 | 73 | 0.021 | 0.1 | 682 | 13 | 20 |
| 323364 | 178.8 | 180.3 | split core | | 1.2 | 80 | 0.002 | 0.1 | 808 | 13 | 13 |
| 323365 | 180.3 | 181.8 | split core | | 1.5 | 100 | 0.002 | 0.1 | 575 | 13 | 24 |
| 323366 | 181.8 | 183.3 | split core | | 1.5 | 100 | 0.007 | 0.1 | 593 | 14 | 23 |
| 323367 | 183.3 | 184.8 | split core | | 1.5 | 100 | 0.002 | 0.1 | 525 | 18 | 15 |
| 323368 | 184.8 | 186.3 | split core | | 1.5 | 100 | 0.005 | 0.1 | 765 | 19 | 21 |
| 323369 | 186.3 | 187.8 | split core | | 1.5 | 100 | 0.350 | 4.9 | 778 | 2070 | 156 |
| 323370 | 187.8 | 189.3 | split core | | 1.5 | 100 | 0.006 | 0.1 | 862 | 24 | 33 |
| 323371 | 189.3 | 190.8 | split core | | 1.5 | 100 | 0.007 | 0.2 | 837 | 57 | 20 |
| 323372 | 190.8 | 192.3 | split core | | 1.5 | 100 | 0.012 | 0.2 | 1140 | 13 | 16 |
| 323373 | 192.3 | 193.8 | split core | | 1.5 | 100 | 0.013 | 0.2 | 1640 | 23 | 14 |
| 323374 | 193.8 | 195.3 | split core | | 1.5 | 100 | 0.002 | 0.2 | 1195 | 24 | 11 |
| 323375 | 195.3 | 196.8 | split core | | 1.5 | 100 | 0.008 | 0.4 | 1265 | 106 | 19 |
| 323376 | 196.8 | 197.3 | split core | | 1.5 | 300 | 0.006 | 0.1 | 1350 | 76 | 16 |
| 323377 | 197.3 | 199.8 | split core | | 1.5 | 60 | 0.028 | 0.8 | 1015 | 308 | 19 |
| 323378 | 199.8 | 201.3 | split core | | 1.5 | 100 | 0.002 | 0.1 | 685 | 24 | 16 |
| 323379 | 201.3 | 202.8 | split core | | 1.5 | 100 | 0.002 | 0.1 | 665 | 19 | 20 |
| 323380 | | | Standard | | | | 0.954 | 2.9 | 17 | 11900 | 87 |
| 323381 | | | Blank | | | | 0.005 | 0.1 | 9 | 128 | 44 |
| 323382 | 202.8 | 204.3 | split core | | 1.5 | 100 | 0.002 | 0.1 | 663 | 17 | 17 |
| 323383 | 204.3 | 205.8 | split core | | 1.5 | 100 | 0.002 | 0.1 | 910 | 16 | 14 |
| 323384 | 205.8 | 207.3 | split core | | 1.5 | 100 | 0.212 | 5.3 | 1090 | 2340 | 45 |
| 323385 | 207.3 | 208.8 | split core | | 1.5 | 100 | 0.082 | 2.0 | 1370 | 885 | 27 |

# Assay Sample Log LD05-12

Page: 4

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323386 | 208.8 | 210.3 | split core | | 1.5 | 100 | 0.002 | 0.1 | 544 | 47 | 15 |
| 323387 | 210.3 | 211.8 | split core | | 1.5 | 100 | 0.040 | 1.1 | 414 | 482 | 32 |
| 323388 | 211.8 | 213.3 | split core | | 1.5 | 100 | 0.002 | 0.1 | 1060 | 14 | 13 |
| 323389 | 213.3 | 214.4 | split core | | 1.1 | 100 | 0.002 | 0.1 | 1265 | 17 | 13 |
| 323390 | 214.4 | 215.6 | split core | | 0.9 | 75 | 0.008 | 0.1 | 290 | 19 | 25 |
| 323391 | 215.6 | 218.2 | split core | | 1.4 | 54 | 0.044 | 0.6 | 3030 | 68 | 73 |
| 323392 | 218.2 | 219.7 | split core | | 1.5 | 100 | 0.005 | 0.2 | 519 | 16 | 13 |
| 323393 | 219.7 | 221.2 | split core | | 1.5 | 100 | 0.002 | 0.2 | 1165 | 57 | 6 |
| 323394 | 221.2 | 222.7 | split core | | 1.5 | 100 | 0.002 | 0.1 | 1710 | 17 | 8 |
| 323395 | 222.7 | 224.2 | split core | | 1.5 | 100 | 0.002 | 0.1 | 1595 | 15 | 11 |
| 323396 | 224.2 | 225.7 | split core | | 1.5 | 100 | 0.012 | 0.2 | 1240 | 17 | 13 |
| 323397 | 225.7 | 227.2 | split core | | 1.5 | 100 | 0.002 | 0.3 | 1325 | 17 | 10 |
| 323398 | 227.2 | 228.7 | split core | | 1.5 | 100 | 0.007 | 0.3 | 1590 | 62 | 14 |
| 323399 | 228.7 | 230.2 | split core | | 1.5 | 100 | 0.039 | 1.2 | 652 | 457 | 26 |
| 323400 | | | Standard | | | | 1.015 | 2.9 | 18 | 11800 | 80 |
| 323401 | | | Blank | | | | 0.007 | 0.2 | 9 | 145 | 47 |
| 323402 | 230.2 | 231.2 | split core | | 1.0 | 100 | 0.397 | 12.0 | 437 | 4730 | 136 |
| 323403 | 231.2 | 232.9 | split core | | 1.7 | 100 | 1.115 | 48.5 | 166 | 12400 | 2320 |
| 323404 | 232.9 | 234.4 | split core | | 1.5 | 100 | 0.042 | 0.7 | 55 | 172 | 47 |
| 323405 | 234.4 | 235.9 | split core | | 1.5 | 100 | 0.161 | 1.7 | 27 | 430 | 96 |
| 323406 | 235.9 | 237.1 | split core | | 1.1 | 92 | 0.188 | 1.5 | 57 | 334 | 284 |
| | 237.1 | 278.5 | No Sample | | | | | | | | |
| 323407 | 278.5 | 279.5 | split core | | 1.0 | 100 | 1.190 | 38.6 | 736 | 18600 | 3790 |
| 323408 | 279.5 | 280.8 | split core | | 1.3 | 100 | 0.048 | 2.8 | 1250 | 1010 | 66 |
| | 280.8 | 456.3 | No Sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ | 456.3m | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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# RQD Log  LD05-12

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| | | | 148.4 | | |
| 17.4 | | | 151.5 | 156 | 50 |
| 20.4 | 153 | 51 | 152.1 | 13 | 22 |
| 23.5 | 104 | 34 | 154.5 | 139 | 58 |
| 26.5 | 119 | 40 | 157.6 | 256 | 83 |
| 29.6 | 188 | 61 | 160.6 | 268 | 89 |
| 32.6 | 186 | 62 | 163.7 | 147 | 47 |
| 35.7 | 156 | 50 | 166.7 | 125 | 42 |
| 38.7 | 185 | 62 | 169.8 | 183 | 59 |
| 41.8 | 111 | 36 | 172.8 | 36 | 12 |
| 44.8 | 122 | 41 | 175.9 | 184 | 59 |
| 47.9 | 176 | 57 | 178.9 | 56 | 19 |
| 50.9 | 212 | 71 | 182.0 | 193 | 62 |
| 53.9 | 288 | 96 | 185.0 | 262 | 87 |
| 57.0 | 267 | 86 | 188.1 | 228 | 74 |
| 60.0 | 296 | 99 | 191.1 | 224 | 75 |
| 63.1 | 165 | 53 | 194.1 | 184 | 61 |
| 66.1 | 238 | 79 | 197.2 | 178 | 57 |
| 69.2 | 212 | 68 | 200.2 | 245 | 82 |
| 72.2 | 228 | 76 | 203.3 | 200 | 65 |
| 75.3 | 214 | 69 | 206.3 | 247 | 82 |
| 78.3 | 254 | 85 | 209.4 | 245 | 79 |
| 81.4 | 183 | 59 | 212.4 | 264 | 88 |
| 84.4 | 265 | 88 | 215.5 | 214 | 69 |
| 87.5 | 240 | 77 | 217.3 | 43 | 24 |
| 90.5 | 156 | 52 | 218.5 | 80 | 67 |
| 93.6 | 239 | 77 | 221.6 | 213 | 69 |
| 96.6 | 244 | 81 | 224.6 | 214 | 71 |
| 99.7 | 261 | 84 | 227.7 | 166 | 54 |
| 102.7 | 198 | 66 | 230.7 | 231 | 77 |
| 105.8 | 147 | 47 | 233.8 | 241 | 78 |
| 108.8 | 132 | 44 | 236.8 | 277 | 92 |
| 111.9 | 221 | 71 | 239.9 | 212 | 68 |
| 114.9 | 200 | 67 | 242.9 | 281 | 94 |
| 118.0 | 186 | 60 | 246.0 | 182 | 59 |
| 121.0 | 243 | 81 | 249.0 | 257 | 86 |
| 124.0 | 260 | 87 | 252.1 | 266 | 86 |
| 127.1 | 248 | 80 | 255.1 | 251 | 84 |
| 130.1 | 259 | 86 | 258.2 | 280 | 90 |
| 133.2 | 252 | 81 | 261.2 | 243 | 81 |
| 136.2 | 288 | 96 | 264.2 | 300 | 100 |
| 139.3 | 239 | 77 | 267.3 | 249 | 80 |
| 142.3 | 268 | 89 | 270.3 | 258 | 86 |
| 145.4 | 149 | 48 | 273.4 | 195 | 63 |
| 148.4 | 113 | 38 | 276.4 | 98 | 33 |

# RQD Log LD05-12

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 276.4 | | | 410.5 | | |
| 279.5 | 228 | 74 | 413.6 | 236 | 76 |
| 282.5 | 281 | 94 | 416.6 | 224 | 75 |
| 285.6 | 276 | 89 | 419.7 | 80 | 26 |
| 288.6 | 245 | 82 | 422.7 | 145 | 48 |
| 291.7 | 235 | 76 | 425.8 | 95 | 31 |
| 294.7 | 232 | 77 | 428.8 | 217 | 72 |
| 297.8 | 235 | 76 | 431.9 | 276 | 89 |
| 300.8 | 141 | 47 | 434.9 | 118 | 39 |
| 303.9 | 78 | 25 | 438.0 | 211 | 68 |
| 306.9 | 196 | 65 | 441.0 | 248 | 83 |
| 310.0 | 90 | 29 | 444.1 | 266 | 86 |
| 313.0 | 170 | 57 | 447.1 | 244 | 81 |
| 316.1 | 208 | 67 | 450.2 | 263 | 85 |
| 319.1 | 180 | 60 | 453.2 | 280 | 93 |
| 322.2 | 240 | 77 | 456.3 | 204 | 66 |
| 325.2 | 243 | 81 | | | |
| 328.3 | 249 | 80 | EOH @ 456.3m | | |
| 331.3 | 167 | 56 | | | |
| 334.3 | 121 | 40 | | | |
| 337.4 | 81 | 26 | | | |
| 340.4 | 163 | 54 | | | |
| 343.5 | 125 | 40 | | | |
| 346.5 | 121 | 40 | | | |
| 349.6 | 98 | 32 | | | |
| 352.6 | 245 | 82 | | | |
| 355.7 | 109 | 35 | | | |
| 358.7 | 202 | 67 | | | |
| 361.8 | 185 | 60 | | | |
| 364.8 | 186 | 62 | | | |
| 367.9 | 138 | 45 | | | |
| 370.9 | 243 | 81 | | | |
| 374.0 | 189 | 61 | | | |
| 377.0 | 217 | 72 | | | |
| 380.1 | 108 | 35 | | | |
| 383.1 | 226 | 75 | | | |
| 386.2 | 203 | 65 | | | |
| 389.2 | 252 | 84 | | | |
| 392.3 | 80 | 26 | | | |
| 395.3 | 221 | 74 | | | |
| 398.4 | 145 | 47 | | | |
| 401.4 | 259 | 86 | | | |
| 404.4 | 250 | 83 | | | |
| 407.5 | 261 | 84 | | | |
| 410.5 | 266 | 89 | | | |

# Survey Log  LD05-13

**UTM Northing:** 6161775.9
**UTM Easting:** 346830.7
**Elevation:** 1377.6
**Length:** 566.0

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 55.0 | | -65.00 | |
| 257 | 78.3 | 35.4 | 57.4 | | -65.80 | 5822 |
| 457 | 139.3 | 40.3 | 58.3 | | -65.40 | 5736 |
| 657 | 200.2 | 37.3 | 59.3 | | -65.30 | 5845 |
| 857 | 261.2 | 38 | 59.5 | | -64.30 | 5833 |
| 1057 | 322.2 | 37.7 | 59.7 | | -64.10 | 5743 |
| 1257 | 383.1 | 40.1 | 62.1 | | -63.90 | 5859 |
| 1457 | 444.1 | 45.4 | 67.4 | | -63.70 | 5845 |
| 1657 | 505.0 | 47.2 | 69.2 | | -64.00 | 5797 |
| 1857 | 566.0 | 47.1 | 69.1 | | -64.00 | 5807 |
| | | | | | | |
| | | | | | | |

# Diamond Drill Log LD05-13

Date: Logged By: DJH Page 1/11

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 4.4 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | cored boulders 4.3-4.4m |
| | | | | | | | | | | | | | | | | | | | | | |
| 4.4 | 5.5 | SKp | | | | tr | 5 | | | | | | 5 | | | | | | | | **Ca-Garnet+Epidote+Quartz Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | relict laminae visible |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 5.5 | 7.0 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 6.0 | 48 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 7.0 | 7.8 | SKp | | | | | 4 | 1 | | | | | 5 | | | | | | | <1 | **Ca-Garnet+Epidote+Calcite+Quartz Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | no relict laminations |
| | | | | | | | | | | | | | | | | | | | | | w/ loc patches of retrograde (dk green/blk chlorite) |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | MG as small patches |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 7.8 | 13.7 | Md | | | | | 1 | tr | | | | | 3 | | | | | | | tr | **Monzonite Dyke w/ loc Endoskarn** |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained |
| | | | | | | | | | | | | | | | | | | | | | w/ loc patches/bands of garnet+epidote prograde endoskarn |
| | | | | | | | | | | | | | | | | | | | | | minor chl+magnetite retrograde alt'n patches |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | 8.3-8.9: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 11.6-12.1: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 13.7 | 14.6 | SKp | | | | | 5 | tr | | | | | 5 | | | | | | | | **Ca-Garnet+Quartz Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | endoskarn? |
| | | | | | | | | | | | | | | | | | | | | | |
| 14.6 | 41.0 | Md | | | | | | | | <1 | | | 1 | | | | | | | | **Monzonite Dyke - part of Glover Stock** |
| | | | FLT | 19.2 | 20 | | | | | | | | | | | | | | | | 3% biotite; non-porphyritic; non-magnetic |
| | | | FLT | 27.4 | 21 | | | | | | | | | | | | | | | | wk ser. alt'n of feldspar |
| | | | FLT | 29.8 | 66 | | | | | | | | | | | | | | | | PY in vnlts |

**Diamond Drill Log** **LD05-13**

Date: Logged By: DJH Page 2/11

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **14.6-41.0 cont'd** |
| | | | FLT | 35.1 | 26 | | | | | | | | | | | | | | | | lt-med grey; med grained |
| | | | FLT | 38.2 | 16 | | | | | | | | | | | | | | | | 19.2-19.3: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 23.0: minor fault gouge and rubble |
| | | | | | | | | | | | | | | | | | | | | | 25.4-25.6: broken core |
| | | | | | | | | | | | | | | | | | | | | | 27.4: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 29.8: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 35.1: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 35.9-36.2: broken core w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 38.2: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 41.0 | 57.0 | Mpd | | | | | | | | | | | <1 | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | FLT | 52.8 | 12 | | | | | | | | | | | | | | | | as above 14.6-41.0 but w/ 5% euhedral, feldspar phenos to 5X10mm |
| | | | | | | | | | | | | | | | | | | | | | med-coarse grained |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts |
| | | | | | | | | | | | | | | | | | | | | | phenos as zoned loc |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 52.4-52.8: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 57.0 | 94.9 | Md | | | | | | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | as above 14.6-41.0 w/ occasional feldspar phenos |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | plag altered to lt green/grey saussurite proximal to PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | 67.0-94.6: fine grained phase w/ gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | grades loc to dark grey, magnetic diorite |
| | | | | | | | | | | | | | | | | | | | | | tr MO observed in PY+Qtz vnlts |
| | | | | | | | | | | | | | | | | | | | | | minor secondary biotite proximal to PY+Qtz+trMO vn |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 94.9 | 98.4 | Dd | | | | | | | | | | | <1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | med-dk grey/green, med grained, non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-13

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 98.4 | 104.4 | Mpd | | | | | | | | 1 | 1 | | | | | | | | | | **Porphyritic Monzonite Dyke** |
| | | | FB | 99.2 | 25 | | | | | | | | | | | | | | | | Ser alt'n of feldspars |
| | | | FLT | 98.7 | 32 | | | | | | | | | | | | | | | | Chl alt'n of 3-5% mafics (biotite+hornblende) |
| | | | | | | | | | | | | | | | | | | | | | as above 41.0-57.0 |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 98.7: minor fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 104.4 | 108.0 | Dd | | | | | | | | | 1 | | 1 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | variably magnetic ( generally wk) |
| | | | | | | | | | | | | | | | | | | | | | wk saussurite alt'n of plag; wk selective Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 106.3-107.0: broken core (no rubble or gouge) |
| | | | | | | | | | | | | | | | | | | | | | |
| 108.0 | 115.2 | Md | | | | | | | | 1 | | | <1 | | | | | | | | **Monzonite Dyke** |
| | | | FLT | 114.2 | 45 | | | | | | | | | | | | | | | | lt grey/green; fine-med grained; non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | 114.2: fault gouge and slickensides on both sides of Qtz vn |
| | | | | | | | | | | | | | | | | | | | | | wk selective Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | PY in <vntls, blebs |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 115.0: broken and rubbly |
| | | | | | | | | | | | | | | | | | | | | | 114.5-114.9: incipient bxia |
| | | | | | | | | | | | | | | | | | | | | | |
| 115.2 | 116.2 | Mam | | | | | | | | 2 | | 2 | 15 | | 0.5 | | | | | | **Mineralized and Altered Monzonite(?)** |
| | | | | | | | | | | | | | | | | | | | | | PY as large patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs w/ PY |
| | | | | | | | | | | | | | | | | | | | | | Ser alt'n of feldspar(?) |
| | | | | | | | | | | | | | | | | | | | | | silica flooding loc. |
| | | | | | | | | | | | | | | | | | | | | | lower cnt wkly gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 116.2 | 128.6 | Md | | | | | | | | tr | tr | | <1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained; non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | wk selective Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | wk selective Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | wk saussurite alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | tr Epidote alt'n |

# Diamond Drill Log LD05-13

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **116.2-128.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 128.6 | 159.5 | Dd | | | | | | | | | | | 2 | | | | | | | | **Diorite Dyke** |
| | | | FLT | 145.8 | 28 | | | | | | | | | | | | | | | | (more mafic phase of Glover Stock) |
| | | | FLT | 146.7 | 58 | | | | | | | | | | | | | | | | dk grey/green; magnetic |
| | | | FLT | 147.9 | 50 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, dissems |
| | | | | | | | | | | | | | | | | | | | | | tr MO in Qtz vn w/PY |
| | | | | | | | | | | | | | | | | | | | | | 134.9-135.0: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 141.6-141.7: fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 145.8: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 146.7: 10mm fault gouge parallel to Qtz+PY+SL vn |
| | | | | | | | | | | | | | | | | | | | | | 147.9: 50mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | Qtz in vns, vnlts +/-PY |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational over 10cms |
| | | | | | | | | | | | | | | | | | | | | | |
| 159.5 | 163.1 | Mpd | | | | | | | | 1 | | | tr | | | | | | | | **Megacrystic Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | w/ 3% zoned feldspar phenos to 12X6mm |
| | | | | | | | | | | | | | | | | | | | | | **med grained** |
| | | | | | | | | | | | | | | | | | | | | | **PY as dissems** |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar w/o chilled margin |
| | | | | | | | | | | | | | | | | | | | | | monzonite is less maegacrystic near diorite contact (ie monzonite later than diorite?) |
| | | | | | | | | | | | | | | | | | | | | | |
| 163.1 | 172.5 | Dd | | | | | | | | | tr | | 2 | | | | | | | | **Diorite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | as above 128.6-159.5 |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained; wkly magnetic |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts +/-carbonate |
| | | | | | | | | | | | | | | | | | | | | | Chl alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | saussurite alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | |
| 172.5 | 174.6 | Mam | | | | | | | | 1 | | 4 | 10 | | 0.5 | | | | | 2 | **Mineralized and Altered Monzonite(?)** |
| | | | | | | | | | | | | | | | | | | | | | Qtz+epidote altered dyke |
| | | | | | | | | | | | | | | | | | | | | | Magnetite as xtl. agglomerations |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs |

# Diamond Drill Log LD05-13

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **172.5-174.6 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | Qtz as patches |
| | | | | | | | | | | | | | | | | | | | | | selective Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational over 10cms (ie assimilated) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational over 5cms (ie assimilated) |
| | | | | | | | | | | | | | | | | | | | | | |
| 174.6 | 234.4 | SPbh | | | | 5 | | | | | | | <1 | | tr | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 179.0 | 40 | | | | | | | | | | | | | | | | v. siliceous w/ 15% biotite rich, slightly contorted laminae |
| | | | S1 | 185.9 | 45 | | | | | | | | | | | | | | | | grades loc to phyllitic quartzite |
| | | | S1 | 191.1 | 45 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, blebs |
| | | | S1 | 199.6 | 40 | | | | | | | | | | | | | | | | CP in PY patch at 174.9 and in <vnlts |
| | | | S1 | 204.5 | 57 | | | | | | | | | | | | | | | | tr MO in <vnlts w/ PY |
| | | | S1 | 209.8 | 55 | | | | | | | | | | | | | | | | 180.5: 50mm rubble and fault gouge |
| | | | S1 | 217.4 | 55 | | | | | | | | | | | | | | | | 185.9-186.8: Qtz+Ser phyllite |
| | | | S1 | 221.5 | 55 | | | | | | | | | | | | | | | | 201.7-204.8: vns, vnlts w/ MO+Qtz+PY+/-SL |
| | | | S1 | 227.7 | 45 | | | | | | | | | | | | | | | | 203.6-203.8: broken and rubbly w/ fault gouge |
| | | | S1 | 232.7 | 50 | | | | | | | | | | | | | | | | 214.8-217.8: MO+Qtz+PY in vnlts; CP in vnlt |
| | | | | | | | | | | | | | | | | | | | | | 214.9-215.2: pale grey, felsite dyke w/ assimilated cnts |
| | | | | | | | | | | | | | | | | | | | | | 221.1-221.3: Qtz+Muscovite phyllite w/ gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | 219.4: SL in vnlt w/ PY |
| | | | | | | | | | | | | | | | | | | | | | 220.7: MO in vnlts w/ Qtz+PY |
| | | | | | | | | | | | | | | | | | | | | | 218.5: 50mm broken and rubbly w/ slickensides and minor fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 233.9-234.2: patches of dk green/blk Chlorite retrograde alt'n w/ 5% PY as patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 234.4 | 235.2 | SKrm | | | | | 1 | 4 | | | | | 15 | | | | | | | tr | **Mineralized Chlorite+Tremolite/Actinolite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ minor Ca-garnet+epidote+calcite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | MG as loc small blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 235.2 | 270.5 | SPbh | | | | 5 | | | | tr | | | <1 | | tr | tr | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 239.8 | 72 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 245.4 | 50 | | | | | | | | | | | | | | | | as above 176.4-234.4 |
| | | | FLT | 247.5 | 60 | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, blebs |
| | | | S1 | 250.2 | 35 | | | | | | | | | | | | | | | | CP in vnlt w/ PY+Qtz |
| | | | S1 | 252.8 | 33 | | | | | | | | | | | | | | | | 240.3-240.5: 10% Chl+carbonate patches (bright green chlorite) |
| | | | S1 | 257.5 | 36 | | | | | | | | | | | | | | | | 246.9-248.3: Sericite Altered Siliceous Phyllite w/ gradational cnts |

## Diamond Drill Log LD05-13

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | S1 | 264.1 | 68 | | | | | | | | | | | | | | | | **235.2-270.5 cont'd** |
| | | | FLT | 268.4 | 60 | | | | | | | | | | | | | | | | 246.9-248.3: tr SL in <vnlt |
| | | | | | | | | | | | | | | | | | | | | | 247.5: 50mm rubble and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 252.1-252.3: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 258.3-259.7: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 268.4: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 270.5 | 277.9 | SKp | | | | | 4 | 1 | | | | | 1 | | 0.1 | | | | | 1 | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc bands/patches retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | w/ minor structurally controlled retrograde alt'n selvages on Qtz+PY vns |
| | | | | | | | | | | | | | | | | | | | | | PY as patches in retrograde, vnlts w/Qtz |
| | | | | | | | | | | | | | | | | | | | | | MG as small xtline patches (needle like xtls) |
| | | | | | | | | | | | | | | | | | | | | | 271.8-272.0: retrograde alt'n w/ dk green/blk Chl+MG+CP; lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar @ 50 deg. |
| | | | | | | | | | | | | | | | | | | | | | |
| 277.9 | 279.5 | SKpm | | | | | 4 | 1 | | | | | 10 | | 5 | | | | | 2 | **Mineralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | CP as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | PY as patches/blebs |
| | | | | | | | | | | | | | | | | | | | | | MG as xtline patches w/ needle shaped xtls to 10mm |
| | | | | | | | | | | | | | | | | | | | | | wk loc retrograde alt'n w/ dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | |
| 279.5 | 281.0 | SKp | | | | | 4 | 1 | | | | | 1 | | 0.1 | | | | | 0.5 | Ca-Garnet+Calcite Prograde Skarn |
| | | | | | | | | | | | | | | | | | | | | | gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | wl loc retrograde alt'n w/ dark green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | PY as patches/blebs |
| | | | | | | | | | | | | | | | | | | | | | CP as specks |
| | | | | | | | | | | | | | | | | | | | | | MG as blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 281.0 | 281.8 | SKr | | | | | 1 | 4 | | | | | 5 | | | | | | | | **Chlorite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | dk green/blk chlorite alt'n of garnet |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems, minor patches |
| | | | | | | | | | | | | | | | | | | | | | <20% prograde skarn remnants |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-13

Date: Logged By: DJH Page 7/11

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 281.8 | 289.0 | Md | | | | | | | | 1 | 1 | | tr | | tr | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | wkly porphyritic w/ 1% feldspar phenos to 8X10mm |
| | | | | | | | | | | | | | | | | | | | | | lt grey w/ 25% subhedral to anhedral feldspars to 4mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP in <vnlts, vnlts w/PY, dissem. |
| | | | | | | | | | | | | | | | | | | | | | wk selective Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | 281.8-282.0: broken and rubbly w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 281.8-284.8: 0.3% CP |
| | | | | | | | | | | | | | | | | | | | | | 284.8-287.8: 0.2% CP |
| | | | | | | | | | | | | | | | | | | | | | 287.8-290.8: 0.2% CP |
| | | | | | | | | | | | | | | | | | | | | | |
| 289.0 | 322.5 | Md* | | | | | | | | tr | | | <1 | | tr | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | calcic feldspar altered to green saussurite |
| | | | | | | | | | | | | | | | | | | | | | variably magnetic |
| | | | | | | | | | | | | | | | | | | | | | gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP in loc stringers w/ PY |
| | | | | | | | | | | | | | | | | | | | | | 2% PY+hematite blebs loc |
| | | | | | | | | | | | | | | | | | | | | | 299.2: 50mm broken and rubble w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 306.9-309.9: 1X CP+PY stringer |
| | | | | | | | | | | | | | | | | | | | | | 304.0-307.0: porphyritic w/ 3% saussuritized feldspar to 8X10mm and 2% |
| | | | | | | | | | | | | | | | | | | | | | hematite+PY blebs (very distinctive rock) |
| | | | | | | | | | | | | | | | | | | | | | 313.5-?: as above 304.0-307.0 (end of interval not logged!!) |
| | | | | | | | | | | | | | | | | | | | | | |
| 322.5 | 329.9 | Md | | | | | | | | tr | | | tr | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | typical lt grey monzonite |
| | | | | | | | | | | | | | | | | | | | | | v. wk selective Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | 1% feldspar megacrysts to 8X10mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt chilled, irregular (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 329.9 | 330.8 | SKr | | | | | | 5 | | | | | 10 | | | | | | | | **Weakly Mineralized Chlorite+Calcite+Epidote Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | Chlorite is dark green (not black) |
| | | | | | | | | | | | | | | | | | | | | | no magnetite |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-13

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 330.8 | 343.1 | SKp | | | | | 4 | tr | | | | | 1 | | | | | | | | **Ca-Garnet+Calcite+Epidote Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc patches of remnant pale grey/green, fine grained, calcareous rx |
| | | | | | | | | | | | | | | | | | | | | | (what is this protolith?) |
| | | | | | | | | | | | | | | | | | | | | | grades loc to dk green/blk chlorite retrograde skarn as bands, patches |
| | | | | | | | | | | | | | | | | | | | | | PY in retrograde bands/patches |
| | | | | | | | | | | | | | | | | | | | | | specular hematite as xtl aggregates of thin plates |
| | | | | | | | | | | | | | | | | | | | | | 334.7-334.9: retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 337.4-337.7: retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 341.7-341.8: retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 342.2-342.3: retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 343.1 | 344.3 | Md | | | | | tr | | | | | | tr | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | w/ rare bands of prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | loc patches of epidote (alt'n?) |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 344.3 | 345.5 | Md-SKp | | | | | 2 | tr | | | | | 1 | | | | | | | | **Mixed Interval w/ Prograde Endoskarn and Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | Ca-Garnet+Epidote+Calcite prograde skarn bands |
| | | | | | | | | | | | | | | | | | | | | | PY as coarse xtline patches |
| | | | | | | | | | | | | | | | | | | | | | loc retrograde alt'n patches w/ dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | |
| 345.5 | 346.8 | Mpd | | | | | | | | | | | <1 | | | | | | | | **Megacrystic Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | w/ 1% feldspar phenos to 8X10mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 346.8 | 349.1 | SKp | | | | | 4 | 1 | | | | | 2 | | | | | | | | **Ca-Garnet+Epidote+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ <20% patches of retrograde alt'n w/ dk green/blk chlorite |
| | | | | | | | | | | | | | | | | | | | | | specular hematite as coarse xtline plates |
| | | | | | | | | | | | | | | | | | | | | | PY as coarse xtline patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 349.1 | 361.4 | Mpd | | | | | tr | tr | | | | | tr | | | | | | | | **Megacrystic Monzonite Dyke** |
| | | | CN | 349.1 | 68 | | | | | | | | | | | | | | | | w/ 1% feldspar phenos to 8X10mm |
| | | | | | | | | | | | | | | | | | | | | | w/ 25% white, anhedral to euhedral plag phenos to 6X2mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |

# Diamond Drill Log LD05-13

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **349.1-361.4 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | ( note: near upper cnt there are a few relict feldspar phenos in skarn) |
| | | | | | | | | | | | | | | | | | | | | | |
| 361.4 | 363.7 | SKr | | | | | 1 | 4 | | | | | 2 | | | | | | | | **Tremolite/Actinolite+Calcite+Epidote+Chlorite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | endoskarn? |
| | | | | | | | | | | | | | | | | | | | | | w/ remnant patches/bands of prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | 362.1-362.2: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 362.8-363.4: prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 363.7 | 372.1 | Md | | | | | | | | tr | | | <1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | v. wkly megacrystic w/ <1% feldspar phenos to 8X10mm |
| | | | | | | | | | | | | | | | | | | | | | loc wk saussurite alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | wk loc Epidote alt'n proximal to PY vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt wkly gradational w/ small patches of Garnet+Epidote in last 0.2m |
| | | | | | | | | | | | | | | | | | | | | | |
| 372.1 | 379.1 | SKp | | | | | 4 | tr | | | | | 1 | | 0.5 | | | | | | **Weakly MIneralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ minor patches lt grey/green, calcareous rx (retrograde alt'n or strange prograde rx) |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | CP as dissems |
| | | | | | | | | | | | | | | | | | | | | | specular hematite as xtline plates (<1%) |
| | | | | | | | | | | | | | | | | | | | | | tr dk green/blk chlorite retorgrade alt'n |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 379.1 | 382.4 | SKr? | | | | | 1 | 4? | | | | | 1 | | 0.5 | | | | | | **Weakly MIneralized Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | pale grey/green, wkly calcareous rx (see LD02-09 386.3m) |
| | | | | | | | | | | | | | | | | | | | | | w/ 20% Ca-Garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs, dissems |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | (retrograde alt'n or uncommon prograde assemblage) |
| | | | | | | | | | | | | | | | | | | | | | |
| 382.4 | 382.8 | SPbhm | | | | 4 | | tr | | | tr | | 2 | 3 | 1 | | | | | | **Weakly Mineralized Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches w/ dr green/blk chlorite (retrograde alt'n), <vnlts, |
| | | | | | | | | | | | | | | | | | | | | | CP in <vnlts |

# Diamond Drill Log LD05-13

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **382.4-382.8 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | PO in laminae parallel to S1, also fine graine patches |
| | | | | | | | | | | | | | | | | | | | | | loc chlorite alt'n of biotite |
| | | | | | | | | | | | | | | | | | | | | | |
| 382.8 | 388.4 | SKrm | | | | | 1 | 4 | | | | | 3 | | 2 | | | | | 20 | **Mineralized Actinolite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | mafic tuff protolith? |
| | | | | | | | | | | | | | | | | | | | | | CP as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | w/ loc patches prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY in patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 385.9-388.2: 60% MG+ 20% Qtz+3% PY+ 2% CP+5% remnant patches SKp |
| | | | | | | | | | | | | | | | | | | | | | |
| 388.4 | 398.4 | CP | | | | | 1 | tr | | | | | <1 | <1 | 0.3 | | | | | | **Calcareous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc prograde skarn bands/patches (ie incipient skarn) w/ loc. retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | vari-coloured w/ loc distinctive mauve coloration |
| | | | | | | | | | | | | | | | | | | | | | w/ loc dk grey, carbonaceous laminae |
| | | | | | | | | | | | | | | | | | | | | | wkly mineralized |
| | | | | | | | | | | | | | | | | | | | | | (ie transition zone from Siliceous Phyllite to Limestone) |
| | | | | | | | | | | | | | | | | | | | | | CP in vnlts w/ garnet, in <vnlts, and as blebs in skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs, patches in skarn |
| | | | | | | | | | | | | | | | | | | | | | PO in vnlts |
| | | | | | | | | | | | | | | | | | | | | | 389.7-391.3: patches of prograde skarn w/ wk retrograde borders in a massive |
| | | | | | | | | | | | | | | | | | | | | | fine grained, pale grey/green, calcareous rx as above 372.1-379.0 (retrograde |
| | | | | | | | | | | | | | | | | | | | | | or strange prograde assemblage) |
| | | | | | | | | | | | | | | | | | | | | | |
| 398.4 | 561.3 | LS | | | | | | | 5 | | | | tr | | | | | | | | **Massive Limestone** |
| | | | S1 | 440.4 | 55 | | | | | | | | | | | | | | | | loc. wkly banded/laminated |
| | | | S1 | 446.0 | 52 | | | | | | | | | | | | | | | | med-dk blue/grey recrystallized limestone |
| | | | S1 | 467.7 | 61 | | | | | | | | | | | | | | | | loc calcite stringers |
| | | | S1 | 507.0 | 55 | | | | | | | | | | | | | | | | 5% loc carbonaceous wisps |
| | | | S1 | 518.8 | 57 | | | | | | | | | | | | | | | | PY in rare vnlts, <vnlts, blebs |
| | | | S1 | 534.1 | 34 | | | | | | | | | | | | | | | | 411.2: 5mm fault gouge |
| | | | S1 | 541.5 | 15 | | | | | | | | | | | | | | | | 411.8-411.9: broken w/ carbonaceous fault gouge |
| | | | S1 | 545.4 | 10 | | | | | | | | | | | | | | | | 416.6: PY+Calcite vn; 5mm wide |
| | | | S1 | 554.4 | 21 | | | | | | | | | | | | | | | | loc "mountain leather" in fractures |
| | | | S1 | 558.7 | 30 | | | | | | | | | | | | | | | | loc darker grey (finer grained) patches (frags?) |

# Diamond Drill Log LD05-13

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **398.4-561.3 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 425.5-427.7: broken core |
| | | | | | | | | | | | | | | | | | | | | | 428.1-429.6: porous, loc friable |
| | | | | | | | | | | | | | | | | | | | | | 433.1: 70mm w/ blebs of CP+PY |
| | | | | | | | | | | | | | | | | | | | | | 436.9-437.3: broken core w/ slickensides (no gouge) |
| | | | | | | | | | | | | | | | | | | | | | 441.8-442.3: broken and rubbly w/ carbonaceous fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 444.1: PY in bxia zone |
| | | | | | | | | | | | | | | | | | | | | | 446.5-446.7: healed bxia w/ loc carbonaceous fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 446.9-447.1: healed bxia w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 460.6: 10mm, v. irreg band of PY+Marcasite (miniature CRD) |
| | | | | | | | | | | | | | | | | | | | | | 470.7-472.8: incipient bxia |
| | | | | | | | | | | | | | | | | | | | | | 538.8-538.9: healed bxia |
| | | | | | | | | | | | | | | | | | | | | | 561.3: 15cm Pyx+Ca-Garnet Prograde Skarn w/ patches of PO CP blebs; v. sharp |
| | | | | | | | | | | | | | | | | | | | | | irreg cnts |
| | | | | | | | | | | | | | | | | | | | | | |
| 561.3 | 566.0 | Md | | | | | | | | | | | | | | | | | | | **Monzonite Dyke** |
| | | | CN | 561.3 | 22 | | | | | | | | | | | | | | | | lt grey; fine-med grained; non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | no mineralization or alt'n |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 566.0m | | | | | | | | | | | | | | | | | | | | | **Note: large dyke at the projected depth of the limestone/siliceous argillite cnt** |

# Assay Sample Log LD05-13

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 4.4 | no sample | | | | | | | | |
| 323409 | 4.4 | 5.5 | split core | | 1.0 | 91 | 0.080 | 1.2 | 136 | 1110 | 94 |
| 323410 | 5.5 | 7.0 | split core | | 1.5 | 100 | 0.006 | 0.3 | 24 | 325 | 23 |
| 323411 | 7.0 | 7.8 | split core | | 0.8 | 100 | 0.028 | 1.4 | 69 | 1905 | 44 |
| 323412 | 7.8 | 8.9 | split core | | 1.1 | 100 | 0.014 | 0.6 | 24 | 704 | 20 |
| 323413 | 8.9 | 10.5 | split core | | 1.6 | 100 | 0.026 | 0.8 | 12 | 707 | 33 |
| 323414 | 10.5 | 12.1 | split core | | 1.6 | 100 | 0.032 | 0.7 | 22 | 524 | 28 |
| 323415 | 12.1 | 13.7 | split core | | 1.5 | 94 | 0.073 | 1.9 | 41 | 1640 | 44 |
| 323416 | 13.7 | 14.6 | split core | | 0.9 | 100 | 0.074 | 2.0 | 523 | 2120 | 25 |
| | 14.6 | 89.0 | no sample | | | | | | | | |
| 323417 | 89.0 | 92.0 | split core | | 3.0 | 100 | 0.015 | 0.4 | 83 | 395 | 19 |
| | 92.0 | 115.2 | no sample | | | | | | | | |
| 323418 | 115.2 | 116.2 | split core | | 1.0 | 100 | 0.236 | 10.7 | 1805 | 8260 | 97 |
| | 116.2 | 172.5 | no sample | | | | | | | | |
| 323419 | 172.5 | 174.6 | split core | | 2.1 | 100 | 0.007 | 0.6 | 25 | 1240 | 21 |
| | 174.6 | 201.7 | no sample | | | | | | | | |
| 323420 | | | standard | | | | 0.977 | 2.8 | 17 | 11800 | 79 |
| 323421 | | | blank | | | | 0.008 | 0.2 | 8 | 144 | 44 |
| 323422 | 201.7 | 204.8 | split core | | 3.1 | 100 | 0.018 | 0.6 | 48 | 195 | 192 |
| | 204.8 | 214.8 | no sample | | | | | | | | |
| 323423 | 214.8 | 217.8 | split core | | 3.0 | 100 | 0.008 | 0.3 | 30 | 120 | 36 |
| | 217.8 | 233.9 | no sample | | | | | | | | |
| 323424 | 233.9 | 235.2 | split core | | 1.2 | 92 | 0.072 | 1.9 | 23 | 2350 | 39 |
| | 235.2 | 269.0 | no sample | | | | | | | | |
| 323425 | 269.0 | 270.5 | split core | | 1.5 | 100 | 0.011 | 0.3 | 3 | 258 | 21 |
| 323426 | 270.5 | 272.0 | split core | | 1.5 | 100 | 0.002 | 0.7 | 127 | 717 | 14 |
| 323427 | 272.0 | 273.5 | split core | | 1.5 | 100 | 0.005 | 0.4 | 197 | 461 | 16 |
| 323428 | 273.5 | 275.0 | split core | | 1.5 | 100 | 0.002 | 0.4 | 99 | 533 | 122 |
| 323429 | 275.0 | 276.4 | split core | | 1.4 | 100 | 0.008 | 0.3 | 95 | 445 | 24 |
| 323430 | 276.4 | 277.9 | split core | | 1.5 | 100 | 0.182 | 1.2 | 148 | 1855 | 28 |
| 323431 | 277.9 | 279.5 | split core | | 1.6 | 100 | 2.200 | 17.1 | 147 | 15600 | 210 |
| 323432 | 279.5 | 281.0 | split core | | 1.5 | 100 | 0.180 | 1.3 | 163 | 2120 | 22 |

# Assay Sample Log LD05-13

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323433 | 281.0 | 281.8 | split core | | 0.8 | 100 | 0.078 | 1.5 | 148 | 2760 | 57 |
| 323434 | 281.8 | 284.8 | split core | | 3.0 | 100 | 0.028 | 0.5 | 2 | 513 | 34 |
| 323435 | 284.8 | 287.8 | split core | | 3.0 | 100 | 0.019 | 0.5 | 7 | 503 | 32 |
| 323436 | 287.8 | 290.8 | split core | | 3.0 | 100 | 0.012 | 0.5 | 3 | 251 | 27 |
| | 290.8 | 306.9 | no sample | | | | | | | | |
| 323437 | 306.9 | 309.9 | split core | | 3.0 | 100 | 0.010 | 3.0 | 3 | 1150 | 33 |
| | 309.9 | 329.9 | no sample | | | | | | | | |
| 323438 | 329.9 | 330.8 | split core | | 0.9 | 100 | 0.212 | 0.1 | 229 | 17 | 19 |
| 323439 | 330.8 | 332.3 | split core | | 1.5 | 100 | 0.037 | 0.1 | 54 | 33 | 36 |
| 323440 | | | standard | | | | 0.913 | 2.7 | 11 | 11800 | 92 |
| 323441 | | | blank | | | | 0.006 | 0.2 | 5 | 131 | 48 |
| 323442 | 332.3 | 333.8 | split core | | 1.5 | 100 | 0.044 | 0.2 | 97 | 48 | 30 |
| 323443 | 333.8 | 335.3 | split core | | 1.5 | 100 | 0.086 | 0.1 | 104 | 44 | 25 |
| 323444 | 335.3 | 336.8 | split core | | 1.5 | 100 | 0.021 | 0.2 | 86 | 66 | 15 |
| 323445 | 336.8 | 338.3 | split core | | 1.5 | 100 | 0.056 | 0.1 | 79 | 69 | 45 |
| 323446 | 338.3 | 339.8 | split core | | 1.5 | 100 | 0.016 | 0.1 | 89 | 45 | 34 |
| 323447 | 339.8 | 341.3 | split core | | 1.5 | 100 | 0.034 | 0.2 | 89 | 50 | 57 |
| 323448 | 341.3 | 343.1 | split core | | 1.8 | 100 | 1.775 | 0.3 | 62 | 106 | 51 |
| 323449 | 343.1 | 344.3 | split core | | 1.2 | 100 | 0.023 | 0.2 | 11 | 86 | 34 |
| 323450 | 344.3 | 345.5 | split core | | 1.2 | 100 | 0.021 | 0.3 | 25 | 54 | 53 |
| 323451 | 345.5 | 346.8 | split core | | 1.3 | 100 | 0.037 | 0.5 | 5 | 113 | 28 |
| 323452 | 346.8 | 348.0 | split core | | 1.2 | 100 | 0.072 | 1.4 | 156 | 352 | 19 |
| 323453 | 348.0 | 349.1 | split core | | 1.1 | 100 | 0.023 | 0.3 | 136 | 80 | 30 |
| | 349.1 | 361.4 | no sample | | | | | | | | |
| 323454 | 361.4 | 362.7 | split core | | 1.3 | 100 | 0.015 | 0.2 | 7 | 49 | 48 |
| 323455 | 362.7 | 363.7 | split core | | 1.0 | 100 | 0.008 | 0.2 | 17 | 69 | 42 |
| | 363.7 | 372.1 | no sample | | | | | | | | |
| 323456 | 372.1 | 373.6 | split core | | 1.5 | 100 | 0.368 | 6.5 | 150 | 2650 | 37 |
| 323457 | 373.6 | 375.1 | split core | | 1.5 | 100 | 0.121 | 2.1 | 61 | 1090 | 29 |
| 323458 | 375.1 | 376.6 | split core | | 1.5 | 100 | 0.080 | 2.6 | 63 | 1320 | 22 |
| 323459 | 376.6 | 378.1 | split core | | 1.5 | 100 | 0.064 | 1.2 | 61 | 634 | 19 |
| 323460 | | | standard | | | | 0.957 | 2.7 | 11 | 12000 | 91 |
| 323461 | | | blank | | | | 0.010 | 0.1 | 3 | 153 | 45 |

# Assay Sample Log LD05-13

Page: 3

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 323462 | 378.1 | 379.7 | split core | | 1.6 | 100 | 0.238 | 4.6 | 39 | 2360 | 31 |
| 323463 | 379.7 | 381.3 | split core | | 1.6 | 100 | 0.102 | 4.3 | 33 | 2270 | 26 |
| 323464 | 381.3 | 382.8 | split core | | 1.5 | 100 | 0.742 | 10.2 | 67 | 4380 | 81 |
| 323465 | 382.8 | 384.3 | split core | | 1.5 | 100 | 0.506 | 24.7 | 9 | 11200 | 142 |
| 323466 | 384.3 | 385.9 | split core | | 1.6 | 100 | 0.776 | 17.8 | 24 | 8140 | 128 |
| 323467 | 385.9 | 387.2 | split core | | 1.3 | 100 | 2.760 | 53.4 | 45 | 17900 | 271 |
| 323468 | 387.2 | 388.4 | split core | | 1.2 | 100 | 0.458 | 3.5 | 104 | 1115 | 53 |
| 323469 | 388.4 | 389.9 | split core | | 1.5 | 100 | 0.155 | 4.0 | 56 | 1250 | 273 |
| 323470 | 389.9 | 391.4 | split core | | 1.5 | 100 | 0.156 | 2.5 | 51 | 1020 | 46 |
| 323471 | 391.4 | 392.9 | split core | | 1.5 | 100 | 0.026 | 0.6 | 59 | 233 | 43 |
| 323472 | 392.9 | 394.4 | split core | | 1.5 | 100 | 0.010 | 0.3 | 63 | 91 | 34 |
| 323473 | 394.4 | 395.9 | split core | | 1.5 | 100 | 0.020 | 0.5 | 48 | 172 | 65 |
| 323474 | 395.9 | 397.4 | split core | | 1.5 | 100 | 0.214 | 4.5 | 48 | 1465 | 84 |
| 323475 | 397.4 | 398.4 | split core | | 1.0 | 100 | 0.178 | 5.1 | 55 | 1870 | 76 |
| | 398.4 | 566.0 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 566.0m | | | | | | | | | | | |

# RQD Log  LD05-13

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 0.0 | | | 136.2 | | |
| 5.2 | 63 | 12 | 139.3 | 248 | 80 |
| 8.2 | 182 | 61 | 142.3 | 209 | 70 |
| 11.3 | 105 | 34 | 145.4 | 241 | 78 |
| 14.3 | 211 | 70 | 148.4 | 208 | 69 |
| 17.4 | 217 | 70 | 151.5 | 261 | 84 |
| 20.4 | 175 | 58 | 154.5 | 291 | 97 |
| 23.5 | 173 | 56 | 157.6 | 244 | 79 |
| 26.5 | 228 | 76 | 160.6 | 232 | 77 |
| 29.6 | 279 | 90 | 163.7 | 240 | 77 |
| 32.6 | 257 | 86 | 166.7 | 296 | 99 |
| 35.7 | 193 | 62 | 169.8 | 176 | 57 |
| 38.7 | 91 | 30 | 172.8 | 270 | 90 |
| 41.8 | 173 | 56 | 175.9 | 281 | 91 |
| 44.8 | 282 | 94 | 178.9 | 229 | 76 |
| 47.9 | 270 | 87 | 182.0 | 239 | 77 |
| 50.9 | 208 | 69 | 185.0 | 231 | 77 |
| 53.9 | 96 | 32 | 188.1 | 293 | 95 |
| 57.0 | 246 | 79 | 191.1 | 281 | 94 |
| 60.0 | 262 | 87 | 194.1 | 288 | 96 |
| 63.1 | 294 | 95 | 197.2 | 294 | 95 |
| 66.1 | 276 | 92 | 200.2 | 274 | 91 |
| 69.2 | 235 | 76 | 203.3 | 301 | 97 |
| 72.2 | 126 | 42 | 206.3 | 274 | 91 |
| 75.3 | 256 | 83 | 209.4 | 299 | 96 |
| 78.3 | 263 | 88 | 212.4 | 286 | 95 |
| 81.4 | 297 | 96 | 215.5 | 298 | 96 |
| 84.4 | 252 | 84 | 218.5 | 261 | 87 |
| 87.5 | 256 | 83 | 221.6 | 151 | 49 |
| 90.5 | 287 | 96 | 224.6 | 171 | 57 |
| 93.6 | 274 | 88 | 227.7 | 301 | 97 |
| 96.6 | 298 | 99 | 230.7 | 276 | 92 |
| 99.7 | 243 | 78 | 233.8 | 268 | 86 |
| 102.7 | 289 | 96 | 236.8 | 183 | 61 |
| 105.8 | 260 | 84 | 239.9 | 254 | 82 |
| 108.8 | 41 | 14 | 242.9 | 295 | 98 |
| 111.9 | 244 | 79 | 246.0 | 273 | 88 |
| 114.9 | 141 | 47 | 249.0 | 125 | 42 |
| 118.0 | 119 | 38 | 252.1 | 126 | 41 |
| 121.0 | 213 | 71 | 255.1 | 114 | 38 |
| 124.0 | 279 | 93 | 258.2 | 123 | 40 |
| 127.1 | 232 | 75 | 261.2 | 67 | 22 |
| 130.1 | 154 | 51 | 264.2 | 253 | 84 |
| 133.1 | 264 | 88 | 267.3 | 284 | 92 |
| 136.2 | 149 | 48 | 270.3 | 242 | 81 |

# RQD Log LD05-13

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 270.3 | | | 404.4 | | |
| 273.4 | 265 | 85 | 407.5 | 256 | 83 |
| 276.4 | 238 | 79 | 410.5 | 240 | 80 |
| 279.5 | 278 | 90 | 413.6 | 210 | 68 |
| 282.5 | 218 | 73 | 416.6 | 233 | 78 |
| 285.6 | 255 | 82 | 419.7 | 239 | 77 |
| 288.6 | 134 | 45 | 422.7 | 188 | 63 |
| 291.7 | 294 | 95 | 425.8 | 145 | 47 |
| 294.7 | 287 | 96 | 428.8 | 145 | 48 |
| 297.8 | 253 | 82 | 431.9 | 137 | 44 |
| 300.8 | 254 | 85 | 434.9 | 150 | 50 |
| 303.9 | 186 | 60 | 438.0 | 119 | 38 |
| 306.9 | 249 | 83 | 441.0 | 243 | 81 |
| 310.0 | 235 | 76 | 444.1 | 195 | 63 |
| 313.0 | 270 | 90 | 450.2 | 209 | 34 |
| 316.1 | 275 | 89 | 453.2 | 226 | 75 |
| 319.1 | 236 | 79 | 456.3 | 250 | 81 |
| 322.2 | 258 | 83 | 459.3 | 245 | 82 |
| 325.2 | 263 | 88 | 462.4 | 261 | 84 |
| 328.3 | 254 | 82 | 465.4 | 171 | 57 |
| 331.3 | 188 | 63 | 468.5 | 245 | 79 |
| 334.3 | 291 | 97 | 471.5 | 204 | 68 |
| 337.4 | 150 | 48 | 474.6 | 244 | 79 |
| 340.4 | 268 | 89 | 477.6 | 242 | 81 |
| 343.5 | 164 | 53 | 480.7 | 205 | 66 |
| 346.5 | 149 | 50 | 483.7 | 279 | 93 |
| 349.6 | 221 | 71 | 486.8 | 265 | 85 |
| 352.6 | 254 | 85 | 489.8 | 214 | 71 |
| 355.7 | 272 | 88 | 492.9 | 250 | 81 |
| 358.7 | 226 | 75 | 495.9 | 249 | 83 |
| 361.8 | 214 | 69 | 499.0 | 165 | 53 |
| 364.8 | 259 | 86 | 502.0 | 229 | 76 |
| 367.9 | 247 | 80 | 505.1 | 250 | 81 |
| 370.9 | 174 | 58 | 508.1 | 184 | 61 |
| 374.0 | 246 | 79 | 511.1 | 242 | 81 |
| 377.0 | 298 | 99 | 514.2 | 251 | 81 |
| 380.1 | 260 | 84 | 517.2 | 111 | 37 |
| 383.1 | 274 | 91 | 520.3 | 243 | 78 |
| 386.2 | 273 | 88 | 523.3 | 222 | 74 |
| 389.2 | 277 | 92 | 526.4 | 268 | 86 |
| 392.3 | 249 | 80 | 529.4 | 269 | 90 |
| 395.3 | 279 | 93 | 532.5 | 174 | 56 |
| 398.4 | 289 | 93 | 535.5 | 243 | 81 |
| 401.4 | 241 | 80 | 538.6 | 241 | 78 |
| 404.4 | 262 | 87 | | | |

# RQD Log LD05-13

Date: Page: 3

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 538.6 | | | | | |
| 541.6 | 244 | 81 | | | |
| 544.7 | 216 | 70 | | | |
| 547.7 | 251 | 84 | | | |
| 550.8 | 276 | 89 | | | |
| 553.8 | 289 | 96 | | | |
| 556.9 | 174 | 56 | | | |
| 559.9 | 223 | 74 | | | |
| 562.0 | 202 | 96 | | | |
| 566.0 | 226 | 57 | | | |
| | | | | | |
| EOH @ 566.0m | | | | | |

# Survey Log LD05-14

**UTM Northing:** 6161817.5
**UTM Easting:** 346979.2
**Elevation:** 1337.3
**Length:** 238.4

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic | |
|---|---|---|---|---|---|---|---|
| 0 | 0 | | 46.0 | | -65.00 | | |
| 182 | 55.5 | 25 | 47.0 | | -63.70 | 5965 | * |
| 382 | 116.4 | 25.2 | 47.2 | | -62.50 | 5828 | |
| 582 | 177.4 | 25.5 | 47.5 | | -62.10 | 5833 | |
| 782 | 238.3 | 26 | 48.0 | | -62.20 | 5763 | * |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

# Diamond Drill Log LD05-14

Date: Logged By: DJH Page 1/3

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 23.0 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 23.0 | 26.5 | SKr? | | | | | | 5 | | | | | 10 | | | | | | | 80 | **Massive Magnetite** |
| | | | | | | | | | | | | | | | | | | | | | w/ 5% PY patches |
| | | | | | | | | | | | | | | | | | | | | | 10% oxidized cavities (PY patches are weathered out) |
| | | | | | | | | | | | | | | | | | | | | | |
| 26.5 | 29.6 | FLT | | | | | | | | | | | | | | | | | | | **Fault Gouge** |
| | | | | | | | | | | | | | | | | | | | | | 20cms core recovered |
| | | | | | | | | | | | | | | | | | | | | | |
| 29.6 | 32.6 | NC | | | | | | | | | | | | | | | | | | | **No recovery** |
| | | | | | | | | | | | | | | | | | | | | | |
| 32.6 | 35.4 | SKp | | | | | 5 | | | | | | | | | | | | | | **Oxidized Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | very friable |
| | | | | | | | | | | | | | | | | | | | | | no sulphides observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 35.4 | 37.8 | SKr? | | | | | | 5 | | | | | 15 | | 1 | | | | | 75 | **Massive Magnetite** |
| | | | | | | | | | | | | | | | | | | | | | as above 23.0-26.5 |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 37.8 | 38.3 | SKr | | | | | tr | 3 | | | | | 7 | | | | | | | 5 | **Weakly Mineralized Chlorite+Magnetite+Pyrite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | incipiently developed w/ relict laminae |
| | | | | | | | | | | | | | | | | | | | | | w/ loc. prograde skarn patches |
| | | | | | | | | | | | | | | | | | | | | | loc. oxidized |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | MG as patches w/ PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 38.3 | 41.1 | PQ | | | | | tr | | | 1 | | | 1 | tr | | | | | | | **Weakly Phyllitic Quartzite** |
| | | | | | | | | | | | | | | | | | | | | | pale grey/white, fragmental rx w/ siliceous frags (2-20mm) in an aphanitic matrix |
| | | | | | | | | | | | | | | | | | | | | | tr prograde skarn blobs and structurally controlled patches |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | PO as small patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 41.1 | 59.2 | SPbh | | | | 3 | | | | 1 | tr | | <1 | | tr | | | | | | **Incipiently Developed Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | loc wkly fragmental |

# Diamond Drill Log LD05-14

Date: Logged By: DJH Page 2/3

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **41.1-59.2 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | lt brown/beige; contorted comp. laminae; loc chlorite and sericite alt'n |
| | | | | | | | | | | | | | | | | | | | | | grades loc to siliceous argillite |
| | | | | | | | | | | | | | | | | | | | | | grades loc to phyllitic quartzite |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 48.1-48.2: Garnet-Magnetite skarn (prograde or retrograde?) |
| | | | | | | | | | | | | | | | | | | | | | 52.4-52.8: broken w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 54.8-56.2: brecciated w/ loc patches of PY |
| | | | | | | | | | | | | | | | | | | | | | 56.2-56.3: broken and rubbly w/ minor fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 57.9-58.0: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 58.6-59.2: loc incipient prograde skarn w/ loc dark green/blk retrograde chlorite |
| | | | | | | | | | | | | | | | | | | | | | |
| 59.2 | 62.5 | SKpm | | | | | 5 | | | | | | <1 | | 3 | | | | | | **Mineralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | CP as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | specularite as xtline plates |
| | | | | | | | | | | | | | | | | | | | | | 61.7-62.5: Ca-garnet+Cpx prograde skarn (non-mineralized) |
| | | | | | | | | | | | | | | | | | | | | | |
| 62.5 | `66.5 | Mpd | | | | | | | | | | | | | | | | | | | **Megacrystic Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | **w/ 1-2% feldspar megacrysts to 5X8mm** |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational (ie assimilated or endoskarn) |
| | | | | | | | | | | | | | | | | | | | | | 66.3-66.5: mineralized dyke w/ 10% PY as patches+epidote+ca-garnet |
| | | | | | | | | | | | | | | | | | | | | | |
| 66.5 | 67.4 | SKp | | | | | 5 | | | | | | <1 | | | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 10% patches of pale green/grey calcareous rx (retrograde or protolith) |
| | | | | | | | | | | | | | | | | | | | | | PY as coarse xtline patches |
| | | | | | | | | | | | | | | | | | | | | | specularite as xtline blebs, plates |
| | | | | | | | | | | | | | | | | | | | | | |
| 67.4 | 68.2 | MS | | | | | | | | | | 2 | 10 | | | 40 | | | | | **Massive Siliceous Sulphides (CRd or vein)** |
| | | | | | | | | | | | | | | | | | | | | | SL as patches |
| | | | | | | | | | | | | | | | | | | | | | PY as coarse xtls |
| | | | | | | | | | | | | | | | | | | | | | 50% silica |
| | | | | | | | | | | | | | | | | | | | | | broken core w/ fault gouge at lower cnt |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-14

Date: Logged By: DJH Page 3/3

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 68.2 | 227.8 | LS | | | | | tr | | 3 | | | | | | | | | | | | **Massive Limestone** |
| | | | S1 | 92.4 | 52 | | | | | | | | | | | | | | | | dk blue/grey; wkly recrystallized; massive to loc wkly laminated |
| | | | S1 | 211.2 | 50 | | | | | | | | | | | | | | | | loc fractures w/ pale yellow and brown oxide coatings |
| | | | | | | | | | | | | | | | | | | | | | loc patches of pure white marble |
| | | | | | | | | | | | | | | | | | | | | | w/ rare argillaceous laminae |
| | | | | | | | | | | | | | | | | | | | | | 76.4-88.7: prominent yellow/brown oxide on fractures |
| | | | | | | | | | | | | | | | | | | | | | 83.7-87.0: broken and lost core w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 87.5: 50mm red/brown fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 89.6-89.8: red/brown sand w/ minor clay (oxidized zone) w/ calcareous particles |
| | | | | | | | | | | | | | | | | | | | | | 133.2-133.4: red/brown oxides on fractures (decomposed "mountain leather"?) |
| | | | | | | | | | | | | | | | | | | | | | 157.0-158.5: 20% solution cavities |
| | | | | | | | | | | | | | | | | | | | | | 218.1-218.9: yellow/brown oxides on wk fractures |
| | | | | | | | | | | | | | | | | | | | | | 221.7-221.8: prograde skarn band w/ 10% SL |
| | | | | | | | | | | | | | | | | | | | | | |
| 227.8 | 238.4 | SP | | | | tr | | | | | | | <1 | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 221.9 | 55 | | | | | | | | | | | | | | | | (quartz-muscovite phyllite) |
| | | | S1 | 235.0 | 43 | | | | | | | | | | | | | | | | moderately phyllitic |
| | | | | | | | | | | | | | | | | | | | | | loc biotite rich laminae |
| | | | | | | | | | | | | | | | | | | | | | loc carbonaceous |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 238.4m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-14

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 23.0 | no sample | | | | | | | | |
| 323476 | 23.0 | 26.5 | split core | | 1.3 | 37 | 0.082 | 3.8 | 94 | 107 | 87 |
| 323477 | 26.5 | 29.6 | split core | | 0.2 | 6 | 0.053 | 1.6 | 740 | 2710 | 506 |
| | 29.6 | 32.6 | no sample | | | | | | | | |
| 323478 | 32.6 | 35.4 | split core | | 0.6 | 21 | 0.228 | 7.7 | 351 | 2790 | 168 |
| 323479 | 35.4 | 38.3 | split core | | 2.0 | 69 | 2.550 | 11.4 | 227 | 3290 | 259 |
| 323480 | | | standard | | | | 0.972 | 2.8 | 14 | 11900 | 135 |
| 323481 | | | blank | | | | 0.011 | 0.1 | 5 | 139 | 45 |
| 323482 | 38.3 | 39.6 | split core | | 1.3 | 100 | 0.032 | 0.9 | 35 | 307 | 152 |
| 323483 | 39.6 | 41.1 | split core | | 1.5 | 100 | 0.058 | 1.3 | 14 | 642 | 65 |
| | 41.1 | 54.8 | no sample | | | | | | | | |
| 323484 | 54.8 | 56.2 | split core | | 1.4 | 100 | 1.355 | 167.0 | 3470 | 20100 | 4600 |
| | 56.2 | 58.2 | no sample | | | | | | | | |
| 323485 | 58.2 | 59.2 | split core | | 1.0 | 100 | 0.134 | 2.5 | 620 | 1425 | 905 |
| 323486 | 59.2 | 60.7 | split core | | 1.5 | 100 | 0.725 | 35.2 | 375 | 20000 | 964 |
| 323487 | 60.7 | 61.7 | split core | | 1.0 | 100 | 1.230 | 27.2 | 268 | 14700 | 544 |
| 323488 | 61.7 | 62.5 | split core | | 0.8 | 100 | 0.011 | 0.6 | 20 | 230 | 89 |
| | 62.5 | 66.5 | no sample | | | | | | | | |
| 323489 | 66.5 | 67.4 | split core | | 0.9 | 100 | 0.079 | 5.3 | 108 | 1740 | 211 |
| 323490 | 67.4 | 68.2 | split core | | 0.7 | 88 | 2.370 | 114.0 | 3590 | 13200 | 172500 |
| | 68.2 | 238.4 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 238.4m | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |

# RQD Log LD05-14

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 22.0 | | | 154.5 | | |
| 23.5 | 23 | 15 | 157.6 | 175 | 56 |
| 26.5 | 60 | 20 | 160.6 | 111 | 37 |
| 29.6 | 0 | 0 | 163.7 | 175 | 56 |
| 32.6 | 0 | 0 | 166.7 | 216 | 72 |
| 35.7 | 28 | 9 | 169.8 | 120 | 39 |
| 38.7 | 123 | 41 | 172.8 | 164 | 55 |
| 41.8 | 229 | 74 | 175.9 | 285 | 92 |
| 44.8 | 155 | 52 | 178.9 | 286 | 95 |
| 47.9 | 252 | 81 | 182.0 | 259 | 84 |
| 50.9 | 194 | 65 | 185.0 | 292 | 97 |
| 53.9 | 208 | 69 | 188.1 | 285 | 92 |
| 57.0 | 125 | 40 | 191.1 | 271 | 90 |
| 60.0 | 148 | 49 | 194.1 | 262 | 87 |
| 63.1 | 147 | 47 | 197.2 | 292 | 94 |
| 66.1 | 92 | 31 | 200.2 | 271 | 90 |
| 69.2 | 165 | 53 | 203.3 | 271 | 87 |
| 72.2 | 266 | 89 | 206.3 | 271 | 90 |
| 75.3 | 188 | 61 | 209.4 | 190 | 61 |
| 78.3 | 140 | 47 | 212.4 | 225 | 75 |
| 81.4 | 99 | 32 | 215.5 | 261 | 84 |
| 84.4 | 114 | 38 | 218.5 | 106 | 35 |
| 87.5 | 27 | 9 | 221.6 | 141 | 45 |
| 90.5 | 168 | 56 | 224.6 | 205 | 68 |
| 93.6 | 243 | 78 | 227.7 | 267 | 86 |
| 96.6 | 250 | 83 | 230.7 | 190 | 63 |
| 99.7 | 256 | 83 | 233.8 | 175 | 56 |
| 102.7 | 256 | 85 | 236.8 | 173 | 58 |
| 105.8 | 182 | 59 | 238.4 | 126 | 79 |
| 108.8 | 245 | 82 | | | |
| 111.9 | 292 | 94 | EOH @ 238.4m | | |
| 114.9 | 295 | 98 | | | |
| 118.0 | 286 | 92 | | | |
| 121.0 | 248 | 83 | | | |
| 124.0 | 132 | 44 | | | |
| 127.1 | 166 | 54 | | | |
| 130.1 | 140 | 47 | | | |
| 133.2 | 188 | 61 | | | |
| 136.2 | 120 | 40 | | | |
| 139.3 | 276 | 89 | | | |
| 142.3 | 260 | 87 | | | |
| 145.4 | 299 | 96 | | | |
| 148.4 | 291 | 97 | | | |
| 151.5 | 198 | 64 | | | |
| 154.5 | 219 | 73 | | | |

# Survey Log  LD05-15

**UTM Northing:** 6161730.3
**UTM Easting:** 346889.7
**Elevation:** 1378.1
**Length:** 356.1

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 50.0 | | -65.00 | |
| 167 | 50.9 | 34 | 52.0 | | -65.60 | 5755 * |
| 367 | 111.9 | 32.5 | 54.5 | | -65.10 | 5799 |
| 567 | 172.8 | 36 | 58.0 | | -65.10 | 7944 * |
| 767 | 233.8 | 40.8 | 62.8 | | -63.20 | 5824 |
| 967 | 294.7 | 45 | 67.0 | | -62.70 | 6976 * |
| 1187 | 361.8 | 51.2 | 73.2 | | -62.20 | 5136 |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |

**Diamond Drill Log** **LD05-15**

Date: Logged By: DJH Page 1/ 7

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 3.0 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 3.0 | 3.5 | Md | | | | | | | | tr | | | | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | lt grey; fine-med grained; non-magnetic; non-calcareous |
| | | | | | | | | | | | | | | | | | | | | | w/ wk Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | |
| 3.5 | 6.0 | SKrm? | | | | | 1 | 4 | | | | | 10 | | | | | | | 2 | **Weakly MIneralized Quartz+Epidote+Calcite Retrograde(?) Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ patches/bands of ca-garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | MG as small patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 6.0 | `13.9 | SPbh | | | | 5 | tr | tr | | | | | 1 | | | | | | | 0.2 | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 6.9 | 52 | | | | | | | | | | | | | | | | w/ loc incipient prograde skarn bands patches w/ loc retrograde alt'n |
| | | | S1 | 12.2 | 50 | | | | | | | | | | | | | | | | w/ loc siliceous massive pyrite (retrograde patches?) |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs associated w/ skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as fine-med grained patches in siliceous massive pyrite |
| | | | | | | | | | | | | | | | | | | | | | 6.0-7.6: incipient skarn |
| | | | | | | | | | | | | | | | | | | | | | 11.2-11.8: Monzonite Dyke |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained; non-magnetic; lower cnt gradational? |
| | | | | | | | | | | | | | | | | | | | | | 12.8-13.2: bands and patches of massive PY w/ 10% dk grey/black, non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | unknown mineral (H>5.5) |
| | | | | | | | | | | | | | | | | | | | | | |
| 13.9 | 14.8 | Md | | | | | | | | tr | | | 1 | | | | | | | | **Weakly Pyritic Monzonite Dyke** |
| | | | CN | 14.8 | 15 | | | | | | | | | | | | | | | | fine-med grained; non-magnetic; non-porphrytic |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg, 10cms healed bxia (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, slightly irreg |
| | | | | | | | | | | | | | | | | | | | | | |
| 14.8 | 18.2 | SPbh | | | | 5 | | | | | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 17.7 | 45 | | | | | | | | | | | | | | | | PY as dissems, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 14.8-15.3: siliceous massive pyrite w/ 25% PY+tr MO |
| | | | | | | | | | | | | | | | | | | | | | 15.8: rubble w/ minor fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-15

Date: Logged By: DJH Page 2/7

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 18.2 | 21.0 | SKrm | | | | tr | 1 | 4 | | | | | 10 | | | | | | | | **Weakly Mineralized Chlorite+Tremolite/Actinolite+Calcite Retrograde Skarn** |
| | | | CN | 21.0 | 45 | | | | | | | | | | | | | | | | w/ loc patches/bands of ca-garnet, fine grained prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt fairly sharp |
| | | | | | | | | | | | | | | | | | | | | | |
| 21.0 | 24.8 | SPbh | | | | 5 | | | | | | | <1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 23.2 | 47 | | | | | | | | | | | | | | | | PY as blebs, <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt fairly sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 24.8 | 25.7 | SKrm | | | | | 1 | 4 | | | | | 10 | | | | | | | 1 | **Weakly MIneralized Chlorite+Magnetitie Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc ca-garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | MG as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 25.7 | 26.5 | SPa | | | | 1 | | | | 4 | tr | | 5 | | | | | | | | **Weakly MIneralized Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | loc Chl+Ser alt'n of biotite rich laminae |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt weakly gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 26.5 | 27.1 | SKp | | | | | 4 | 1 | | | | | 1 | | | | | | | | **Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | fine grained; red/brown/green mottled |
| | | | | | | | | | | | | | | | | | | | | | w/ loc retrograde patches |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational (assimilated or endoskarn) |
| | | | | | | | | | | | | | | | | | | | | | |
| 27.1 | 28.2 | Md | | | | | tr | | | | | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | fine-med grained; pale grey/green; 20% sub-aligned plag to 3mm |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg w/ patches of prograde endoskarn |
| | | | | | | | | | | | | | | | | | | | | | |
| 28.2 | 36.7 | SPbh | | | | 4 | 1 | tr | | tr | | tr | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 33.4 | 52 | | | | | | | | | | | | | | | | w/ loc bands/patches of skarnoid w/ minor Chlorite+magnetite+Calcite retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | grades loc to minor Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | loc bands of siliceous massive PY+Calcite |
| | | | | | | | | | | | | | | | | | | | | | 28.2-28.4: banded siliceous massive PY |

**Diamond Drill Log** **LD05-15**

Date: Logged By: DJH Page 3/7

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **28.2-36.7 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | 30.8-31.2: vuggy skarn |
| | | | | | | | | | | | | | | | | | | | | | 31.5-31.7: monzonite dyke w/ gradational cnts |
| | | | | | | | | | | | | | | | | | | | | | 34.3-34.6: prograde skarn w/ 20% Chlorite+Magnetite retrograde alt'n; upper cnt |
| | | | | | | | | | | | | | | | | | | | | | gradational; lower cnt sharp w/ "bleaching" of hornfels (biotite alt'd to |
| | | | | | | | | | | | | | | | | | | | | | Ser+Chl) |
| | | | | | | | | | | | | | | | | | | | | | 35.4-35.5: band of PY+Epidote+Qtz+Calcite |
| | | | | | | | | | | | | | | | | | | | | | |
| 36.7 | 46.2 | Dd | | | | | | | | | | | 1 | | | | | | | | **Diorite Dyke** |
| | | | CN | 46.2 | 27 | | | | | | | | | | | | | | | | dk grey; med grained; magnetic; w/ 10% mafics+ magnetite |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts,vnlts w/ loc "bleached" selvages |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 46.2 | 56.8 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 50.7 | 48 | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | FLT | 54.3 | 43 | | | | | | | | | | | | | | | | 49.4-49.5: broken and rubbly w/ minor fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 54.3-54.9: rubble and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 56.8 | 57.7 | SKpm | | | | | 3 | | | | | | 5 | | | | | | | | **Weakly Mineralized Quartz+Epidote+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ other calc-silicate minerals |
| | | | | | | | | | | | | | | | | | | | | | incipiently developed skarnoid |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irregular (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 57.7 | 202.0 | SPbh | | | | 5 | | | | tr | tr | | 1 | tr | tr | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 58.2 | 60 | | | | | | | | | | | | | | | | w/ 10-15% biotite rich laminae |
| | | | S1 | 63.7 | 50 | | | | | | | | | | | | | | | | PY in <vnlts, dissem in siliceous comp. laminae |
| | | | S1 | 68.2 | 60 | | | | | | | | | | | | | | | | loc chlorite alt'n of biotite laminae |
| | | | S1 | 75.7 | 47 | | | | | | | | | | | | | | | | loc sericite alt'n of biotite rich laminae |
| | | | S1 | 79.2 | 50 | | | | | | | | | | | | | | | | CP as fine specks in <vnlts |
| | | | S1 | 87.1 | 38 | | | | | | | | | | | | | | | | MO as specks in <vnlts w/ PY |
| | | | S1 | 92.7 | 54 | | | | | | | | | | | | | | | | PO as blebs |
| | | | S1 | 97.2 | 40 | | | | | | | | | | | | | | | | grades loc to quartz-muscovite phyllite |
| | | | S1 | 103.7 | 53 | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-15

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **57.7-202.0 cont'd** |
| | | | S1 | 110.6 | 45 | | | | | | | | | | | | | | | | 73.0-73.3: dk grey, non-magnetic monzonite w/ 5% finely dissem mafics and mafic |
| | | | S1 | 114.4 | 47 | | | | | | | | | | | | | | | | rich clots to 3X10mm; upper cnt sharp, irreg.; loweer cnt sharp, planar @ 61 |
| | | | S1 | 122.3 | 49 | | | | | | | | | | | | | | | | 90.5: siliceous band 20mm wide w/ 15% PY (vein?); x-cuts S1 fabric |
| | | | S1 | 128.2 | 45 | | | | | | | | | | | | | | | | 107.2-108.2: monzonite dyke w/ S1 conformable cnts @ 50 |
| | | | S1 | 134.0 | 57 | | | | | | | | | | | | | | | | 112.4-113.0: monzonite dyke w/ tr CP in <vnlts; upper cnt sharp, planar, S1 |
| | | | S1 | 139.5 | 54 | | | | | | | | | | | | | | | | conformable @ 44 deg; lower cnt sharp, planar, x-cuts S1 @ 45 deg. |
| | | | S1 | 144.0 | 65 | | | | | | | | | | | | | | | | 131.2: MO+carbonate+PY vnlt |
| | | | S1 | 149.9 | 65 | | | | | | | | | | | | | | | | 135.8: SL+Qtz vnlt |
| | | | FLT | 151.8 | 40 | | | | | | | | | | | | | | | | 136.6: SL+PY vnlt |
| | | | S1 | 156.9 | 56 | | | | | | | | | | | | | | | | 138.5: 2X MO+Qtz <vnlts |
| | | | S1 | 163.3 | 55 | | | | | | | | | | | | | | | | 149.6-150.6: 20% dk gy/blk bands of siliceous phyllite |
| | | | S1 | 169.1 | 65 | | | | | | | | | | | | | | | | 151.8-151.9: rubble and fault gouge |
| | | | S1 | 174.7 | 60 | | | | | | | | | | | | | | | | 152.6: Qtz+MO+PY vnlt |
| | | | S1 | 180.4 | 60 | | | | | | | | | | | | | | | | 154.5-155.6: no hornfels; dk grey/blk patches/bands of siliceous phyllite |
| | | | S1 | 185.9 | 53 | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | S1 | 191.7 | 45 | | | | | | | | | | | | | | | | |
| | | | S1 | 197.4 | 60 | | | | | | | | | | | | | | | | |
| | | | S1 | 201.8 | 57 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 202.0 | 215.0 | SP | | | | | | | | | | | 2 | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 207.6 | 48 | | | | | | | | | | | | | | | | (quartz+muscovite+/-biotite phyllite) |
| | | | S1 | 213.0 | 50 | | | | | | | | | | | | | | | | PY as patches, blebs, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 215.0 | 250.2 | SPbh | | | | 5 | tr | | | | | | 2 | tr | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 219.8 | 52 | | | | | | | | | | | | | | | | grades loc to dk grey Siliceous Phyllite |
| | | | S1 | 223.7 | 50 | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | S1 | 227.9 | 38 | | | | | | | | | | | | | | | | PO as blebs |
| | | | S1 | 235.5 | 30 | | | | | | | | | | | | | | | | 226.0-227.8: a few prograde skarn bands to 3cms |
| | | | S1 | 241.5 | 32 | | | | | | | | | | | | | | | | 249.2-250.2: incipient epidote+cpx prograde skarnoid w/ 5% PY; loc dk green/blk |
| | | | | | | | | | | | | | | | | | | | | | retrograde chlorite |
| | | | | | | | | | | | | | | | | | | | | | |
| 250.2 | 255.3 | SKp | | | | | 5 | tr | | | | | 2 | | | | | | | 0.5 | **Massive Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc. dk green/blk retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **250.2-255.3 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | MG as blebs |
| | | | | | | | | | | | | | | | | | | | | | loc red hematite on fractures |
| 255.3 | 278.6 | Md | | | | | | | | | tr | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | med grey; 7% mafics; med to coarse grained (2-5mm) |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems, rare vnlts/<vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc wkly megacrystic w/ 1% feldspar phenos to 8X10mm |
| | | | | | | | | | | | | | | | | | | | | | 255.3-255.9: chilled cnt |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg, chilled (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | selectively pervasive Chlorite alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, w/ 10cms chilled margin |
| 278.6 | 285.7 | SKrm | | | | | 1 | 4 | | | | | 2 | <1 | 1 | | | | | | **Weakly Mineralized Chlorite+Calcite+Epidote+Actinolite? Retrograde Skarn** |
| | | | CN | 285.7 | 20 | | | | | | | | | | | | | | | | w/ loc patches/bands ca-garnet+calcite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs/patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs (decreasing toward end of interval) |
| | | | | | | | | | | | | | | | | | | | | | PO as blebs |
| | | | | | | | | | | | | | | | | | | | | | Chlorite pseudomorphs after actinolite? |
| | | | | | | | | | | | | | | | | | | | | | 284.7-285.7: incipient skarn developing in a mafic tuff protolith |
| | | | | | | | | | | | | | | | | | | | | | (does the presence of actinolite in skarn indicate a mafic tuff protolith?) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar, S1 conformable |
| 285.7 | 290.8 | LS | | | | | | | 1 | | | | | | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | med to dk grey; wkly recrystallized |
| | | | | | | | | | | | | | | | | | | | | | unaltered; unmineralized |
| 290.8 | 291.7 | SKr? | | | | | 2? | 3? | | | | | 1 | <1 | | | | | | 1 | **Light Grey/Green Calcareous Rock** |
| | | | | | | | | | | | | | | | | | | | | | w/ patches of dark green chlorite+massive magnetite |
| | | | | | | | | | | | | | | | | | | | | | mafic tuff protolith? |
| | | | | | | | | | | | | | | | | | | | | | PY as small patches |
| | | | | | | | | | | | | | | | | | | | | | PO as blebs |
| 291.7 | 292.5 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 292.5 | 295.4 | SKrm | | | | | | 4 | | | | | 5 | 15 | 1 | | | | | 0.5 | **Mineralized Chlorite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | upper part of int. has remnant chlorite+calcite comp. layers |
| | | | | | | | | | | | | | | | | | | | | | mafic tuff protolith |
| | | | | | | | | | | | | | | | | | | | | | no remnant prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PO as large patches (granular masses) |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs |
| | | | | | | | | | | | | | | | | | | | | | MG as rare patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 295.4 | 321.9 | LS | | | | | tr | | 5 | | | | tr | tr | | | | | | tr | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc patches of ca-garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY/PO/MG in streaks parallel to S1 |
| | | | | | | | | | | | | | | | | | | | | | 295.4-296.6: 40% ca-garnet+calcite prograde skarn; 3% PY as coarse xtls |
| | | | | | | | | | | | | | | | | | | | | | 305.6-306.4: 60% ca-garnet+calcite prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 311.5: vn w/ CP+PO+SL |
| | | | | | | | | | | | | | | | | | | | | | 315.7-316.1: contorted and broken bands of mineralized mafic tuff w/ 7% PO |
| | | | | | | | | | | | | | | | | | | | | | patches and tr CP |
| | | | | | | | | | | | | | | | | | | | | | |
| 321.9 | 323.8 | SKpm | | | | | 4 | | 1 | | | | tr | 2 | 5 | <1 | | | | | **Mineralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | lt grey/green w/ brown garnet loc. (as @ 386.3 in LD02-09) |
| | | | | | | | | | | | | | | | | | | | | | 20% remnant patches of limestone |
| | | | | | | | | | | | | | | | | | | | | | 322.7-323.3: 30% massive CP+SL+PO |
| | | | | | | | | | | | | | | | | | | | | | 321.9-322.7: unmineralized |
| | | | | | | | | | | | | | | | | | | | | | |
| 323.8 | 324.2 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 324.2 | 331.4 | MT | | | | | 1 | | tr | | | | <1 | 1 | 0.1 | | | | | | **Mafic Tuff** |
| | | | S1 | 327.2 | 33 | | | | | | | | | | | | | | | | w/ 10-20% incipient ca-garnet prograde skarn loc |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs (1% 324.2-325.7) |
| | | | | | | | | | | | | | | | | | | | | | PY as xtline blebs |
| | | | | | | | | | | | | | | | | | | | | | PO as blebs |
| | | | | | | | | | | | | | | | | | | | | | interleved w/ limestone (ie gradational unit between LS and MT) |
| | | | | | | | | | | | | | | | | | | | | | |
| 331.4 | 349.9 | MT | | | | | | | <1 | | | | | | | | | | | | **Mafic Tuff** |
| | | | | | | | | | | | | | | | | | | | | | weakly foliated |

## Diamond Drill Log LD05-15

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **331.4-349.9 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | w/ 10% bands, patches (frags?) of limestone (either frags of limestone in mafic |
| | | | | | | | | | | | | | | | | | | | | | tuff or interleved limestone layers that have been pulled apart during deformation |
| | | | | | | | | | | | | | | | | | | | | | no alt'n; no mineralation |
| | | | | | | | | | | | | | | | | | | | | | |
| 349.9 | 352.4 | MT | | | | | 1 | | | | | | <1 | <1 | | | | | | | **Mafic Tuff** |
| | | | S1 | 352.0 | 50 | | | | | | | | | | | | | | | | w/ 25% ca-garnet+calcite prograde skarn as bands/patches |
| | | | | | | | | | | | | | | | | | | | | | as above 324.2-331.4 |
| | | | | | | | | | | | | | | | | | | | | | no limestone bands/patches (alt'ed to skarn?) |
| | | | | | | | | | | | | | | | | | | | | | PO as blebs in skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs in skarn |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg |
| | | | | | | | | | | | | | | | | | | | | | |
| 352.4 | 353.9 | LS | | | | | | | 4 | | | | tr | tr | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | **w/ band of calcareous phyllite near upper cnt** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc bands of calcareous chlorite phyllite (mafic tuff) |
| | | | | | | | | | | | | | | | | | | | | | PO/PY as specks in chlorite phyllite |
| | | | | | | | | | | | | | | | | | | | | | |
| 353.9 | 356.1 | CP | | | | | | | | | | | | | | | | | | | **Calcareous Phyllite** |
| | | | S1 | 355.8 | 58 | | | | | | | | | | | | | | | | dk grey/blk and lt grey laminated |
| | | | | | | | | | | | | | | | | | | | | | laminae are loc irreg (contorted) |
| | | | | | | | | | | | | | | | | | | | | | (rock may be transition between limestone and Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 356.1m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-15

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| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 3.5 | no sample | | | | | | | | |
| 323491 | 3.5 | 4.9 | split core | | 1.3 | 93 | 0.063 | 1.6 | 232 | 1745 | 330 |
| 323492 | 4.9 | 6.0 | split core | | 1.1 | 100 | 0.023 | 1.1 | 318 | 875 | 407 |
| 323493 | 6.0 | 7.6 | split core | | 1.6 | 100 | 0.128 | 0.5 | 108 | 413 | 66 |
| | 7.6 | 12.8 | no sample | | | | | | | | |
| 323494 | 12.8 | 14.3 | split core | | 1.4 | 93 | 0.121 | 2.0 | 515 | 1595 | 116 |
| 323495 | 14.3 | 15.3 | split core | | 1.0 | 100 | 0.014 | 0.7 | 128 | 474 | 54 |
| | 15.3 | 18.2 | no sample | | | | | | | | |
| 323496 | 18.2 | 19.6 | split core | | 1.4 | 100 | 0.043 | 0.9 | 122 | 1140 | 45 |
| 323497 | 19.6 | 21.0 | split core | | 1.4 | 100 | 0.036 | 0.7 | 32 | 953 | 73 |
| | 21.0 | 24.8 | no sample | | | | | | | | |
| 323498 | 24.8 | 25.7 | split core | | 0.9 | 100 | 0.715 | 2.8 | 3830 | 2670 | 126 |
| 323499 | 25.7 | 27.1 | split core | | 1.4 | 100 | 0.139 | 0.5 | 162 | 343 | 77 |
| 323500 | | | standard | | | | 1.045 | 2.6 | 14 | 11900 | 92 |
| 368701 | | | blank | | | | 0.002 | 0.1 | 1 | 123 | 47 |
| 368702 | 27.1 | 28.4 | split core | | 1.3 | 100 | 0.013 | 0.3 | 33 | 348 | 56 |
| 368703 | 28.4 | 29.8 | split core | | 1.4 | 100 | 0.008 | 0.2 | 2 | 202 | 39 |
| 368704 | 29.8 | 31.4 | split core | | 1.5 | 94 | 0.009 | 0.1 | 4 | 132 | 68 |
| 368705 | 31.4 | 34.1 | split core | | 2.7 | 100 | 0.157 | 0.3 | 102 | 120 | 34 |
| 368706 | 34.1 | 35.6 | split core | | 1.5 | 100 | 0.006 | 0.2 | 14 | 156 | 25 |
| | 35.6 | 56.8 | no sample | | | | | | | | |
| 368707 | 56.8 | 57.7 | split core | | 0.9 | 100 | 0.022 | 0.4 | 79 | 460 | 21 |
| | 57.7 | 248.7 | no sample | | | | | | | | |
| 368708 | 248.7 | 250.2 | split core | | 1.5 | 100 | 0.109 | 1.4 | 24 | 718 | 54 |
| 368709 | 250.2 | 251.7 | split core | | 1.5 | 100 | 0.009 | 0.1 | 138 | 9 | 20 |
| 368710 | 251.7 | 253.2 | split core | | 1.5 | 100 | 0.007 | 0.1 | 196 | 20 | 15 |
| 368711 | 253.2 | 254.2 | split core | | 1.0 | 100 | 0.048 | 0.1 | 355 | 27 | 25 |
| 368712 | 254.2 | 255.3 | split core | | 1.1 | 100 | 0.038 | 0.2 | 289 | 34 | 15 |
| | 255.3 | 278.6 | no sample | | | | | | | | |
| 368713 | 278.6 | 280.1 | split core | | 1.5 | 100 | 0.709 | 18.2 | 44 | 5910 | 130 |
| 368714 | 280.1 | 281.6 | split core | | 1.5 | 100 | 1.125 | 14.5 | 69 | 4600 | 128 |
| 368715 | 281.6 | 283.1 | split core | | 1.5 | 100 | 0.237 | 7.9 | 57 | 2440 | 90 |

# Assay Sample Log LD05-15

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 368716 | 283.1 | 284.6 | split core | | 1.5 | 100 | 0.241 | 12.4 | 43 | 3900 | 124 |
| 368717 | 284.6 | 285.7 | split core | | 1.1 | 100 | 0.134 | 4.6 | 805 | 1295 | 100 |
| | 285.7 | 290.8 | no sample | | | | | | | | |
| 368718 | 290.8 | 292.5 | split core | | 1.7 | 100 | 0.049 | 0.7 | 34 | 250 | 85 |
| 368719 | 292.5 | 294.0 | split core | | 1.5 | 100 | 0.398 | 5.7 | 57 | 2430 | 17200 |
| 368720 | | | standard | | | | 0.978 | 2.7 | 10 | 11900 | 104 |
| 368721 | | | blank | | | | 0.014 | 0.1 | 4 | 124 | 47 |
| 368722 | 294.0 | 295.4 | split core | | 1.4 | 100 | 0.058 | 5.3 | 24 | 2060 | 297 |
| 368723 | 295.4 | 296.9 | split core | | 1.5 | 100 | 0.113 | 0.7 | 75 | 29 | 64 |
| | 296.9 | 321.4 | no sample | | | | | | | | |
| 368724 | 321.4 | 322.7 | split core | | 1.3 | 100 | 0.021 | 0.4 | 38 | 134 | 82 |
| 368725 | 322.7 | 323.3 | split core | | 0.6 | 100 | 4.360 | 87.8 | 18 | 38200 | 4790 |
| 368726 | 323.3 | 324.2 | split core | | 0.9 | 100 | 0.032 | 0.2 | 9 | 106 | 131 |
| 368727 | 324.2 | 325.7 | split core | | 1.5 | 100 | 0.744 | 10.5 | 49 | 3470 | 336 |
| 368728 | 325.7 | 327.2 | split core | | 1.5 | 100 | 0.025 | 1.0 | 43 | 461 | 118 |
| 368729 | 327.2 | 328.7 | split core | | 1.5 | 100 | 0.054 | 1.4 | 48 | 554 | 71 |
| 368730 | 328.7 | 330.2 | split core | | 1.5 | 100 | 0.009 | 0.6 | 39 | 212 | 30 |
| 368731 | 330.2 | 331.4 | split core | | 1.2 | 100 | 0.009 | 0.5 | 43 | 205 | 33 |
| | 331.4 | 349.9 | no sample | | | | | | | | |
| 368732 | 349.9 | 352.4 | split core | | 2.5 | 100 | 0.009 | 0.1 | 38 | 37 | 46 |
| | 352.4 | 356.1 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 356.1m | | | | | | | | | | | |

# RQD Log  LD05-15

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 3.0 | | | 136.2 | | |
| 5.2 | 53 | 24 | 139.2 | 262 | 87 |
| 8.2 | 181 | 60 | 142.3 | 274 | 88 |
| 11.3 | 186 | 60 | 145.4 | 290 | 94 |
| 14.3 | 192 | 64 | 148.4 | 299 | 100 |
| 17.4 | 131 | 42 | 151.5 | 260 | 84 |
| 20.4 | 225 | 75 | 154.5 | 251 | 84 |
| 23.5 | 127 | 41 | 157.6 | 263 | 85 |
| 26.5 | 199 | 66 | 160.6 | 214 | 71 |
| 29.6 | 207 | 67 | 163.7 | 81 | 26 |
| 32.6 | 185 | 62 | 166.7 | 103 | 34 |
| 35.7 | 219 | 71 | 169.8 | 267 | 86 |
| 38.7 | 192 | 64 | 172.8 | 241 | 80 |
| 41.8 | 228 | 74 | 175.9 | 235 | 76 |
| 44.8 | 152 | 51 | 178.9 | 287 | 96 |
| 47.9 | 264 | 85 | 182.0 | 236 | 76 |
| 50.9 | 230 | 77 | 185.0 | 254 | 85 |
| 53.9 | 198 | 66 | 188.1 | 245 | 79 |
| 57.0 | 222 | 72 | 191.1 | 222 | 74 |
| 60.0 | 287 | 96 | 194.1 | 188 | 63 |
| 63.1 | 280 | 90 | 197.2 | 206 | 66 |
| 66.1 | 282 | 94 | 200.2 | 286 | 95 |
| 69.2 | 289 | 93 | 203.3 | 240 | 77 |
| 72.2 | 252 | 84 | 206.3 | 252 | 84 |
| 75.3 | 276 | 89 | 209.4 | 245 | 79 |
| 78.3 | 299 | 100 | 212.4 | 229 | 76 |
| 81.4 | 285 | 92 | 215.5 | 152 | 49 |
| 84.4 | 284 | 95 | 218.5 | 272 | 91 |
| 87.5 | 261 | 84 | 221.6 | 267 | 86 |
| 90.5 | 237 | 79 | 224.6 | 272 | 91 |
| 93.6 | 198 | 64 | 227.7 | 196 | 63 |
| 96.6 | 274 | 91 | 230.7 | 289 | 96 |
| 99.7 | 291 | 94 | 233.8 | 256 | 83 |
| 102.7 | 267 | 89 | 236.8 | 300 | 100 |
| 105.8 | 276 | 89 | 239.9 | 303 | 98 |
| 108.8 | 239 | 80 | 242.9 | 292 | 97 |
| 111.9 | 297 | 96 | 246.0 | 270 | 87 |
| 114.9 | 228 | 76 | 249.0 | 247 | 82 |
| 118.0 | 247 | 80 | 252.1 | 249 | 80 |
| 121.0 | 260 | 87 | 255.1 | 197 | 66 |
| 124.0 | 199 | 66 | 258.2 | 170 | 55 |
| 127.1 | 294 | 95 | 261.2 | 266 | 89 |
| 130.1 | 282 | 94 | 264.2 | 274 | 91 |
| 133.2 | 252 | 81 | 267.3 | 255 | 82 |
| 136.2 | 239 | 80 | 270.3 | 262 | 87 |

# RQD Log LD05-15

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 270.3 | | | | | |
| 273.4 | 282 | 91 | | | |
| 276.4 | 250 | 83 | | | |
| 279.5 | 265 | 85 | | | |
| 282.5 | 263 | 88 | | | |
| 285.6 | 295 | 95 | | | |
| 288.6 | 287 | 96 | | | |
| 291.7 | 211 | 68 | | | |
| 294.7 | 285 | 95 | | | |
| 297.8 | 307 | 99 | | | |
| 300.8 | 300 | 100 | | | |
| 303.9 | 291 | 94 | | | |
| 306.9 | 284 | 95 | | | |
| 310.0 | 272 | 88 | | | |
| 313.0 | 299 | 100 | | | |
| 316.1 | 283 | 91 | | | |
| 319.1 | 278 | 93 | | | |
| 322.2 | 288 | 93 | | | |
| 325.2 | 287 | 96 | | | |
| 328.3 | 290 | 94 | | | |
| 331.3 | 266 | 89 | | | |
| 334.3 | 275 | 92 | | | |
| 337.4 | 272 | 88 | | | |
| 340.4 | 286 | 95 | | | |
| 343.5 | 283 | 91 | | | |
| 346.5 | 264 | 88 | | | |
| 349.6 | 262 | 85 | | | |
| 352.6 | 263 | 88 | | | |
| 355.7 | 248 | 80 | | | |
| 356.1 | 32 | 80 | | | |
| | | | | | |
| EOH @ 356.1m | | | | | |

# Survey Log  LD05-16

**UTM Northing:** 6161955.4
**UTM Easting:** 346792.7
**Elevation:** 1355.9
**Length:** 94.5

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 50.0 | | -65 | |
| | | | | | | |
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# Diamond Drill Log LD05-16

Date: Logged By: DJH Page 1/ 1

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 33.5 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 33.5 | 35.7 | SPbh | | | | 5 | tr | | | | | | 3 | tr | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts, patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | red hematite as patches |
| | | | | | | | | | | | | | | | | | | | | | PO as blebs |
| | | | | | | | | | | | | | | | | | | | | | w/ <10% epidote atl'n (skarn?) |
| | | | | | | | | | | | | | | | | | | | | | |
| 35.7 | 90.8 | SPbh | | | | 4 | | | | tr | | | 2 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | FLT | 38.6 | 35 | | | | | | | | | | | | | | | | PY in <vnlts,vnlts, patches, blebs |
| | | | S1 | 39.8 | 28 | | | | | | | | | | | | | | | | grades loc to Siliceous Phyllite and Sericite Altered Siliceous Phyllite |
| | | | S1 | 48.2 | 20 | | | | | | | | | | | | | | | | w/ SPa proximal to PY vnlts |
| | | | S1 | 56.0 | 10 | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | S1 | 62.6 | 23 | | | | | | | | | | | | | | | | 38.6: 40mm fault gouge |
| | | | FLT | 63.4 | 10 | | | | | | | | | | | | | | | | 45.5-47.5: broken and rubbly w/ 10cms fault gouge at 45.5 |
| | | | S1 | 68.1 | 26 | | | | | | | | | | | | | | | | 49.2-54.7: broken and rubbly w/ lost core and minor fault gouge |
| | | | S1 | 73.9 | 15 | | | | | | | | | | | | | | | | 59.4-60.6: broken and rubbly w/ minor gouge |
| | | | S1 | 86.0 | 20 | | | | | | | | | | | | | | | | 63.0-63.1: rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 65.1-65.4: F2 fold couple (photo) |
| | | | | | | | | | | | | | | | | | | | | | 63.4: fault gouge and slickensides |
| | | | | | | | | | | | | | | | | | | | | | |
| 90.8 | 93.4 | SPa | | | | tr | | | | 5 | | | 2 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc remnant Biotite Hornfelsed Siliceous Phyllite patches |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 91.2-91.6: bxia zone |
| | | | | | | | | | | | | | | | | | | | | | 90.5-93.4: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 93.4 | 94.5 | FT | | | | | | | | | | | | | | | | | | | **Fault Zone** |
| | | | | | | | | | | | | | | | | | | | | | sand and clay gouge |
| | | | | | | | | | | | | | | | | | | | | | Sericite Altered Siliceous Phyllite ? |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 94.5m | | | | | | | | | | | | | | | | | | | | | note : hole abandoned due to ground conditions |
| | | | | | | | | | | | | | | | | | | | | | |
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# Assay Sample Log LD05-16

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 94.5 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 94.5m | | | | | | | | | | | |

# RQD Log  LD05-16

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 33.5 | | | | | |
| 35.7 | 38 | 17 | | | |
| 38.7 | 187 | 62 | | | |
| 41.8 | 242 | 78 | | | |
| 44.8 | 184 | 61 | | | |
| 47.9 | 90 | 29 | | | |
| 50.9 | 42 | 14 | | | |
| 53.9 | 0 | 0 | | | |
| 57.0 | 96 | 31 | | | |
| 60.0 | 164 | 55 | | | |
| 63.1 | 162 | 52 | | | |
| 66.1 | 263 | 88 | | | |
| 69.2 | 268 | 86 | | | |
| 72.2 | 187 | 62 | | | |
| 75.3 | 198 | 64 | | | |
| 78.3 | 266 | 89 | | | |
| 81.4 | 203 | 65 | | | |
| 84.4 | 219 | 73 | | | |
| 87.5 | 244 | 79 | | | |
| 90.5 | 155 | 52 | | | |
| 93.6 | 0 | 0 | | | |
| 94.4 | 0 | 0 | | | |
| | | | | | |
| EOL @ 94.4m | | | | | |
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# Survey Log  LD05-17

| | |
|---|---|
| **UTM Northing:** | 6161892.500 |
| **UTM Easting:** | 346837.400 |
| **Elevation:** | 1364.900 |
| **Length:** | 410.0 |

| Depth (ft) | Depth (m) | Azimuth | Corrected Az. | Inclination | Dip | Magnetic |
|---|---|---|---|---|---|---|
| 0 | 0 | | 50.0 | | -60.00 | |
| 147 | 44.8 | 33 | 55.0 | | -61.30 | 5786 |
| 347 | 105.8 | 35.3 | 57.3 | | -60.80 | 5809 |
| 547 | 166.7 | 37.3 | 59.3 | | -60.60 | 5819 |
| 747 | 227.7 | 38.9 | 60.9 | | -60.20 | 5794 |
| 947 | 288.6 | 38.9 | 60.9 | | -59.60 | 5752 |
| 1147 | 349.6 | 47.9 | 69.9 | | -59.50 | 5789 |
| 1345 | 409.9 | 46.3 | 68.3 | | -59.50 | 5798 |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

**Diamond Drill Log** **LD05-17**

Date: Logged By: DJH Page 1/ 12

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 0.0 | 16.5 | OB | | | | | | | | | | | | | | | | | | | **Overburden** |
| | | | | | | | | | | | | | | | | | | | | | triconed - no core |
| | | | | | | | | | | | | | | | | | | | | | |
| 16.5 | 28.0 | Dd | | | | | | | | | 1 | | 2 | | | | | | | | **Diorite Dyke** |
| | | | FLT | 21.0 | 45 | | | | | | | | | | | | | | | | equigranular; non-magnetic; fine-med grained |
| | | | | | | | | | | | | | | | | | | | | | selectively pervasive chlorite alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | xenoliths of phyllite over last 4m of interval (ie stoped cnt) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational (ie assimilated) |
| | | | | | | | | | | | | | | | | | | | | | |
| 28.0 | 34.7 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 29.7 | 47 | | | | | | | | | | | | | | | | PY in patches, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | Qtz in vnlts (<1%) |
| | | | | | | | | | | | | | | | | | | | | | tr MO in vnlts w/ Qtz |
| | | | | | | | | | | | | | | | | | | | | | 34.4-34.7: bxia w/ frags of Biotite Hornfelsed Siliceous Phyllite and Monzonite |
| | | | | | | | | | | | | | | | | | | | | | |
| 34.7 | 59.8 | Mpd | | | | | | | | tr | tr | | 2 | | | | | | | | **Megacrystic Monzonite Dyke** |
| | | | FLT | 46.9 | 20 | | | | | | | | | | | | | | | | med-coarse grained; 3% feldspar phenocrysts to 8X10mm |
| | | | FLT | 50.4 | 42 | | | | | | | | | | | | | | | | 3% mafic |
| | | | | | | | | | | | | | | | | | | | | | wk selective Ser alt'n of feldspar |
| | | | | | | | | | | | | | | | | | | | | | selectively pervasive Chlorite alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs, <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | 35.9: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 41.7-41.8: broken and rubbly w/ minor fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 45.8: Qtz+MO vnlt |
| | | | | | | | | | | | | | | | | | | | | | 46.9: 2mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 48.6-48.8: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 49.0: 10mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 50.4: 20mm fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 58.1-59.8: chilled margin w/ Qtz+MO+PY vnlts |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 59.8 | 108.2 | SPbh | | | | 5 | | | | | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 63.9 | 40 | | | | | | | | | | | | | | | | PY in <vnlts, blebs, rare vns |
| | | | S1 | 70.6 | 47 | | | | | | | | | | | | | | | | Biotite rich laminae loc. contorted |
| | | | S1 | 74.4 | 50 | | | | | | | | | | | | | | | | 64.4-64.6: 3X MO in <vnlts |

# Diamond Drill Log LD05-17

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **59.8-108.2 cont'd** |
| | | | S1 | 79.8 | 28 | | | | | | | | | | | | | | | | 66.3-66.8: 2X MO in <vnlts |
| | | | CN | 90.0 | 40 | | | | | | | | | | | | | | | | 79.9: MO <vnlt |
| | | | S1 | 96.1 | 55 | | | | | | | | | | | | | | | | 83.3-83.5: monzonite dyklet |
| | | | S1 | 103.5 | 50 | | | | | | | | | | | | | | | | 84.4-84.5: monzonite dyklet |
| | | | S1 | 107.1 | 64 | | | | | | | | | | | | | | | | 84.8-85.0: monzonite dyklet |
| | | | | | | | | | | | | | | | | | | | | | 87.5: MO in Qtz+Carbonate vnlt |
| | | | | | | | | | | | | | | | | | | | | | 89.4-90.0: Monzonite Dyke w/ lower cnt sharp, planar; upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | 103.0-103.2: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 105.0: 30mm monzonite dyklet |
| | | | | | | | | | | | | | | | | | | | | | 105.8-106.1: monzonite dyklet w/ Siliceous Phyllite xenoliths |
| | | | | | | | | | | | | | | | | | | | | | |
| 108.2 | 109.2 | Md | | | | | | | | tr | tr | | 2 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 108.2 | 40 | | | | | | | | | | | | | | | | wk selective Ser alt'n of feldspar |
| | | | CN | 109.2 | 40 | | | | | | | | | | | | | | | | selectively pervasive chlorite alt'n of mafics (5%) |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 109.2 | 111.0 | SPbh | | | | 4 | | | | 1 | | | 1 | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 111.0 | 113.0 | SPa | | | | 1 | | | | 4 | | | 2 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Biotite Hornfelsed Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 113.0 | 117.3 | Mpd | | | | | | | | tr | tr | | tr | | | | | | | | **Megacrystic Monzonite Dyke** |
| | | | CN | 113.0 | 53 | | | | | | | | | | | | | | | | wk saussurite alt'n of plag |
| | | | FB | 117.2 | 58 | | | | | | | | | | | | | | | | wk selective Chlorite alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | wk argillic alt'n |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar, w/ chilled margin to 113.8 |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp (no attitude due to broken core); 5cms chilled margin w/ flow banding |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-17

Date: Logged By: DJH Page 3/ 12

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 117.3 | 129.4 | SPbh | | | | 5 | | | | tr | | | | | | | | | | | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 124.0 | 50 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite near 117.3 |
| | | | | | | | | | | | | | | | | | | | | | 119.8: 50mm rubble w/o fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 121.0: 50mm rubble w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 122.0-122.1: monzonite dyklet |
| | | | | | | | | | | | | | | | | | | | | | |
| 129.4 | 132.8 | SKp | | | | | 5 | tr | | | | | 2 | | | | | | | tr | **Ca-Garnet+Epidote+Cpx Prograde Skarn** |
| | | | S1 | 131.5 | 52 | | | | | | | | | | | | | | | | grades loc to retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | fine grained, lt brown garnets |
| | | | | | | | | | | | | | | | | | | | | | loc. mineralized w/ PY in vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | massive to loc wkly laminated |
| | | | | | | | | | | | | | | | | | | | | | MG in loc xtline patches |
| | | | | | | | | | | | | | | | | | | | | | 131.1: Qtz+PY+hematite vn 25mm wide |
| | | | | | | | | | | | | | | | | | | | | | |
| 132.8 | 135.4 | Mpd | | | | | | | | | | | <1 | | | | | | | | **Weakly Megacrystic Monzonite Dyke** |
| | | | CN | 132.8 | 57 | | | | | | | | | | | | | | | | v. wk selective saussurite alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | no visible mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts, dissems |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | 134.7-135.4: broken w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 135.4 | 138.5 | SKrm | | | | | 1 | 4 | | | | 1 | 5 | | 1 | | | | | | **Weakly Mineralized Chlorite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | 10% dk green/blk chlortie |
| | | | | | | | | | | | | | | | | | | | | | PY in vns, vnlts, <vnlts, patches |
| | | | | | | | | | | | | | | | | | | | | | CP as large patch at 137.7 |
| | | | | | | | | | | | | | | | | | | | | | 10% fine silica flooding in patches |
| | | | | | | | | | | | | | | | | | | | | | |
| 138.5 | 139.7 | SKp? | | | | | ? | | | | | | 3 | | | | | | | | **Calc-Silicate Hornfels? Retrograde Skarn?** |
| | | | | | | | | | | | | | | | | | | | | | v. unusual rock |
| | | | | | | | | | | | | | | | | | | | | | pale pink/green mottled; v fine grained; calcareous patches |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs |
| | | | | | | | | | | | | | | | | | | | | | no visible garnets |
| | | | | | | | | | | | | | | | | | | | | | contact metamorphic rx? protolith? |
| | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-17

Date: Logged By: DJH Page 4/ 12

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 139.7 | 157.6 | SKp | | | | | 4 | 1 | | | | | 1 | | | | | | | | **Ca-Garnet+Calcite+Epidote Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to retrograde skarn w/ patches of dk green/blk chlortie & epidote |
| | | | | | | | | | | | | | | | | | | | | | numerous Qtz vns, vnlts, patches (locally chalcedonic) |
| | | | | | | | | | | | | | | | | | | | | | pale green-lt red brown mottled |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, rare vns w/ Qtz |
| | | | | | | | | | | | | | | | | | | | | | 0.5% specularite as xtline plates |
| | | | | | | | | | | | | | | | | | | | | | nice chalcedonic vn @ 145.6 |
| | | | | | | | | | | | | | | | | | | | | | retrograde alt'n becoming stronger toward end of interval w/ PY increasing to 5% |
| | | | | | | | | | | | | | | | | | | | | | (ie gradational lower cnt) |
| | | | | | | | | | | | | | | | | | | | | | |
| 157.6 | 163.5 | SKrm-MS | | | | | 1 | 4 | | | | | 50 | | 1 | | | | | | **Mineralized Chlorite+Calcite+Quartz+Pyrite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to siliceous massive pyrite |
| | | | | | | | | | | | | | | | | | | | | | loc remnant patches of Ca-garnet prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY as coarse xtline patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs |
| | | | | | | | | | | | | | | | | | | | | | <1% unknown grey sulphide mineral |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 163.5 | 169.9 | SKpm | | | | | 4 | 1 | | | | | 7 | | | | | | | | **Weakly Mineralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | grades loc to dk green/blk chlorite retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, <vnlts, vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc vns w/ PY+Qtz |
| | | | | | | | | | | | | | | | | | | | | | lt brown/yellow mottled |
| | | | | | | | | | | | | | | | | | | | | | loc lt green patches (alt'n or protolith) |
| | | | | | | | | | | | | | | | | | | | | | 168.8-169.9: red hematite on fractures |
| | | | | | | | | | | | | | | | | | | | | | |
| 169.9 | 172.3 | Md | | | | | | | | tr | tr | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | med grey; wkly megacrystic; 5% mafics |
| | | | | | | | | | | | | | | | | | | | | | selective Chlorite alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | wk selective saussurite alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | PY as dissem, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | 171.4-171.8: prograde skarn w/ sharp, irreg cnts (endoskarn?) |
| | | | | | | | | | | | | | | | | | | | | | |
| 172.3 | 184.1 | SKp | | | | | 5 | tr | | | | | 2 | | | | | | | | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ minor patches of dk green/blk chlorite retrograde alt'n |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **172.3-184.1 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | numerous grey Qtz vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 184.1 | 203.0 | Md | | | | | | | | 1 | tr | | 1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 184.1 | 30 | | | | | | | | | | | | | | | | med green; med grained; non-magnetic; 5% mafics |
| | | | | | | | | | | | | | | | | | | | | | selectively pervasive chlorite alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | selectively pervasive suassurite alt'n of plag |
| | | | | | | | | | | | | | | | | | | | | | <1% euhedral to subhedral feldspar phenos to 8X10mm |
| | | | | | | | | | | | | | | | | | | | | | locally "bleached" |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | * loc patches w/o saussurite |
| | | | | | | | | | | | | | | | | | | | | | |
| 203.0 | 214.8 | SKp | | | | | 5 | tr | | | | | 3 | | tr | | | | | tr | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 5% dk green/blk chlorite retrograde patches |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, <vnlts, vnlts w/ Qtz |
| | | | | | | | | | | | | | | | | | | | | | 214.6-214.8: patches MG+PY+CP+Qtz |
| | | | | | | | | | | | | | | | | | | | | | |
| 214.8 | 218.3 | Md | | | | | | | | tr | tr | | <1 | | | | | | | | **Monzonite Dyke** |
| | | | | | | | | | | | | | | | | | | | | | as above 184.1-203.0 |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | tr ca-garnet belbs near lower cnt |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | |
| 218.3 | 225.9 | SKp | | | | | 5 | tr | | | | tr | 2 | | | | | | | | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ tr dk green/blk chlorite retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | grades loc to SKrm w/ PY |
| | | | | | | | | | | | | | | | | | | | | | Qtz in sheeted vnlts @ 44 deg |
| | | | | | | | | | | | | | | | | | | | | | local patches of chalcedonic silica |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | |
| 225.9 | 227.9 | Md | | | | | | | | | tr | | <1 | | | | | | | | **Monzonite Dyke** |
| | | | CN | 225.9 | 66 | | | | | | | | | | | | | | | | med-lt green; non-magnetic; fine-med grained; 2% mafics |
| | | | CN | 227.9 | 43 | | | | | | | | | | | | | | | | selectively pervasive chlorite alt'n of mafics |
| | | | | | | | | | | | | | | | | | | | | | PY in dissem, <vnlts |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **225.9-227.9 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | cnts sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 227.9 | 236.1 | SKp | | | | | 5 | tr | | | | tr | 3 | | | | | | | | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc bands/patches dk green/blk chlorite retrograde |
| | | | | | | | | | | | | | | | | | | | | | Qtz+PY sheeted vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc silica patches |
| | | | | | | | | | | | | | | | | | | | | | loc red hematite in <vnlts |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, vnlts, <vnlts, rare vns |
| | | | | | | | | | | | | | | | | | | | | | |
| 236.1 | 237.6 | SKrm | | | | | 1 | 4 | | | | | 7 | | | | | | | | **Weakly MIneralized Chlorite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc bands/patches of prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, vns, vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt not observed (broken and rubbly w/ slickensides) |
| | | | | | | | | | | | | | | | | | | | | | 236.1-236.5: bxia zone |
| | | | | | | | | | | | | | | | | | | | | | |
| 237.6 | 248.1 | SPbh | | | | 5 | tr? | tr? | | tr | | | <1 | | | | | | | tr | **Biotite Hornfelsed Siliceous Phyllite** |
| | | | S1 | 239.1 | 45 | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | S1 | 242.8 | 35 | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | 242.5-242.7: Qtz+PY+Calcite+Epidote+Chlorite+MG band (S1 conformable) |
| | | | | | | | | | | | | | | | | | | | | | 243.1-243.4: Qtz+PY+Calcite+Epidote+Chlorite+MG band (S1 conformable) |
| | | | | | | | | | | | | | | | | | | | | | |
| 248.1 | 255.5 | SPbh-SKp | | | | 3 | 2 | tr | | | | | 5 | | | | | | | 2 | **Mixed Interval w/ Biotite Hornfelsed Siliceous Phyllite and Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | variably mineralized |
| | | | | | | | | | | | | | | | | | | | | | transition zone from Biotite Hornfelsed Siliceous Phyllite to Prograde Skarn |
| | | | | | | | | | | | | | | | | | | | | | w/ bands/patches of skarnoid or possible interleved SPbh and Limestone w/ skarn |
| | | | | | | | | | | | | | | | | | | | | | alt'n of limestone |
| | | | | | | | | | | | | | | | | | | | | | prograde assem is ca-garnet+calcite+epidote+quartz w/ patches of MG+PY+ |
| | | | | | | | | | | | | | | | | | | | | | dk green/blk chlorite retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | loc remnant patches of Biotite Hornfelsed Siliceous Phyllite w/ x-cutting skarn |
| | | | | | | | | | | | | | | | | | | | | | and incipient skarn w/ relict compositional layering indicating SPbh protolith |
| | | | | | | | | | | | | | | | | | | | | | PY as patches in prograde and retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | MG as blebs in prograde and retrograde skarn |
| | | | | | | | | | | | | | | | | | | | | | cnts between SPbh and skarn are gradational |
| | | | | | | | | | | | | | | | | | | | | | some skarn bands are structurally controlled |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 255.5 | 292.7 | SKp | | | | | 5 | tr | | | | tr | <1 | | tr | | | | | <1 | **Ca-Garnet +Calcite Prograde Skarn** |
| | | | CL | 255.7 | 38 | | | | | | | | | | | | | | | | w/ pale green, variably calcareous patches (retrograde?) |
| | | | | | | | | | | | | | | | | | | | | | MG as blebs (5-10% 262.4-269.0) |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP as rare patches (265.9, 266.4, 270.4) |
| | | | | | | | | | | | | | | | | | | | | | specularite as rare xtline plates |
| | | | | | | | | | | | | | | | | | | | | | rare patches silica (replacement or alt'n) |
| | | | | | | | | | | | | | | | | | | | | | 255.5-256.1: remnant comp layering; patches of Chlorite+Magnetite retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | 257.4-257.7: PY+MG in skarn bxia |
| | | | | | | | | | | | | | | | | | | | | | 257.8-258.5: Monzonite Dyke w/ brecciated host rocks at cnts |
| | | | | | | | | | | | | | | | | | | | | | 265.1-267.3: retrograde skarn alt'n |
| | | | | | | | | | | | | | | | | | | | | | (note: CL structure = compositional layering (S0 parallel to S1) |
| | | | | | | | | | | | | | | | | | | | | | |
| 292.7 | 295.3 | SKr | | | | | tr | 5 | | | | | 2 | | | | | | | | **Chlorite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | <10% prograde skarn remnants |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | upper cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | 295.3: Qtz+PY vns |
| | | | | | | | | | | | | | | | | | | | | | |
| 295.3 | 308.6 | SKp | | | | | 5 | tr | | | | | 2 | | | | | | | | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 2% dk green/blk cchlorite retrograde patches |
| | | | | | | | | | | | | | | | | | | | | | grades loc to SKpm (PY) |
| | | | | | | | | | | | | | | | | | | | | | non-magnetic |
| | | | | | | | | | | | | | | | | | | | | | PY in patches, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | loc specularite as xtline patches to 10mm |
| | | | | | | | | | | | | | | | | | | | | | loc patches of pale green/grey, calcareous rx (retrograde assem.?) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 308.6 | 311.2 | SKrm | | | | | 1 | 4 | | | | | 1 | | 1 | | | | | | **Mineralized Chlorite+Calcite+Tremolite/Actinolite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | chlorite pseudomorphs after garnet |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs |
| | | | | | | | | | | | | | | | | | | | | | local prograde skarn remnant patches |
| | | | | | | | | | | | | | | | | | | | | | 309.4-309.8: ca-garnet+Cpx prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | |

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| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 311.2 | 315.9 | MTm | | | | | 1 | | | | | | 1 | | 2 | | | | | | **Mineralized Mafic Tuff?** |
| | | | S1 | 313.6 | 42 | | | | | | | | | | | | | | | | w/ loc incipient Epidote+Ca-Garnet+Calcite Prograde Skarn |
| | | | | | | | | | | | | | | | | | | | | | wkly foliated w/ 20% bands of garnet and large patches of Epidote (prograde skarn |
| | | | | | | | | | | | | | | | | | | | | | "bands" could be altered limestone frags) |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs, dissems, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs, dissems |
| | | | | | | | | | | | | | | | | | | | | | lower cnt fairly sharp (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 315.9 | 340.3 | SKp | | | | | 5 | tr | | | | | 1 | | | | | | | tr | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | S1 | 321.5 | 70 | | | | | | | | | | | | | | | | yellow garnet |
| | | | | | | | | | | | | | | | | | | | | | loc patches dk green/blk chlorite retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | minor bxia |
| | | | | | | | | | | | | | | | | | | | | | PY as patches |
| | | | | | | | | | | | | | | | | | | | | | loc patches of chalcedonic silica |
| | | | | | | | | | | | | | | | | | | | | | loc pale green/grey calcareous bands/patches |
| | | | | | | | | | | | | | | | | | | | | | loc bands SKpm (PY) |
| | | | | | | | | | | | | | | | | | | | | | tr specularite as xtline blebs |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | 319.9-320.1: bxia w/ skarn and PY frags |
| | | | | | | | | | | | | | | | | | | | | | 321.5-321.8: incipient skarn developed in mafic tuff w/ bands of S1 conformable |
| | | | | | | | | | | | | | | | | | | | | | ca-garnet |
| | | | | | | | | | | | | | | | | | | | | | 340.2-340.3: CP patches w/ MG pseoudomorphs after specularite |
| | | | | | | | | | | | | | | | | | | | | | |
| 340.3 | 343.7 | SKp | | | | | 5 | tr | tr | | | | <1 | | | | | | | | **Ca-Garnet +Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | lt brown garnet |
| | | | | | | | | | | | | | | | | | | | | | remnant patches of limestone |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs |
| | | | | | | | | | | | | | | | | | | | | | <5% patches of dk green/blk retrograde chlorite |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 343.7 | 347.6 | SKpm | | | | | 5 | tr | | | | | <1 | | 3 | | | | | | **Mineralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | CP in patches/blebs |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs |
| | | | | | | | | | | | | | | | | | | | | | loc argillic alt'n |
| | | | | | | | | | | | | | | | | | | | | | loc patches of dk green/blk retrograde chlorite alt'n |
| | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 347.6 | 350.2 | SKrm | | | | | tr | 5 | | | | | 7 | 3 | 3 | | | | | 10 | **Mineralized Chlorite+Calcite+Magnetite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ <5% prograde skarn remnants |
| | | | | | | | | | | | | | | | | | | | | | PY in blebs, patches |
| | | | | | | | | | | | | | | | | | | | | | 349.5-349.6: PO patch |
| | | | | | | | | | | | | | | | | | | | | | 349.6-350.0: massive MG w/ CP+PY |
| | | | | | | | | | | | | | | | | | | | | | |
| 350.2 | 352.9 | MS-LS | | | | | | | 4 | | | 1 | 20 | | 3 | | | | | | **Massive Pyrite Relacement of Limestone** |
| | | | | | | | | | | | | | | | | | | | | | PY as coarse cubes in patches |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs |
| | | | | | | | | | | | | | | | | | | | | | 5% marcasite? in fine grained patches |
| | | | | | | | | | | | | | | | | | | | | | no skarn minerals observed |
| | | | | | | | | | | | | | | | | | | | | | limestone locally silicified |
| | | | | | | | | | | | | | | | | | | | | | upper cnt fairly sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 352.9 | 353.9 | FeOx | | | | | | | | | | | 10 | | | | | | | 70 | **Massive Magnetite** |
| | | | | | | | | | | | | | | | | | | | | | w/ 10% calcite, 10% PY, 10% marcasite? |
| | | | | | | | | | | | | | | | | | | | | | prograde skarn patch at upper cnt (30mm) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | |
| 353.9 | 354.8 | SKrm | | | | | 1 | 4 | | | | | 7 | | 1 | | | | | | **Mineralized Chlorite+Calcite Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | w/ loc patches prograde skarn remnants |
| | | | | | | | | | | | | | | | | | | | | | CP as fine blebs |
| | | | | | | | | | | | | | | | | | | | | | |
| 354.8 | 356.0 | SKpm | | | | | 5 | tr | | | | | 7 | | 1 | | | | | | **Mineralized Ca-Garnet +Calcite+Diopside Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ 5% dk green/blk chlorite+PY retrograde alt'n patches |
| | | | | | | | | | | | | | | | | | | | | | PY as coarse cubes in retrograde patcdhes |
| | | | | | | | | | | | | | | | | | | | | | 355.8-356.0: white calcite+PY+CP band (vein?) |
| | | | | | | | | | | | | | | | | | | | | | |
| 356.0 | 357.5 | SPa | | | | | 2 | | | 3 | | | <1 | | | | | | | | **Sericite Altered Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | 356.6-357.2: prograde skarn band w/ sharp, irreg cnts |

## Diamond Drill Log LD05-17

Date: Logged By: DJH 

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | | |
| 357.5 | 359.3 | SKpm | | | | | 5 | tr | | | | | 1 | | 1 | | | | | | | **Weakly Mineralized Ca-Garnet+Cpx+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | | CP as blebs, loc patches |
| | | | | | | | | | | | | | | | | | | | | | | <5% retrograde chlorite alt'n patches |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | | |
| 359.3 | 360.2 | SKr | | | | | 1 | 4 | | | | | 1 | | | | | | | | | **Chlorite+Calcite+Clay Retrograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | | w/ loc remnant Ca-garnet prograde skarn patches |
| | | | | | | | | | | | | | | | | | | | | | | PY as blebs |
| | | | | | | | | | | | | | | | | | | | | | | dk green chlorite alt'n selvages on calcite vnlt |
| | | | | | | | | | | | | | | | | | | | | | | |
| 360.2 | 361.2 | VN? | | | | | | | | | | | 15 | | | | | | | | | **Quartz+Calcite+Pyrite Vein?** |
| | | | CN | 361.2 | 40 | | | | | | | | | | | | | | | | | PY as coarse cubes |
| | | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, plamar |
| | | | | | | | | | | | | | | | | | | | | | | |
| 361.2 | 363.8 | LS | | | | | | | 5 | | | | | | | | | | | | | **Limestone** |
| | | | | | | | | | | | | | | | | | | | | | | no mineralization; no alt'n |
| | | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | | |
| 363.8 | 369.2 | SP | | | | | | | | | | | <1 | | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 366.1 | 21 | | | | | | | | | | | | | | | | | dk grey phyllite w/ lt grey siliceous comp laminae broken and flattened |
| | | | | | | | | | | | | | | | | | | | | | | PY in vnlts, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | | 365.1-365.5: prograde skarn x-cutting S1 (photo) |
| | | | | | | | | | | | | | | | | | | | | | | |
| 369.2 | 370.4 | SKp | | | | | 5 | | | | | | <1 | | tr | | | | | | | **Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | | PY in blebs |
| | | | | | | | | | | | | | | | | | | | | | | no retrograde alt'n |
| | | | | | | | | | | | | | | | | | | | | | | CP in fine blebs |
| | | | | | | | | | | | | | | | | | | | | | | cnts sharp, irreg (no attitudes) |
| | | | | | | | | | | | | | | | | | | | | | | |
| 370.4 | 372.7 | SP | | | | | | | | | | | <1 | | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 372.4 | 27 | | | | | | | | | | | | | | | | | dk grey/blk w/ lt grey broken and flattened siliceous laminae |
| | | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, dissem cubes |
| | | | | | | | | | | | | | | | | | | | | | | 371.4-372.1: broken w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | | |

# Diamond Drill Log LD05-17

Date: Logged By: DJH Page 11/ 12

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| 372.7 | 376.2 | SKpm | | | | | 5 | tr | | | | | 10 | | 12 | | | | | | **Strongly MIneralized Ca-Garnet Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc remnant laminae (mafic tuff of Siliceous Phyllite protolith) |
| | | | | | | | | | | | | | | | | | | | | | <5% dk green/blk retrograde chhlorite patches |
| | | | | | | | | | | | | | | | | | | | | | PY as fine grained patches, coarse cubes |
| | | | | | | | | | | | | | | | | | | | | | CP as blebs interstitial to garnet xtls |
| | | | | | | | | | | | | | | | | | | | | | upper cnt sharp, irreg (no attitude) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational |
| | | | | | | | | | | | | | | | | | | | | | |
| 376.2 | 381.2 | SKpm | | | | tr | 4 | 1 | | | | | 2 | | 3 | | | | | | **Mineralized Ca-Garnet+Calcite Prograde Skarn** |
| | | | | | | | | | | | | | | | | | | | | | w/ loc Siliceous Phyllite bands |
| | | | | | | | | | | | | | | | | | | | | | PY as patches, blebs |
| | | | | | | | | | | | | | | | | | | | | | CP as patches, blebs, interstitial to garnet xtls |
| | | | | | | | | | | | | | | | | | | | | | loc well laminated |
| | | | | | | | | | | | | | | | | | | | | | 10% dk green/blk retrograde chlortite alt'n patches |
| | | | | | | | | | | | | | | | | | | | | | 376.2-376.3: remnant Siliceous Phyllite patch |
| | | | | | | | | | | | | | | | | | | | | | 378.0-378.1: remnant Siliceous Phyllite band |
| | | | | | | | | | | | | | | | | | | | | | Siliceous Phyllite protolith? (also possibly mafic tuff interleved w/ Siliceous Phyllite) |
| | | | | | | | | | | | | | | | | | | | | | |
| 381.2 | 385.7 | SP | | | | | tr | | | tr | | | <1 | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 381.4 | 30 | | | | | | | | | | | | | | | | dk grey; well laminated parallel to S1 |
| | | | | | | | | | | | | | | | | | | | | | PY in vnlts, dissems |
| | | | | | | | | | | | | | | | | | | | | | grades loc to Sericite Altered Siliceous Phyllite |
| | | | | | | | | | | | | | | | | | | | | | 381.7-381.8: prograde skarn patch |
| | | | | | | | | | | | | | | | | | | | | | 381.9-382.8: rubbly and broken core w/o gouge; loc lost core |
| | | | | | | | | | | | | | | | | | | | | | 382.8-383.1: calcareous chlorite phyllite (mafic tuff) |
| | | | | | | | | | | | | | | | | | | | | | 383.3-383.7: healed bxia |
| | | | | | | | | | | | | | | | | | | | | | 384.4-385.7: lost core and rubble w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| 385.7 | 388.0 | MT? | | | | | 1 | | | | | | tr | | | | | | | | **Calcareous Chlorite Phyllite** |
| | | | S1 | 386.5 | 16 | | | | | | | | | | | | | | | | w/ loc incipient prograde skarn developed |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed (sheared) |
| | | | | | | | | | | | | | | | | | | | | | lower cnt gradational (interleved) |
| | | | | | | | | | | | | | | | | | | | | | |
| 388.0 | 390.3 | SP | | | | | tr | | | | | | tr | | | | | | | | **Siliceous Phyllite** |
| | | | | | | | | | | | | | | | | | | | | | dk grey/blk, laminated, w/ lt grey siliceous laminae broken and flattened // to S1 |

**Diamond Drill Log** **LD05-17**

Date: Logged By: DJH Page 12/12

| From | To | Rock | Struct | @ | CA | Alteration | | | | | | | Mineralization | | | | | | | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hfs | SKp | SKr | Mar | Ser | Chl | Qtz | PY | PO | CP | SL | GL | AS | BN | MG | |
| | | | | | | | | | | | | | | | | | | | | | **388.0-390.3 cont'd** |
| | | | | | | | | | | | | | | | | | | | | | PY as dissems, blebs, <vnlts |
| | | | | | | | | | | | | | | | | | | | | | 388.7-389.2: calcareous chlorite phyllite (mafic tuff) w/ incipient prograde skarn dev.; |
| | | | | | | | | | | | | | | | | | | | | | skarn band has sharp, irreg, broken cnts |
| | | | | | | | | | | | | | | | | | | | | | |
| 390.3 | 400.1 | LS | | | | | | | 5 | | | | | | | | | | | | **Limestone** |
| | | | CN | 400.1 | 40 | | | | | | | | | | | | | | | | dk grey w/ wk black carbonaceous laminae // S1 |
| | | | | | | | | | | | | | | | | | | | | | no mineralization |
| | | | | | | | | | | | | | | | | | | | | | upper cnt not observed |
| | | | | | | | | | | | | | | | | | | | | | lower cnt sharp, planar |
| | | | | | | | | | | | | | | | | | | | | | |
| 400.1 | 410.0 | SP | | | | | | | | | | | <1 | | | | | | | | **Siliceous Phyllite** |
| | | | S1 | 407.0 | 25 | | | | | | | | | | | | | | | | dark grey w/ grey/brown muscovite+biotite laminae // S1 |
| | | | | | | | | | | | | | | | | | | | | | PY in <vnlts, blebs |
| | | | | | | | | | | | | | | | | | | | | | cherty siliceous comp laminae |
| | | | | | | | | | | | | | | | | | | | | | 400.3-400.6: broken and rubbly w/o gouge |
| | | | | | | | | | | | | | | | | | | | | | 403.4-403.5: rubble and fault gouge |
| | | | | | | | | | | | | | | | | | | | | | 408.3-409.9: broken and rubbly w/ fault gouge |
| | | | | | | | | | | | | | | | | | | | | | |
| EOH @ 410.0m | | | | | | | | | | | | | | | | | | | | | |

# Assay Sample Log LD05-17

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 129.4 | no sample | | | | | | | | |
| 368733 | 129.4 | 131.0 | split core | | 1.6 | 100 | 0.022 | 0.4 | 50 | 601 | 31 |
| 368734 | 131.0 | 132.8 | split core | | 1.8 | 100 | 0.064 | 0.2 | 420 | 312 | 37 |
| 368735 | 132.8 | 135.4 | split core | | 2.4 | 92 | 0.072 | 0.3 | 102 | 225 | 25 |
| 368736 | 135.4 | 136.9 | split core | | 1.5 | 100 | 1.045 | 2.8 | 825 | 1855 | 229 |
| 368737 | 136.9 | 138.5 | split core | | 1.6 | 100 | 1.905 | 6.6 | 1935 | 5980 | 112 |
| 368738 | 138.5 | 139.7 | split core | | 1.2 | 100 | 0.050 | 0.3 | 25 | 258 | 22 |
| 368739 | 139.7 | 140.8 | split core | | 1.1 | 100 | 0.022 | 0.5 | 205 | 496 | 24 |
| 368740 | | | standard | | | | 0.890 | 2.6 | 15 | 11900 | 87 |
| 368741 | | | blank | | | | 0.013 | 0.1 | 6 | 117 | 46 |
| 368742 | 140.8 | 142.3 | split core | | 1.5 | 100 | 0.018 | 0.5 | 394 | 534 | 22 |
| 368743 | 142.3 | 143.8 | split core | | 1.5 | 100 | 0.007 | 0.2 | 630 | 140 | 10 |
| 368744 | 143.8 | 145.4 | split core | | 1.6 | 100 | 0.277 | 0.8 | 669 | 753 | 16 |
| 368745 | 145.4 | 146.9 | split core | | 1.5 | 100 | 0.168 | 0.6 | 631 | 257 | 140 |
| 368746 | 146.9 | 148.4 | split core | | 1.5 | 100 | 0.012 | 0.1 | 535 | 108 | 21 |
| 368747 | 148.4 | 149.9 | split core | | 1.5 | 100 | 0.043 | 1.4 | 696 | 1415 | 13 |
| 368748 | 149.9 | 151.5 | split core | | 1.6 | 100 | 0.020 | 0.5 | 291 | 437 | 18 |
| 368749 | 151.5 | 153.0 | split core | | 1.5 | 100 | 0.013 | 0.4 | 349 | 351 | 20 |
| 368750 | 153.0 | 154.5 | split core | | 1.5 | 100 | 0.052 | 0.3 | 452 | 272 | 20 |
| 368751 | 154.5 | 156.0 | split core | | 1.5 | 100 | 0.020 | 0.2 | 283 | 182 | 18 |
| 368752 | 156.0 | 157.6 | split core | | 1.3 | 81 | 0.030 | 0.5 | 344 | 434 | 12 |
| 368753 | 157.6 | 159.1 | split core | | 1.5 | 100 | 0.102 | 2.9 | 138 | 2720 | 20 |
| 368754 | 159.1 | 160.6 | split core | | 1.5 | 100 | 0.040 | 1.1 | 306 | 1190 | 16 |
| 368755 | 160.6 | 162.1 | split core | | 0.5 | 33 | 0.008 | 1.2 | 598 | 1395 | 3 |
| 368756 | 162.1 | 163.5 | split core | | 1.4 | 100 | 0.030 | 3.0 | 1335 | 4680 | 13 |
| 368757 | 163.5 | 165.0 | split core | | 1.5 | 100 | 0.046 | 0.9 | 359 | 986 | 14 |
| 368758 | 165.0 | 166.5 | split core | | 1.5 | 100 | 0.046 | 0.8 | 189 | 670 | 18 |
| 368759 | 166.5 | 168.0 | split core | | 1.5 | 100 | 0.024 | 0.5 | 440 | 379 | 17 |
| 368760 | | | standard | | | | 0.930 | 2.7 | 9 | 12000 | 84 |
| 368761 | | | blank | | | | 0.011 | 0.1 | 3 | 122 | 42 |
| 368762 | 168.0 | 169.0 | split core | | 1.0 | 100 | 0.030 | 0.6 | 538 | 215 | 15 |
| 368763 | 169.0 | 169.9 | split core | | 0.9 | 100 | 0.032 | 0.7 | 446 | 479 | 13 |

# Assay Sample Log LD05-17

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 368764 | 169.9 | 171.4 | split core | | 1.5 | 100 | 0.051 | 0.4 | 83 | 312 | 24 |
| 368765 | 171.4 | 172.3 | split core | | 0.9 | 100 | 0.040 | 0.6 | 374 | 510 | 17 |
| 368766 | 172.3 | 173.8 | split core | | 1.5 | 100 | 0.214 | 3.4 | 749 | 2830 | 21 |
| 368767 | 173.8 | 175.3 | split core | | 1.5 | 100 | 0.108 | 1.2 | 704 | 1130 | 16 |
| 368768 | 175.3 | 176.8 | split core | | 1.5 | 100 | 0.033 | 0.7 | 599 | 502 | 15 |
| 368769 | 176.8 | 178.3 | split core | | 1.4 | 93 | 0.054 | 1.0 | 602 | 903 | 17 |
| 368770 | 178.3 | 179.8 | split core | | 1.5 | 100 | 0.079 | 0.9 | 507 | 767 | 18 |
| 368771 | 179.8 | 181.3 | split core | | 1.5 | 100 | 0.014 | 0.4 | 311 | 253 | 18 |
| 368772 | 181.3 | 182.8 | split core | | 1.5 | 100 | 0.007 | 0.4 | 333 | 196 | 26 |
| 368773 | 182.8 | 184.1 | split core | | 1.3 | 100 | 0.008 | 0.2 | 406 | 51 | 16 |
| | 184.1 | 203.0 | no sample | | | | | | | | |
| 368774 | 203.0 | 204.5 | split core | | 1.5 | 100 | 0.027 | 0.8 | 190 | 613 | 31 |
| 368775 | 204.5 | 206.0 | split core | | 1.5 | 100 | 0.098 | 1.1 | 436 | 880 | 366 |
| 368776 | 206.0 | 207.5 | split core | | 1.5 | 100 | 0.024 | 0.5 | 549 | 352 | 21 |
| 368777 | 207.5 | 209.0 | split core | | 1.5 | 100 | 0.014 | 0.4 | 310 | 372 | 28 |
| 368778 | 209.0 | 210.5 | split core | | 1.5 | 100 | 0.005 | 0.2 | 431 | 141 | 21 |
| 368779 | 210.5 | 212.0 | split core | | 1.5 | 100 | 0.009 | 0.4 | 356 | 279 | 23 |
| 368790 | 212.0 | 213.5 | split core | | 1.5 | 100 | 0.010 | 0.1 | 377 | 138 | 23 |
| 368781 | 213.5 | 214.8 | split core | | 1.3 | 100 | 0.235 | 2.0 | 84 | 2210 | 25 |
| | 214.8 | 218.3 | no sample | | | | | | | | |
| 368782 | 218.3 | 219.8 | split core | | 1.5 | 100 | 0.010 | 0.3 | 736 | 252 | 18 |
| 368783 | 219.8 | 221.3 | split core | | 1.5 | 100 | 0.005 | 0.2 | 691 | 134 | 14 |
| 368784 | 221.3 | 222.8 | split core | | 1.5 | 100 | 0.015 | 0.2 | 588 | 44 | 17 |
| 368785 | 222.8 | 224.3 | split core | | 1.5 | 100 | 0.047 | 0.4 | 690 | 72 | 20 |
| 368786 | 224.3 | 225.9 | split core | | 1.6 | 100 | 0.034 | 0.1 | 697 | 288 | 12 |
| 368787 | 225.9 | 227.9 | split core | | 1.4 | 70 | 0.013 | 0.4 | 7 | 124 | 31 |
| 368788 | 227.9 | 229.4 | split core | | 1.5 | 100 | 0.009 | 0.3 | 754 | 259 | 16 |
| 368789 | 229.4 | 230.9 | split core | | 1.5 | 100 | 0.022 | 0.4 | 673 | 249 | 18 |
| 368790 | 230.9 | 232.4 | split core | | 1.5 | 100 | 0.070 | 1.5 | 758 | 783 | 32 |
| 368791 | 232.4 | 233.9 | split core | | 1.5 | 100 | 0.035 | 0.6 | 671 | 390 | 19 |
| 368792 | 233.9 | 235.0 | split core | | 1.1 | 100 | 0.016 | 0.5 | 715 | 480 | 22 |
| 368793 | 235.0 | 236.1 | split core | | 1.1 | 100 | 0.048 | 0.6 | 531 | 501 | 31 |
| 368794 | 236.1 | 237.6 | split core | | 1.5 | 100 | 0.163 | 2.8 | 928 | 1280 | 3660 |

# Assay Sample Log LD05-17

Page: 3

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 237.6 | 248.1 | no sample | | | | | | | | |
| 368795 | 248.1 | 249.6 | split core | | 1.5 | 100 | 0.051 | 1.3 | 13 | 1325 | 34 |
| 368796 | 249.6 | 251.1 | split core | | 1.5 | 100 | 0.010 | 0.4 | 12 | 396 | 29 |
| 368797 | 251.1 | 252.6 | split core | | 1.5 | 100 | 0.023 | 0.8 | 32 | 688 | 40 |
| 368798 | 252.6 | 254.1 | split core | | 1.5 | 100 | 0.087 | 2.0 | 28 | 2480 | 53 |
| 368799 | 254.1 | 255.5 | split core | | 1.4 | 100 | 0.038 | 1.2 | 35 | 985 | 31 |
| 368800 | | | standard | | | | 1.015 | 2.6 | 13 | 12000 | 85 |
| 368801 | | | blank | | | | 0.012 | 0.1 | 5 | 125 | 46 |
| 368802 | 255.5 | 257.0 | split core | | 1.5 | 100 | 0.017 | 0.5 | 352 | 473 | 19 |
| 368803 | 257.0 | 258.5 | split core | | 1.5 | 100 | 0.019 | 0.7 | 112 | 602 | 25 |
| 368804 | 258.5 | 260.0 | split core | | 1.5 | 100 | 0.005 | 0.2 | 351 | 236 | 16 |
| 368805 | 260.0 | 261.5 | split core | | 1.5 | 100 | 0.007 | 0.2 | 391 | 132 | 12 |
| 368806 | 261.5 | 263.0 | split core | | 1.5 | 100 | 0.005 | 0.2 | 462 | 135 | 13 |
| 368807 | 263.0 | 264.5 | split core | | 1.5 | 100 | 0.013 | 0.2 | 509 | 173 | 15 |
| 368808 | 264.5 | 266.0 | split core | | 1.5 | 100 | 0.152 | 1.1 | 244 | 925 | 18 |
| 368809 | 266.0 | 267.5 | split core | | 1.5 | 100 | 0.154 | 2.8 | 208 | 2330 | 45 |
| 368810 | 267.5 | 269.0 | split core | | 1.5 | 100 | 0.122 | 1.9 | 632 | 1655 | 19 |
| 368811 | 269.0 | 270.5 | split core | | 1.5 | 100 | 0.146 | 4.1 | 196 | 4160 | 30 |
| 368812 | 270.5 | 272.0 | split core | | 1.5 | 100 | 0.033 | 1.4 | 696 | 1185 | 15 |
| 368813 | 272.0 | 273.5 | split core | | 1.5 | 100 | 0.008 | 0.3 | 803 | 243 | 10 |
| 368814 | 273.5 | 275.0 | split core | | 1.5 | 100 | 0.050 | 1.1 | 494 | 975 | 16 |
| 368815 | 275.0 | 276.5 | split core | | 1.5 | 100 | 0.019 | 0.6 | 632 | 607 | 15 |
| 368816 | 276.5 | 278.0 | split core | | 1.5 | 100 | 0.007 | 0.6 | 484 | 464 | 13 |
| 368817 | 278.0 | 279.5 | split core | | 1.5 | 100 | 0.007 | 0.1 | 502 | 219 | 12 |
| 368818 | 279.5 | 281.0 | split core | | 1.5 | 100 | 0.005 | 0.1 | 348 | 136 | 14 |
| 368819 | 281.0 | 282.5 | split core | | 1.5 | 100 | 0.012 | 0.2 | 550 | 211 | 15 |
| 368820 | 282.5 | 284.0 | split core | | 1.5 | 100 | 0.020 | 0.3 | 288 | 248 | 22 |
| 368821 | 284.0 | 285.5 | split core | | 1.5 | 100 | 0.007 | 0.5 | 367 | 371 | 20 |
| 368822 | 285.5 | 287.0 | split core | | 1.5 | 100 | 0.014 | 0.5 | 454 | 296 | 27 |
| 368823 | 287.0 | 288.5 | split core | | 1.5 | 100 | 0.020 | 0.5 | 731 | 408 | 63 |
| 368824 | 288.5 | 290.0 | split core | | 1.5 | 100 | 0.002 | 0.1 | 626 | 76 | 38 |
| 368825 | 290.0 | 291.5 | split core | | 1.5 | 100 | 0.010 | 0.1 | 594 | 84 | 26 |
| 368826 | 291.5 | 293.0 | split core | | 1.4 | 93 | 0.009 | 0.3 | 337 | 331 | 54 |

# Assay Sample Log LD05-17

Page: 4

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 368827 | 293.0 | 294.5 | split core | | 1.4 | 93 | 0.009 | 0.3 | 120 | 288 | 104 |
| 368828 | 294.5 | 296.0 | split core | | 1.5 | 100 | 0.030 | 0.7 | 203 | 509 | 32 |
| 368829 | 296.0 | 297.5 | split core | | 1.4 | 93 | 0.031 | 0.8 | 518 | 643 | 19 |
| 368830 | 297.5 | 299.0 | split core | | 1.5 | 100 | 0.040 | 1.0 | 427 | 639 | 23 |
| 368831 | 299.0 | 300.5 | split core | | 1.5 | 100 | 0.002 | 0.1 | 1205 | 18 | 17 |
| 368832 | 300.5 | 302.0 | split core | | 1.5 | 100 | 0.005 | 0.1 | 1265 | 34 | 21 |
| 368833 | 302.0 | 303.5 | split core | | 1.5 | 100 | 0.005 | 0.1 | 1020 | 32 | 18 |
| 368834 | 303.5 | 305.0 | split core | | 1.5 | 100 | 0.029 | 1.3 | 487 | 581 | 22 |
| 368835 | 305.0 | 306.5 | split core | | 1.5 | 100 | 0.012 | 0.3 | 305 | 112 | 29 |
| 368836 | 306.5 | 308.0 | split core | | 1.5 | 100 | 0.031 | 0.1 | 220 | 12 | 25 |
| 368837 | 308.0 | 309.5 | split core | | 1.5 | 100 | 0.023 | 0.3 | 38 | 148 | 18 |
| 368838 | 309.5 | 311.0 | split core | | 1.5 | 100 | 0.074 | 8.3 | 40 | 3760 | 38 |
| 368839 | 311.0 | 312.5 | split core | | 1.5 | 100 | 0.586 | 10.2 | 50 | 6310 | 38 |
| 368840 | 312.5 | 314.0 | split core | | 1.5 | 100 | 0.276 | 5.8 | 52 | 3440 | 31 |
| 368841 | 314.0 | 315.5 | split core | | 1.5 | 100 | 1.060 | 20.9 | 49 | 11000 | 68 |
| 368842 | 315.5 | 317.0 | split core | | 1.5 | 100 | 0.042 | 1.2 | 859 | 625 | 28 |
| 368843 | 317.0 | 318.5 | split core | | 1.5 | 100 | 0.002 | 0.1 | 982 | 73 | 16 |
| 368844 | 318.5 | 320.0 | split core | | 1.5 | 100 | 0.007 | 0.1 | 1130 | 17 | 31 |
| 368845 | 320.0 | 321.5 | split core | | 1.5 | 100 | 0.006 | 0.1 | 861 | 13 | 21 |
| 368846 | 321.5 | 323.0 | split core | | 1.5 | 100 | 0.006 | 0.1 | 200 | 14 | 25 |
| 368847 | 323.0 | 324.5 | split core | | 1.5 | 100 | 0.006 | 0.1 | 347 | 17 | 15 |
| 368848 | 324.5 | 326.0 | split core | | 1.5 | 100 | 0.002 | 0.1 | 359 | 11 | 15 |
| 368849 | 326.0 | 327.5 | split core | | 1.5 | 100 | 0.017 | 0.1 | 338 | 41 | 21 |
| 368850 | 327.5 | 329.0 | split core | | 1.5 | 100 | 0.012 | 0.1 | 423 | 19 | 12 |
| 368851 | 329.0 | 330.5 | split core | | 1.5 | 100 | 0.012 | 0.1 | 354 | 38 | 12 |
| 368852 | 330.5 | 332.0 | split core | | 1.5 | 100 | 0.013 | 0.1 | 241 | 15 | 18 |
| 368853 | 332.0 | 333.5 | split core | | 1.5 | 100 | 0.024 | 0.2 | 362 | 89 | 16 |
| 368854 | 333.5 | 335.0 | split core | | 1.5 | 100 | 0.029 | 0.2 | 780 | 118 | 11 |
| 368855 | 335.0 | 336.5 | split core | | 1.5 | 100 | 0.017 | 0.1 | 692 | 88 | 11 |
| 368856 | 336.5 | 338.0 | split core | | 1.5 | 100 | 0.012 | 0.1 | 478 | 63 | 13 |
| 368857 | 338.0 | 339.5 | split core | | 1.5 | 100 | 0.062 | 1.9 | 460 | 770 | 16 |
| 368858 | 339.5 | 341.0 | split core | | 1.5 | 100 | 0.071 | 0.4 | 91 | 245 | 22 |
| 368859 | 341.0 | 342.5 | split core | | 1.5 | 100 | 0.009 | 0.4 | 60 | 19 | 24 |

# Assay Sample Log LD05-17

Page: 5

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 368860 | 342.5 | 344.0 | split core | | 1.5 | 100 | 0.073 | 0.9 | 92 | 375 | 30 |
| 368861 | 344.0 | 345.5 | split core | | 1.5 | 100 | 0.781 | 36.6 | 179 | 13100 | 166 |
| 368862 | 345.5 | 347.0 | split core | | 1.5 | 100 | 1.355 | 24.0 | 105 | 8370 | 117 |
| 368863 | 347.0 | 348.5 | split core | | 1.5 | 100 | 0.742 | 37.8 | 50 | 10600 | 229 |
| 368864 | 348.5 | 350.2 | split core | | 1.7 | 100 | 1.820 | 55.9 | 142 | 16700 | 522 |
| 368865 | 350.2 | 351.5 | split core | | 1.3 | 100 | 3.360 | 80.3 | 1335 | 16100 | 309 |
| 368866 | 351.5 | 352.9 | split core | | 1.4 | 100 | 2.300 | 82.5 | >10000 | 16100 | 390 |
| 368867 | 352.9 | 354.4 | split core | | 1.4 | 93 | 0.458 | 28.2 | 2350 | 4800 | 101 |
| 368868 | 354.4 | 356.0 | split core | | 1.6 | 100 | 0.419 | 52.6 | 1885 | 6780 | 246 |
| 368869 | 356.0 | 357.2 | split core | | 1.2 | 100 | 0.120 | 3.6 | 102 | 938 | 63 |
| 368870 | 357.2 | 358.7 | split core | | 1.5 | 100 | 0.211 | 8.0 | 150 | 2230 | 78 |
| 368871 | 358.7 | 360.2 | split core | | 1.5 | 100 | 0.126 | 4.7 | 222 | 1285 | 49 |
| 368872 | 360.2 | 361.2 | split core | | 1.0 | 100 | 0.052 | 1.6 | 756 | 353 | 18 |
| | 361.2 | 363.8 | no sample | | | | | | | | |
| 368873 | 363.8 | 365.5 | split core | | 1.7 | 100 | 0.032 | 1.0 | 135 | 300 | 320 |
| | 365.5 | 369.2 | no sample | | | | | | | | |
| 368874 | 369.2 | 370.4 | split core | | 1.2 | 100 | 0.374 | 13.3 | 80 | 3600 | 128 |
| | 370.4 | 372.7 | no sample | | | | | | | | |
| 368875 | 372.7 | 374.2 | split core | | 1.5 | 100 | 5.020 | 202.0 | 69 | 47700 | 979 |
| 368876 | 374.2 | 375.7 | split core | | 1.5 | 100 | 6.420 | 171.0 | 47 | 45400 | 817 |
| 368877 | 375.7 | 377.2 | split core | | 1.5 | 100 | 0.292 | 10.5 | 63 | 2450 | 71 |
| 368878 | 377.2 | 378.7 | split core | | 1.5 | 100 | 1.300 | 26.4 | 76 | 7880 | 148 |
| 368879 | 378.7 | 380.2 | split core | | 1.5 | 100 | 1.370 | 51.4 | 43 | 11300 | 258 |
| 368880 | 380.2 | 381.2 | split core | | 1.0 | 100 | 1.391 | 31.2 | 33 | 9200 | 178 |
| | 381.2 | 410.0 | no sample | | | | | | | | |
| | | | | | | | | | | | |
| EOH @ 410.0m | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |

# RQD Log  LD05-17

Date: Page:1

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 16.5 | | | 148.4 | | |
| 17.4 | 32 | 36 | 151.5 | 222 | 72 |
| 20.4 | 147 | 49 | 154.5 | 192 | 64 |
| 23.5 | 50 | 16 | 157.6 | 50 | 16 |
| 26.5 | 69 | 23 | 160.6 | 146 | 49 |
| 29.6 | 123 | 40 | 163.7 | 103 | 33 |
| 32.6 | 279 | 93 | 166.7 | 173 | 58 |
| 35.7 | 179 | 58 | 169.8 | 204 | 66 |
| 38.7 | 266 | 89 | 172.8 | 98 | 33 |
| 41.8 | 206 | 66 | 175.9 | 154 | 50 |
| 44.8 | 209 | 70 | 178.9 | 188 | 63 |
| 47.9 | 156 | 50 | 182.0 | 188 | 61 |
| 50.9 | 158 | 53 | 185.0 | 163 | 54 |
| 53.9 | 243 | 81 | 188.1 | 108 | 35 |
| 57.0 | 263 | 85 | 191.1 | 146 | 49 |
| 60.0 | 245 | 82 | 194.1 | 107 | 36 |
| 63.1 | 159 | 51 | 197.2 | 159 | 51 |
| 66.1 | 286 | 95 | 200.2 | 113 | 38 |
| 69.2 | 242 | 78 | 203.3 | 124 | 40 |
| 72.2 | 197 | 66 | 206.3 | 122 | 41 |
| 75.3 | 238 | 77 | 209.4 | 198 | 64 |
| 78.3 | 217 | 72 | 212.4 | 243 | 81 |
| 81.4 | 271 | 87 | 215.5 | 196 | 63 |
| 84.4 | 268 | 89 | 218.5 | 147 | 49 |
| 87.5 | 244 | 79 | 221.6 | 249 | 80 |
| 90.5 | 228 | 76 | 224.6 | 208 | 69 |
| 93.6 | 285 | 92 | 227.7 | 146 | 47 |
| 96.6 | 189 | 63 | 230.7 | 126 | 42 |
| 99.7 | 191 | 62 | 233.8 | 132 | 43 |
| 102.7 | 165 | 55 | 236.8 | 254 | 85 |
| 105.8 | 103 | 33 | 239.9 | 153 | 49 |
| 108.8 | 208 | 69 | 242.9 | 237 | 79 |
| 111.9 | 217 | 70 | 246.0 | 236 | 76 |
| 114.9 | 222 | 74 | 249.0 | 220 | 73 |
| 118.0 | 195 | 63 | 252.1 | 248 | 80 |
| 121.0 | 117 | 39 | 255.1 | 236 | 79 |
| 124.0 | 203 | 68 | 258.2 | 253 | 82 |
| 127.1 | 285 | 92 | 261.2 | 273 | 91 |
| 130.1 | 230 | 77 | 264.2 | 292 | 97 |
| 133.2 | 205 | 66 | 267.3 | 263 | 85 |
| 136.2 | 134 | 45 | 270.3 | 281 | 94 |
| 139.3 | 249 | 80 | 273.4 | 170 | 55 |
| 142.3 | 256 | 85 | 276.4 | 239 | 80 |
| 145.4 | 83 | 27 | 279.5 | 250 | 81 |
| 148.4 | 127 | 42 | 282.5 | 280 | 93 |

# RQD Log LD05-17

Date: Page: 2

| block | RQD (cm) | RQD % | block | RQD (cm) | RQD % |
|---|---|---|---|---|---|
| 282.5 | | | | | |
| 285.6 | 269 | 87 | | | |
| 288.6 | 288 | 96 | | | |
| 291.7 | 275 | 89 | | | |
| 294.7 | 214 | 71 | | | |
| 297.8 | 284 | 92 | | | |
| 300.8 | 271 | 90 | | | |
| 303.9 | 234 | 75 | | | |
| 306.9 | 240 | 80 | | | |
| 310.0 | 255 | 82 | | | |
| 313.0 | 297 | 99 | | | |
| 316.1 | 221 | 71 | | | |
| 319.1 | 266 | 89 | | | |
| 322.2 | 272 | 88 | | | |
| 325.2 | 253 | 84 | | | |
| 328.3 | 252 | 81 | | | |
| 331.3 | 240 | 80 | | | |
| 334.3 | 242 | 81 | | | |
| 337.4 | 231 | 75 | | | |
| 340.4 | 276 | 92 | | | |
| 343.5 | 280 | 90 | | | |
| 346.5 | 269 | 90 | | | |
| 349.6 | 263 | 85 | | | |
| 352.6 | 240 | 80 | | | |
| 355.7 | 256 | 83 | | | |
| 358.7 | 239 | 80 | | | |
| 361.8 | 233 | 75 | | | |
| 364.8 | 145 | 48 | | | |
| 367.9 | 136 | 44 | | | |
| 370.9 | 126 | 42 | | | |
| 374.0 | 177 | 57 | | | |
| 377.0 | 281 | 94 | | | |
| 380.1 | 289 | 93 | | | |
| 383.1 | 207 | 69 | | | |
| 386.2 | 100 | 32 | | | |
| 389.2 | 249 | 83 | | | |
| 392.3 | 148 | 48 | | | |
| 395.3 | 276 | 92 | | | |
| 398.4 | 251 | 81 | | | |
| 401.4 | 177 | 59 | | | |
| 404.4 | 166 | 55 | | | |
| 407.5 | 195 | 63 | | | |
| 410.0 | 11 | 4 | | | |
| | | | | | |
| EOL 410.0m | | | | | |

# Assay Sample Log LD M-1

Page: 1

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0 | 5.2 | no sample | | | | | | | | |
| 322388 | 5.2 | 11.3 | 15% grabs | | | | 0.002 | 0.1 | 27 | 4 | 13 |
| 322389 | 11.3 | 17.4 | 15% grabs | | | | 0.002 | 0.1 | 16 | 3 | 17 |
| 322390 | 17.4 | 23.5 | 15% grabs | | | | 0.002 | 0.7 | 33 | 18 | 35 |
| 322391 | 23.5 | 29.6 | 15% grabs | | | | 0.002 | 0.1 | 51 | 3 | 19 |
| 322392 | 29.6 | 35.7 | 15% grabs | | | | 0.002 | 0.1 | 19 | 3 | 13 |
| 322393 | 35.7 | 41.8 | 15% grabs | | | | 0.002 | 0.1 | 5 | 1 | 10 |
| 322394 | 41.8 | 47.9 | 15% grabs | | | | 0.002 | 0.1 | 4 | 1 | 9 |
| 322395 | 47.9 | 53.9 | 15% grabs | | | | 0.002 | 0.1 | 2 | 1 | 12 |
| 322396 | 53.9 | 60.0 | 15% grabs | | | | 0.002 | 0.1 | 23 | 2 | 17 |
| 322397 | 60.0 | 66.1 | 15% grabs | | | | 0.002 | 0.2 | 10 | 2 | 9 |
| 322398 | 66.1 | 72.2 | 15% grabs | | | | 0.002 | 0.1 | 120 | 1 | 13 |
| 322399 | 72.2 | 78.3 | 15% grabs | | | | 0.002 | 0.1 | 45 | 2 | 12 |
| 322400 | 78.3 | 84.4 | 15% grabs | | | | 0.002 | 0.2 | 93 | 3 | 25 |
| 322401 | 84.4 | 90.5 | 15% grabs | | | | 0.005 | 0.2 | 8 | 9 | 39 |
| 322402 | 90.5 | 96.6 | 15% grabs | | | | 0.002 | 0.2 | 27 | 5 | 32 |
| 322403 | 96.6 | 102.7 | 15% grabs | | | | 0.002 | 0.1 | 9 | 2 | 13 |
| 322404 | 102.7 | 108.8 | 15% grabs | | | | 0.007 | 0.2 | 9 | 3 | 44 |
| 322405 | 108.8 | 114.9 | 15% grabs | | | | 0.011 | 0.2 | 19 | 5 | 47 |
| 322406 | 114.9 | 121.0 | 15% grabs | | | | 0.002 | 0.2 | 7 | 2 | 15 |
| 322407 | 121.0 | 127.1 | 15% grabs | | | | 0.002 | 0.1 | 23 | 2 | 21 |
| 322408 | 127.1 | 133.2 | 15% grabs | | | | 0.002 | 0.1 | 22 | 2 | 51 |
| 322409 | 133.2 | 139.3 | 15% grabs | | | | 0.002 | 0.2 | 15 | 5 | 49 |
| 322410 | 139.3 | 145.4 | 15% grabs | | | | 0.007 | 0.2 | 25 | 4 | 44 |
| 322411 | 145.4 | 151.5 | 15% grabs | | | | 0.002 | 0.2 | 12 | 8 | 22 |
| 322412 | 151.5 | 157.6 | 15% grabs | | | | 0.002 | 0.1 | 74 | 28 | 56 |
| 322413 | 157.6 | 163.7 | 15% grabs | | | | 0.002 | 0.1 | 23 | 64 | 399 |
| 322414 | 163.7 | 169.8 | 15% grabs | | | | 0.002 | 0.2 | 27 | 66 | 321 |
| 322415 | 169.8 | 175.9 | 15% grabs | | | | 0.007 | 0.2 | 22 | 56 | 286 |
| 322416 | 175.9 | 182.0 | 15% grabs | | | | 0.002 | 0.1 | 5 | 24 | 105 |
| 322417 | 182.0 | 188.1 | 15% grabs | | | | 0.002 | 0.2 | 15 | 55 | 249 |
| 322418 | 188.1 | 194.2 | 15% grabs | | | | 0.002 | 0.1 | 10 | 72 | 127 |

# Assay Sample Log LD M-1

Page: 2

| Sample No. | From | To | Sample Type | S.G | Rec. | % Rec. | ppm Au | ppm Ag | ppm As | ppm Cu | ppm Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 322419 | 194.2 | 200.3 | 15% grabs | | | | 0.002 | 0.1 | 15 | 88 | 181 |
| 322420 | 200.3 | 203.3 | 15% grabs | | | | 0.007 | 0.2 | 30 | 67 | 271 |

# Appendix II

# ALS Chemex Analytical Technique

ALS Chemex

# Sample Preparation Package – PREP-31

## Standard Sample Preparation: Dry, Crush, Split and Pulverize

Sample is dried and the entire sample is crushed to better than 70% passing a 2 mm (Tyler 10 mesh) screen. A split of up to 250 grams is taken and pulverized to better than 85% passing a 75 micron (Tyler 200 mesh) screen.

| ALS Chemex Method Code | Description |
|---|---|
| LOG-22 | Sample is logged in tracking system and a bar code label is attached. |
| CRU-31 | Fine crushing of rock chip and drill samples to better than 70% of the sample passing 2 mm. |
| SPL-21 | Split sample using riffle splitter. |
| PUL-31 | A sample split of up to 250 g is pulverized to better than 85% of the sample passing 75 microns. |

ALS Chemex

# Sample Preparation Package – PREP-41
## Dry sample and dry-sieve to –180 micron

Sample is dried and then dry-sieved using a 180 micron (Tyler 80 mesh) screen. The plus fraction is retained unless disposal is requested. This method is appropriate for soil or sediment samples up to one kilogram in weight.

| ALS Chemex Method Code | Description |
|---|---|
| LOG-22 | Sample is logged in tracking system and a bar code label is attached. |
| SCR-41 | Sample is dry-sieved to –180 micron and both the plus and minus fractions are retained. |

ALS Chemex

# Fire Assay Procedure – Ag-GRA21, Ag-GRA22, Au-GRA21 & Au-GRA22
# Precious Metals Gravimetric Analysis Methods

**Sample Decomposition:** Fire Assay Fusion
**Analytical Method:** Gravimetric

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold. Silver, if requested, is then determined by the difference in weights.

| Method Code | Element | Sample Weight | Lower Reporting Limit | Upper Reporting Limit | Units |
|---|---|---|---|---|---|
| Ag-GRA21 | Silver | 30 grams | 5 | 10,000 | ppm |
| Ag-GRA22 | Silver | 50 grams | 5 | 10,000 | ppm |
| Au-GRA21 | Gold | 30 grams | 0.05 | 1000 | ppm |
| Au-GRA22 | Gold | 50 grams | 0.05 | 1000 | ppm |

ALS Chemex

# Fire Assay Procedure – Au-AA23 and Au-AA24
## Fire Assay Fusion, AAS Finish

**Sample Decomposition:** Fire Assay Fusion
**Analytical Method:** Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 ml dilute nitric acid in the microwave oven, 0.5 ml concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 ml with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

| ALS Chemex Method Code | Element | Symbol | Sample Weight | Lower Reporting Limit | Upper Reporting Limit | Units |
|---|---|---|---|---|---|---|
| Au-AA23 | Gold | Au | 30 g | 0.005 | 10.0 | ppm |
| Au-AA24 | Gold | Au | 50 g | 0.005 | 10.0 | ppm |

ALS Chemex

# Assay Procedure – ME-AA46
## Evaluation of Ores and High Grade Materials by Aqua Regia Digestion – AAS

**Sample Decomposition:** Aqua Regia Digestion
**Analytical Method:** Atomic Absorption Spectroscopy (AAS)

A prepared sample (0.4 to 2.00 grams) is digested with concentrated nitric acid for one half hour. After cooling, hydrochloric acid is added to produce aqua regia and the mixture is then digested for an additional hour and a half. An ionization suppressant is added if molybdenum is to be measured. The resulting solution is diluted to volume (100 or 250 ml) with demineralized water, mixed and then analyzed by atomic absorption spectrometry against matrix-matched standards.

| ALS Chemex Method Code | Element | Symbol | Detection Limit | Upper Limit | Units |
|---|---|---|---|---|---|
| As-AA46 | Arsenic | As | 0.01 | 30 | % |
| Bi-AA46 | Bismuth | Bi | 0.001 | 30 | % |
| Cd-AA46 | Cadmium | Cd | 0.001 | 10 | % |
| Co-AA46 | Cobalt | Co | 0.01 | 50 | % |
| Cu-AA46 | Copper | Cu | 0.01 | 50 | % |
| Fe-AA46 | Iron | Fe | 0.01 | 30 | % |
| Pb-AA46 | Lead | Pb | 0.01 | 30 | % |
| Mo-AA46 | Molybdenum | Mo | 0.001 | 10 | % |
| Mn-AA46 | Manganese | Mn | 0.01 | 50 | % |
| Ni-AA46 | Nickel | Ni | 0.01 | 50 | % |
| Ag-AA46 | Silver | Ag | 1 | 1500 | ppm |
| Zn-AA46 | Zinc | Zn | 0.01 | 30 | % |

ALS Chemex

# Geochemical Procedure - ME-ICP41

## Trace Level Methods Using Conventional ICP-AES Analysis

**Sample Decomposition:** Nitric Aqua Regia Digestion
**Analytical Method:** Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample (0.50 grams) is digested with aqua regia for at least one hour in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 ml with demineralized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

| Element | Symbol | Detection Limit | Upper Limit | Units |
|---|---|---|---|---|
| Aluminum* | Al | 0.01 | 15 | % |
| Antimony | Sb | 2 | 10,000 | ppm |
| Arsenic | As | 2 | 10,000 | ppm |
| Barium* | Ba | 10 | 10,000 | ppm |
| Beryllium* | Be | 0.5 | 100 | ppm |
| Bismuth | Bi | 2 | 10,000 | ppm |
| Boron* | B | 10 | 10,000 ppm | ppm |
| Cadmium | Cd | 0.5 | 500 | ppm |
| Calcium* | Ca | 0.01 | 15 | % |
| Chromium* | Cr | 1 | 10,000 | ppm |
| Cobalt | Co | 1 | 10,000 | ppm |
| Copper | Cu | 1 | 10,000 | ppm |
| Gallium* | Ga | 10 | 10,000 | ppm |
| Iron | Fe | 0.01 | 15 | % |
| Lanthanum* | La | 10 | 10,000 | ppm |
| Lead | Pb | 2 | 10,000 | ppm |
| Magnesium* | Mg | 0.01 | 15 | % |
| Manganese | Mn | 5 | 10,000 | ppm |
| Mercury | Hg | 1 | 10,000 | ppm |
| Molybdenum | Mo | 1 | 10,000 | ppm |

# Geochemical Procedure - ME-ICP41

## Trace Level Methods Using Conventional ICP-AES Analysis *(con't)*

| Element | Symbol | Detection Limit | Upper Limit | Units |
|---|---|---|---|---|
| Nickel | Ni | 1 | 10,000 | ppm |
| Phosphorus | P | 10 | 10,000 | ppm |
| Potassium* | K | 0.01 | 10 | % |
| Scandium* | Sc | 1 | 10,000 | ppm |
| Silver | Ag | 0.2 | 100 | ppm |
| Sodium* | Na | 0.01 | 10 % | % |
| Strontium* | Sr | 1 | 10,000 | ppm |
| Sulfur | S | 0.01 | 10 | % |
| Thallium* | Tl | 10 | 10,000 | ppm |
| Titanium* | Ti | 0.01 | 10 | % |
| Tungsten* | W | 10 | 10,000 | ppm |
| Uranium | U | 10 | 10,000 | ppm |
| Vanadium | V | 1 | 10,000 | ppm |
| Zinc | Zn | 2 | 10,000 | ppm |

*Elements for which the digestion is possibly incomplete.

# Appendix III

## CDN Resource Laboratories Ltd. - Standard CDN-CGS-2 and Blank CDN-CGS-5

# CDN Resource Laboratories Ltd.

## Copper - Gold Standard

## CDN-CGS-2

Company Information
Standards Available
Pricing
Home

Recommended value and 95% Confidence Interval (±2SD)

**Copper concentration: 1.177 ± 0.046 g/t**

**Gold concentration: 0.97 ± 0.092 g/t**

**ORIGIN OF REFERENCE MATERIAL:**

The ore was supplied by bcMetals Corporation from the Red Chris Property in British Columbia. Most of the mineralization is closely associated with individual and sheeted quartz (±carbonate) veining and quartz (±carbonate) stockwork zones. It occurs as disseminations and fracture coatings. Pyrite, chalcopyrite and lesser bornite are the principal sulphide minerals. Gold occurs as electrum spatially and genetically associated with the copper mineralization.

**Round-robin assays:**

| | Lab. 1 | Lab. 2 | Lab. 3 | Lab. 4 | Lab. 5 | Lab. 6 | Lab. 7 | Lab. 8 | Lab. 9 |
|---|---|---|---|---|---|---|---|---|---|
| | Au (gpt) | Au (gpt) | Au (gpt) | Au (gpt) | Au (gpt) | Au (gpt) | Au (gpt) | Au (gpt) | Au (gpt) |
| | 0.97 | 0.92 | 0.96 | 1.00 | 0.92 | 1.01 | 0.99 | 0.92 | 1.03 |
| | 0.96 | 0.88 | 0.93 | 1.03 | 0.95 | 1.09 | 1.03 | 0.90 | 0.98 |
| | 0.94 | 1.08 | 0.90 | 1.00 | 0.92 | 1.14 | 0.99 | 0.98 | 1.01 |
| | 0.95 | 0.82 | 0.89 | 0.99 | 1.06 | 1.09 | 0.91 | 0.98 | 0.98 |
| | 0.95 | 0.85 | 0.98 | 1.03 | 0.96 | 1.04 | 0.96 | 1.03 | 1.05 |
| | 0.97 | 0.90 | 0.91 | 0.99 | 0.91 | 1.07 | 0.92 | 0.96 | 1.01 |
| | 0.94 | 0.88 | 0.92 | 1.00 | 1.04 | 1.12 | 0.99 | 0.93 | 1.00 |
| | 0.99 | 0.85 | 0.97 | 0.94 | 0.95 | 1.10 | 0.97 | 1.00 | 0.97 |
| | 0.99 | 1.02 | 0.99 | 0.99 | 0.89 | 0.98 | 1.00 | 0.97 | 0.95 |
| | 0.93 | 1.01 | 0.95 | 1.02 | 1.05 | 1.00 | 1.00 | 1.00 | 0.96 |
| Mean | 0.96 | 0.92 | 0.94 | 1.00 | 0.96 | 1.06 | 0.98 | 0.97 | 0.99 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Std. Dev. | 0.021 | 0.086 | 0.035 | 0.027 | 0.060 | 0.054 | 0.037 | 0.040 | 0.032 |
| %RSD | 2.17 | 9.37 | 3.72 | 2.71 | 6.27 | 5.07 | 3.81 | 4.17 | 3.19 |
| | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) | Cu (%) |
| | 1.19 | 1.19 | 1.11 | 1.15 | 1.19 | 1.18 | 1.15 | 1.25 | 1.18 |
| | 1.21 | 1.21 | 1.12 | 1.13 | 1.20 | 1.19 | 1.14 | 1.20 | 1.20 |
| | 1.19 | 1.17 | 1.13 | 1.17 | 1.19 | 1.20 | 1.15 | 1.22 | 1.19 |
| | 1.20 | 1.20 | 1.13 | 1.15 | 1.19 | 1.20 | 1.14 | 1.20 | 1.19 |
| | 1.19 | 1.18 | 1.14 | 1.16 | 1.19 | 1.20 | 1.14 | 1.22 | 1.19 |
| | 1.20 | 1.19 | 1.15 | 1.16 | 1.19 | 1.18 | 1.14 | 1.20 | 1.19 |
| | 1.20 | 1.18 | 1.16 | 1.16 | 1.20 | 1.19 | 1.15 | 1.22 | 1.20 |
| | 1.19 | 1.18 | 1.15 | 1.15 | 1.19 | 1.19 | 1.14 | 1.18 | 1.20 |
| | 1.20 | 1.18 | 1.14 | 1.15 | 1.19 | 1.18 | 1.16 | 1.19 | 1.19 |
| | 1.19 | 1.18 | 1.14 | 1.16 | 1.18 | 1.18 | 1.14 | 1.17 | 1.19 |
| Mean | 1.20 | 1.19 | 1.14 | 1.15 | 1.19 | 1.19 | 1.15 | 1.21 | 1.19 |
| Std. Dev. | 0.007 | 0.012 | 0.016 | 0.010 | 0.005 | 0.009 | 0.007 | 0.023 | 0.006 |
| %RSD | 0.58 | 0.97 | 1.39 | 0.85 | 0.41 | 0.74 | 0.62 | 1.93 | 0.53 |

APPROXIMATE CHEMICAL COMPOSITION:

| | Percent | | | Percent |
|---|---|---|---|---|
| SiO2 | 54.3 | | Na2O | 0.9 |
| Al2O3 | 9.0 | | MgO | 2.0 |
| Fe2O3 | 17.9 | | K2O | 3.2 |
| CaO | 2.4 | | TiO2 | 0.3 |
| LOI | 8.0 | | | |
| | | | | |

Participating Laboratories: (not in same order as table of assays)

Acme Laboratories Ltd., Vancouver

Assayers Canada Ltd., Vancouver

ALS Chemex Laboratories, North Vancouver

GTK Laboratory (Geological Survey of Finland)

International Plasma Laboratories Ltd., Vancouver

Loring Laboratories Ltd., Calgary

OMAC Laboratory, Ireland

SGS-XRAL Laboratories Ltd., Toronto

TSL Laboratories Ltd., Saskatoon

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

## *Assay Certificate*

4V-0193-PA2

Company: **CDN Resource Laboratories Ltd.**
Project: CDN-CGS-5
Attn: Duncan Sanderson

Apr-07-04

We *hereby certify* the following assay of 10 pulp samples
submitted Mar-25-04

| Sample Name | Au g/tonne | Cu % | Pt g/tonne | Pd g/tonne |
|---|---|---|---|---|
| CDN-Blank-1 | 0.01 | 0.012 | <0.01 | <0.01 |
| CDN-Blank-2 | 0.01 | 0.012 | <0.01 | <0.01 |
| CDN-Blank-3 | 0.01 | 0.013 | <0.01 | <0.01 |
| CDN-Blank-4 | 0.01 | 0.012 | 0.01 | <0.01 |
| CDN-Blank-5 | 0.01 | 0.013 | <0.01 | <0.01 |
| CDN-Blank-6 | 0.01 | 0.013 | <0.01 | <0.01 |
| CDN-Blank-7 | 0.01 | 0.012 | <0.01 | <0.01 |
| CDN-Blank-8 | 0.01 | 0.012 | <0.01 | <0.01 |
| CDN-Blank-9 | 0.02 | 0.012 | <0.01 | <0.01 |
| CDN-Blank-10 | 0.01 | 0.012 | <0.01 | <0.01 |
| *DUP CDN-Blank-1 | | 0.012 | | |
| *DUP CDN-Blank-7 | 0.01 | | <0.01 | <0.01 |
| *DUP CDN-Blank-10 | | 0.012 | | |
| *96-8 | 0.39 | | | |
| *KC-1a | | 0.627 | | |
| *01-01 | | | 0.49 | 0.58 |
| *BLANK | <0.01 | <0.001 | <0.01 | <0.01 |

*Certified by* ______________________

## Appendix IV

## 2005 Diamond Drilling - Certificates of Analysis

VA05051466 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 68
DATE RECEIVED : 2005-06-29  DATE FINALIZED : 2005-07-14
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : "REULTS WITHIN 7 DAYS AS PER CLIENT REQUEST"
PO NUMBER : " "

| | Au-AA23 | Au-AA23 | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Au Check | Au Check2 | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn |
| DESCRIPTION | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm |
| M323001 | 0.233 | | | 3 | 0.47 | 885 | <10 | 70 | <0.5 | 5 | 2.15 | 3.7 | 6 | 60 | 284 | 3.52 | <10 | <1 | 0.11 | 10 | 0.77 | 509 |
| M323002 | 0.011 | | | 0.2 | 1.01 | 55 | <10 | 190 | <0.5 | <2 | 0.51 | <0.5 | 8 | 13 | 116 | 2.21 | <10 | <1 | 0.28 | 10 | 0.66 | 220 |
| M323003 | 0.012 | | | 0.3 | 0.98 | 23 | <10 | 140 | 0.5 | <2 | 0.53 | <0.5 | 10 | 51 | 174 | 2.5 | <10 | <1 | 0.32 | 10 | 0.77 | 173 |
| M323004 | 0.142 | | | 4.8 | 0.61 | 2090 | <10 | 110 | 0.5 | <2 | 1 | 17.8 | 8 | 13 | 165 | 2.2 | <10 | <1 | 0.3 | <10 | 0.66 | 784 |
| M323005 | 0.007 | | | 0.2 | 1.17 | 30 | <10 | 200 | 0.5 | <2 | 0.46 | <0.5 | 7 | 43 | 105 | 2.11 | <10 | <1 | 0.39 | 10 | 0.74 | 214 |
| M323006 | 0.488 | | | 34.3 | 0.69 | 6210 | <10 | 110 | 0.5 | <2 | 2.36 | 23.3 | 6 | 9 | 179 | 2.54 | <10 | 1 | 0.25 | 10 | 1.01 | 611 |
| M323007 | 0.032 | | | 0.2 | 0.2 | 224 | <10 | 10 | <0.5 | 2 | 13 | <0.5 | <1 | 18 | 98 | 11.75 | <10 | <1 | 0.03 | 10 | 0.19 | 1350 |
| M323008 | 0.032 | | | 0.6 | 1.09 | 370 | <10 | 100 | <0.5 | <2 | 1.36 | 0.5 | 4 | 39 | 93 | 2.11 | 10 | <1 | 0.29 | 10 | 0.88 | 255 |
| M323009 | 0.055 | | | 0.3 | 0.88 | 384 | <10 | 100 | <0.5 | <2 | 2.87 | <0.5 | 4 | 72 | 68 | 3.72 | <10 | <1 | 0.22 | 10 | 0.74 | 426 |
| M323010 | 0.031 | | | 0.2 | 0.98 | 198 | <10 | 60 | <0.5 | <2 | 4.48 | <0.5 | 3 | 23 | 83 | 4.25 | <10 | <1 | 0.11 | 10 | 0.42 | 637 |
| M323011 | 0.565 | | | 5.9 | 0.29 | 1415 | <10 | 20 | <0.5 | 11 | 10.65 | <0.5 | 28 | 35 | 648 | 22 | <10 | <1 | 0.09 | <10 | 0.68 | 2130 |
| M323012 | 0.01 | | | <0.2 | 0.68 | 51 | 10 | 30 | <0.5 | <2 | 22 | <0.5 | 8 | 5 | 125 | 6.51 | <10 | <1 | 0.07 | 10 | 0.27 | 1475 |
| M323013 | 0.773 | | | 15.9 | 0.52 | 1910 | <10 | 20 | <0.5 | 39 | 3.45 | 0.8 | 8 | 56 | 700 | 13.3 | <10 | 1 | 0.06 | <10 | 0.47 | 549 |
| M323014 | 0.005 | | | <0.2 | 0.69 | 84 | <10 | 60 | <0.5 | <2 | 18.2 | <0.5 | 5 | 6 | 93 | 5.71 | <10 | <1 | 0.02 | 20 | 0.3 | 1495 |
| M323015 | 0.018 | | | 0.5 | 0.62 | 39 | <10 | 30 | <0.5 | <2 | 11.85 | 1.5 | 7 | 29 | 84 | 3.23 | <10 | <1 | 0.02 | 20 | 0.32 | 700 |
| M323016 | <0.005 | | | 0.3 | 0.03 | 29 | 20 | 30 | <0.5 | <2 | >25.0 | 0.7 | 3 | 1 | 22 | 0.79 | <10 | <1 | 0.01 | <10 | 0.54 | 445 |
| M323017 | 0.008 | | | <0.2 | 0.12 | 204 | <10 | 20 | <0.5 | <2 | >25.0 | <0.5 | 5 | 24 | 43 | 4.96 | <10 | <1 | <0.01 | 10 | 0.12 | 1035 |
| M323018 | 1.705 | 1.98 | | 24.9 | 0.09 | >10000 | <10 | <10 | <0.5 | 46 | 5.4 | >500 | 2 | <1 | 2420 | 22.2 | <10 | 2 | 0.04 | <10 | 0.35 | 1575 |
| M323019 | 0.234 | | | <0.2 | 2.66 | 41 | 30 | 40 | 0.7 | <2 | 2.33 | 1.3 | 10 | 28 | 511 | 12.3 | 10 | <1 | 0.29 | 10 | 2.28 | 269 |
| M323020 | 1.04 | | | 2.6 | 0.87 | 16 | 10 | 50 | <0.5 | 4 | 1.79 | 0.7 | 32 | 1640 | >10000 | 11.55 | <10 | 1 | 0.43 | <10 | 0.84 | 1120 |
| M323021 | 0.009 | | | <0.2 | 2.1 | 9 | <10 | 160 | <0.5 | <2 | 1.42 | <0.5 | 30 | 1675 | 121 | 5.6 | 10 | <1 | 0.27 | 10 | 0.85 | 835 |
| M323022 | 0.571 | | | 10.2 | 0.47 | 6030 | <10 | 80 | <0.5 | <2 | 0.9 | 15.2 | 17 | 17 | 251 | 3.18 | <10 | <1 | 0.22 | 10 | 0.52 | 1035 |
| M323023 | 1.62 | | | 13.3 | 0.6 | >10000 | <10 | 50 | <0.5 | <2 | 0.64 | 5.4 | 52 | 77 | 835 | 6.2 | <10 | <1 | 0.3 | 10 | 0.47 | 397 |
| M323024 | 0.012 | | | 0.5 | 0.26 | 84 | <10 | 120 | <0.5 | 4 | 0.13 | 0.8 | 7 | 19 | 130 | 1.41 | <10 | <1 | 0.13 | 10 | 0.14 | 53 |
| M323025 | 1.23 | | | 3.3 | 0.06 | 4540 | <10 | 10 | <0.5 | 21 | 0.18 | 2.6 | 19 | 47 | 602 | 28.5 | <10 | <1 | 0.03 | <10 | 0.01 | 23 |
| M323026 | 1.435 | | | 14.3 | 0.36 | 4610 | <10 | 10 | <0.5 | 97 | 1.05 | 10.3 | 6 | 4 | 764 | 25 | <10 | <1 | 0.11 | 10 | 0.18 | 442 |
| M323027 | 0.224 | | | 2.8 | 0.75 | 178 | <10 | 90 | <0.5 | 9 | 0.92 | 7.9 | 10 | 62 | 234 | 3.45 | <10 | <1 | 0.26 | 10 | 0.67 | 428 |
| M323028 | 0.044 | | | 1.6 | 1.83 | 73 | <10 | 20 | 0.6 | <2 | 1.62 | 3.1 | 111 | 33 | 1445 | 22.6 | 10 | <1 | 0.02 | 20 | 0.37 | 649 |
| M323029 | 1.495 | | | 2.8 | 0.61 | 6720 | <10 | 20 | <0.5 | 33 | 3.55 | 1.8 | 47 | 8 | 66 | 25.6 | <10 | <1 | 0.31 | <10 | 0.08 | 293 |
| M323030 | 0.685 | | | 20.9 | 0.25 | 4950 | 10 | 10 | <0.5 | 64 | 0.04 | 1.8 | 72 | 61 | 1575 | 10.95 | <10 | 1 | 0.12 | <10 | 0.06 | 50 |
| M323031 | 0.18 | | | 2.6 | 0.19 | 1105 | <10 | 20 | <0.5 | 11 | 0.24 | 1.5 | 10 | 88 | 352 | 16.6 | <10 | <1 | 0.02 | <10 | 0.02 | 58 |
| M323032 | 1.335 | | | 14.4 | 0.08 | 2690 | <10 | 10 | <0.5 | 65 | 0.15 | 2 | 8 | 2 | 1055 | 25.9 | <10 | <1 | 0.03 | 10 | 0.01 | 26 |
| M323033 | 0.077 | | | 0.9 | 0.57 | 494 | <10 | 70 | <0.5 | 2 | 0.55 | 11.2 | 11 | 65 | 143 | 3.96 | <10 | <1 | 0.27 | 10 | 0.43 | 295 |
| M323034 | 0.128 | | | 2.1 | 1.38 | 467 | <10 | 40 | <0.5 | 9 | 7.75 | <0.5 | 10 | 9 | 150 | 8.58 | <10 | <1 | 0.04 | 10 | 0.22 | 1075 |
| M323035 | 0.012 | | | <0.2 | 1.09 | 76 | <10 | 30 | <0.5 | <2 | 7.78 | 0.5 | 11 | 44 | 24 | 4.85 | <10 | <1 | 0.04 | 10 | 0.19 | 1250 |
| M323036 | 0.018 | | | 0.5 | 0.66 | 38 | <10 | 210 | <0.5 | <2 | 2.44 | <0.5 | 7 | 5 | 77 | 2.73 | <10 | <1 | 0.16 | 20 | 0.34 | 400 |
| M323037 | 0.019 | | | 0.2 | 0.55 | 30 | <10 | 80 | <0.5 | <2 | 4.12 | 0.6 | 8 | 33 | 62 | 2.58 | <10 | <1 | 0.07 | 20 | 0.23 | 696 |
| M323038 | 0.008 | | | <0.2 | 2.1 | 30 | <10 | 60 | <0.5 | <2 | 10.55 | <0.5 | 4 | 4 | 15 | 5.13 | <10 | <1 | 0.05 | <10 | 0.33 | 1560 |
| M323039 | 0.701 | 0.378 | 0.272 | 8.6 | 0.85 | 247 | 90 | 60 | <0.5 | 32 | 9.06 | 4.3 | 3 | 45 | 593 | 4.06 | <10 | <1 | 0.07 | <10 | 1 | 1145 |
| M323040 | 0.901 | | | 2.9 | 0.91 | 7 | 10 | 60 | <0.5 | <2 | 1.66 | <0.5 | 28 | 1525 | >10000 | 10.95 | <10 | 1 | 0.45 | <10 | 0.76 | 1005 |
| M323041 | 0.006 | | | <0.2 | 2.14 | 5 | <10 | 150 | <0.5 | <2 | 1.26 | <0.5 | 26 | 1535 | 133 | 5.12 | 10 | <1 | 0.28 | 10 | 0.78 | 757 |
| M323042 | 0.114 | | | 9.2 | 1.24 | 1235 | 10 | 40 | <0.5 | 11 | 7.1 | 32.4 | 7 | 3 | 361 | 6.51 | <10 | <1 | 0.23 | 10 | 1.67 | 867 |
| M323043 | 0.021 | | | 1.7 | 0.65 | 305 | 10 | 90 | <0.5 | 2 | 15 | 2.7 | 1 | 35 | 137 | 2.72 | <10 | <1 | 0.05 | <10 | 0.89 | 603 |
| M323044 | 0.127 | | | 1.8 | 1.21 | 1065 | 10 | 10 | <0.5 | 4 | 7.46 | 1.6 | 15 | 16 | 103 | 10.3 | <10 | <1 | 0.21 | 10 | 1.82 | 805 |
| M323045 | 0.192 | | | 2.5 | 0.65 | 1405 | <10 | 20 | <0.5 | 12 | 3.35 | <0.5 | 16 | 27 | 233 | 12.3 | <10 | <1 | 0.15 | 10 | 0.63 | 566 |
| M323046 | 0.188 | | | 2.2 | 1.3 | 1700 | 10 | 20 | <0.5 | 27 | 4.06 | <0.5 | 17 | 2 | 175 | 14.2 | 10 | 1 | 0.16 | 10 | 0.7 | 811 |
| M323047 | 0.39 | | | 10.9 | 1.53 | 1380 | <10 | 10 | <0.5 | 126 | 0.59 | <0.5 | 20 | 25 | 867 | 24.6 | 10 | 1 | 0.68 | 1310 | 1.09 | 604 |
| M323048 | 0.051 | | | 0.3 | 1.89 | 154 | 10 | 40 | <0.5 | 2 | 11.3 | <0.5 | 18 | 6 | 37 | 8.56 | 10 | <1 | 0.06 | 20 | 0.28 | 2110 |
| M323049 | 0.505 | | | 1.2 | 1.27 | 680 | <10 | 40 | <0.5 | 9 | 6.2 | <0.5 | 11 | 26 | 146 | 7.96 | <10 | <1 | 0.05 | 10 | 0.41 | 996 |
| M323050 | 0.287 | | | 0.7 | 1.12 | 237 | <10 | 90 | <0.5 | 2 | 5.53 | <0.5 | 11 | 3 | 23 | 5.35 | <10 | 1 | 0.11 | 20 | 0.38 | 848 |
| M323051 | 0.162 | | | 0.9 | 0.85 | 130 | <10 | 110 | <0.5 | 2 | 4.75 | 0.5 | 7 | 29 | 82 | 3.78 | <10 | <1 | 0.12 | 20 | 0.44 | 791 |
| M323052 | 0.115 | | | 0.5 | 1.84 | 112 | 10 | 100 | <0.5 | 2 | 7.39 | <0.5 | 3 | 4 | 23 | 4.48 | <10 | 1 | 0.12 | 10 | 0.3 | 1090 |
| M323053 | 0.656 | | | 1.1 | 0.9 | 1100 | <10 | 30 | <0.5 | 5 | 7.28 | <0.5 | 19 | 39 | 124 | 11.35 | <10 | 1 | 0.12 | 20 | 0.66 | 1000 |
| M323054 | 0.172 | | | 1 | 0.93 | 402 | <10 | 60 | <0.5 | 2 | 1.04 | <0.5 | 10 | 36 | 142 | 3.13 | <10 | <1 | 0.39 | 10 | 0.79 | 230 |
| M323055 | 1.19 | | | 2.1 | 0.88 | 1040 | <10 | 40 | <0.5 | 17 | 2.22 | <0.5 | 14 | 45 | 221 | 8.31 | <10 | <1 | 0.37 | 10 | 0.97 | 429 |
| M323056 | 3.39 | | | 67.4 | 0.19 | 4460 | <10 | 10 | <0.5 | 1630 | 2.33 | 9.8 | 32 | 3 | 111 | 25 | <10 | <1 | 0.1 | 20 | 0.24 | 482 |
| M323057 | 3.91 | | | 47 | 0.04 | 4330 | <10 | <10 | <0.5 | 604 | 2.79 | 11.9 | 31 | 37 | 2390 | 22.2 | <10 | <1 | 0.02 | <10 | 0.29 | 647 |
| M323058 | 0.397 | | | 2.4 | 0.34 | 1135 | <10 | 50 | <0.5 | 14 | 2.26 | 9.1 | 10 | 60 | 184 | 8.03 | <10 | <1 | 0.13 | 10 | 0.51 | 533 |
| M323059 | 0.752 | | | 10.7 | 0.24 | 2710 | <10 | 10 | <0.5 | 108 | 1.94 | 0.5 | 29 | 6 | 25 | 26.2 | <10 | <1 | 0.11 | <10 | 0.23 | 294 |
| M323060 | 1.125 | | | 3.1 | 0.9 | 14 | 10 | 70 | <0.5 | 3 | 1.64 | <0.5 | 31 | 1555 | >10000 | 10.8 | <10 | 1 | 0.45 | <10 | 0.81 | 1050 |
| M323061 | 0.01 | | | <0.2 | 2.04 | 7 | <10 | 150 | <0.5 | <2 | 1.24 | <0.5 | 29 | 1530 | 128 | 5 | 10 | <1 | 0.28 | 10 | 0.8 | 760 |
| M323062 | 0.037 | | | 1.5 | 0.55 | 155 | <10 | 130 | <0.5 | 5 | 1.04 | 0.5 | 6 | 75 | 164 | 2.06 | <10 | <1 | 0.25 | 10 | 0.59 | 221 |
| M323063 | 0.23 | | | 6 | 0.68 | 1090 | <10 | 80 | <0.5 | 13 | 2.84 | 4.8 | 8 | 13 | 246 | 3.84 | <10 | <1 | 0.33 | 10 | 1.26 | 1050 |
| M323064 | 0.813 | | | 13.3 | 0.45 | 2000 | <10 | 20 | <0.5 | 43 | 2.2 | 2.3 | 13 | 60 | 165 | 16.3 | <10 | <1 | 0.22 | 10 | 1.01 | 678 |
| M323065 | 0.08 | | | 1.4 | 0.72 | 319 | <10 | 120 | <0.5 | 5 | 1.04 | 0.9 | 8 | 24 | 128 | 2.3 | <10 | <1 | 0.34 | 10 | 0.55 | 312 |
| M323066 | 0.776 | | | 3.3 | 0.29 | 1715 | <10 | 30 | <0.5 | 12 | 2.43 | 11.4 | 18 | 59 | 73 | 12.85 | <10 | <1 | 0.14 | 10 | 0.49 | 567 |
| M323067 | 0.171 | | | 1.5 | 0.59 | 391 | <10 | 100 | <0.5 | 3 | 1.88 | 1.9 | 6 | 17 | 150 | 2.66 | <10 | <1 | 0.24 | 10 | 0.47 | 398 |
| M323068 | 1.565 | | | 66.7 | 0.15 | 5320 | <10 | 10 | <0.5 | 90 | 5.66 | 218 | 59 | 32 | 7170 | 23.1 | <10 | <1 | 0.07 | <10 | 1.73 | 1535 |

| | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu | Zn |
| DESCRIPTION | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | % |
| M323001 | 9 | 0.01 | 46 | 1120 | 56 | 2.98 | 23 | 3 | 75 | <0.01 | <10 | <10 | 41 | <10 | 509 | | |
| M323002 | 5 | 0.01 | 33 | 270 | 5 | 0.9 | 22 | 2 | 17 | <0.01 | <10 | <10 | 17 | <10 | 27 | | |
| M323003 | 8 | 0.01 | 37 | 280 | 6 | 1.5 | 31 | 3 | 19 | 0.01 | <10 | <10 | 26 | <10 | 29 | | |
| M323004 | 10 | 0.01 | 34 | 580 | 776 | 1.56 | 604 | 2 | 37 | 0.01 | <10 | <10 | 24 | <10 | 2410 | | |
| M323005 | 6 | 0.02 | 32 | 290 | 5 | 0.81 | 23 | 3 | 21 | 0.01 | <10 | <10 | 31 | <10 | 29 | | |
| M323006 | 5 | 0.02 | 29 | 240 | 3980 | 2.25 | 3270 | 3 | 168 | <0.01 | <10 | <10 | 19 | <10 | 2760 | | |
| M323007 | 1 | 0.02 | 2 | 2660 | 14 | 1.19 | 14 | 1 | 69 | 0.01 | <10 | <10 | 7 | 20 | 41 | | |
| M323008 | 11 | 0.07 | 26 | 360 | 32 | 0.93 | 31 | 7 | 30 | 0.1 | <10 | <10 | 71 | <10 | 86 | | |
| M323009 | 10 | 0.07 | 26 | 800 | 6 | 1.48 | 8 | 6 | 31 | 0.1 | <10 | <10 | 66 | <10 | 33 | | |
| M323010 | 7 | 0.09 | 26 | 750 | 6 | 1.11 | 12 | 4 | 47 | 0.09 | <10 | <10 | 37 | <10 | 35 | | |
| M323011 | 1 | 0.02 | 7 | 4870 | 37 | >10.0 | 27 | 1 | 90 | 0.01 | <10 | <10 | 11 | <10 | 154 | | |
| M323012 | 1 | 0.04 | 11 | 4670 | 8 | 2.1 | 14 | 1 | 196 | 0.03 | <10 | <10 | 10 | 10 | 36 | | |
| M323013 | 5 | 0.06 | 25 | 710 | 141 | >10.0 | 78 | 3 | 40 | 0.05 | <10 | <10 | 25 | <10 | 218 | | |
| M323014 | 2 | 0.05 | 15 | 2710 | 9 | 1.5 | 25 | 1 | 129 | 0.05 | <10 | <10 | 16 | <10 | 55 | | |
| M323015 | 8 | 0.04 | 21 | 460 | 42 | 1.48 | 62 | 2 | 90 | 0.08 | <10 | <10 | 23 | <10 | 178 | | |
| M323016 | <1 | 0.01 | 2 | 230 | 12 | <0.01 | 21 | <1 | 324 | <0.01 | <10 | <10 | 1 | <10 | 123 | | |
| M323017 | 3 | 0.01 | 4 | 1060 | 2 | 0.6 | 9 | <1 | 270 | 0.01 | <10 | <10 | 3 | 10 | 29 | | |
| M323018 | <1 | 0.01 | 5 | 520 | 209 | >10.0 | 326 | 1 | 31 | <0.01 | <10 | <10 | <1 | 10 | >10000 | | 10.35 |
| M323019 | 2 | 0.11 | 12 | 2420 | 7 | 6.04 | 28 | 2 | 76 | 0.04 | <10 | <10 | 19 | <10 | 134 | | |
| M323020 | 29 | 0.04 | 1345 | 680 | 8 | 3.57 | 7 | 5 | 59 | 0.01 | <10 | <10 | 57 | 10 | 110 | 1.19 | |
| M323021 | 26 | 0.23 | 1375 | 650 | 4 | 0.07 | <2 | 6 | 79 | 0.19 | <10 | <10 | 76 | 10 | 57 | | |
| M323022 | 33 | 0.01 | 40 | 340 | 684 | 2.34 | 625 | 3 | 23 | 0.01 | <10 | <10 | 21 | <10 | 1845 | | |
| M323023 | 16 | 0.01 | 48 | 370 | 387 | 5.01 | 449 | 3 | 18 | 0.02 | <10 | <10 | 29 | <10 | 695 | | |
| M323024 | 17 | 0.03 | 30 | 280 | 35 | 1.02 | 45 | 4 | 14 | 0.08 | <10 | <10 | 33 | <10 | 55 | | |
| M323025 | <1 | <0.01 | 9 | 870 | 99 | >10.0 | 52 | <1 | 8 | <0.01 | <10 | <10 | 3 | <10 | 341 | | |
| M323026 | <1 | 0.01 | 5 | 2100 | 514 | >10.0 | 290 | 2 | 20 | 0.01 | <10 | <10 | 17 | <10 | 911 | | |
| M323027 | 19 | 0.04 | 36 | 400 | 76 | 2.3 | 63 | 7 | 29 | 0.05 | <10 | <10 | 73 | <10 | 533 | | |
| M323028 | 2 | 0.14 | 86 | 990 | 9 | >10.0 | 41 | 3 | 86 | 0.06 | <10 | <10 | 25 | <10 | 359 | | |
| M323029 | 2 | <0.01 | 10 | 3140 | 91 | >10.0 | 67 | 1 | 36 | 0.01 | <10 | 20 | 15 | 140 | 294 | | |
| M323030 | 6 | <0.01 | 20 | 120 | 194 | >10.0 | 104 | 2 | 5 | 0.01 | <10 | <10 | 15 | <10 | 185 | | |
| M323031 | 2 | 0.01 | 11 | 200 | 45 | >10.0 | 18 | 2 | 16 | 0.05 | <10 | <10 | 11 | <10 | 56 | | |
| M323032 | <1 | <0.01 | 3 | 730 | 270 | >10.0 | 150 | 1 | 3 | <0.01 | <10 | <10 | 7 | <10 | 245 | | |
| M323033 | 19 | 0.01 | 35 | 610 | 41 | 3.74 | 45 | 6 | 16 | 0.03 | <10 | <10 | 60 | <10 | 152 | | |
| M323034 | 2 | 0.05 | 3 | 500 | 41 | 5.67 | 29 | 2 | 66 | 0.11 | <10 | <10 | 28 | 10 | 74 | | |
| M323035 | 1 | 0.03 | 4 | 470 | 10 | 0.92 | 18 | 1 | 44 | 0.09 | <10 | <10 | 22 | 10 | 100 | | |
| M323036 | 2 | 0.1 | 5 | 2270 | 15 | 1.08 | 20 | 2 | 89 | 0.19 | <10 | <10 | 44 | <10 | 60 | | |
| M323037 | 1 | 0.05 | 5 | 1530 | 13 | 0.58 | 12 | 1 | 53 | 0.11 | <10 | <10 | 23 | <10 | 51 | | |
| M323038 | 1 | 0.05 | 2 | 470 | 9 | 0.25 | 14 | 2 | 47 | 0.12 | <10 | <10 | 28 | <10 | 39 | | |
| M323039 | 1 | 0.01 | 2 | 190 | 38 | 2.46 | 40 | 1 | 151 | 0.04 | <10 | <10 | 11 | <10 | 583 | | |
| M323040 | 28 | 0.03 | 1250 | 630 | 9 | 3.51 | 4 | 5 | 64 | 0.01 | <10 | <10 | 57 | 10 | 87 | 1.17 | |
| M323041 | 24 | 0.22 | 1270 | 580 | 6 | 0.06 | <2 | 6 | 83 | 0.19 | <10 | <10 | 73 | <10 | 45 | | |
| M323042 | <1 | 0.02 | 3 | 730 | 131 | 6.18 | 97 | 2 | 117 | 0.05 | <10 | <10 | 23 | <10 | 3930 | | |
| M323043 | 1 | 0.01 | 2 | 290 | 24 | 3.05 | 23 | 1 | 163 | 0.03 | <10 | <10 | 9 | <10 | 361 | | |
| M323044 | <1 | 0.01 | 4 | 450 | 37 | >10.0 | 24 | 3 | 132 | 0.03 | <10 | <10 | 21 | <10 | 337 | | |
| M323045 | 1 | 0.02 | 2 | 770 | 27 | >10.0 | 18 | 3 | 59 | 0.04 | <10 | <10 | 34 | <10 | 96 | | |
| M323046 | 2 | 0.02 | 3 | 270 | 16 | >10.0 | 20 | 2 | 47 | 0.09 | <10 | <10 | 31 | 10 | 52 | | |
| M323047 | <1 | <0.01 | 10 | 1000 | 107 | >10.0 | 61 | 3 | 31 | 0.02 | <10 | <10 | 49 | <10 | 66 | | |
| M323048 | <1 | 0.04 | 5 | 520 | 7 | 2.63 | 16 | 2 | 53 | 0.1 | <10 | <10 | 38 | 10 | 47 | | |
| M323049 | <1 | 0.08 | 2 | 860 | 10 | 5.52 | 28 | 1 | 43 | 0.05 | <10 | <10 | 21 | <10 | 329 | | |
| M323050 | <1 | 0.11 | 3 | 1980 | 12 | 3.05 | 18 | 1 | 69 | 0.18 | <10 | <10 | 45 | <10 | 140 | | |
| M323051 | 1 | 0.04 | 2 | 1900 | 11 | 1.68 | 21 | 1 | 52 | 0.14 | <10 | <10 | 52 | <10 | 141 | | |
| M323052 | 1 | 0.08 | 3 | 800 | 10 | 1.3 | 19 | 1 | 88 | 0.11 | <10 | <10 | 24 | <10 | 134 | | |
| M323053 | 1 | 0.02 | 11 | 490 | 13 | 9.26 | 11 | 3 | 37 | 0.04 | 10 | <10 | 25 | <10 | 70 | | |
| M323054 | 13 | 0.11 | 30 | 560 | 11 | 2.24 | 15 | 6 | 25 | 0.15 | <10 | <10 | 73 | <10 | 86 | | |
| M323055 | 1 | 0.06 | 17 | 1300 | 26 | 7.57 | 19 | 4 | 41 | 0.1 | <10 | <10 | 55 | 70 | 84 | | |
| M323056 | 1 | <0.01 | 12 | 510 | 955 | >10.0 | 623 | 1 | 29 | <0.01 | <10 | <10 | 8 | <10 | 1105 | | |
| M323057 | 1 | <0.01 | 10 | 1260 | 604 | >10.0 | 574 | 1 | 31 | <0.01 | <10 | <10 | 4 | <10 | 1425 | | |
| M323058 | 6 | 0.01 | 27 | 620 | 33 | 8.91 | 38 | 5 | 55 | 0.01 | <10 | <10 | 27 | <10 | 1150 | | |
| M323059 | 1 | <0.01 | 13 | 1170 | 192 | >10.0 | 113 | 1 | 28 | <0.01 | <10 | <10 | 10 | <10 | 45 | | |
| M323060 | 29 | 0.03 | 1245 | 640 | 9 | 3.51 | 3 | 5 | 62 | 0.01 | <10 | <10 | 59 | 10 | 82 | 1.19 | |
| M323061 | 25 | 0.23 | 1220 | 570 | 4 | 0.07 | <2 | 6 | 80 | 0.19 | <10 | <10 | 75 | 10 | 44 | | |
| M323062 | 17 | 0.02 | 33 | 400 | 15 | 1.53 | 14 | 8 | 45 | 0.07 | <10 | <10 | 63 | <10 | 70 | | |
| M323063 | 10 | 0.01 | 25 | 500 | 84 | 3.86 | 48 | 5 | 122 | <0.01 | <10 | <10 | 23 | <10 | 630 | | |
| M323064 | 8 | 0.01 | 22 | 720 | 176 | >10.0 | 96 | 5 | 99 | 0.02 | <10 | <10 | 24 | <10 | 284 | | |
| M323065 | 20 | 0.02 | 28 | 340 | 16 | 1.82 | 11 | 6 | 40 | 0.03 | <10 | <10 | 40 | <10 | 106 | | |
| M323066 | 6 | <0.01 | 21 | 840 | 75 | >10.0 | 31 | 3 | 42 | <0.01 | <10 | <10 | 13 | <10 | 1425 | | |
| M323067 | 10 | 0.01 | 25 | 320 | 24 | 2.54 | 15 | 6 | 50 | 0.01 | <10 | <10 | 29 | <10 | 262 | | |
| M323068 | 1 | 0.01 | 8 | 3360 | 344 | >10.0 | 256 | 2 | 88 | <0.01 | <10 | <10 | 15 | 20 | >10000 | 0.69 | 2.88 |

VA05059000 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 159
DATE RECEIVED : 2005-07-18 DATE FINALIZED : 2005-07-29
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 | Pb-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu | Pb | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | % | % |
| M018722 | 1.695 | 40 | 0.09 | 4060 | <10 | 10 | <0.5 | 72 | 3.47 | 12.6 | 99 | 51 | >10000 | 28.6 | <10 | <1 | 0.04 | <10 | 0.43 | 382 | 3 | 0.01 | 10 | 1020 | 173 | >10.0 | 92 | 1 | 54 | <0.01 | 10 | 10 | 9 | 10 | 1720 | 1.01 | | |
| M018723 | 3.94 | 47 | 0.29 | 7110 | <10 | 20 | <0.5 | 104 | 6.44 | 126 | 19 | 40 | 5690 | 23.5 | <10 | 1 | 0.13 | <10 | 1.76 | 1625 | 1 | 0.01 | 15 | 5350 | 336 | >10.0 | 182 | 2 | 92 | <0.01 | <10 | 10 | 20 | <10 | >10000 | | | 1.5 |
| M018724 | 0.428 | 94.9 | 0.27 | 2950 | <10 | 30 | <0.5 | 82 | 16 | >500 | 2 | 19 | 6210 | 7.07 | <10 | 2 | 0.11 | 10 | 5.06 | 3980 | <1 | 0.02 | 4 | >10000 | 294 | 6.37 | 403 | 3 | 275 | <0.01 | <10 | 10 | 20 | 40 | >10000 | | | 9.67 |
| M323069 | 0.278 | 5.5 | 0.35 | >10000 | <10 | 10 | <0.5 | 5 | 2.35 | 3 | 24 | 89 | 199 | 6.92 | <10 | <1 | 0.14 | <10 | 0.49 | 479 | 7 | 0.01 | 28 | 310 | 2230 | 6.58 | 1805 | 2 | 52 | 0.01 | <10 | 10 | 13 | <10 | 341 | | | |
| M323070 | 0.165 | 65.6 | 0.39 | 5180 | <10 | 10 | <0.5 | 9 | 1.14 | 8.8 | 6 | 86 | 256 | 14.8 | <10 | <1 | 0.22 | <10 | 0.43 | 1305 | 1 | 0.01 | 8 | 1280 | >10000 | >10.0 | >10000 | 1 | 38 | <0.01 | <10 | <10 | 8 | <10 | 489 | | 2.52 | |
| M323071 | 0.209 | 4.6 | 0.34 | 3040 | <10 | 70 | <0.5 | 9 | 1.22 | 8.8 | 7 | 103 | 64 | 3.66 | <10 | <1 | 0.2 | <10 | 0.41 | 730 | 5 | 0.01 | 25 | 330 | 368 | 3.55 | 154 | 2 | 29 | <0.01 | <10 | 10 | 10 | <10 | 1105 | | | |
| M323072 | 0.228 | 21.9 | 0.37 | 3730 | <10 | 60 | <0.5 | 13 | 2.88 | 41.9 | 11 | 128 | 215 | 6.37 | <10 | <1 | 0.22 | <10 | 1.16 | 2400 | 3 | 0.01 | 36 | 600 | 2610 | 7.04 | 1055 | 2 | 49 | <0.01 | <10 | 10 | 8 | <10 | 5300 | | | |
| M323073 | 0.054 | 0.8 | 0.04 | 2580 | <10 | 20 | <0.5 | <2 | >25.0 | <0.5 | 3 | 11 | 216 | 10.9 | <10 | 1 | 0.01 | <10 | 0.33 | 1260 | 1 | 0.01 | <1 | 740 | 26 | 9.16 | 244 | 1 | 280 | <0.01 | <10 | 20 | 2 | <10 | 29 | | | |
| M323074 | 0.037 | 1.9 | 0.14 | 1985 | <10 | 20 | <0.5 | <2 | 17.6 | <0.5 | 3 | 28 | 355 | 27.1 | <10 | <1 | 0.01 | 20 | 0.28 | 1750 | <1 | 0.01 | 7 | 3410 | 65 | >10.0 | 281 | 1 | 152 | <0.01 | 10 | 10 | 9 | 10 | 152 | | | |
| M323075 | 0.011 | 0.5 | 0.42 | 655 | <10 | 80 | <0.5 | <2 | 0.81 | 2.1 | 2 | 84 | 39 | 7.01 | <10 | <1 | 0.12 | 20 | 0.85 | 794 | 13 | 0.01 | 31 | 580 | 17 | 2.87 | 14 | 5 | 22 | <0.01 | <10 | <10 | 44 | <10 | 288 | | | |
| M323076 | 0.014 | 0.4 | 0.4 | 460 | <10 | 90 | <0.5 | <2 | 0.52 | 0.6 | 4 | 104 | 114 | 8.73 | <10 | <1 | 0.15 | 10 | 0.3 | 564 | 5 | 0.02 | 23 | 360 | 16 | 3.31 | 18 | 5 | 17 | 0.01 | <10 | <10 | 32 | 10 | 75 | | | |
| M323077 | 0.031 | 0.8 | 0.34 | 609 | <10 | 20 | <0.5 | 3 | 0.68 | 3.6 | 6 | 77 | 225 | 11.45 | <10 | <1 | 0.12 | 10 | 0.36 | 584 | 11 | 0.02 | 36 | 350 | 88 | 7.39 | 60 | 5 | 18 | 0.01 | <10 | <10 | 34 | <10 | 431 | | | |
| M323078 | 0.023 | 0.7 | 0.74 | 275 | <10 | 50 | <0.5 | <2 | 0.75 | 0.5 | 5 | 115 | 126 | 5.51 | <10 | <1 | 0.16 | 10 | 0.71 | 405 | 8 | 0.04 | 32 | 470 | 27 | 2.94 | 21 | 5 | 24 | 0.03 | <10 | <10 | 47 | <10 | 74 | | | |
| M323079 | 0.011 | 0.4 | 1.19 | 83 | <10 | 250 | 0.5 | <2 | 0.42 | <0.5 | 6 | 106 | 55 | 2.26 | 10 | 1 | 0.43 | 10 | 0.93 | 220 | 5 | 0.04 | 30 | 230 | 10 | 0.44 | 9 | 7 | 19 | 0.1 | <10 | <10 | 55 | <10 | 37 | | | |
| M323080 | 0.912 | 2.7 | 0.91 | 20 | <10 | 60 | <0.5 | 14 | 1.72 | <0.5 | 30 | 1520 | >10000 | 11.55 | <10 | 2 | 0.44 | <10 | 0.82 | 1055 | 28 | 0.04 | 1270 | 640 | 12 | 3.52 | 10 | 5 | 62 | 0.01 | <10 | <10 | 55 | 10 | 84 | 1.2 | | |
| M323081 | 0.007 | <0.2 | 1.99 | 7 | <10 | 150 | <0.5 | <2 | 1.26 | <0.5 | 29 | 1500 | 138 | 5.23 | 10 | <1 | 0.27 | 10 | 0.79 | 755 | 24 | 0.22 | 1255 | 560 | <2 | 0.07 | 4 | 6 | 77 | 0.18 | <10 | <10 | 70 | <10 | 45 | | | |
| M323082 | 0.133 | 3.3 | 0.32 | 1310 | <10 | 30 | <0.5 | 2 | 0.67 | 2 | 4 | 129 | 376 | 10.5 | <10 | <1 | 0.12 | 80 | 0.81 | 655 | 7 | 0.01 | 27 | 570 | 34 | 8.27 | 27 | 3 | 22 | <0.01 | <10 | <10 | 22 | <10 | 263 | | | |
| M323083 | 1.81 | 20.3 | 0.06 | >10000 | <10 | <10 | <0.5 | 12 | 0.35 | 3.4 | 15 | 23 | 2350 | 29.5 | <10 | 1 | 0.02 | <10 | 0.15 | 369 | 1 | 0.01 | 10 | 1160 | 286 | >10.0 | 221 | <1 | 5 | <0.01 | <10 | <10 | 2 | 10 | 410 | | | |
| M323084 | 0.101 | 1.2 | 0.36 | 703 | <10 | 70 | <0.5 | <2 | 0.33 | 1.2 | 5 | 118 | 105 | 6.51 | <10 | <1 | 0.15 | 10 | 0.29 | 415 | 7 | 0.01 | 26 | 390 | 76 | 3.35 | 32 | 4 | 14 | <0.01 | <10 | <10 | 29 | <10 | 174 | | | |
| M323085 | 0.069 | 0.6 | 0.94 | 432 | <10 | 110 | <0.5 | 2 | 0.84 | 1.3 | 5 | 108 | 116 | 3 | <10 | <1 | 0.18 | 10 | 0.8 | 278 | 12 | 0.05 | 32 | 360 | 365 | 1.28 | 265 | 5 | 25 | 0.04 | <10 | <10 | 64 | <10 | 134 | | | |
| M323086 | 0.105 | 0.9 | 1.03 | 303 | <10 | 70 | <0.5 | 2 | 0.66 | 1.5 | 7 | 125 | 182 | 5.66 | <10 | <1 | 0.21 | 10 | 0.87 | 307 | 13 | 0.05 | 38 | 310 | 95 | 3.42 | 83 | 5 | 23 | 0.03 | <10 | <10 | 66 | <10 | 166 | | | |
| M323087 | 0.164 | 7.7 | 0.64 | 1845 | <10 | 30 | <0.5 | 5 | 0.59 | 0.7 | 16 | 128 | 442 | 7.14 | <10 | <1 | 0.3 | 10 | 0.59 | 482 | 8 | 0.02 | 43 | 530 | 1015 | 6.06 | 721 | 3 | 26 | 0.01 | <10 | <10 | 32 | <10 | 56 | | | |
| M323088 | 0.187 | 2.1 | 0.42 | 1175 | <10 | 60 | <0.5 | 4 | 0.71 | <0.5 | 9 | 84 | 86 | 5.71 | <10 | <1 | 0.25 | <10 | 0.68 | 563 | 9 | 0.01 | 33 | 310 | 191 | 4.94 | 130 | 2 | 34 | <0.01 | <10 | <10 | 15 | <10 | 47 | | | |
| M323089 | 0.232 | 1.3 | 0.34 | 6570 | <10 | 20 | <0.5 | <2 | 1.79 | 5.9 | 11 | 72 | 52 | 7.78 | <10 | 1 | 0.18 | <10 | 0.97 | 847 | 9 | 0.01 | 42 | 290 | 91 | 7.06 | 48 | 2 | 85 | <0.01 | <10 | <10 | 13 | <10 | 747 | | | |
| M323090 | 0.214 | 1.9 | 0.42 | 6740 | <10 | 70 | <0.5 | 4 | 2.75 | 1.1 | 7 | 72 | 83 | 5.24 | <10 | <1 | 0.21 | 10 | 1.34 | 1000 | 10 | 0.01 | 39 | 200 | 85 | 4.41 | 45 | 2 | 84 | <0.01 | <10 | <10 | 17 | <10 | 172 | | | |
| M323091 | 0.124 | 0.9 | 0.75 | 1465 | <10 | 100 | <0.5 | 2 | 1.2 | 0.7 | 7 | 58 | 34 | 3.44 | <10 | 1 | 0.25 | <10 | 0.83 | 389 | 1 | 0.02 | 21 | 190 | 47 | 2.21 | 18 | 3 | 54 | 0.01 | <10 | <10 | 23 | <10 | 101 | | | |
| M323092 | 0.06 | 1.7 | 1.1 | 2970 | <10 | 80 | <0.5 | 4 | 2.3 | 2.9 | 12 | 73 | 150 | 4.83 | <10 | 1 | 0.19 | 170 | 1.26 | 536 | 14 | 0.03 | 22 | 480 | 196 | 2.93 | 144 | 3 | 87 | 0.01 | <10 | <10 | 48 | <10 | 368 | | | |
| M323093 | 0.028 | 3.3 | 1.06 | 263 | <10 | 40 | 0.5 | 2 | 1.44 | 0.7 | 14 | 67 | 198 | 5.85 | <10 | <1 | 0.22 | 20 | 1.1 | 353 | 7 | 0.02 | 29 | 330 | 153 | 3.5 | 91 | 3 | 78 | 0.01 | <10 | <10 | 37 | <10 | 74 | | | |
| M323094 | 0.077 | 9.2 | 0.52 | 1820 | <10 | 10 | <0.5 | 7 | 1.08 | 2 | 19 | 103 | 332 | 11.2 | <10 | <1 | 0.21 | <10 | 0.54 | 462 | 7 | 0.02 | 32 | 220 | 1065 | 9.35 | 1715 | 3 | 42 | 0.01 | <10 | <10 | 20 | <10 | 41 | | | |
| M323095 | 0.035 | 4.3 | 0.36 | 908 | 10 | 60 | <0.5 | <2 | 0.34 | 0.6 | 18 | 73 | 147 | 5.32 | <10 | <1 | 0.18 | <10 | 0.23 | 164 | 7 | 0.01 | 27 | 270 | 387 | 3.23 | 446 | 1 | 17 | <0.01 | <10 | <10 | 10 | <10 | 52 | | | |
| M323096 | 0.095 | 2 | 0.23 | 1530 | 10 | 60 | <0.5 | 5 | 0.15 | 0.6 | 6 | 149 | 68 | 3.69 | <10 | <1 | 0.14 | <10 | 0.06 | 174 | 3 | 0.01 | 31 | 260 | 46 | 3.25 | 60 | 1 | 6 | <0.01 | <10 | <10 | 4 | <10 | 55 | | | |
| M323097 | 2.39 | 10.5 | 0.18 | >10000 | <10 | <10 | <0.5 | 39 | 0.49 | 1.3 | 31 | 73 | 170 | 21.9 | <10 | <1 | 0.11 | <10 | 0.21 | 140 | 3 | 0.01 | 29 | 240 | 218 | >10.0 | 328 | <1 | 10 | <0.01 | <10 | <10 | 4 | <10 | 106 | | | |
| M323098 | 0.479 | 8.5 | 0.45 | 3130 | <10 | 70 | <0.5 | 11 | 0.26 | <0.5 | 7 | 92 | 211 | 4.22 | <10 | 1 | 0.26 | <10 | 0.21 | 350 | 9 | 0.01 | 35 | 250 | 33 | 3.67 | 81 | 2 | 10 | <0.01 | <10 | <10 | 11 | <10 | 57 | | | |
| M323099 | 0.039 | 2.4 | 0.97 | 1075 | <10 | 130 | <0.5 | 4 | 1.12 | 1 | 8 | 89 | 327 | 3.22 | <10 | <1 | 0.45 | 10 | 0.98 | 340 | 5 | 0.05 | 29 | 320 | 30 | 1.73 | 67 | 7 | 41 | 0.06 | <10 | <10 | 56 | <10 | 152 | | | |
| M323100 | 1.015 | 2.8 | 0.93 | 18 | 10 | 50 | <0.5 | 3 | 1.73 | <0.5 | 30 | 1520 | >10000 | 11.5 | <10 | 2 | 0.44 | <10 | 0.82 | 1055 | 28 | 0.04 | 1260 | 630 | 5 | 3.47 | 13 | 5 | 62 | 0.01 | <10 | <10 | 56 | 10 | 84 | 1.21 | | |
| M323101 | 0.008 | 0.2 | 2.13 | 12 | <10 | 160 | <0.5 | <2 | 1.34 | <0.5 | 29 | 1565 | 138 | 5.53 | 10 | <1 | 0.28 | 10 | 0.84 | 799 | 25 | 0.23 | 1300 | 590 | 9 | 0.08 | 4 | 6 | 83 | 0.19 | <10 | <10 | 74 | 10 | 48 | | | |
| M323102 | 0.099 | 5.9 | 0.77 | 915 | <10 | 50 | 0.5 | 3 | 1.14 | 10 | 11 | 138 | 189 | 5.9 | <10 | <1 | 0.34 | 20 | 0.67 | 636 | 2 | 0.02 | 37 | 240 | 227 | 3.95 | 64 | 4 | 35 | 0.02 | <10 | <10 | 30 | <10 | 1220 | | | |
| M323103 | 0.01 | 0.6 | 1.07 | 196 | <10 | 140 | 0.6 | 2 | 0.39 | 1.9 | 9 | 75 | 106 | 3.03 | <10 | <1 | 0.24 | 20 | 0.79 | 311 | 4 | 0.02 | 33 | 280 | 12 | 1.44 | 26 | 4 | 33 | 0.03 | <10 | <10 | 38 | <10 | 207 | | | |
| M323104 | 0.058 | 1.8 | 0.53 | 462 | <10 | 50 | <0.5 | 5 | 1.6 | 1.2 | 7 | 116 | 30 | 5.18 | <10 | 1 | 0.25 | 10 | 0.82 | 670 | 4 | 0.01 | 25 | 380 | 92 | 3.82 | 13 | 3 | 68 | 0.01 | <10 | <10 | 21 | <10 | 186 | | | |
| M323105 | 0.021 | 0.6 | 0.48 | 240 | <10 | 120 | <0.5 | 2 | 0.93 | <0.5 | 4 | 68 | 56 | 2.61 | <10 | <1 | 0.17 | 10 | 0.58 | 267 | 8 | 0.02 | 31 | 390 | 15 | 1.62 | 17 | 4 | 36 | 0.01 | <10 | <10 | 32 | <10 | 60 | | | |
| M323106 | 0.163 | 1.4 | 0.18 | 2020 | <10 | 20 | <0.5 | 7 | 0.96 | 0.6 | 31 | 36 | 496 | 22.4 | <10 | <1 | 0.05 | 40 | 0.42 | 537 | 2 | 0.01 | 35 | 1270 | 18 | >10.0 | 128 | 2 | 114 | <0.01 | <10 | <10 | 28 | 10 | 31 | | | |
| M323107 | 0.139 | 4.3 | 0.35 | 821 | <10 | 20 | <0.5 | 12 | 1.03 | 2.1 | 6 | 82 | 66 | 7.56 | <10 | <1 | 0.18 | 10 | 0.48 | 499 | 3 | 0.01 | 27 | 320 | 915 | 6.53 | 294 | 3 | 50 | <0.01 | <10 | <10 | 14 | <10 | 294 | | | |
| M323108 | 0.047 | 1.7 | 0.07 | 383 | <10 | 70 | <0.5 | 17 | >25.0 | 85.9 | 3 | 23 | 158 | 4.11 | <10 | <1 | 0.01 | <10 | 0.14 | 812 | 1 | 0.02 | 1 | 1200 | 69 | 4.07 | 53 | <1 | 560 | <0.01 | <10 | <10 | 4 | <10 | 8000 | | | |
| M323109 | <0.005 | 0.5 | 0.06 | 54 | <10 | 110 | <0.5 | <2 | >25.0 | 0.9 | <1 | 5 | 9 | 0.48 | <10 | <1 | 0.01 | <10 | 0.12 | 564 | <1 | 0.01 | <1 | 1520 | 16 | 0.2 | 12 | <1 | 600 | <0.01 | <10 | <10 | 1 | <10 | 80 | | | |
| M323110 | 0.152 | 6.4 | 1 | 1395 | <10 | 20 | 0.7 | 11 | 6.43 | 66.6 | 15 | 80 | 200 | 9.82 | <10 | <1 | 0.14 | 20 | 1.06 | 1435 | 6 | 0.04 | 27 | 7690 | 564 | 6.84 | 70 | 6 | 119 | 0.03 | <10 | <10 | 43 | <10 | 7530 | | | |
| M323111 | 0.023 | 0.5 | 0.79 | 499 | <10 | 120 | <0.5 | 3 | 1.08 | 0.5 | 8 | 88 | 59 | 3.75 | <10 | 1 | 0.27 | 10 | 0.85 | 467 | 7 | 0.02 | 32 | 340 | 23 | 2.14 | 15 | 5 | 47 | 0.03 | 10 | <10 | 47 | <10 | 86 | | | |
| M323112 | 0.058 | 1.6 | 0.96 | 480 | <10 | 120 | <0.5 | 3 | 0.82 | 0.8 | 8 | 116 | 168 | 3.13 | <10 | <1 | 0.42 | 10 | 0.91 | 389 | 6 | 0.02 | 32 | 330 | 28 | 1.54 | 16 | 6 | 41 | 0.07 | <10 | <10 | 55 | <10 | 95 | | | |
| M323113 | 0.018 | 0.5 | 1.09 | 370 | <10 | 150 | 0.5 | 3 | 0.56 | 0.8 | 9 | 93 | 74 | 3.02 | <10 | <1 | 0.42 | 10 | 0.82 | 357 | 5 | 0.02 | 35 | 330 | 16 | 1.46 | 14 | 7 | 32 | 0.08 | <10 | <10 | 59 | <10 | 92 | | | |
| M323114 | 0.626 | 11.2 | 0.81 | >10000 | <10 | 50 | 1.4 | 27 | 10.6 | 1.8 | 4 | 48 | 440 | 7.53 | <10 | 1 | 0.06 | 20 | 3.43 | 5760 | 5 | 0.01 | 17 | 1040 | 214 | 5.29 | 207 | 9 | 190 | <0.01 | <10 | <10 | 31 | <10 | 260 | | | |
| M323115 | 0.015 | 0.2 | 0.8 | 45 | 10 | 90 | 0.7 | 2 | 18.8 | 10.2 | 4 | 30 | 36 | 1.58 | <10 | <1 | 0.01 | 10 | 0.64 | 1590 | 3 | 0.02 | 19 | 1360 | 73 | 0.44 | 73 | 3 | 683 | 0.03 | <10 | <10 | 18 | <10 | 1185 | | | |
| M323116 | 0.029 | 0.3 | 0.9 | 136 | <10 | 290 | 0.7 | <2 | 6.72 | <0.5 | 7 | 52 | 68 | 1.84 | <10 | <1 | 0.08 | 10 | 0.42 | 802 | 13 | 0.09 | 31 | 730 | 10 | 0.7 | 104 | 9 | 236 | 0.04 | <10 | <10 | 60 | <10 | 33 | | | |
| M323117 | 0.027 | 0.2 | 1.01 | 78 | <10 | 230 | 0.6 | <2 | 7.69 | <0.5 | 6 | 80 | 51 | 1.9 | <10 | <1 | 0.13 | 10 | 0.37 | 766 | 13 | 0.1 | 33 | 1200 | 7 | 0.65 | 45 | 6 | 198 | 0.07 | <10 | <10 | 76 | <10 | 56 | | | |
| M323118 | 0.072 | 2.4 | 0.92 | 2190 | 10 | 170 | <0.5 | <2 | 0.83 | 1.1 | 12 | 83 | 78 | 2.5 | <10 | <1 | 0.28 | 10 | 0.76 | 172 | 5 | 0.01 | 30 | 220 | 122 | 1.36 | 2530 | 5 | 37 | 0.04 | <10 | <10 | 39 | <10 | 30 | | | |
| M323119 | 0.469 | 38.1 | 0.43 | 992 | <10 | 60 | <0.5 | 161 | 0.81 | 5.9 | 10 | 95 | 161 | 4.09 | <10 | <1 | 0.23 | 10 | 0.45 | 366 | 4 | <0.01 | 27 | 220 | 2300 | 3.77 | 2200 | 3 | 28 | 0.01 | <10 | <10 | 16 | <10 | 779 | | | |
| M323120 | 1.02 | 2.9 | 0.87 | 13 | 10 | 60 | <0.5 | 5 | 1.64 | <0.5 | 26 | 1525 | >10000 | 10.55 | <10 | 1 | 0.43 | <10 | 0.77 | 992 | 28 | 0.03 | 1180 | 610 | 16 | 3.33 | 12 | 5 | 60 | 0.01 | <10 | <10 | 54 | 10 | 86 | 1.19 | | |
| M323121 | 0.007 | 0.2 | 2.04 | 4 | <10 | 150 | <0.5 | <2 | 1.26 | <0.5 | 27 | 1570 | 129 | 5.03 | 10 | 1 | 0.27 | 10 | 0.79 | 752 | 25 | 0.22 | 1215 | 560 | 6 | 0.06 | 6 | 5 | 78 | 0.19 | <10 | <10 | 73 | <10 | 46 | | | |
| M323122 | 0.136 | 0.5 | 2.05 | 68 | <10 | 80 | 0.6 | <2 | 3.6 | <0.5 | 11 | 51 | 330 | 7.56 | 10 | 1 | 0.06 | 10 | 0.25 | 1030 | 6 | 0.16 | 15 | 740 | 16 | 3.01 | 34 | 2 | 64 | 0.07 | <10 | <10 | 26 | <10 | 70 | | | |
| M323123 | 0.223 | 0.6 | 0.46 | 122 | 10 | 20 | <0.5 | 2 | 17.4 | <0.5 | 29 | 36 | 629 | 19.8 | <10 | <1 | 0.02 | <10 | 0.12 | 983 | 2 | 0.02 | 16 | 1640 | 18 | >10.0 | 27 | 1 | 80 | 0.03 | <10 | <10 | 12 | <10 | 55 | | | |
| M323124 | 0.257 | 2.7 | 1.94 | 26 | <10 | 40 | 0.8 | 2 | 6.27 | <0.5 | 17 | 42 | 2840 | 7.97 | 10 | 1 | 0.03 | 60 | 0.56 | 1110 | 62 | 0.06 | 18 | 1720 | 11 | 1.02 | 9 | 3 | 73 | 0.09 | <10 | <10 | 49 | <10 | 45 | | | |
| M323125 | 0.911 | 30.5 | 0.93 | 2410 | <10 | 10 | <0.5 | 4 | 8.83 | <0.5 | 13 | 44 | 1675 | 18.8 | 10 | 1 | 0.02 | 20 | 0.38 | 2090 | 361 | 0.01 | 147 | 950 | 32 | 4.15 | 187 | 2 | 23 | 0.03 | <10 | <10 | 37 | 10 | 85 | | | |
| M323126 | 0.604 | 15.9 | 0.71 | 3310 | <10 | 10 | 0.6 | 3 | 6.65 | <0.5 | 54 | 30 | 2630 | 22.9 | 10 | 1 | 0.03 | <10 | 0.51 | 2620 | 2400 | 0.01 | 682 | 1960 | 22 | 5.15 | 151 | 1 | 14 | 0.01 | <10 | <10 | 29 | 30 | 88 | | | |
| M323127 | 0.132 | 9.6 | 0.73 | >10000 | <10 | 30 | 1 | 4 | 5.78 | <0.5 | 17 | 93 | 1095 | 22.8 | 10 | 2 | 0.03 | 20 | 0.57 | 4190 | 195 | <0.01 | 65 | 2150 | 22 | 7.98 | 192 | 3 | 30 | 0.02 | 10 | <10 | 33 | 10 | 87 | | | |
| M323128 | 0.038 | 2.5 | 0.8 | 116 | <10 | 90 | 0.6 | <2 | 2.52 | <0.5 | 5 | 108 | 457 | 2.28 | <10 | <1 | 0.1 | 10 | 0.66 | 1650 | 106 | 0.05 | 23 | 140 | 5 | 1.05 | 30 | 5 | 37 | 0.07 | <10 | <10 | 46 | <10 | 34 | | | |
| M323129 | 0.058 | 1.5 | 1.16 | 288 | <10 | 60 | 1 | <2 | 5.23 | <0.5 | 13 | 70 | 994 | 6.78 | <10 | 1 | 0.11 | 140 | 0.66 | 1210 | 74 | 0.02 | 29 | 950 | 6 | 2.19 | 6 | 7 | 99 | 0.03 | <10 | <10 | 61 | <10 | 45 | | | |
| M323130 | 0.657 | 2.1 | 0.75 | 229 | <10 | 10 | <0.5 | 6 | 12.35 | <0.5 | 32 | 40 | 1525 | 18.5 | 10 | <1 | 0.01 | 10 | 0.21 | 2060 | 47 | 0.01 | 78 | 1180 | 12 | 7.52 | 5 | 1 | 32 | 0.02 | <10 | <10 | 35 | 30 | 22 | | | |
| M323131 | 0.08 | 2.9 | 0.71 | 178 | <10 | 10 | <0.5 | 5 | 9.28 | <0.5 | 73 | 35 | 2240 | 19.2 | 10 | <1 | <0.01 | <10 | 0.24 | 1430 | 87 | 0.01 | 80 | 4060 | 9 | >10.0 | <2 | 2 | 36 | 0.01 | <10 | <10 | 42 | 10 | 21 | | | |
| M323132 | 0.025 | 0.9 | 0.9 | 215 | <10 | 30 | 0.9 | 2 | 3.28 | <0.5 | 12 | 74 | 536 | 3.92 | <10 | <1 | 0.13 | 20 | 0.57 | 820 | 137 | 0.02 | 42 | 460 | 2 | 2.81 | 16 | 7 | 77 | 0.01 | <10 | <10 | 41 | <10 | 30 | | | |
| M323133 | 0.13 | 2.6 | 0.67 | 51 | <10 | 30 | <0.5 | 4 | 3.09 | <0.5 | 28 | 131 | 2050 | 8.41 | <10 | <1 | 0.19 | 10 | 0.46 | 462 | 12 | 0.06 | 37 | 1510 | 3 | 7.59 | 2 | 4 | 38 | 0.11 | <10 | <10 | 38 | <10 | 25 | | | |
| M323134 | 0.045 | 1.1 | 0.95 | 499 | <10 | 20 | 0.5 | 2 | 4.02 | <0.5 | 10 | 93 | 804 | 6.22 | <10 | <1 | 0.13 | 10 | 0.49 | 871 | 10 | 0.05 | 30 | 2150 | 2 | 2.88 | 5 | 5 | 79 | 0.05 | <10 | <10 | 38 | 10 | 27 | | | |
| M323135 | 0.083 | 1.2 | 0.76 | 60 | <10 | 50 | <0.5 | 5 | 8.32 | <0.5 | 8 | 118 | 499 | 8.66 | <10 | <1 | 0.06 | 10 | 0.38 | 1055 | 14 | 0.04 | 27 | 1320 | 8 | 2.91 | 11 | 5 | 49 | 0.07 | <10 | <10 | 41 | 10 | 25 | | | |
| M323136 | 0.539 | 4.8 | 0.69 | 188 | <10 | 20 | 0.5 | 7 | 7.34 | <0.5 | 21 | 19 | 3270 | 23.4 | 10 | 1 | 0.03 | 10 | 0.23 | 1115 | 3 | 0.01 | 85 | 1990 | 11 | 4.9 | 9 | 2 | 64 | 0.01 | <10 | <10 | 47 | 20 | 26 | | | |
| M323137 | 0.231 | 1.1 | 0.62 | 707 | <10 | 30 | 0.5 | 4 | 12 | <0.5 | 8 | 102 | 655 | 12.65 | 10 | 2 | 0.06 | 10 | 0.28 | 1995 | 13 | 0.02 | 24 | 540 | 26 | 1.27 | 9 | 3 | 63 | 0.01 | <10 | <10 | 20 | 20 | 24 | | | |
| M323138 | 0.073 | 0.7 | 0.95 | 254 | <10 | 50 | <0.5 | <2 | 7.14 | <0.5 | 8 | 104 | 332 | 7.05 | <10 | <1 | 0.09 | 10 | 0.34 | 1275 | 16 | 0.06 | 22 | 1730 | 7 | 0.84 | 6 | 5 | 69 | 0.07 | <10 | <10 | 54 | 10 | 48 | | | |
| M323139 | 0.055 | 0.6 | 1.13 | 148 | <10 | 30 | <0.5 | <2 | 6.57 | <0.5 | 5 | 118 | 324 | 6.56 | 10 | 2 | 0.06 | <10 | 0.25 | 1000 | 21 | 0.11 | 22 | 750 | 9 | 0.87 | 3 | 4 | 49 | 0.11 | <10 | <10 | 49 | 10 | 32 | | | |
| M323140 | 0.955 | 2.7 | 0.79 | 14 | 10 | 50 | <0.5 | 4 | 1.66 | <0.5 | 28 | 1485 | >10000 | 10.15 | <10 | 2 | 0.4 | <10 | 0.75 | 965 | 27 | 0.03 | 1150 | 590 | 10 | 3.26 | 6 | 5 | 59 | 0.01 | <10 | <10 | 52 | <10 | 82 | 1.2 | | |
| M323141 | 0.008 | <0.2 | 1.99 | 8 | <10 | 140 | <0.5 | <2 | 1.22 | <0.5 | 26 | 1510 | 122 | 4.86 | 10 | 1 | 0.27 | 10 | 0.77 | 729 | 24 | 0.21 | 1175 | 550 | 3 | 0.06 | 3 | 5 | 76 | 0.19 | <10 | <10 | 71 | <10 | 44 | | | |
| M323142 | 0.032 | 0.6 | 1.54 | 351 | <10 | 10 | <0.5 | 7 | 17.4 | <0.5 | 1 | 72 | 205 | 17.6 | 10 | 2 | 0.02 | <10 | 0.13 | 2770 | 2 | <0.01 | 6 | 3940 | 14 | 3.14 | 2 | 3 | 32 | 0.06 | <10 | <10 | 38 | 20 | 12 | | | |
| M323143 | 0.061 | 0.8 | 1.23 | 539 | <10 | 10 | 0.6 | 5 | 16.1 | <0.5 | 1 | 84 | 229 | 16.6 | 10 | 2 | 0.04 | <10 | 0.35 | 3430 | 1 | <0.01 | 10 | 2250 | 11 | 3.16 | 8 | 2 | 74 | 0.03 | <10 | <10 | 31 | 10 | 14 | | | |
| M323144 | 0.012 | 0.3 | 1.12 | 255 | <10 | 30 | 0.7 | 5 | 12.45 | <0.5 | 1 | 78 | 122 | 10.2 | 10 | 2 | 0.04 | 10 | 0.45 | 2790 | 25 | 0.02 | 14 | 220 | 14 | 2.15 | 4 | 6 | 68 | 0.09 | <10 | <10 | 36 | 10 | 28 | | | |
| M323145 | 0.084 | 10.6 | 0.56 | 251 | <10 | 20 | <0.5 | 12 | 5.32 | 0.5 | 13 | 125 | 815 | 16.8 | <10 | 2 | 0.08 | <10 | 0.42 | 1360 | 17 | 0.01 | 20 | 1130 | 17 | >10.0 | 156 | 3 | 41 | 0.03 | <10 | <10 | 28 | 10 | 62 | | | |
| M323146 | 0.046 | 1.1 | 1.01 | 121 | <10 | 10 | 0.5 | 11 | 8.72 | <0.5 | 13 | 95 | 459 | 16.2 | 10 | <1 | 0.02 | 10 | 0.47 | 1385 | 20 | 0.03 | 20 | 640 | 8 | >10.0 | <2 | 4 | 43 | 0.09 | <10 | <10 | 49 | 10 | 25 | | | |
| M323147 | 0.165 | 2.2 | 1.02 | 39 | <10 | 30 | <0.5 | 3 | 5.02 | <0.5 | 17 | 120 | 956 | 11.4 | 10 | <1 | 0.12 | 10 | 0.34 | 748 | 4 | 0.08 | 36 | 1080 | 8 | 9.44 | 2 | 3 | 43 | 0.09 | <10 | <10 | 31 | 10 | 24 | | | |
| M323148 | 0.097 | 2.9 | 0.91 | 251 | <10 | 50 | <0.5 | 2 | 3.99 | <0.5 | 18 | 72 | 949 | 6.24 | <10 | <1 | 0.02 | 10 | 0.38 | 1500 | 3 | 0.07 | 33 | 1300 | 8 | 2.22 | 90 | 2 | 52 | 0.09 | <10 | <10 | 20 | 10 | 83 | | | |
| M323149 | 0.052 | 0.5 | 0.68 | 20 | <10 | 40 | <0.5 | 3 | 1.9 | <0.5 | 7 | 36 | 190 | 2 | <10 | <1 | 0.08 | 20 | 0.26 | 352 | 3 | 0.13 | 12 | 910 | 6 | 0.99 | 5 | 2 | 43 | 0.25 | <10 | <10 | 23 | <10 | 24 | | | |
| M323150 | 0.238 | 1.2 | 1.33 | 91 | <10 | 190 | <0.5 | 7 | 14.6 | <0.5 | 2 | 58 | 574 | 11.55 | 10 | 1 | 0.01 | 20 | 0.34 | 1955 | 63 | 0.01 | 9 | 1680 | 11 | 1.04 | 2 | 2 | 27 | 0.08 | <10 | <10 | 25 | 30 | 26 | | | |
| M323151 | 0.05 | 0.7 | 0.83 | 1455 | <10 | 40 | 0.7 | 3 | 5.35 | <0.5 | 7 | 56 | 206 | 4.11 | <10 | <1 | 0.1 | 10 | 0.37 | 1595 | 61 | 0.07 | 28 | 290 | 6 | 1.83 | 15 | 5 | 59 | 0.08 | <10 | <10 | 53 | 10 | 29 | | | |
| M323152 | 0.033 | 0.4 | 0.49 | 202 | <10 | 20 | <0.5 | 4 | 6.55 | <0.5 | 4 | 86 | 191 | 4.14 | <10 | <1 | 0.07 | <10 | 0.4 | 1580 | 132 | 0.02 | 22 | 300 | 5 | 1.31 | 14 | 4 | 40 | 0.06 | <10 | <10 | 31 | 30 | 23 | | | |
| M323153 | 0.093 | 0.6 | 0.9 | 66 | <10 | 50 | <0.5 | 4 | 7.13 | <0.5 | 5 | 49 | 260 | 5.24 | <10 | <1 | 0.05 | <10 | 0.49 | 1235 | 185 | 0.04 | 17 | 350 | 6 | 1.76 | 3 | 3 | 40 | 0.1 | <10 | <10 | 44 | 30 | 21 | | | |
| M323154 | 0.179 | 1.2 | 0.89 | 250 | <10 | 10 | <0.5 | 8 | 13.8 | <0.5 | 1 | 54 | 509 | 11.7 | 10 | 1 | 0.03 | <10 | 0.35 | 1905 | 6 | 0.01 | 8 | 940 | 10 | 4.25 | <2 | 2 | 28 | 0.05 | <10 | <10 | 24 | 40 | 16 | | | |
| M323155 | 0.206 | 34.5 | 0.89 | 270 | <10 | 30 | <0.5 | 7 | 16.8 | <0.5 | 6 | 57 | 560 | 13.15 | 10 | <1 | 0.02 | 10 | 0.22 | 1940 | 6 | 0.01 | 22 | 2370 | 5 | 3.07 | 5 | 2 | 29 | 0.04 | <10 | <10 | 20 | 280 | 16 | | | |
| M323156 | 0.094 | 0.4 | 1.12 | 1405 | <10 | 10 | <0.5 | 9 | 15.5 | <0.5 | <1 | 75 | 26 | 12.9 | 10 | <1 | 0.04 | 10 | 0.24 | 2420 | 4 | <0.01 | 7 | 5550 | 9 | 5.26 | 4 | 3 | 33 | 0.05 | <10 | <10 | 30 | 30 | 14 | | | |
| M323157 | 0.053 | 0.2 | 1.04 | 179 | <10 | 10 | <0.5 | 10 | 14.4 | <0.5 | <1 | 37 | 14 | 12.7 | 10 | 1 | 0.03 | <10 | 0.15 | 1750 | 3 | <0.01 | 4 | 2580 | 12 | 5.38 | <2 | 2 | 22 | 0.05 | <10 | <10 | 27 | 30 | 12 | | | |
| M323158 | 0.076 | 0.8 | 0.91 | 162 | <10 | 10 | <0.5 | 9 | 11.3 | <0.5 | 1 | 51 | 19 | 12.6 | <10 | <1 | 0.04 | 10 | 0.21 | 1515 | 24 | <0.01 | 8 | 4050 | 8 | 8.13 | 2 | 2 | 27 | 0.05 | <10 | <10 | 25 | 20 | 12 | | | |
| M323159 | 0.222 | 2.7 | 0.78 | 112 | <10 | 10 | <0.5 | 26 | 9.86 | <0.5 | 1 | 97 | 1185 | 18 | 10 | <1 | 0.05 | <10 | 0.32 | 1345 | 129 | <0.01 | 12 | 580 | 5 | >10.0 | 2 | 1 | 26 | 0.05 | <10 | <10 | 26 | 10 | 18 | | | |

VA05059000 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 159
DATE RECEIVED : 2005-07-18 DATE FINALIZED : 2005-07-29
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 | Pb-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu | Pb | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | % | % |
| M323160 | 0.833 | 2.8 | 0.84 | 18 | 10 | 60 | <0.5 | 2 | 1.66 | <0.5 | 29 | 1545 | >10000 | 10.55 | <10 | 3 | 0.42 | <10 | 0.77 | 997 | 28 | 0.03 | 1200 | 620 | 10 | 3.32 | 5 | 5 | 60 | 0.01 | <10 | <10 | 54 | 10 | 88 | 1.18 | | |
| M323161 | 0.008 | <0.2 | 2 | 2 | <10 | 150 | <0.5 | 2 | 1.25 | <0.5 | 27 | 1565 | 123 | 4.98 | 10 | <1 | 0.26 | 10 | 0.78 | 744 | 24 | 0.21 | 1205 | 570 | 2 | 0.07 | 3 | 5 | 76 | 0.19 | <10 | <10 | 71 | 10 | 45 | | | |
| M323162 | 0.158 | 2 | 0.97 | 134 | <10 | 30 | <0.5 | 14 | 13.2 | <0.5 | 4 | 67 | 997 | 14.5 | 10 | <1 | 0.03 | 10 | 0.52 | 1765 | 211 | 0.01 | 15 | 410 | 12 | 6.05 | 3 | 2 | 29 | 0.06 | <10 | <10 | 33 | 20 | 22 | | | |
| M323163 | 0.017 | 0.5 | 0.66 | 16 | <10 | 100 | 0.6 | 3 | 2.38 | <0.5 | 7 | 148 | 166 | 2.42 | <10 | <1 | 0.12 | <10 | 0.68 | 426 | 55 | 0.05 | 27 | 430 | 4 | 1.63 | 5 | 3 | 34 | 0.13 | <10 | <10 | 44 | <10 | 25 | | | |
| M323164 | 0.02 | 0.6 | 0.63 | 19 | <10 | 40 | <0.5 | 3 | 2.64 | <0.5 | 6 | 56 | 90 | 3.37 | <10 | <1 | 0.14 | <10 | 0.6 | 389 | 91 | 0.04 | 29 | 290 | 5 | 2.88 | 4 | 4 | 35 | 0.08 | <10 | <10 | 37 | <10 | 24 | | | |
| M323165 | 0.055 | 0.5 | 0.58 | 70 | <10 | 50 | <0.5 | 8 | 7.68 | <0.5 | 6 | 76 | 159 | 7.34 | <10 | 1 | 0.21 | 10 | 0.55 | 1130 | 51 | 0.04 | 21 | 510 | 8 | 1.54 | 2 | 4 | 30 | 0.07 | <10 | <10 | 42 | 30 | 27 | | | |
| M323166 | 0.06 | 0.9 | 0.91 | 41 | <10 | 50 | 0.5 | 6 | 4.53 | <0.5 | 5 | 112 | 365 | 4.44 | <10 | <1 | 0.09 | 10 | 0.5 | 506 | 11 | 0.12 | 20 | 480 | 7 | 1.4 | 4 | 2 | 47 | 0.12 | <10 | <10 | 34 | 10 | 27 | | | |
| M323167 | 0.059 | 0.7 | 0.82 | 85 | <10 | 20 | 0.5 | 6 | 8.56 | <0.5 | 2 | 97 | 226 | 7.75 | <10 | 1 | 0.04 | 10 | 0.37 | 1280 | 73 | 0.02 | 15 | 280 | 6 | 2.99 | 4 | 3 | 43 | 0.08 | <10 | <10 | 37 | 20 | 23 | | | |
| M323168 | 0.231 | 0.2 | 1.12 | 81 | <10 | 30 | 0.5 | 4 | 12.6 | <0.5 | 2 | 101 | 111 | 9.94 | 10 | <1 | 0.03 | <10 | 0.28 | 1735 | 38 | 0.01 | 13 | 310 | 6 | 2.33 | 3 | 4 | 47 | 0.07 | <10 | <10 | 36 | 20 | 26 | | | |
| M323169 | 0.061 | 0.4 | 0.79 | 36 | <10 | 20 | 0.5 | 4 | 8.53 | <0.5 | 2 | 83 | 160 | 7.66 | <10 | <1 | 0.05 | <10 | 0.31 | 1315 | 26 | 0.02 | 17 | 230 | 8 | 3.8 | <2 | 4 | 43 | 0.07 | <10 | <10 | 32 | 10 | 27 | | | |
| M323170 | 0.064 | 1.3 | 0.6 | 16 | <10 | 40 | 0.5 | 3 | 2.87 | <0.5 | 8 | 79 | 553 | 2.16 | <10 | <1 | 0.12 | <10 | 0.48 | 471 | 35 | 0.06 | 28 | 330 | 5 | 1.48 | 5 | 5 | 45 | 0.1 | <10 | <10 | 47 | <10 | 28 | | | |
| M323171 | 0.064 | 2.9 | 0.63 | 182 | <10 | 20 | 0.6 | 12 | 9.04 | <0.5 | 3 | 61 | 1675 | 11.45 | 10 | 2 | 0.11 | 10 | 0.85 | 1425 | 66 | 0.01 | 14 | 330 | 9 | >10.0 | 30 | 5 | 66 | 0.05 | <10 | <10 | 43 | 10 | 35 | | | |
| M323172 | 0.13 | 1.3 | 0.47 | 155 | <10 | 20 | <0.5 | 14 | 13.05 | <0.5 | 5 | 49 | 556 | 17.8 | <10 | 1 | 0.03 | 10 | 0.3 | 1600 | 25 | 0.01 | 10 | 3750 | 11 | 9.45 | 2 | 1 | 43 | 0.01 | <10 | <10 | 14 | 30 | 27 | | | |
| M323173 | 0.119 | 0.7 | 0.79 | 102 | <10 | 20 | <0.5 | 6 | 16.5 | <0.5 | 2 | 70 | 380 | 16.5 | <10 | 1 | 0.02 | 10 | 0.27 | 1735 | 6 | 0.01 | 10 | 2540 | 13 | 3.89 | <2 | 1 | 43 | 0.02 | <10 | <10 | 16 | 20 | 27 | | | |
| M323174 | 0.209 | 3.3 | 0.28 | 201 | <10 | 10 | <0.5 | 12 | 7.47 | <0.5 | 12 | 22 | 1430 | 18.6 | <10 | <1 | 0.02 | 10 | 0.2 | 911 | 172 | <0.01 | 18 | 3860 | 13 | >10.0 | 13 | 1 | 44 | 0.01 | <10 | <10 | 11 | 10 | 22 | | | |
| M323175 | 0.144 | 3 | 0.7 | 272 | <10 | 10 | <0.5 | 8 | 13.3 | <0.5 | 31 | 53 | 697 | 17 | <10 | 1 | 0.03 | 10 | 0.15 | 1715 | 39 | <0.01 | 17 | 1940 | 61 | 8.5 | 65 | 1 | 41 | 0.02 | <10 | <10 | 16 | 10 | 28 | | | |
| M323176 | 0.051 | 0.8 | 1.09 | 88 | <10 | 30 | <0.5 | 4 | 9.72 | <0.5 | 16 | 90 | 287 | 8.41 | <10 | <1 | 0.03 | 30 | 0.41 | 1430 | 88 | 0.06 | 17 | 1610 | 11 | 2.44 | 2 | 3 | 47 | 0.08 | <10 | <10 | 34 | 20 | 25 | | | |
| M323177 | 0.06 | 0.5 | 0.94 | 46 | <10 | 80 | <0.5 | 3 | 5.83 | <0.5 | 10 | 86 | 217 | 5.76 | <10 | <1 | 0.06 | <10 | 0.44 | 951 | 98 | 0.09 | 21 | 340 | 3 | 2.81 | 2 | 3 | 56 | 0.11 | <10 | <10 | 43 | 10 | 22 | | | |
| M323178 | 0.957 | 15.6 | 0.79 | 168 | <10 | 30 | <0.5 | 7 | 10.4 | <0.5 | 34 | 54 | 6550 | 9.68 | <10 | 1 | 0.06 | 10 | 0.54 | 1225 | 19 | 0.03 | 20 | 1570 | 6 | 3.79 | 2 | 3 | 51 | 0.08 | <10 | <10 | 35 | 30 | 45 | | | |
| M323179 | 0.156 | 0.6 | 0.74 | 35 | <10 | 50 | <0.5 | 2 | 2.81 | <0.5 | 9 | 82 | 209 | 2.52 | <10 | <1 | 0.18 | <10 | 0.57 | 513 | 34 | 0.13 | 26 | 240 | 5 | 0.9 | 5 | 4 | 61 | 0.13 | <10 | <10 | 45 | 10 | 26 | | | |
| M323180 | 0.922 | 2.8 | 0.9 | 13 | 10 | 50 | <0.5 | 4 | 1.66 | <0.5 | 27 | 1550 | >10000 | 10.7 | <10 | 2 | 0.44 | <10 | 0.79 | 1005 | 28 | 0.03 | 1195 | 600 | 14 | 3.35 | 8 | 5 | 61 | 0.01 | <10 | <10 | 56 | 10 | 93 | 1.17 | | |
| M323181 | 0.008 | <0.2 | 2.03 | 4 | <10 | 150 | <0.5 | <2 | 1.26 | <0.5 | 26 | 1550 | 128 | 4.94 | 10 | <1 | 0.27 | 10 | 0.79 | 743 | 24 | 0.22 | 1200 | 540 | 6 | 0.06 | 4 | 5 | 78 | 0.19 | <10 | <10 | 73 | <10 | 47 | | | |
| M323182 | 0.037 | 0.7 | 0.94 | 39 | <10 | 160 | 0.7 | <2 | 3.86 | <0.5 | 5 | 83 | 241 | 2.12 | <10 | <1 | 0.09 | <10 | 0.51 | 715 | 11 | 0.19 | 22 | 370 | 6 | 0.41 | 5 | 4 | 186 | 0.1 | <10 | <10 | 44 | <10 | 30 | | | |
| M323183 | 3.45 | 72.5 | 1.14 | 138 | <10 | 60 | <0.5 | 12 | 14.35 | 1.5 | 48 | 44 | >10000 | 13.65 | 10 | 2 | 0.01 | 10 | 0.44 | 1860 | 22 | 0.06 | 136 | 1800 | 9 | 4.12 | 7 | 2 | 53 | 0.06 | <10 | <10 | 34 | 30 | 272 | 2.71 | | |
| M323184 | 0.196 | 0.4 | 1.12 | 186 | <10 | 10 | <0.5 | 4 | 16.1 | <0.5 | 1 | 52 | 261 | 11.9 | 10 | 1 | 0.02 | 10 | 0.57 | 2190 | 24 | 0.01 | 6 | 590 | 6 | 1.07 | <2 | 2 | 65 | 0.05 | <10 | <10 | 29 | 40 | 16 | | | |
| M323185 | 0.059 | 1.1 | 1.11 | 182 | <10 | 10 | <0.5 | <2 | 15 | <0.5 | 1 | 56 | 463 | 11.65 | 10 | <1 | 0.01 | 40 | 0.53 | 2380 | 18 | <0.01 | 11 | 300 | 9 | 1.15 | 6 | 3 | 61 | 0.06 | <10 | <10 | 27 | 30 | 21 | | | |
| M323186 | 0.44 | 5.1 | 0.64 | >10000 | <10 | 10 | 0.5 | 3 | 13.4 | <0.5 | 7 | 36 | 2510 | 13 | <10 | 4 | 0.02 | 10 | 0.54 | 6380 | 17 | 0.02 | 10 | 170 | 7 | 3.86 | 157 | 2 | 98 | 0.02 | 30 | <10 | 21 | 30 | 56 | | | |
| M323187 | 0.368 | 4.8 | 0.46 | 246 | <10 | 60 | <0.5 | 3 | 13.4 | <0.5 | 9 | 45 | 2660 | 12.45 | <10 | 2 | 0.02 | 30 | 0.53 | 1700 | 19 | 0.02 | 16 | 3040 | <2 | 2.55 | 8 | 1 | 123 | 0.02 | <10 | <10 | 21 | 40 | 29 | | | |
| M323188 | 0.011 | 0.5 | 0.64 | 196 | <10 | 80 | <0.5 | <2 | 1.28 | <0.5 | 4 | 46 | 258 | 2.12 | <10 | <1 | 0.25 | 20 | 0.5 | 308 | 58 | 0.1 | 4 | 1350 | 4 | 0.93 | 8 | 3 | 50 | 0.13 | <10 | <10 | 47 | <10 | 25 | | | |
| M323189 | 0.021 | 0.9 | 0.76 | 12 | <10 | 60 | <0.5 | <2 | 1.25 | <0.5 | 5 | 39 | 546 | 2.09 | <10 | <1 | 0.3 | 20 | 0.64 | 188 | 99 | 0.09 | 4 | 1450 | 6 | 1.41 | 10 | 4 | 68 | 0.1 | <10 | <10 | 41 | <10 | 22 | | | |
| M323190 | 0.016 | 0.6 | 0.92 | 10 | <10 | 70 | <0.5 | <2 | 1.09 | <0.5 | 6 | 59 | 503 | 1.9 | <10 | 1 | 0.36 | 20 | 0.76 | 143 | 83 | 0.11 | 3 | 1380 | 6 | 1.14 | 5 | 4 | 74 | 0.11 | <10 | <10 | 45 | <10 | 24 | | | |
| M323191 | 0.017 | 0.5 | 0.85 | 5 | <10 | 120 | <0.5 | 2 | 1.14 | <0.5 | 7 | 55 | 455 | 2.28 | <10 | <1 | 0.43 | 30 | 0.76 | 146 | 74 | 0.09 | 5 | 1430 | 5 | 1.52 | 4 | 4 | 69 | 0.09 | <10 | <10 | 47 | <10 | 22 | | | |
| M323192 | 0.013 | 0.5 | 0.83 | 11 | <10 | 160 | <0.5 | <2 | 1.16 | <0.5 | 6 | 40 | 323 | 2.22 | 10 | 1 | 0.44 | 30 | 0.75 | 220 | 139 | 0.08 | 3 | 1360 | 5 | 1.14 | 7 | 4 | 76 | 0.11 | <10 | <10 | 48 | <10 | 27 | | | |
| M323193 | 0.008 | 0.3 | 0.67 | 4 | <10 | 100 | <0.5 | 2 | 1 | <0.5 | 3 | 58 | 235 | 1.84 | <10 | <1 | 0.25 | 20 | 0.53 | 138 | 71 | 0.09 | 3 | 1430 | 5 | 0.79 | 4 | 3 | 82 | 0.12 | <10 | <10 | 43 | <10 | 21 | | | |
| M323194 | 0.012 | 0.5 | 0.79 | 10 | <10 | 140 | <0.5 | <2 | 1.12 | <0.5 | 7 | 46 | 299 | 2.65 | <10 | 1 | 0.32 | 30 | 0.66 | 623 | 51 | 0.08 | 4 | 1360 | 6 | 1.7 | 6 | 3 | 91 | 0.1 | <10 | <10 | 45 | <10 | 30 | | | |
| M323195 | 0.017 | 0.9 | 0.59 | 18 | <10 | 80 | <0.5 | 2 | 1.1 | <0.5 | 13 | 33 | 754 | 3.5 | <10 | <1 | 0.31 | 50 | 0.52 | 134 | 168 | 0.07 | 3 | 1140 | 6 | 3 | 21 | 2 | 407 | 0.04 | <10 | <10 | 24 | <10 | 21 | | | |
| M323196 | 0.011 | 0.4 | 0.64 | 17 | <10 | 120 | <0.5 | 2 | 1.16 | <0.5 | 8 | 40 | 344 | 2.67 | <10 | <1 | 0.35 | 30 | 0.64 | 248 | 80 | 0.09 | 4 | 1300 | 4 | 1.49 | 9 | 4 | 903 | 0.08 | <10 | <10 | 41 | <10 | 24 | | | |
| M323197 | 0.006 | 0.3 | 0.67 | 10 | <10 | 160 | <0.5 | 2 | 1.07 | <0.5 | 6 | 41 | 231 | 2.47 | <10 | <1 | 0.32 | 30 | 0.6 | 205 | 50 | 0.1 | 4 | 1280 | 5 | 1.1 | 3 | 4 | 95 | 0.1 | <10 | <10 | 47 | <10 | 21 | | | |
| M323198 | 0.009 | 0.4 | 0.67 | 16 | <10 | 130 | <0.5 | 2 | 1.25 | <0.5 | 10 | 33 | 338 | 2.43 | <10 | 1 | 0.29 | 30 | 0.62 | 231 | 86 | 0.09 | 3 | 1380 | 3 | 1.56 | 6 | 4 | 95 | 0.08 | <10 | <10 | 42 | <10 | 21 | | | |
| M323199 | 0.005 | 0.2 | 0.68 | 6 | <10 | 180 | <0.5 | <2 | 1.02 | <0.5 | 5 | 33 | 148 | 2.1 | <10 | 1 | 0.29 | 20 | 0.57 | 162 | 76 | 0.1 | 4 | 1360 | 4 | 0.77 | 3 | 3 | 78 | 0.15 | <10 | <10 | 53 | <10 | 21 | | | |
| M323200 | 0.919 | 2.8 | 0.94 | 6 | 10 | 70 | <0.5 | 4 | 1.68 | <0.5 | 31 | 1505 | >10000 | 11.4 | <10 | 1 | 0.46 | <10 | 0.81 | 1035 | 30 | 0.04 | 1255 | 640 | 7 | 3.47 | 12 | 5 | 62 | 0.01 | <10 | <10 | 56 | 10 | 86 | 1.21 | | |
| M323201 | 0.008 | <0.2 | 2.09 | 7 | <10 | 150 | <0.5 | <2 | 1.3 | <0.5 | 27 | 1495 | 135 | 5.34 | <10 | <1 | 0.27 | 10 | 0.82 | 773 | 24 | 0.23 | 1245 | 580 | 2 | 0.07 | 5 | 6 | 82 | 0.19 | <10 | <10 | 71 | <10 | 44 | | | |
| M323202 | 0.008 | 0.3 | 0.72 | 5 | <10 | 140 | <0.5 | <2 | 1.26 | <0.5 | 4 | 41 | 192 | 1.86 | <10 | <1 | 0.29 | 30 | 0.61 | 221 | 50 | 0.1 | 5 | 1400 | 3 | 0.65 | 6 | 4 | 80 | 0.12 | <10 | <10 | 47 | <10 | 20 | | | |
| M323203 | 0.009 | 0.3 | 0.63 | 53 | <10 | 190 | <0.5 | <2 | 1.67 | <0.5 | 4 | 27 | 213 | 1.66 | <10 | <1 | 0.17 | 30 | 0.53 | 524 | 55 | 0.07 | 4 | 1380 | 3 | 0.96 | 16 | 3 | 111 | 0.05 | <10 | <10 | 31 | <10 | 21 | | | |
| M323204 | 0.01 | 0.4 | 0.67 | 9 | <10 | 110 | <0.5 | <2 | 1.36 | <0.5 | 6 | 38 | 332 | 1.86 | <10 | <1 | 0.21 | 30 | 0.58 | 235 | 370 | 0.1 | 4 | 1420 | 3 | 1.16 | 6 | 4 | 84 | 0.1 | <10 | <10 | 38 | <10 | 18 | | | |
| M323205 | 0.007 | 0.3 | 0.61 | 5 | <10 | 70 | <0.5 | 2 | 0.99 | <0.5 | 4 | 25 | 215 | 1.55 | <10 | <1 | 0.19 | 20 | 0.5 | 128 | 38 | 0.09 | 3 | 1400 | 3 | 0.77 | 2 | 2 | 67 | 0.14 | <10 | <10 | 43 | <10 | 19 | | | |
| M323206 | 0.006 | 0.3 | 0.72 | 2 | <10 | 130 | <0.5 | <2 | 1.05 | <0.5 | 4 | 36 | 178 | 1.94 | <10 | <1 | 0.26 | 20 | 0.61 | 156 | 73 | 0.1 | 2 | 1340 | 4 | 0.92 | 3 | 3 | 75 | 0.14 | <10 | <10 | 50 | <10 | 19 | | | |
| M323207 | 0.005 | 0.2 | 0.72 | 5 | <10 | 210 | <0.5 | 2 | 1.05 | <0.5 | 4 | 29 | 150 | 2.27 | <10 | 1 | 0.31 | 20 | 0.64 | 172 | 62 | 0.09 | 4 | 1380 | 2 | 0.93 | 6 | 3 | 70 | 0.13 | <10 | <10 | 53 | <10 | 20 | | | |
| M323208 | 0.007 | 0.3 | 0.91 | 15 | <10 | 90 | <0.5 | 2 | 1.29 | <0.5 | 7 | 38 | 279 | 2.25 | 10 | <1 | 0.43 | 30 | 0.7 | 182 | 149 | 0.08 | 3 | 1340 | 5 | 1.28 | 13 | 4 | 96 | 0.09 | <10 | <10 | 47 | <10 | 21 | | | |
| M323209 | 0.009 | 0.4 | 0.77 | 2 | <10 | 130 | <0.5 | 2 | 1.25 | <0.5 | 7 | 26 | 237 | 2.35 | <10 | 1 | 0.39 | 30 | 0.67 | 206 | 143 | 0.09 | 3 | 1440 | <2 | 1.29 | 4 | 4 | 81 | 0.1 | <10 | <10 | 48 | <10 | 20 | | | |
| M323210 | 0.005 | 0.3 | 0.83 | 10 | <10 | 220 | <0.5 | <2 | 1.2 | <0.5 | 5 | 33 | 169 | 2.49 | <10 | 1 | 0.42 | 40 | 0.71 | 256 | 160 | 0.1 | 3 | 1400 | 3 | 0.87 | 5 | 4 | 84 | 0.1 | <10 | <10 | 49 | <10 | 21 | | | |
| M323211 | <0.005 | 0.3 | 0.79 | 4 | <10 | 170 | <0.5 | <2 | 1.14 | <0.5 | 6 | 29 | 181 | 2.56 | <10 | <1 | 0.38 | 30 | 0.7 | 255 | 123 | 0.09 | 4 | 1380 | 3 | 1.1 | 4 | 4 | 77 | 0.11 | <10 | <10 | 51 | <10 | 19 | | | |
| M323212 | <0.005 | 0.3 | 0.83 | <2 | <10 | 190 | <0.5 | 2 | 0.95 | <0.5 | 5 | 39 | 150 | 2.38 | <10 | <1 | 0.39 | 30 | 0.68 | 176 | 43 | 0.11 | 4 | 1360 | 2 | 0.8 | 5 | 4 | 76 | 0.12 | <10 | <10 | 54 | <10 | 20 | | | |
| M323213 | 0.008 | 0.4 | 1.22 | <2 | <10 | 60 | <0.5 | <2 | 1.1 | <0.5 | 12 | 31 | 390 | 3.88 | 10 | 1 | 0.8 | 20 | 1.24 | 243 | 75 | 0.12 | 7 | 2150 | <2 | 2 | 6 | 6 | 74 | 0.26 | <10 | <10 | 92 | <10 | 30 | | | |
| M323214 | 0.007 | 0.3 | 0.99 | 10 | <10 | 50 | <0.5 | 3 | 1.18 | <0.5 | 8 | 9 | 208 | 3.59 | <10 | <1 | 0.45 | 20 | 0.85 | 237 | 31 | 0.1 | 4 | 2050 | <2 | 2.31 | 7 | 4 | 72 | 0.16 | <10 | <10 | 68 | <10 | 25 | | | |
| M323215 | <0.005 | 0.2 | 0.97 | 4 | <10 | 220 | <0.5 | 2 | 1.22 | <0.5 | 7 | 22 | 134 | 3.15 | <10 | 1 | 0.45 | 30 | 0.75 | 255 | 69 | 0.15 | 5 | 2040 | 4 | 1.02 | 4 | 4 | 91 | 0.21 | <10 | <10 | 79 | <10 | 29 | | | |
| M323216 | 0.007 | 0.3 | 1.11 | 21 | <10 | 90 | <0.5 | 3 | 1.2 | 0.5 | 9 | 11 | 162 | 3.78 | 10 | 1 | 0.67 | 30 | 1 | 357 | 117 | 0.12 | 6 | 2050 | 2 | 1.62 | 4 | 5 | 80 | 0.23 | <10 | <10 | 85 | <10 | 35 | | | |
| M323217 | 0.011 | 0.4 | 0.89 | <2 | <10 | 90 | <0.5 | 3 | 0.9 | <0.5 | 7 | 17 | 314 | 3.2 | <10 | <1 | 0.38 | 20 | 0.74 | 172 | 17 | 0.12 | 3 | 1480 | 5 | 2.28 | 4 | 3 | 80 | 0.14 | <10 | <10 | 56 | <10 | 24 | | | |
| M323218 | 0.007 | 0.4 | 0.87 | 5 | <10 | 110 | <0.5 | 2 | 0.87 | <0.5 | 5 | 7 | 288 | 2.64 | 10 | <1 | 0.37 | 20 | 0.69 | 191 | 13 | 0.12 | 3 | 1220 | 5 | 1.56 | 4 | 3 | 75 | 0.14 | <10 | <10 | 49 | <10 | 23 | | | |
| M323219 | 0.013 | 0.5 | 0.84 | 7 | <10 | 130 | <0.5 | 2 | 0.84 | <0.5 | 7 | 16 | 285 | 2.46 | <10 | <1 | 0.42 | 20 | 0.65 | 160 | 77 | 0.12 | 3 | 1160 | 11 | 1.43 | 6 | 3 | 70 | 0.11 | <10 | <10 | 45 | <10 | 33 | | | |
| M323220 | 1.04 | 2.7 | 0.94 | 19 | <10 | 70 | <0.5 | 10 | 1.66 | <0.5 | 29 | 1490 | >10000 | 11.3 | <10 | 2 | 0.46 | <10 | 0.81 | 1030 | 29 | 0.04 | 1240 | 630 | 6 | 3.49 | 16 | 5 | 62 | 0.01 | <10 | <10 | 55 | 10 | 88 | 1.19 | | |
| M323221 | 0.007 | <0.2 | 2.13 | 9 | <10 | 150 | <0.5 | <2 | 1.31 | <0.5 | 28 | 1525 | 136 | 5.35 | 10 | 1 | 0.29 | 10 | 0.83 | 776 | 24 | 0.23 | 1280 | 600 | 2 | 0.07 | 5 | 6 | 83 | 0.19 | <10 | <10 | 73 | <10 | 48 | | | |
| M323222 | 0.013 | 0.4 | 0.99 | 4 | <10 | 110 | <0.5 | <2 | 1.14 | <0.5 | 6 | 5 | 335 | 2.16 | <10 | <1 | 0.42 | 30 | 0.66 | 148 | 88 | 0.09 | 2 | 1330 | 4 | 1.32 | 3 | 4 | 93 | 0.09 | <10 | <10 | 44 | <10 | 20 | | | |
| M323223 | 0.008 | 0.2 | 0.73 | 7 | <10 | 120 | <0.5 | 2 | 0.98 | <0.5 | 4 | 14 | 134 | 2.46 | <10 | <1 | 0.3 | 30 | 0.53 | 239 | 43 | 0.12 | 2 | 1200 | 4 | 0.8 | 4 | 3 | 75 | 0.11 | <10 | <10 | 48 | <10 | 24 | | | |
| M323224 | 0.008 | 0.3 | 0.82 | 16 | <10 | 130 | <0.5 | 2 | 1.09 | <0.5 | 6 | 6 | 244 | 2.21 | <10 | 1 | 0.39 | 20 | 0.62 | 207 | 58 | 0.11 | 4 | 1340 | 2 | 0.98 | 2 | 4 | 74 | 0.11 | <10 | <10 | 50 | <10 | 22 | | | |

VA05059001 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 122
DATE RECEIVED : 2005-07-18 DATE FINALIZED : 2005-07-29
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu | Zn |
| DESCRIPTION | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | % |
| M323225 | 0.01 | | 0.4 | 0.73 | 13 | <10 | 140 | <0.5 | <2 | 1.02 | <0.5 | 9 | 41 | 270 | 2.55 | <10 | 1 | 0.35 | 20 | 0.65 | 214 | 53 | 0.09 | 5 | 1320 | <2 | 1.22 | 7 | 3 | 67 | 0.12 | <10 | <10 | 52 | <10 | 22 | | |
| M323226 | 0.006 | | 0.3 | 0.58 | 23 | <10 | 70 | <0.5 | <2 | 1.54 | <0.5 | 6 | 39 | 215 | 2.23 | <10 | <1 | 0.25 | 30 | 0.58 | 296 | 13 | 0.06 | 4 | 1280 | 2 | 1.58 | 11 | 3 | 74 | 0.06 | <10 | <10 | 36 | <10 | 17 | | |
| M323227 | 0.006 | | 0.3 | 0.62 | 11 | <10 | 100 | <0.5 | <2 | 1.27 | <0.5 | 7 | 50 | 241 | 2.31 | <10 | 1 | 0.29 | 20 | 0.62 | 274 | 30 | 0.07 | 7 | 1300 | 3 | 1.62 | 9 | 3 | 65 | 0.08 | <10 | <10 | 41 | <10 | 19 | | |
| M323228 | 0.007 | | 0.5 | 0.65 | 8 | <10 | 110 | <0.5 | <2 | 1.1 | <0.5 | 6 | 45 | 253 | 2.64 | <10 | <1 | 0.27 | 20 | 0.6 | 221 | 25 | 0.07 | 7 | 1490 | 41 | 1.4 | 23 | 3 | 63 | 0.11 | <10 | <10 | 51 | <10 | 22 | | |
| M323229 | 0.005 | | 0.3 | 0.65 | 4 | <10 | 70 | <0.5 | 2 | 1.05 | <0.5 | 8 | 40 | 286 | 2.16 | <10 | <1 | 0.24 | 20 | 0.52 | 162 | 35 | 0.07 | 4 | 1140 | 2 | 1.48 | 4 | 3 | 67 | 0.06 | <10 | <10 | 38 | <10 | 16 | | |
| M323230 | 0.016 | | 0.5 | 0.64 | 63 | <10 | 80 | <0.5 | <2 | 1.56 | <0.5 | 7 | 31 | 235 | 2.47 | <10 | <1 | 0.25 | 30 | 0.62 | 627 | 33 | 0.06 | 3 | 1360 | 3 | 1.46 | 21 | 4 | 81 | 0.05 | <10 | <10 | 38 | <10 | 24 | | |
| M323231 | 0.007 | | 0.2 | 0.6 | 34 | <10 | 90 | <0.5 | <2 | 1.6 | <0.5 | 7 | 38 | 151 | 2.27 | <10 | 1 | 0.22 | 30 | 0.56 | 501 | 41 | 0.08 | 3 | 1340 | 4 | 1.04 | 7 | 4 | 85 | 0.06 | <10 | <10 | 40 | <10 | 23 | | |
| M323232 | 0.008 | | 0.5 | 0.71 | 20 | <10 | 90 | <0.5 | <2 | 1.56 | <0.5 | 7 | 30 | 312 | 2.6 | <10 | 1 | 0.3 | 30 | 0.65 | 467 | 74 | 0.06 | 4 | 1430 | 15 | 1.56 | 12 | 4 | 81 | 0.05 | <10 | <10 | 40 | <10 | 22 | | |
| M323233 | 0.043 | | 1.4 | 0.68 | 73 | <10 | 50 | 0.8 | <2 | 6.26 | <0.5 | 6 | 53 | 788 | 5.79 | <10 | 1 | 0.14 | 30 | 0.42 | 798 | 58 | 0.04 | 20 | 760 | 5 | 3.83 | 34 | 6 | 131 | 0.02 | <10 | <10 | 38 | <10 | 37 | | |
| M323234 | 0.051 | | 2.4 | 0.82 | 190 | <10 | 10 | 1.1 | 4 | 9.86 | <0.5 | 14 | 33 | 1240 | 8.99 | <10 | <1 | 0.03 | 30 | 1.21 | 1670 | 79 | 0.04 | 23 | 4350 | 6 | 6.29 | 13 | 1 | 151 | 0.02 | <10 | <10 | 41 | 20 | 47 | | |
| M323235 | 0.192 | | 4.1 | 0.69 | 53 | <10 | 30 | 0.8 | 4 | 6.44 | <0.5 | 21 | 58 | 4320 | 9.77 | <10 | <1 | 0.16 | 30 | 0.86 | 936 | 22 | 0.04 | 38 | 2100 | 5 | 8.47 | 26 | 3 | 73 | 0.04 | <10 | <10 | 52 | 10 | 36 | | |
| M323236 | 0.021 | | 1 | 0.56 | 35 | <10 | 50 | 0.6 | 2 | 1.54 | <0.5 | 10 | 91 | 506 | 5.01 | <10 | <1 | 0.23 | 10 | 0.47 | 338 | 15 | 0.04 | 28 | 330 | 9 | 5.06 | 19 | 4 | 67 | 0.02 | <10 | <10 | 24 | <10 | 48 | | |
| M323237 | 0.103 | | 2.9 | 1.44 | 71 | <10 | 20 | <0.5 | 5 | 9.17 | <0.5 | 5 | 54 | 1490 | 10.4 | <10 | 1 | 0.1 | <10 | 0.21 | 2260 | 3 | 0.07 | 6 | 60 | 12 | 6.47 | 5 | 3 | 101 | 0.08 | <10 | <10 | 44 | 10 | 68 | | |
| M323238 | 0.074 | | 1.8 | 2.21 | 36 | <10 | 10 | 0.7 | 4 | 9.2 | <0.5 | 3 | 64 | 981 | 8.01 | <10 | 1 | 0.1 | <10 | 0.15 | 2250 | 11 | 0.21 | 2 | 40 | 5 | 3.64 | 7 | 2 | 143 | 0.09 | <10 | <10 | 31 | 10 | 14 | | |
| M323239 | 0.129 | | 2.4 | 1.31 | 40 | <10 | 100 | 0.6 | 2 | 6.9 | <0.5 | 8 | 53 | 1305 | 6.58 | <10 | 1 | 0.04 | <10 | 0.82 | 1775 | 9 | 0.11 | 12 | 140 | 6 | 2.13 | 6 | 4 | 149 | 0.09 | <10 | <10 | 59 | 20 | 39 | | |
| M323240 | 0.926 | | 2.9 | 0.91 | 17 | 10 | 50 | <0.5 | <2 | 1.78 | 0.6 | 31 | 1555 | >10000 | 11.85 | <10 | 2 | 0.44 | <10 | 0.85 | 1085 | 30 | 0.05 | 1305 | 680 | 11 | 3.82 | 11 | 5 | 63 | 0.01 | <10 | <10 | 55 | 10 | 92 | 1.18 | |
| M323241 | 0.007 | | <0.2 | 2.06 | <2 | <10 | 150 | <0.5 | <2 | 1.28 | <0.5 | 29 | 1550 | 142 | 5.43 | <10 | <1 | 0.27 | 10 | 0.8 | 780 | 24 | 0.22 | 1305 | 620 | 3 | 0.08 | 5 | 6 | 78 | 0.18 | <10 | <10 | 72 | 10 | 48 | | |
| M323242 | 0.055 | | 2.1 | 1.08 | 32 | <10 | 90 | 0.6 | <2 | 5.82 | <0.5 | 9 | 75 | 1250 | 6.19 | <10 | <1 | 0.1 | <10 | 0.84 | 1525 | 37 | 0.06 | 21 | 280 | 4 | 3.09 | 16 | 5 | 283 | 0.07 | <10 | <10 | 53 | 10 | 44 | | |
| M323243 | 0.09 | | 3.5 | 0.77 | 30 | <10 | 50 | 0.6 | <2 | 3.58 | <0.5 | 12 | 64 | 1575 | 5.18 | <10 | <1 | 0.18 | <10 | 0.88 | 1020 | 15 | 0.06 | 28 | 330 | 7 | 3.78 | 57 | 6 | 107 | 0.07 | <10 | <10 | 48 | <10 | 82 | | |
| M323244 | 0.028 | | 0.3 | 0.77 | 10 | <10 | 90 | <0.5 | <2 | 1.44 | <0.5 | 7 | 81 | 210 | 2.78 | <10 | <1 | 0.31 | 10 | 0.71 | 358 | 16 | 0.05 | 31 | 330 | 10 | 2.05 | 4 | 6 | 57 | 0.06 | <10 | <10 | 46 | <10 | 51 | | |
| M323245 | 0.021 | | 0.9 | 0.43 | 28 | <10 | 30 | 0.5 | <2 | 3.47 | <0.5 | 5 | 54 | 566 | 4.37 | <10 | <1 | 0.12 | 10 | 0.42 | 670 | 120 | 0.04 | 15 | 270 | 7 | 3.22 | 14 | 3 | 85 | 0.02 | <10 | <10 | 19 | 10 | 26 | | |
| M323246 | 0.025 | | 1 | 0.87 | 22 | <10 | 80 | 0.6 | 2 | 5.28 | <0.5 | 7 | 64 | 609 | 6.44 | <10 | <1 | 0.17 | <10 | 0.46 | 1135 | 109 | 0.06 | 20 | 210 | 5 | 3.62 | 8 | 3 | 71 | 0.07 | <10 | <10 | 46 | 10 | 28 | | |
| M323247 | 0.029 | | 1 | 0.83 | 67 | <10 | 100 | <0.5 | 2 | 5.54 | <0.5 | 8 | 91 | 568 | 6.04 | <10 | <1 | 0.14 | 10 | 0.45 | 1230 | 229 | 0.04 | 17 | 370 | 2 | 2.57 | 9 | 5 | 44 | 0.08 | <10 | <10 | 44 | 70 | 27 | | |
| M323248 | 0.022 | | 0.6 | 0.78 | 30 | <10 | 140 | <0.5 | <2 | 1.16 | <0.5 | 9 | 98 | 388 | 2.42 | <10 | <1 | 0.38 | 10 | 0.72 | 301 | 27 | 0.06 | 31 | 320 | 3 | 1.46 | 7 | 8 | 43 | 0.08 | <10 | <10 | 62 | <10 | 31 | | |
| M323249 | 0.03 | | 0.8 | 0.8 | 42 | <10 | 30 | <0.5 | <2 | 5.43 | <0.5 | 8 | 69 | 437 | 5.2 | <10 | 1 | 0.11 | 10 | 0.45 | 1320 | 59 | 0.05 | 23 | 220 | 8 | 2.83 | 11 | 6 | 64 | 0.06 | <10 | <10 | 60 | 10 | 29 | | |
| M323250 | 0.024 | | 0.6 | 0.85 | 12 | <10 | 100 | <0.5 | <2 | 2.57 | <0.5 | 9 | 88 | 426 | 3.26 | <10 | <1 | 0.29 | 10 | 0.54 | 485 | 92 | 0.07 | 29 | 330 | 3 | 1.82 | 8 | 8 | 70 | 0.09 | <10 | <10 | 73 | <10 | 29 | | |
| M323251 | 0.082 | | 2 | 1.04 | 56 | <10 | 30 | <0.5 | 3 | 8.09 | <0.5 | 9 | 66 | 1060 | 9.33 | <10 | <1 | 0.2 | 10 | 0.52 | 1285 | 107 | 0.05 | 23 | 1240 | 8 | 3.9 | 12 | 5 | 68 | 0.07 | <10 | <10 | 93 | 30 | 32 | | |
| M323252 | 0.033 | | 0.5 | 0.92 | 9 | <10 | 100 | <0.5 | <2 | 2.74 | <0.5 | 5 | 76 | 382 | 2.58 | <10 | <1 | 0.08 | 10 | 1.19 | 369 | 13 | 0.06 | 28 | 1290 | 9 | 1.9 | 4 | 6 | 126 | 0.09 | <10 | <10 | 61 | <10 | 29 | | |
| M323253 | 0.067 | | 0.9 | 1.09 | 27 | <10 | 30 | <0.5 | 3 | 7.21 | <0.5 | 8 | 59 | 505 | 7.27 | <10 | <1 | 0.06 | 10 | 0.83 | 1450 | 210 | 0.04 | 19 | 270 | 6 | 3.13 | 8 | 5 | 113 | 0.09 | <10 | <10 | 71 | 20 | 30 | | |
| M323254 | 0.044 | | 1.1 | 0.99 | 74 | <10 | 20 | 0.7 | 3 | 6.48 | <0.5 | 7 | 81 | 707 | 7.52 | 10 | <1 | 0.06 | 10 | 0.67 | 1130 | 467 | 0.05 | 23 | 780 | <2 | 3.79 | 5 | 5 | 112 | 0.1 | <10 | <10 | 63 | 60 | 28 | | |
| M323255 | 0.037 | | 0.8 | 0.74 | 34 | <10 | 20 | 0.8 | 2 | 4.78 | <0.5 | 8 | 74 | 408 | 5.07 | <10 | <1 | 0.09 | 10 | 0.48 | 999 | 359 | 0.04 | 20 | 660 | 8 | 2.2 | 9 | 4 | 96 | 0.06 | <10 | <10 | 45 | 20 | 23 | | |
| M323256 | 0.136 | | 0.7 | 1.2 | 98 | <10 | 80 | <0.5 | 5 | 10.25 | <0.5 | 4 | 113 | 273 | 8.3 | <10 | 1 | 0.03 | 30 | 0.86 | 1330 | 981 | 0.02 | 12 | 3650 | 4 | 2.03 | 8 | 4 | 123 | 0.07 | <10 | <10 | 94 | 20 | 26 | | |
| M323257 | 0.841 | | 9.5 | 1.13 | 110 | <10 | 10 | 0.5 | 6 | 12.25 | <0.5 | 6 | 58 | 6120 | 10.9 | 10 | <1 | 0.01 | 10 | 0.45 | 1765 | 54 | 0.02 | 34 | 2230 | 8 | 3.82 | 8 | 2 | 79 | 0.05 | <10 | <10 | 57 | 80 | 36 | | |
| M323258 | 0.383 | | 3.9 | 1.06 | 88 | <10 | 10 | 0.7 | 17 | 12.4 | <0.5 | 6 | 63 | 2700 | 12.2 | 10 | <1 | 0.04 | 10 | 0.33 | 1785 | 167 | 0.01 | 26 | 1130 | 9 | 7.13 | 2 | 4 | 107 | 0.07 | <10 | <10 | 75 | 40 | 35 | | |
| M323259 | 0.322 | | 4.1 | 1.58 | 104 | <10 | <10 | 0.7 | 14 | 15.7 | <0.5 | 4 | 78 | 2890 | 10.15 | 10 | <1 | 0.01 | 20 | 0.23 | 2350 | 90 | 0.01 | 18 | 3640 | 8 | 3.64 | 2 | 5 | 124 | 0.09 | <10 | <10 | 117 | 40 | 37 | | |
| M323260 | 0.995 | | 2.8 | 0.89 | 14 | 10 | 60 | <0.5 | 3 | 1.66 | <0.5 | 27 | 1535 | >10000 | 10.65 | <10 | 2 | 0.44 | <10 | 0.78 | 1000 | 28 | 0.03 | 1185 | 620 | 7 | 3.33 | 4 | 5 | 62 | 0.01 | <10 | <10 | 56 | 10 | 85 | 1.19 | |
| M323261 | 0.009 | | <0.2 | 2.02 | 7 | 20 | 150 | <0.5 | <2 | 1.24 | <0.5 | 27 | 1555 | 133 | 4.93 | 10 | <1 | 0.27 | 10 | 0.78 | 737 | 24 | 0.21 | 1200 | 550 | 3 | 0.05 | 4 | 5 | 78 | 0.19 | <10 | <10 | 72 | <10 | 44 | | |
| M323262 | 0.125 | | 0.8 | 0.85 | 164 | <10 | 30 | 0.6 | 14 | 11.1 | <0.5 | 5 | 49 | 447 | 11.2 | 10 | 1 | 0.07 | 10 | 0.45 | 1530 | 4 | 0.01 | 19 | 1090 | 10 | 6.2 | 3 | 1 | 134 | 0.01 | <10 | <10 | 30 | 40 | 24 | | |
| M323263 | 0.01 | | 0.2 | 1.17 | 604 | <10 | 70 | <0.5 | 5 | 17.1 | <0.5 | <1 | 61 | 78 | 12.95 | 20 | <1 | 0.01 | 10 | 0.33 | 1815 | 4 | 0.01 | 11 | 2080 | 13 | 1.08 | 3 | <1 | 142 | 0.01 | <10 | <10 | 34 | 140 | 13 | | |
| M323264 | 0.007 | | <0.2 | 0.87 | 178 | <10 | 70 | <0.5 | 2 | 17.1 | <0.5 | <1 | 83 | 28 | 12 | 10 | <1 | 0.01 | 10 | 0.31 | 1750 | 2 | 0.01 | 10 | 7180 | 2 | 0.78 | 2 | 1 | 95 | 0.01 | <10 | <10 | 42 | 130 | 13 | | |
| M323265 | 0.014 | | <0.2 | 1 | 635 | <10 | 20 | <0.5 | 7 | 15.5 | <0.5 | 2 | 48 | 154 | 12.7 | 20 | <1 | 0.02 | 10 | 0.3 | 1495 | 20 | 0.01 | 10 | 1320 | 10 | 1.27 | 13 | 1 | 94 | 0.01 | <10 | 10 | 32 | 170 | 12 | | |
| M323266 | 0.019 | | <0.2 | 1.04 | 432 | <10 | 10 | <0.5 | 21 | 14.6 | <0.5 | <1 | 51 | 62 | 10.9 | 20 | <1 | 0.04 | 10 | 0.16 | 1450 | 2 | 0.01 | 6 | 320 | 4 | 0.27 | 4 | 1 | 43 | 0.01 | <10 | <10 | 30 | 120 | 8 | | |
| M323267 | 0.019 | | 0.7 | 0.89 | 552 | <10 | <10 | <0.5 | 11 | 16 | <0.5 | 2 | 54 | 328 | 13.45 | 20 | <1 | 0.02 | <10 | 0.11 | 1525 | 3 | <0.01 | 8 | 470 | 7 | 1.95 | <2 | <1 | 35 | 0.01 | <10 | <10 | 23 | 140 | 7 | | |
| M323268 | 0.01 | | <0.2 | 0.82 | 456 | <10 | <10 | <0.5 | 6 | 16.7 | <0.5 | 2 | 58 | 107 | 16.6 | 20 | 1 | 0.01 | 10 | 0.12 | 1555 | 2 | <0.01 | 9 | 1140 | 3 | 1.68 | <2 | <1 | 42 | 0.01 | <10 | <10 | 30 | 110 | 22 | | |
| M323269 | 0.077 | | 1.1 | 0.82 | 309 | <10 | <10 | <0.5 | 20 | 13.6 | <0.5 | 9 | 55 | 547 | 18.2 | 10 | <1 | 0.03 | <10 | 0.08 | 1500 | 3 | 0.01 | 13 | 190 | 12 | 7.25 | 2 | <1 | 46 | 0.01 | <10 | <10 | 19 | 680 | 10 | | |
| M323270 | 0.144 | | 1 | 0.95 | 284 | <10 | 10 | <0.5 | 19 | 13.9 | <0.5 | 4 | 57 | 902 | 15.5 | 10 | 2 | 0.06 | 10 | 0.21 | 1440 | 1 | 0.01 | 8 | 970 | 10 | 3.84 | <2 | <1 | 53 | 0.02 | <10 | <10 | 33 | 90 | 21 | | |
| M323271 | 0.047 | | 0.2 | 1 | 317 | <10 | 10 | <0.5 | 22 | 15.6 | <0.5 | 3 | 51 | 110 | 12.25 | 10 | <1 | 0.04 | 10 | 0.23 | 1620 | 1 | 0.01 | 8 | 600 | 12 | 1 | <2 | <1 | 42 | 0.02 | <10 | <10 | 31 | 80 | 15 | | |
| M323272 | 0.034 | | 0.6 | 1.03 | 293 | <10 | 120 | <0.5 | 12 | 13.7 | <0.5 | 2 | 54 | 343 | 11.35 | 10 | 1 | 0.03 | <10 | 0.51 | 1550 | 2 | <0.01 | 8 | 700 | 12 | 1.77 | <2 | <1 | 81 | 0.01 | <10 | <10 | 28 | 130 | 24 | | |
| M323273 | 0.14 | | 0.7 | 0.64 | 221 | <10 | <10 | <0.5 | 8 | 15.9 | <0.5 | <1 | 57 | 676 | 17.7 | 20 | 1 | 0.01 | 10 | 0.19 | 1950 | 13 | <0.01 | 10 | 410 | 12 | 2.26 | 7 | <1 | 41 | 0.01 | <10 | 10 | 32 | 240 | 17 | | |
| M323274 | 0.062 | | 0.6 | 0.66 | 161 | <10 | <10 | <0.5 | 5 | 16.2 | <0.5 | <1 | 63 | 469 | 16.5 | 10 | <1 | 0.01 | 10 | 0.18 | 1845 | 2 | <0.01 | 9 | 1330 | 6 | 1.43 | 3 | <1 | 34 | 0.01 | <10 | <10 | 31 | 340 | 12 | | |
| M323275 | 0.046 | | 0.4 | 1.12 | 316 | <10 | <10 | <0.5 | 38 | 14.6 | <0.5 | 1 | 54 | 331 | 12.6 | 20 | <1 | 0.01 | 10 | 0.17 | 1750 | 5 | <0.01 | 8 | 820 | 10 | 1.54 | 6 | 1 | 63 | 0.01 | <10 | <10 | 48 | 140 | 15 | | |
| M323276 | >10.0 | 22.6 | 1 | 1.12 | 304 | <10 | <10 | <0.5 | 15 | 16.3 | <0.5 | 2 | 75 | 270 | 12.55 | 10 | 2 | 0.02 | 20 | 0.25 | 2040 | 50 | <0.01 | 29 | 4810 | 10 | 0.64 | <2 | 1 | 61 | 0.02 | <10 | <10 | 68 | 80 | 22 | | |
| M323277 | 0.299 | | 0.3 | 1.32 | 136 | <10 | <10 | <0.5 | 9 | 16.2 | <0.5 | <1 | 78 | 148 | 12.3 | 10 | <1 | 0.06 | 20 | 0.48 | 2510 | 166 | 0.01 | 13 | 1130 | 10 | 0.53 | 2 | 2 | 43 | 0.05 | <10 | <10 | 51 | 130 | 22 | | |
| M323278 | 0.139 | | <0.2 | 1.92 | 205 | <10 | 10 | <0.5 | 5 | 14.4 | <0.5 | 1 | 70 | 14 | 9.79 | 10 | <1 | 0.07 | 10 | 0.49 | 2090 | 446 | 0.01 | 7 | 300 | 6 | 0.37 | 2 | 4 | 49 | 0.09 | <10 | <10 | 51 | 70 | 21 | | |
| M323279 | 0.008 | | <0.2 | 1.98 | 165 | <10 | <10 | <0.5 | 14 | 13.6 | <0.5 | 3 | 72 | 14 | 8.97 | 10 | <1 | 0.08 | <10 | 0.55 | 1800 | 3 | <0.01 | 7 | 510 | 7 | 0.61 | <2 | 5 | 61 | 0.12 | <10 | <10 | 51 | 50 | 23 | | |
| M323280 | 0.975 | | 2.7 | 0.88 | 16 | 10 | 60 | <0.5 | 3 | 1.64 | <0.5 | 28 | 1520 | >10000 | 10.5 | <10 | 1 | 0.43 | <10 | 0.77 | 986 | 27 | 0.03 | 1170 | 600 | 11 | 3.29 | 6 | 5 | 61 | 0.01 | <10 | <10 | 55 | 10 | 83 | 1.17 | |
| M323281 | 0.01 | | <0.2 | 2.05 | 11 | 10 | 150 | <0.5 | 2 | 1.26 | <0.5 | 26 | 1550 | 129 | 4.98 | 10 | <1 | 0.27 | 10 | 0.79 | 747 | 24 | 0.22 | 1200 | 560 | 6 | 0.05 | 3 | 5 | 78 | 0.19 | <10 | <10 | 73 | <10 | 45 | | |
| M323282 | 0.023 | | <0.2 | 0.69 | 154 | <10 | 10 | <0.5 | 410 | 4.11 | <0.5 | 81 | 50 | 10 | 27 | <10 | 2 | 0.03 | <10 | 0.18 | 751 | 6 | <0.01 | 92 | 180 | 21 | >10.0 | 20 | 2 | 31 | 0.04 | <10 | <10 | 21 | 1940 | 10 | | |
| M323283 | 0.074 | | 0.6 | 2.61 | 26 | <10 | 40 | 0.6 | 4 | 2.24 | 1 | 20 | 67 | 1015 | 9.34 | 10 | 1 | 0.11 | 10 | 0.27 | 232 | 6 | 0.16 | 41 | 2620 | 9 | 4.62 | 13 | 2 | 79 | 0.06 | <10 | <10 | 37 | 20 | 149 | | |
| M323284 | 0.045 | | 3.5 | 1.42 | 436 | <10 | 10 | <0.5 | 10 | 14.6 | <0.5 | 7 | 71 | 1630 | 11 | 10 | <1 | 0.01 | <10 | 0.2 | 1720 | 2 | 0.01 | 10 | 440 | 5 | 1.66 | 4 | 2 | 32 | 0.08 | <10 | <10 | 28 | 80 | 21 | | |
| M323285 | 0.05 | | 3.3 | 2.58 | 60 | <10 | 130 | 0.6 | 5 | 3.05 | <0.5 | 15 | 86 | 1505 | 3.81 | 10 | <1 | 0.41 | <10 | 0.81 | 364 | 5 | 0.31 | 28 | 490 | 3 | 2.38 | 5 | 7 | 78 | 0.12 | <10 | <10 | 64 | 10 | 35 | | |
| M323286 | 0.706 | | 14.7 | 1.19 | 398 | <10 | 10 | 0.6 | 1065 | 13.8 | <0.5 | 13 | 53 | 5280 | 12.15 | 10 | <1 | 0.05 | 10 | 0.35 | 1505 | 5 | 0.04 | 26 | 240 | 11 | 3.98 | 3 | 2 | 62 | 0.03 | <10 | <10 | 30 | 180 | 32 | | |
| M323287 | 0.025 | | 0.5 | 0.97 | 116 | <10 | 20 | 0.6 | 39 | 14.2 | <0.5 | 11 | 77 | 55 | 9.59 | 10 | 1 | 0.08 | 10 | 0.39 | 1820 | 142 | 0.01 | 15 | 1450 | 16 | 5.1 | 4 | 7 | 134 | 0.09 | <10 | <10 | 46 | 70 | 40 | | |
| M323288 | 0.008 | | <0.2 | 1.1 | 696 | <10 | 10 | 1 | 4 | 19.5 | <0.5 | 1 | 63 | 93 | 17 | 20 | <1 | 0.01 | 40 | 0.14 | 2420 | 4 | 0.01 | 9 | 3520 | 10 | 0.98 | 2 | 1 | 52 | 0.02 | <10 | <10 | 26 | 520 | 18 | | |
| M323289 | 0.007 | | 0.2 | 0.17 | 83 | <10 | 10 | 1.1 | 5 | 10.45 | <0.5 | 11 | 29 | 11 | 4.04 | <10 | <1 | 0.05 | 10 | 2.07 | 795 | 1 | 0.01 | 15 | 8580 | 5 | 3.94 | 2 | 1 | 70 | 0.05 | <10 | <10 | 13 | 40 | 22 | | |
| M323290 | 0.044 | | 1.6 | 1.26 | 256 | <10 | 20 | 0.6 | 6 | 15.2 | <0.5 | 6 | 65 | 248 | 10.1 | 10 | <1 | 0.03 | 20 | 0.38 | 1390 | 15 | 0.05 | 16 | 6420 | 6 | 1.95 | <2 | 2 | 70 | 0.08 | <10 | <10 | 26 | 370 | 36 | | |
| M323291 | 0.033 | | 0.8 | 0.73 | 18 | <10 | 10 | <0.5 | <2 | 3.12 | <0.5 | 13 | 46 | 810 | 4.87 | <10 | <1 | 0.05 | 60 | 0.53 | 402 | 21 | 0.08 | 12 | 2590 | 6 | 4.76 | 10 | 5 | 49 | 0.16 | <10 | <10 | 43 | <10 | 23 | | |
| M323292 | 0.013 | | 0.4 | 0.75 | 20 | <10 | 60 | <0.5 | 2 | 2.11 | <0.5 | 7 | 42 | 341 | 2.86 | <10 | <1 | 0.18 | 20 | 0.63 | 242 | 16 | 0.06 | 13 | 2060 | 5 | 2.32 | 8 | 4 | 53 | 0.13 | <10 | <10 | 52 | <10 | 23 | | |
| M323293 | 0.073 | | 2.8 | 0.71 | 50 | <10 | 10 | <0.5 | <2 | 0.98 | <0.5 | 20 | 112 | 1875 | 9.26 | <10 | 2 | 0.31 | 10 | 0.46 | 233 | 81 | 0.02 | 44 | 280 | 6 | 8.27 | 41 | 6 | 20 | 0.04 | <10 | <10 | 35 | <10 | 45 | | |
| M323294 | 0.066 | | 1.1 | 0.71 | 39 | <10 | 50 | <0.5 | <2 | 0.94 | <0.5 | 34 | 106 | 664 | 3.42 | <10 | <1 | 0.33 | 10 | 0.53 | 148 | 31 | 0.02 | 38 | 300 | 7 | 2.69 | 4 | 6 | 22 | 0.04 | <10 | <10 | 59 | <10 | 35 | | |
| M323295 | 0.021 | | 0.3 | 0.89 | 6 | <10 | 50 | <0.5 | <2 | 0.23 | <0.5 | 28 | 108 | 301 | 6.93 | <10 | <1 | 0.34 | 10 | 0.68 | 190 | 34 | 0.02 | 21 | 610 | 5 | 4.28 | 3 | 6 | 14 | 0.03 | <10 | <10 | 53 | <10 | 36 | | |
| M323296 | 0.133 | | 2.7 | 0.99 | 57 | <10 | 10 | 0.6 | 39 | 1.8 | <0.5 | 99 | 87 | 2270 | 26.9 | <10 | <1 | 0.22 | 20 | 0.62 | 482 | 34 | 0.01 | 29 | 970 | 7 | >10.0 | 8 | 5 | 30 | 0.08 | <10 | <10 | 71 | 20 | 62 | | |
| M323297 | 0.312 | | 7.7 | 1.51 | 57 | <10 | 30 | 0.5 | 209 | 7.66 | <0.5 | 25 | 158 | 4330 | 16.4 | 10 | <1 | 0.21 | 10 | 0.69 | 951 | 100 | 0.01 | 17 | 2990 | 22 | 9.98 | 11 | 5 | 30 | 0.13 | <10 | <10 | 233 | 70 | 110 | | |
| M323298 | 1.005 | | 19.1 | 0.81 | 49 | <10 | 20 | <0.5 | 296 | 6.67 | 0.5 | 33 | 124 | >10000 | 21.3 | 10 | <1 | 0.14 | <10 | 0.42 | 775 | 18 | 0.01 | 31 | 1310 | 11 | >10.0 | 10 | 2 | 21 | 0.08 | <10 | <10 | 54 | 60 | 161 | 1.06 | |
| M323299 | 0.379 | | 8.6 | 1.15 | 72 | <10 | 20 | <0.5 | 151 | 11.55 | <0.5 | 8 | 131 | 5810 | 15.2 | 10 | <1 | 0.11 | <10 | 0.63 | 1275 | 13 | 0.01 | 16 | 2130 | 10 | 6.95 | 21 | 3 | 29 | 0.09 | <10 | 10 | 126 | 220 | 71 | | |
| M323300 | 0.978 | | 3 | 0.89 | 14 | <10 | 50 | <0.5 | 7 | 1.74 | <0.5 | 30 | 1575 | >10000 | 11.5 | <10 | <1 | 0.42 | <10 | 0.79 | 1070 | 28 | 0.03 | 1270 | 660 | 8 | 3.5 | 8 | 5 | 60 | 0.01 | <10 | <10 | 55 | 10 | 85 | 1.19 | |
| M323301 | 0.008 | | <0.2 | 2.13 | 7 | <10 | 160 | <0.5 | <2 | 1.3 | <0.5 | 29 | 1620 | 142 | 5.31 | <10 | <1 | 0.28 | 10 | 0.81 | 799 | 25 | 0.21 | 1315 | 600 | 3 | 0.08 | <2 | 6 | 79 | 0.19 | <10 | <10 | 74 | <10 | 49 | | |
| M323302 | 0.67 | | 5.6 | 0.99 | 2360 | <10 | 10 | <0.5 | 40 | 12.5 | 0.5 | 13 | 122 | 2800 | 23 | 10 | <1 | 0.08 | <10 | 0.21 | 5760 | 5 | <0.01 | 7 | 2290 | 7 | >10.0 | 91 | 2 | 24 | 0.03 | <10 | 20 | 52 | 240 | 78 | | |
| M323303 | 0.487 | | 17.7 | 0.88 | 172 | <10 | 10 | <0.5 | 137 | 11.15 | 1.3 | 26 | 51 | 9760 | 29.7 | 10 | <1 | 0.07 | <10 | 0.11 | 1140 | 5 | <0.01 | 23 | 2250 | 9 | >10.0 | 14 | 1 | 14 | 0.03 | <10 | 10 | 28 | 290 | 197 | | |
| M323304 | 0.136 | | 5.2 | 0.86 | 126 | <10 | 10 | <0.5 | 192 | 11.95 | <0.5 | 23 | 66 | 2860 | 16.2 | 10 | <1 | 0.15 | <10 | 0.43 | 1150 | 5 | <0.01 | 12 | 4440 | 4 | 7.6 | 9 | 1 | 23 | 0.04 | <10 | <10 | 34 | 90 | 52 | | |
| M323305 | 0.138 | | 6.5 | 0.67 | 209 | <10 | 20 | <0.5 | 176 | 8.98 | 0.6 | 44 | 87 | 3460 | 24.7 | <10 | <1 | 0.19 | <10 | 0.39 | 971 | 8 | 0.01 | 74 | 3010 | 5 | >10.0 | 13 | 2 | 23 | 0.03 | <10 | <10 | 29 | 40 | 78 | | |
| M323306 | 0.09 | | 3.4 | 0.41 | 92 | <10 | 20 | 0.7 | 11 | 6.59 | <0.5 | 24 | 82 | 2660 | 8.28 | <10 | <1 | 0.08 | <10 | 0.81 | 934 | 6 | 0.01 | 30 | 6220 | 3 | 5.2 | 9 | 2 | 33 | 0.04 | <10 | <10 | 40 | 10 | 56 | | |
| M323307 | 0.508 | | 8.1 | 0.79 | 172 | <10 | 30 | <0.5 | 37 | 10.8 | <0.5 | 12 | 57 | 7130 | 10.8 | 10 | <1 | 0.05 | <10 | 0.69 | 1280 | 4 | 0.01 | 16 | 2600 | 3 | 2.32 | 13 | 2 | 30 | 0.05 | <10 | <10 | 31 | 40 | 72 | | |
| M323308 | 0.05 | | 0.6 | 1.32 | 99 | <10 | 10 | <0.5 | <2 | 11.15 | <0.5 | 2 | 57 | 471 | 8.4 | 10 | <1 | 0.04 | <10 | 0.8 | 1440 | 9 | 0.01 | 3 | 2970 | <2 | 0.71 | 3 | 2 | 34 | 0.04 | <10 | <10 | 31 | 20 | 32 | | |
| M323309 | 0.04 | | 1.2 | 0.49 | 48 | <10 | 10 | 0.5 | <2 | 5.3 | <0.5 | 11 | 43 | 1020 | 4.68 | <10 | <1 | 0.03 | <10 | 0.97 | 749 | 15 | 0.01 | 7 | 3820 | 10 | 1.4 | 3 | 1 | 31 | 0.04 | <10 | <10 | 26 | 20 | 47 | | |
| M323310 | 0.013 | | 0.2 | 1.28 | 94 | <10 | 10 | <0.5 | <2 | 11.8 | <0.5 | 2 | 71 | 215 | 9.17 | 10 | <1 | 0.02 | <10 | 1.27 | 1410 | 6 | <0.01 | 1 | 3620 | 5 | 0.63 | <2 | 1 | 42 | 0.05 | <10 | <10 | 34 | 40 | 35 | | |
| M323311 | 0.019 | | 0.4 | 0.96 | 54 | <10 | 20 | 0.6 | <2 | 9.01 | <0.5 | 2 | 44 | 323 | 7.12 | 10 | <1 | 0.02 | <10 | 1.55 | 1100 | 26 | <0.01 | <1 | 4630 | 2 | 0.89 | 2 | 1 | 60 | 0.03 | <10 | <10 | 27 | 20 | 32 | | |
| M323312 | 0.012 | | 0.3 | 1.12 | 68 | <10 | 70 | <0.5 | <2 | 9.8 | <0.5 | 2 | 37 | 551 | 9.17 | 10 | <1 | 0.02 | <10 | 1.22 | 1010 | 15 | 0.01 | <1 | 2770 | 3 | 1.75 | 8 | 1 | 86 | 0.03 | <10 | <10 | 36 | 70 | 25 | | |
| M323313 | 0.12 | | 0.5 | 0.99 | 108 | <10 | 40 | 0.7 | 32 | 9.96 | <0.5 | 6 | 55 | 920 | 9.1 | 10 | <1 | 0.03 | 10 | 0.84 | 795 | 17 | 0.03 | 3 | 9820 | 3 | 2.66 | 9 | 2 | 399 | 0.04 | <10 | <10 | 34 | 160 | 20 | | |
| M323314 | 0.058 | | 0.7 | 1.15 | 70 | <10 | 30 | 0.8 | 3 | 9.19 | <0.5 | 5 | 44 | 1305 | 11.4 | 10 | <1 | 0.04 | <10 | 0.88 | 912 | 24 | 0.02 | 7 | 2940 | 3 | 4.53 | 25 | 2 | 532 | 0.03 | <10 | 10 | 33 | 80 | 24 | | |
| M323315 | 0.08 | | 0.6 | 0.52 | 127 | <10 | 50 | 0.6 | 10 | 8.03 | <0.5 | 4 | 26 | 879 | 7.39 | 10 | <1 | 0.02 | <10 | 0.72 | 931 | 13 | 0.01 | 5 | 3480 | 3 | 2.29 | 6 | 1 | 202 | 0.02 | <10 | <10 | 20 | 70 | 19 | | |
| M323316 | 0.041 | | 0.4 | 0.4 | 758 | <10 | 40 | <0.5 | 10 | 19.9 | <0.5 | 3 | 57 | 534 | 20.6 | 20 | <1 | 0.01 | 10 | 0.1 | 2610 | 15 | 0.01 | <1 | 240 | 3 | 0.9 | 5 | <1 | 19 | 0.01 | <10 | 10 | 21 | 150 | 14 | | |
| M323317 | 0.083 | | 0.7 | 0.24 | 655 | <10 | 10 | <0.5 | 40 | 19.9 | <0.5 | 4 | 43 | 602 | 21.1 | 20 | <1 | 0.01 | 10 | 0.08 | 2110 | 2 | <0.01 | 5 | 250 | 5 | 0.7 | 2 | <1 | 8 | <0.01 | <10 | <10 | 20 | 130 | 16 | | |
| M323318 | 0.274 | | 2.4 | 0.3 | 641 | <10 | 10 | <0.5 | 63 | 18.2 | <0.5 | 4 | 48 | 1185 | 18.8 | 10 | <1 | 0.02 | 10 | 0.23 | 1995 | 2 | <0.01 | 3 | 170 | 7 | 1.1 | 6 | <1 | 12 | <0.01 | <10 | <10 | 20 | 190 | 35 | | |

VA05059001 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 122
DATE RECEIVED : 2005-07-18 DATE FINALIZED : 2005-07-29
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu | Zn |
| DESCRIPTION | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | % |
| M323319 | 0.014 | | 0.2 | 0.37 | 621 | <10 | <10 | <0.5 | 3 | 20 | <0.5 | <1 | 28 | 160 | 20.1 | 20 | <1 | 0.01 | 10 | 0.1 | 2020 | 1 | <0.01 | <1 | 110 | 2 | <0.01 | 5 | <1 | 4 | <0.01 | <10 | <10 | 19 | 180 | 14 | | |
| M323320 | 1.045 | | 2.8 | 0.92 | 13 | <10 | 70 | <0.5 | 2 | 1.78 | <0.5 | 32 | 1600 | >10000 | 11.65 | <10 | 1 | 0.44 | <10 | 0.8 | 1075 | 29 | 0.03 | 1300 | 660 | 8 | 3.52 | 5 | 5 | 60 | 0.01 | <10 | <10 | 57 | 10 | 89 | 1.22 | |
| M323321 | 0.009 | | 0.2 | 2.18 | 7 | <10 | 160 | <0.5 | <2 | 1.36 | <0.5 | 33 | 1680 | 144 | 5.41 | 10 | <1 | 0.29 | 10 | 0.82 | 818 | 25 | 0.21 | 1360 | 610 | 4 | 0.07 | 2 | 6 | 81 | 0.2 | <10 | <10 | 77 | 10 | 50 | | |
| M323322 | 0.04 | | 0.4 | 0.4 | 797 | <10 | <10 | <0.5 | 7 | 21.9 | <0.5 | 16 | 108 | 99 | 23.6 | 20 | <1 | 0.01 | 10 | 0.08 | 2210 | 1 | <0.01 | 4 | 170 | 4 | 0.6 | 5 | <1 | 2 | <0.01 | <10 | 10 | 17 | 220 | 14 | | |
| M323323 | 0.013 | | 0.2 | 0.68 | 665 | <10 | <10 | <0.5 | 6 | 21.1 | <0.5 | 4 | 31 | 68 | 21 | 20 | <1 | 0.01 | 10 | 0.06 | 2090 | 1 | <0.01 | <1 | 280 | 8 | <0.01 | 5 | <1 | 2 | <0.01 | <10 | <10 | 17 | 150 | 13 | | |
| M323324 | 0.009 | | 0.2 | 1.21 | 319 | <10 | <10 | <0.5 | <2 | 20.7 | <0.5 | 3 | 112 | 198 | 19.9 | 10 | <1 | 0.02 | <10 | 0.23 | 2230 | 4 | <0.01 | 1 | 960 | 5 | 0.5 | 4 | <1 | 8 | 0.01 | <10 | <10 | 28 | 90 | 20 | | |
| M323325 | 0.009 | | <0.2 | 0.94 | 401 | <10 | <10 | <0.5 | <2 | 20.5 | <0.5 | 1 | 19 | 108 | 19.8 | 10 | <1 | 0.01 | <10 | 0.14 | 2190 | 8 | <0.01 | <1 | 470 | 7 | <0.01 | 3 | <1 | 5 | <0.01 | <10 | <10 | 21 | 120 | 20 | | |
| M323326 | 0.033 | | 0.6 | 0.88 | 490 | <10 | <10 | <0.5 | 2 | 19.6 | <0.5 | 1 | 25 | 188 | 19.4 | 10 | <1 | 0.02 | 10 | 0.18 | 2290 | 2 | 0.01 | <1 | 490 | 6 | 1 | 3 | <1 | 6 | <0.01 | <10 | <10 | 19 | 110 | 22 | | |
| M323327 | 0.1 | | 1 | 0.68 | 518 | <10 | <10 | <0.5 | <2 | 19.8 | <0.5 | 3 | 6 | 477 | 19.1 | 10 | <1 | 0.02 | <10 | 0.26 | 2750 | 11 | <0.01 | 2 | 290 | 53 | 1.1 | 12 | <1 | 30 | <0.01 | <10 | <10 | 19 | 160 | 22 | | |
| M323328 | 0.023 | | 0.6 | 0.78 | 514 | <10 | <10 | <0.5 | 2 | 19.7 | <0.5 | 6 | 23 | 561 | 19.8 | 10 | <1 | 0.02 | 10 | 0.29 | 1965 | 31 | <0.01 | 4 | 250 | 8 | 1.5 | 6 | <1 | 9 | <0.01 | <10 | <10 | 25 | 160 | 22 | | |
| M323329 | 0.031 | | 0.2 | 0.77 | 639 | <10 | <10 | <0.5 | 2 | 21.2 | <0.5 | 2 | 10 | 96 | 21 | 10 | <1 | 0.02 | 10 | 0.16 | 2060 | 9 | <0.01 | <1 | 470 | 5 | <0.01 | 2 | <1 | 4 | <0.01 | <10 | <10 | 22 | 160 | 20 | | |
| M323330 | 0.012 | | 0.3 | 0.97 | 448 | <10 | <10 | <0.5 | 10 | 18.6 | <0.5 | 2 | 20 | 169 | 18.3 | 10 | <1 | 0.02 | 10 | 0.15 | 1940 | 12 | 0.01 | <1 | 690 | 9 | 0.5 | <2 | <1 | 6 | 0.01 | <10 | <10 | 25 | 90 | 17 | | |
| M323331 | 0.018 | | 0.5 | 0.61 | 393 | <10 | <10 | <0.5 | 6 | 14.7 | <0.5 | 1 | 9 | 252 | 12.75 | 10 | <1 | 0.01 | 10 | 0.13 | 1495 | 5 | 0.01 | 1 | 400 | 8 | 0.64 | <2 | <1 | 6 | <0.01 | <10 | <10 | 15 | 100 | 14 | | |
| M323332 | 0.027 | | 0.6 | 1.24 | 486 | <10 | 30 | <0.5 | 420 | 15.9 | <0.5 | 2 | 12 | 227 | 14.6 | 10 | <1 | 0.02 | 10 | 0.22 | 1955 | 44 | 0.01 | 2 | 880 | 19 | 0.5 | 3 | 1 | 30 | 0.04 | <10 | <10 | 30 | 80 | 16 | | |
| M323333 | 0.006 | | 0.5 | 0.68 | 499 | <10 | <10 | <0.5 | 3 | 17.4 | <0.5 | 1 | 19 | 213 | 16.5 | 10 | <1 | 0.01 | 10 | 0.1 | 1625 | 3 | 0.01 | 1 | 2270 | 14 | <0.01 | <2 | <1 | 8 | 0.01 | <10 | 10 | 22 | 110 | 12 | | |
| M323334 | 0.013 | | 0.6 | 0.85 | 722 | <10 | <10 | <0.5 | 9 | 18.5 | <0.5 | 3 | 24 | 433 | 18.5 | 20 | <1 | 0.02 | 20 | 0.2 | 1715 | 16 | 0.01 | 5 | 1780 | 6 | 1.3 | <2 | <1 | 12 | 0.01 | <10 | <10 | 37 | 100 | 13 | | |
| M323335 | 0.031 | | 0.5 | 0.64 | 573 | <10 | <10 | <0.5 | 5 | 15.9 | <0.5 | 3 | 26 | 388 | 16.5 | 10 | 2 | 0.01 | 10 | 0.24 | 1575 | 15 | 0.01 | 1 | 1050 | 10 | 1.3 | <2 | <1 | 12 | 0.01 | <10 | 10 | 27 | 100 | 15 | | |
| M323336 | 0.022 | | 0.4 | 0.73 | 417 | <10 | <10 | <0.5 | 4 | 17 | <0.5 | 3 | 14 | 275 | 18.1 | 10 | <1 | 0.02 | 10 | 0.19 | 1725 | 2 | 0.01 | 5 | 340 | 8 | 1 | <2 | <1 | 8 | 0.01 | <10 | 10 | 24 | 120 | 17 | | |
| M323337 | 0.03 | | 0.3 | 0.55 | 569 | <10 | <10 | <0.5 | 2 | 18.3 | <0.5 | 2 | 19 | 112 | 18.6 | 10 | <1 | 0.01 | 10 | 0.14 | 1625 | 1 | 0.01 | <1 | 320 | 7 | <0.01 | <2 | <1 | 7 | <0.01 | <10 | 10 | 17 | 180 | 15 | | |
| M323338 | 0.029 | | 0.5 | 0.68 | 531 | <10 | <10 | <0.5 | 5 | 19.1 | <0.5 | 1 | 9 | 253 | 19.3 | 10 | 1 | 0.02 | 10 | 0.15 | 1850 | 1 | 0.01 | 2 | 360 | 6 | <0.01 | <2 | <1 | 7 | 0.01 | <10 | 10 | 18 | 150 | 17 | | |
| M323339 | 0.034 | | 0.8 | 0.36 | 762 | <10 | <10 | <0.5 | 10 | 18.9 | <0.5 | 4 | 25 | 431 | 19.5 | 10 | 1 | 0.02 | 20 | 0.1 | 1865 | 1 | 0.01 | 6 | 250 | 10 | <0.01 | <2 | <1 | 5 | <0.01 | <10 | 10 | 14 | 180 | 15 | | |
| M323340 | 0.943 | | 2.9 | 0.94 | 17 | 10 | 50 | <0.5 | 5 | 1.77 | <0.5 | 28 | 1545 | >10000 | 11.25 | <10 | 1 | 0.46 | <10 | 0.81 | 1045 | 29 | 0.04 | 1230 | 650 | 12 | 3.61 | 6 | 5 | 64 | 0.01 | <10 | <10 | 56 | <10 | 84 | 1.24 | |
| M323341 | 0.006 | | 0.2 | 2.24 | 11 | 10 | 160 | <0.5 | <2 | 1.38 | <0.5 | 29 | 1660 | 135 | 5.51 | 10 | 2 | 0.3 | 10 | 0.85 | 816 | 25 | 0.24 | 1330 | 640 | 4 | 0.07 | 3 | 6 | 87 | 0.21 | <10 | <10 | 78 | <10 | 49 | | |
| M323342 | 0.189 | | 4 | 0.88 | 552 | <10 | <10 | <0.5 | 5 | 16.2 | 1.1 | 5 | 23 | 1600 | 13.2 | 10 | <1 | 0.03 | 10 | 0.4 | 2470 | <1 | 0.01 | 14 | 730 | 153 | 0.99 | 63 | 2 | 19 | 0.06 | <10 | 10 | 38 | 120 | 172 | | |
| M323343 | 0.372 | | 12.2 | 0.95 | 316 | <10 | <10 | <0.5 | 10 | 16.4 | 0.5 | 8 | 47 | 6350 | 12.75 | 10 | 1 | 0.03 | 10 | 0.4 | 1965 | <1 | 0.01 | 34 | 2040 | 29 | 1.18 | 6 | 2 | 25 | 0.06 | <10 | 10 | 52 | 150 | 122 | | |
| M323344 | 3.6 | | 81.9 | 0.69 | 621 | <10 | <10 | <0.5 | 6 | 15.6 | 80 | 79 | <1 | >10000 | 19.2 | 10 | 1 | 0.01 | 10 | 0.18 | 3610 | <1 | 0.01 | 81 | 1470 | 217 | 4.42 | 230 | 2 | 20 | 0.01 | <10 | 10 | 30 | 280 | >10000 | 3.45 | 1.41 |
| M323345 | 2.77 | | 60.1 | 0.99 | 306 | <10 | <10 | <0.5 | 16 | 15.9 | 13.7 | 70 | 22 | >10000 | 19.1 | 10 | 1 | 0.01 | 10 | 0.13 | 1385 | <1 | 0.01 | 88 | 550 | 12 | 3.9 | 4 | 2 | 8 | 0.03 | <10 | 10 | 36 | 220 | 2240 | 2.7 | |
| M323346 | 0.739 | | 21.6 | 0.99 | 266 | <10 | <10 | <0.5 | 9 | 18.9 | 16.6 | 15 | 25 | 9560 | 12.8 | 10 | <1 | 0.01 | 20 | 0.2 | 1455 | <1 | 0.01 | 63 | 7170 | 9 | 2.8 | 4 | 2 | 55 | 0.02 | <10 | 10 | 34 | 190 | 3050 | | |

VA05065721 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 155
DATE RECEIVED : 2005-08-08 DATE FINALIZED : 2005-08-26
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | Au-AA23 | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA46 | Cu-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Au Check | Au Check2 | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Ag | Cu | Zn |
| DESCRIPTION | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| M323346 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M323347 | <0.005 | | | <0.2 | 0.77 | 1165 | <10 | 30 | <0.5 | 3 | 18.1 | <0.5 | <1 | 5 | 26 | 16.35 | 20 | <1 | 0.01 | 20 | 0.11 | 1815 | 2 | 0.01 | <1 | 80 | <2 | 0.15 | 16 | <1 | 11 | <0.01 | <10 | 10 | 20 | 190 | 110 | | | |
| M323348 | <0.005 | | | <0.2 | 0.77 | 1330 | <10 | 20 | <0.5 | 3 | 18.35 | <0.5 | <1 | 4 | 79 | 16.45 | 20 | <1 | 0.01 | 30 | 0.1 | 1825 | 3 | 0.01 | <1 | 170 | <2 | 0.1 | 5 | <1 | 7 | <0.01 | <10 | 10 | 21 | 160 | 16 | | | |
| M323349 | <0.005 | | | <0.2 | 0.64 | 1045 | <10 | 10 | <0.5 | 3 | 17.7 | <0.5 | <1 | 6 | 12 | 15.9 | 20 | <1 | 0.01 | 20 | 0.13 | 1750 | 2 | 0.01 | <1 | 340 | <2 | 0.14 | 4 | <1 | 8 | <0.01 | <10 | 10 | 19 | 150 | 15 | | | |
| M323350 | <0.005 | | | <0.2 | 0.58 | 873 | <10 | 10 | <0.5 | 2 | 17.4 | <0.5 | <1 | 20 | 10 | 15.2 | 20 | <1 | 0.01 | 10 | 0.23 | 1685 | 2 | 0.01 | <1 | 850 | 2 | 0.17 | 2 | <1 | 11 | <0.01 | <10 | <10 | 17 | 110 | 21 | | | |
| M323351 | <0.005 | | | <0.2 | 0.69 | 872 | <10 | 10 | <0.5 | 4 | 17.1 | <0.5 | <1 | 9 | 7 | 15.05 | 10 | 1 | 0.01 | 10 | 0.19 | 1800 | 1 | 0.01 | 2 | 310 | <2 | 0.22 | <2 | <1 | 11 | <0.01 | <10 | <10 | 22 | 130 | 21 | | | |
| M323352 | 0.018 | | | <0.2 | 0.89 | 686 | <10 | 10 | <0.5 | 4 | 16.8 | <0.5 | <1 | 19 | 49 | 13.35 | 10 | <1 | 0.03 | 10 | 0.17 | 1815 | 2 | 0.01 | 3 | 580 | <2 | 0.31 | 2 | 1 | 19 | 0.02 | <10 | <10 | 37 | 120 | 24 | | | |
| M323353 | 0.007 | | | <0.2 | 0.62 | 1015 | <10 | <10 | <0.5 | 3 | 17.55 | <0.5 | <1 | 14 | 44 | 15.35 | 10 | <1 | 0.01 | 10 | 0.14 | 1865 | 1 | 0.01 | 3 | 790 | 2 | 0.64 | 31 | <1 | 18 | 0.01 | <10 | <10 | 21 | 150 | 24 | | | |
| M323354 | 0.012 | | | <0.2 | 0.51 | 980 | <10 | <10 | <0.5 | 3 | 17.25 | <0.5 | 1 | 11 | 115 | 15.15 | 20 | <1 | 0.01 | 10 | 0.09 | 1715 | 1 | 0.01 | <1 | 140 | <2 | 0.39 | 5 | <1 | 11 | <0.01 | <10 | <10 | 14 | 140 | 28 | | | |
| M323355 | 0.006 | | | <0.2 | 0.54 | 1055 | <10 | 10 | <0.5 | 3 | 18.35 | <0.5 | <1 | 7 | 9 | 16.1 | 20 | <1 | 0.01 | 20 | 0.09 | 1795 | 2 | 0.01 | <1 | 60 | <2 | 0.27 | <2 | <1 | 13 | <0.01 | <10 | 10 | 15 | 180 | 23 | | | |
| M323356 | <0.005 | | | <0.2 | 0.66 | 973 | <10 | <10 | <0.5 | 2 | 17.95 | <0.5 | <1 | 14 | 11 | 15.65 | 10 | <1 | 0.01 | 10 | 0.1 | 1730 | 3 | 0.01 | 3 | 160 | <2 | 0.55 | 21 | <1 | 13 | <0.01 | <10 | <10 | 20 | 130 | 18 | | | |
| M323357 | 0.218 | | | <0.2 | 0.74 | 871 | <10 | 10 | <0.5 | 3 | 17.9 | <0.5 | <1 | 12 | 14 | 16.25 | 20 | <1 | <0.01 | 10 | 0.07 | 1610 | 4 | 0.01 | <1 | 230 | 4 | 0.76 | 15 | <1 | 6 | 0.01 | <10 | 10 | 22 | 140 | 32 | | | |
| M323358 | 0.007 | | | <0.2 | 0.59 | 1170 | <10 | <10 | <0.5 | 4 | 17.15 | <0.5 | <1 | 13 | 17 | 16.4 | 20 | <1 | <0.01 | 10 | 0.08 | 1595 | 3 | 0.01 | 1 | 350 | 2 | 1.49 | 35 | <1 | 8 | <0.01 | <10 | <10 | 19 | 130 | 13 | | | |
| M323359 | <0.005 | | | <0.2 | 0.53 | 772 | <10 | <10 | <0.5 | 4 | 16.8 | <0.5 | <1 | 9 | 10 | 16.15 | 20 | <1 | <0.01 | 10 | 0.08 | 1690 | 2 | 0.01 | 1 | 490 | 2 | 0.69 | 13 | <1 | 6 | <0.01 | <10 | 10 | 16 | 170 | 13 | | | |
| M323360 | 0.947 | | | 2.8 | 0.85 | 12 | 10 | 50 | <0.5 | 2 | 1.63 | <0.5 | 28 | 1455 | >10000 | 10.8 | <10 | 1 | 0.42 | <10 | 0.75 | 1010 | 28 | 0.03 | 1185 | 640 | 6 | 3.46 | 5 | 5 | 62 | 0.01 | <10 | <10 | 54 | 10 | 80 | | 1.19 | |
| M323361 | 0.009 | | | <0.2 | 2.21 | 3 | <10 | 160 | <0.5 | <2 | 1.36 | <0.5 | 28 | 1600 | 122 | 5.46 | 10 | <1 | 0.29 | 10 | 0.85 | 820 | 26 | 0.25 | 1275 | 610 | 5 | 0.06 | <2 | 7 | 84 | 0.2 | <10 | <10 | 77 | <10 | 48 | | | |
| M323362 | 0.005 | | | 0.2 | 0.99 | 630 | <10 | <10 | <0.5 | 3 | 19.2 | <0.5 | <1 | 19 | 15 | 20.8 | 20 | 1 | <0.01 | 10 | 0.1 | 1630 | 2 | 0.01 | 4 | 1800 | 2 | 0.6 | 4 | 1 | 8 | 0.01 | 10 | 10 | 40 | 120 | 10 | | | |
| M323363 | 0.021 | | | <0.2 | 1.18 | 682 | <10 | <10 | <0.5 | 3 | 17.9 | <0.5 | <1 | 15 | 13 | 19.8 | 20 | <1 | <0.01 | 20 | 0.16 | 1680 | 38 | 0.02 | 1 | 1600 | 2 | 1.8 | 17 | 1 | 16 | 0.01 | <10 | 10 | 43 | 110 | 20 | | | |
| M323364 | <0.005 | | | <0.2 | 0.99 | 808 | <10 | <10 | <0.5 | 3 | 19.3 | <0.5 | <1 | 21 | 13 | 20.2 | 20 | <1 | 0.01 | 20 | 0.12 | 1695 | 24 | 0.02 | 2 | 3560 | 6 | 0.9 | 46 | <1 | 18 | 0.01 | <10 | 10 | 35 | 120 | 13 | | | |
| M323365 | <0.005 | | | <0.2 | 0.91 | 575 | <10 | 10 | <0.5 | <2 | 18.7 | <0.5 | <1 | 31 | 13 | 18.1 | 20 | <1 | 0.02 | 10 | 0.19 | 1815 | 2 | 0.01 | 1 | 1920 | 3 | 0.7 | 10 | 1 | 48 | 0.01 | <10 | 10 | 34 | 110 | 24 | | | |
| M323366 | 0.007 | | | <0.2 | 0.81 | 593 | <10 | <10 | <0.5 | 3 | 18.9 | <0.5 | <1 | 20 | 14 | 17.4 | 20 | <1 | 0.03 | 10 | 0.33 | 1715 | 1 | 0.02 | 4 | 1200 | 4 | 0.5 | 5 | <1 | 19 | 0.01 | <10 | 10 | 30 | 130 | 23 | | | |
| M323367 | <0.005 | | | <0.2 | 0.68 | 525 | <10 | 20 | <0.5 | 2 | 18 | <0.5 | <1 | 9 | 18 | 18.9 | 10 | <1 | 0.02 | 10 | 0.37 | 1570 | 2 | 0.02 | 1 | 740 | 5 | 0.5 | <2 | <1 | 13 | <0.01 | <10 | 10 | 24 | 130 | 15 | | | |
| M323368 | 0.005 | | | <0.2 | 0.6 | 765 | <10 | <10 | <0.5 | 2 | 18.2 | <0.5 | <1 | 13 | 19 | 19.5 | 10 | 1 | 0.01 | 20 | 0.34 | 1620 | 5 | 0.01 | 2 | 620 | 4 | <0.01 | <2 | 1 | 10 | 0.01 | <10 | 10 | 24 | 150 | 21 | | | |
| M323369 | 0.35 | | | 4.9 | 0.54 | 778 | <10 | <10 | <0.5 | 4 | 16.7 | <0.5 | <1 | 56 | 2070 | 18.8 | 10 | 1 | 0.01 | 20 | 0.46 | 1580 | 1 | 0.02 | 21 | 1990 | 7 | 2 | 3 | 3 | 15 | 0.06 | <10 | 10 | 30 | 170 | 156 | | | |
| M323370 | 0.006 | | | <0.2 | 0.65 | 862 | <10 | 10 | <0.5 | 3 | 19.1 | <0.5 | 3 | 58 | 24 | 19.8 | 10 | 1 | 0.01 | 30 | 0.15 | 2070 | <1 | 0.01 | 7 | 5610 | 2 | 2 | <2 | 3 | 26 | 0.02 | <10 | 10 | 39 | 140 | 33 | | | |
| M323371 | 0.007 | | | 0.2 | 0.58 | 837 | <10 | <10 | <0.5 | 2 | 19.1 | <0.5 | <1 | 55 | 57 | 19.1 | 20 | <1 | 0.01 | 20 | 0.34 | 1685 | 1 | 0.02 | 4 | 3950 | 3 | <0.01 | <2 | 2 | 20 | 0.01 | 10 | 10 | 48 | 120 | 20 | | | |
| M323372 | 0.012 | | | 0.2 | 0.69 | 1140 | <10 | <10 | <0.5 | 2 | 19.4 | <0.5 | <1 | 48 | 13 | 19.7 | 20 | <1 | 0.02 | 30 | 0.21 | 1940 | 5 | 0.02 | 5 | 1950 | 3 | 1.1 | 2 | 2 | 20 | 0.02 | <10 | 10 | 49 | 140 | 16 | | | |
| M323373 | 0.013 | | | 0.2 | 0.59 | 1640 | <10 | <10 | <0.5 | 2 | 20.3 | <0.5 | <1 | 41 | 23 | 21.6 | 20 | <1 | 0.02 | 30 | 0.16 | 2050 | 22 | 0.02 | 2 | 2290 | 4 | 1.2 | 5 | 2 | 25 | 0.01 | <10 | 10 | 42 | 170 | 14 | | | |
| M323374 | <0.005 | | | 0.2 | 0.61 | 1195 | <10 | 10 | <0.5 | 3 | 20.6 | <0.5 | <1 | 25 | 24 | 21.9 | 20 | <1 | 0.02 | 30 | 0.2 | 1765 | 4 | 0.02 | 2 | 2840 | 2 | <0.01 | <2 | 1 | 16 | <0.01 | <10 | 10 | 24 | 200 | 11 | | | |
| M323375 | 0.008 | | | 0.4 | 0.68 | 1265 | <10 | <10 | <0.5 | 3 | 21 | <0.5 | <1 | 14 | 106 | 21.6 | 20 | 2 | 0.01 | 30 | 0.16 | 1860 | 1 | 0.02 | 3 | 3460 | 3 | 0.6 | 6 | 1 | 23 | <0.01 | 10 | 10 | 25 | 180 | 19 | | | |
| M323376 | 0.006 | | | <0.2 | 0.65 | 1350 | <10 | <10 | <0.5 | 4 | 20.9 | <0.5 | <1 | 11 | 76 | 22 | 20 | <1 | <0.01 | 40 | 0.12 | 1970 | 1 | 0.02 | 4 | 1410 | 3 | 0.5 | 3 | 1 | 16 | <0.01 | 10 | 10 | 26 | 170 | 16 | | | |
| M323377 | 0.028 | | | 0.8 | 0.71 | 1015 | <10 | <10 | <0.5 | 2 | 19.9 | <0.5 | <1 | 34 | 308 | 21.5 | 20 | <1 | 0.02 | 20 | 0.32 | 1705 | 6 | 0.02 | 6 | 2010 | 2 | 0.5 | <2 | 1 | 21 | 0.01 | 10 | 10 | 29 | 150 | 19 | | | |
| M323378 | <0.005 | | | <0.2 | 1.04 | 685 | <10 | <10 | <0.5 | 2 | 19 | <0.5 | <1 | 39 | 24 | 19.7 | 20 | <1 | 0.03 | 10 | 0.38 | 1735 | 2 | 0.02 | 2 | 2660 | 2 | 0.6 | <2 | 2 | 17 | 0.02 | <10 | 10 | 69 | 90 | 16 | | | |
| M323379 | <0.005 | | | <0.2 | 1.08 | 665 | <10 | <10 | <0.5 | 2 | 18.2 | <0.5 | <1 | 74 | 19 | 18.3 | 20 | 1 | 0.01 | 10 | 0.19 | 1730 | 33 | 0.02 | <1 | 2280 | 4 | 0.5 | <2 | 3 | 22 | 0.04 | <10 | 10 | 187 | 100 | 20 | | | |
| M323380 | 0.954 | | | 2.9 | 0.91 | 17 | <10 | 40 | <0.5 | 3 | 1.79 | <0.5 | 28 | 1535 | >10000 | 11.5 | 10 | <1 | 0.45 | <10 | 0.79 | 1045 | 29 | 0.04 | 1210 | 620 | 6 | 3.47 | 2 | 5 | 63 | 0.01 | 10 | <10 | 59 | <10 | 87 | | 1.19 | |
| M323381 | 0.005 | | | <0.2 | 2.11 | 9 | <10 | 150 | <0.5 | <2 | 1.3 | <0.5 | 27 | 1550 | 128 | 5.19 | 10 | <1 | 0.28 | 10 | 0.81 | 780 | 24 | 0.23 | 1230 | 560 | 4 | 0.06 | <2 | 6 | 81 | 0.19 | <10 | <10 | 75 | <10 | 44 | | | |
| M323382 | <0.005 | | | <0.2 | 0.98 | 663 | <10 | <10 | <0.5 | 3 | 19.2 | <0.5 | <1 | 50 | 17 | 19.2 | 20 | <1 | 0.02 | 10 | 0.28 | 1835 | 3 | 0.02 | 1 | 1800 | 3 | 0.5 | <2 | 2 | 16 | 0.03 | <10 | 10 | 78 | 110 | 17 | | | |
| M323383 | <0.005 | | | <0.2 | 0.74 | 910 | <10 | <10 | <0.5 | 3 | 19.5 | <0.5 | <1 | 51 | 16 | 20.5 | 10 | 1 | 0.02 | 20 | 0.32 | 1750 | 4 | 0.02 | 2 | 2590 | 3 | <0.01 | <2 | 2 | 16 | 0.01 | 10 | 10 | 36 | 140 | 14 | | | |
| M323384 | 0.212 | | | 5.3 | 0.65 | 1090 | <10 | <10 | <0.5 | 2 | 20.8 | <0.5 | <1 | 43 | 2340 | 23.4 | 20 | 1 | 0.02 | 20 | 0.33 | 1830 | 2 | 0.02 | 14 | 3150 | 2 | 0.7 | <2 | 2 | 16 | 0.01 | 10 | 10 | 36 | 190 | 45 | | | |
| M323385 | 0.082 | | | 2 | 0.61 | 1370 | <10 | <10 | <0.5 | 3 | 21 | <0.5 | <1 | 25 | 885 | 22.7 | 20 | 1 | 0.02 | 30 | 0.27 | 1815 | 1 | 0.02 | 4 | 3240 | <2 | 0.5 | <2 | 1 | 14 | 0.01 | 10 | 10 | 30 | 210 | 27 | | | |
| M323386 | <0.005 | | | <0.2 | 1.18 | 544 | <10 | <10 | <0.5 | 2 | 19.1 | <0.5 | <1 | 104 | 47 | 18.2 | 20 | <1 | 0.04 | 20 | 0.35 | 1800 | 2 | 0.02 | <1 | 6300 | <2 | <0.01 | <2 | 4 | 21 | 0.07 | 10 | 10 | 507 | 100 | 15 | | | |
| M323387 | 0.04 | | | 1.1 | 1.48 | 414 | <10 | <10 | <0.5 | 4 | 19 | <0.5 | <1 | 117 | 482 | 17.3 | 20 | <1 | 0.05 | 20 | 0.26 | 1975 | 3 | 0.02 | 14 | 2310 | 3 | <0.01 | <2 | 4 | 16 | 0.06 | <10 | 10 | 535 | 70 | 32 | | | |
| M323388 | <0.005 | | | <0.2 | 0.77 | 1060 | <10 | <10 | <0.5 | 2 | 20.1 | <0.5 | <1 | 43 | 14 | 21.1 | 20 | 1 | 0.02 | 30 | 0.17 | 1865 | 1 | 0.02 | <1 | 1320 | 2 | <0.01 | <2 | 2 | 11 | 0.02 | <10 | 10 | 196 | 160 | 13 | | | |
| M323389 | <0.005 | | | <0.2 | 0.58 | 1265 | <10 | <10 | <0.5 | 3 | 19.7 | <0.5 | <1 | 46 | 17 | 21.4 | 20 | 1 | 0.01 | 40 | 0.19 | 1840 | 1 | 0.02 | 2 | 1620 | 3 | 0.7 | <2 | 1 | 15 | 0.01 | <10 | 10 | 28 | 160 | 13 | | | |
| M323390 | 0.008 | | | <0.2 | 1.36 | 290 | <10 | <10 | <0.5 | 2 | 16 | <0.5 | <1 | 20 | 19 | 10.95 | 10 | <1 | 0.03 | 20 | 0.22 | 1895 | 3 | 0.02 | 6 | 1120 | 3 | 0.9 | 8 | 3 | 41 | 0.08 | <10 | 10 | 55 | 70 | 25 | | | |
| M323391 | 0.044 | | | 0.6 | 1.22 | 3030 | <10 | <10 | <0.5 | 13 | 12.15 | <0.5 | 18 | 7 | 68 | 17 | 10 | 1 | 0.06 | 50 | 0.9 | 1530 | 7 | 0.02 | 44 | 1500 | 6 | >10.0 | 226 | 3 | 93 | 0.01 | <10 | <10 | 34 | 10 | 73 | | | |
| M323392 | 0.005 | | | 0.2 | 1.16 | 519 | <10 | <10 | <0.5 | 3 | 17.9 | <0.5 | <1 | 6 | 16 | 17.6 | 10 | <1 | 0.01 | 40 | 0.15 | 1810 | 3 | 0.02 | 3 | 870 | 2 | 1.5 | 15 | 1 | 30 | 0.03 | <10 | 10 | 22 | 110 | 13 | | | |
| M323393 | <0.005 | | | 0.2 | 0.68 | 1165 | <10 | <10 | <0.5 | 3 | 20.7 | <0.5 | <1 | 18 | 57 | 22.9 | 20 | <1 | <0.01 | 30 | 0.1 | 1905 | 1 | 0.02 | 3 | 1260 | <2 | 0.6 | 20 | 1 | 16 | <0.01 | 10 | 10 | 23 | 170 | 6 | | | |
| M323394 | <0.005 | | | <0.2 | 0.6 | 1710 | <10 | <10 | <0.5 | 6 | 21 | <0.5 | <1 | 49 | 17 | 23.1 | 20 | 1 | <0.01 | 50 | 0.1 | 1855 | 1 | 0.02 | 1 | 1890 | 2 | 0.8 | 27 | 1 | 18 | 0.01 | <10 | 10 | 30 | 210 | 8 | | | |
| M323395 | <0.005 | | | <0.2 | 0.6 | 1595 | <10 | <10 | <0.5 | 3 | 21.4 | <0.5 | <1 | 39 | 15 | 23.3 | 20 | 1 | <0.01 | 40 | 0.09 | 1965 | 1 | 0.02 | <1 | 1630 | 5 | <0.01 | <2 | 1 | 12 | 0.01 | 10 | 10 | 29 | 230 | 11 | | | |
| M323396 | 0.012 | | | 0.2 | 0.62 | 1240 | <10 | <10 | <0.5 | 4 | 20.8 | <0.5 | <1 | 24 | 17 | 23.1 | 20 | <1 | 0.01 | 30 | 0.12 | 1925 | 2 | 0.02 | 4 | 1520 | 2 | 0.6 | <2 | 1 | 15 | 0.01 | 10 | 10 | 25 | 220 | 13 | | | |
| M323397 | <0.005 | | | 0.3 | 0.61 | 1325 | <10 | <10 | <0.5 | 3 | 19.5 | <0.5 | <1 | 14 | 17 | 22.3 | 20 | <1 | <0.01 | 40 | 0.1 | 1795 | 2 | 0.02 | <1 | 2130 | 5 | 0.7 | 6 | 1 | 16 | 0.01 | <10 | 10 | 21 | 190 | 10 | | | |
| M323398 | 0.007 | | | 0.3 | 0.49 | 1590 | <10 | <10 | <0.5 | 3 | 18.7 | <0.5 | <1 | 21 | 62 | 21.9 | 20 | 1 | 0.01 | 40 | 0.16 | 1860 | 1 | 0.02 | 3 | 1100 | <2 | 1 | 26 | 1 | 28 | 0.01 | 10 | 20 | 23 | 200 | 14 | | | |
| M323399 | 0.039 | | | 1.2 | 0.84 | 652 | <10 | <10 | <0.5 | 5 | 18.8 | <0.5 | 1 | 31 | 457 | 20.8 | 20 | <1 | 0.01 | 20 | 0.22 | 2010 | 2 | 0.02 | 8 | 1220 | 3 | 0.6 | 14 | 2 | 22 | 0.01 | <10 | 10 | 31 | 140 | 26 | | | |
| M323400 | 1.015 | | | 2.9 | 0.89 | 18 | <10 | 50 | <0.5 | <2 | 1.63 | <0.5 | 27 | 1480 | >10000 | 11.05 | <10 | 1 | 0.44 | <10 | 0.77 | 1005 | 28 | 0.04 | 1165 | 600 | 12 | 3.32 | <2 | 5 | 62 | 0.01 | <10 | <10 | 56 | 10 | 80 | | 1.18 | |
| M323401 | 0.007 | | | 0.2 | 2.24 | 9 | <10 | 160 | <0.5 | <2 | 1.34 | <0.5 | 27 | 1595 | 145 | 5.39 | 10 | <1 | 0.29 | 10 | 0.85 | 811 | 26 | 0.25 | 1265 | 580 | 3 | 0.06 | <2 | 7 | 87 | 0.2 | <10 | <10 | 78 | <10 | 47 | | | |
| M323402 | 0.397 | | | 12 | 0.57 | 437 | <10 | 160 | <0.5 | 7 | 16.4 | <0.5 | 6 | 19 | 4730 | 19.5 | 10 | <1 | 0.02 | 20 | 0.83 | 1920 | 2 | 0.02 | 15 | 4340 | 6 | 1.1 | <2 | 1 | 33 | 0.02 | 10 | 10 | 28 | 130 | 136 | | | |
| M323403 | 1.115 | | | 48.5 | 0.88 | 166 | <10 | <10 | <0.5 | 16 | 7.07 | 8.2 | 166 | 17 | >10000 | 28.6 | <10 | 1 | 0.05 | <10 | 0.51 | 1170 | 1 | 0.02 | 193 | 2540 | 11 | >10.0 | <2 | 2 | 25 | 0.05 | 10 | 10 | 34 | 70 | 2320 | | 1.24 | |
| M323404 | 0.042 | | | 0.7 | 1.47 | 55 | <10 | 10 | <0.5 | 2 | 11.55 | <0.5 | 2 | 75 | 172 | 5.9 | 10 | 1 | 0.08 | 20 | 0.97 | 1450 | 4 | 0.02 | 36 | 3540 | 5 | 0.56 | <2 | 4 | 39 | 0.07 | <10 | 10 | 349 | 60 | 47 | | | |
| M323405 | 0.161 | | | 1.7 | 1.2 | 27 | <10 | <10 | <0.5 | 16 | 8.77 | <0.5 | 5 | 66 | 430 | 4.56 | 10 | 1 | 0.09 | 20 | 1.05 | 1225 | 17 | 0.02 | 39 | 1940 | 5 | 0.43 | 3 | 3 | 35 | 0.08 | <10 | 20 | 186 | 50 | 96 | | | |
| M323406 | 0.188 | | | 1.5 | 1.53 | 57 | <10 | 10 | 0.6 | 82 | 14.2 | <0.5 | 2 | 89 | 334 | 7.25 | 10 | 1 | 0.05 | 30 | 0.63 | 1670 | 6 | 0.02 | 61 | 1720 | 9 | 0.54 | 7 | 4 | 49 | 0.09 | <10 | 20 | 92 | 90 | 284 | | | |
| M323407 | 1.19 | | | 38.6 | 0.68 | 736 | <10 | 10 | <0.5 | 11 | 18.2 | 18.4 | 29 | 18 | >10000 | 20.5 | 20 | 2 | 0.01 | 30 | 0.45 | 1745 | <1 | 0.02 | 52 | 2400 | 4 | 5.5 | 85 | 1 | 110 | <0.01 | <10 | 20 | 28 | 140 | 3790 | | 1.86 | |
| M323408 | 0.048 | | | 2.8 | 0.47 | 1250 | <10 | 10 | <0.5 | 5 | 22.6 | <0.5 | <1 | 27 | 1010 | 12 | 10 | <1 | 0.02 | 60 | 0.8 | 2180 | 1 | 0.02 | 13 | 2580 | 2 | 4 | 139 | 1 | 196 | <0.01 | <10 | 20 | 32 | 120 | 66 | | | |
| M323409 | 0.08 | | | 1.2 | 0.79 | 136 | <10 | 20 | 0.5 | 3 | 8.14 | <0.5 | 11 | 10 | 1110 | 11.7 | 10 | <1 | 0.03 | 10 | 0.48 | 1155 | 25 | 0.02 | 15 | 3090 | 8 | 6.24 | <2 | 2 | 17 | 0.05 | <10 | <10 | 25 | 60 | 94 | | | |
| M323410 | 0.006 | | | 0.3 | 0.98 | 24 | <10 | 90 | 0.5 | <2 | 0.9 | <0.5 | 8 | 36 | 325 | 2.26 | <10 | <1 | 0.55 | 10 | 0.87 | 160 | 19 | 0.04 | 31 | 330 | 4 | 1.54 | 5 | 9 | 16 | 0.08 | <10 | <10 | 67 | <10 | 23 | | | |
| M323411 | 0.028 | | | 1.4 | 1.04 | 69 | <10 | 20 | 0.8 | 2 | 8.91 | <0.5 | 7 | 16 | 1905 | 17.6 | 10 | <1 | 0.03 | 10 | 0.59 | 1205 | 14 | 0.03 | 15 | 480 | 4 | 8.53 | <2 | 3 | 21 | 0.06 | 10 | <10 | 31 | 70 | 44 | | | |
| M323412 | 0.014 | | | 0.6 | 1.02 | 24 | <10 | 50 | <0.5 | 2 | 8.45 | <0.5 | 6 | 12 | 704 | 9.99 | 10 | <1 | 0.03 | 20 | 0.31 | 799 | 5 | 0.05 | 4 | 1170 | 2 | 4.09 | 2 | 2 | 31 | 0.09 | 10 | <10 | 34 | 10 | 20 | | | |
| M323413 | 0.026 | | | 0.8 | 1.2 | 12 | <10 | 70 | <0.5 | 2 | 2.05 | <0.5 | 24 | 2 | 707 | 3.51 | <10 | <1 | 0.03 | 10 | 0.51 | 284 | 47 | 0.09 | 6 | 2140 | 4 | 2.77 | 6 | 2 | 84 | 0.09 | <10 | <10 | 24 | 10 | 33 | | | |
| M323414 | 0.032 | | | 0.7 | 1.56 | 22 | <10 | 120 | <0.5 | <2 | 3.53 | <0.5 | 7 | 3 | 524 | 3.25 | 10 | 1 | 0.03 | 10 | 0.31 | 476 | 13 | 0.19 | 4 | 2000 | 6 | 1.74 | 3 | 2 | 115 | 0.07 | <10 | <10 | 23 | 10 | 28 | | | |
| M323415 | 0.073 | | | 1.9 | 1.66 | 41 | <10 | 30 | 1 | 2 | 4.15 | <0.5 | 17 | 3 | 1640 | 6.21 | 10 | <1 | 0.03 | 40 | 0.43 | 542 | 30 | 0.16 | 13 | 2200 | 6 | 5.52 | 12 | 3 | 89 | 0.08 | <10 | <10 | 29 | <10 | 44 | | | |
| M323416 | 0.074 | | | 2 | 0.8 | 523 | <10 | 20 | <0.5 | 4 | 14.4 | <0.5 | 5 | 9 | 2120 | 20.8 | 10 | <1 | 0.01 | 10 | 0.17 | 2020 | 7 | 0.03 | 3 | 380 | 3 | 6.81 | 2 | 1 | 12 | 0.03 | <10 | 10 | 30 | 30 | 25 | | | |
| M323417 | 0.015 | | | 0.4 | 0.76 | 83 | <10 | 20 | <0.5 | <2 | 2.87 | <0.5 | 6 | 9 | 395 | 1.84 | <10 | <1 | 0.06 | 30 | 0.7 | 257 | 16 | 0.09 | 5 | 2530 | 3 | 1.46 | 14 | 5 | 166 | 0.12 | <10 | <10 | 45 | <10 | 19 | | | |
| M323418 | 0.236 | | | 10.7 | 0.22 | 1805 | <10 | 20 | <0.5 | <2 | 4.04 | <0.5 | 63 | 3 | 8260 | 11.7 | <10 | <1 | 0.12 | 40 | 0.68 | 1290 | 270 | 0.02 | 34 | 1020 | 130 | >10.0 | 69 | 5 | 104 | <0.01 | 10 | <10 | 21 | <10 | 97 | | | |
| M323419 | 0.007 | | | 0.6 | 0.82 | 25 | <10 | 30 | <0.5 | <2 | 2.11 | <0.5 | 78 | 3 | 1240 | 5.36 | <10 | <1 | 0.07 | 30 | 0.6 | 160 | 12 | 0.07 | 8 | 2390 | 3 | 3.97 | 2 | 2 | 111 | 0.11 | <10 | <10 | 34 | <10 | 21 | | | |
| M323420 | 0.977 | | | 2.8 | 0.96 | 17 | <10 | 30 | <0.5 | 4 | 1.65 | <0.5 | 27 | 1495 | >10000 | 11.35 | <10 | 1 | 0.47 | <10 | 0.8 | 1030 | 29 | 0.04 | 1180 | 620 | 6 | 3.44 | 2 | 5 | 67 | 0.01 | <10 | <10 | 58 | <10 | 79 | | 1.18 | |
| M323421 | 0.008 | | | 0.2 | 2.25 | 8 | <10 | 150 | <0.5 | <2 | 1.31 | <0.5 | 28 | 1545 | 144 | 5.28 | 10 | <1 | 0.3 | 10 | 0.85 | 794 | 25 | 0.26 | 1230 | 560 | 3 | 0.06 | <2 | 7 | 88 | 0.2 | <10 | <10 | 77 | <10 | 44 | | | |
| M323422 | 0.018 | | | 0.6 | 0.71 | 48 | <10 | 160 | <0.5 | <2 | 0.75 | 2.2 | 8 | 23 | 195 | 1.75 | <10 | <1 | 0.39 | 10 | 0.71 | 164 | 91 | 0.03 | 34 | 330 | 13 | 0.95 | 4 | 6 | 40 | 0.03 | <10 | <10 | 38 | <10 | 192 | | | |
| M323423 | 0.008 | | | 0.3 | 0.83 | 30 | <10 | 140 | <0.5 | 2 | 0.67 | <0.5 | 8 | 30 | 120 | 1.99 | <10 | <1 | 0.45 | 10 | 0.83 | 179 | 83 | 0.04 | 25 | 240 | 6 | 1 | <2 | 7 | 26 | 0.06 | <10 | <10 | 55 | <10 | 36 | | | |
| M323424 | 0.072 | | | 1.9 | 1.14 | 23 | <10 | 50 | 0.7 | 2 | 2.5 | <0.5 | 15 | 34 | 2350 | 7.32 | 10 | <1 | 0.75 | 10 | 1.9 | 373 | 17 | 0.06 | 16 | 1840 | 2 | 5.07 | <2 | 9 | 44 | 0.15 | <10 | <10 | 114 | <10 | 39 | | | |
| M323425 | 0.011 | | | 0.3 | 1.09 | 3 | <10 | 250 | 0.5 | <2 | 0.96 | <0.5 | 4 | 26 | 258 | 1.85 | 10 | <1 | 0.44 | 10 | 0.77 | 168 | 23 | 0.06 | 25 | 310 | 3 | 0.63 | <2 | 7 | 26 | 0.07 | <10 | <10 | 39 | <10 | 21 | | | |
| M323426 | <0.005 | | | 0.7 | 1.4 | 127 | <10 | 10 | <0.5 | 3 | 15.2 | <0.5 | 1 | 11 | 717 | 18.2 | 20 | <1 | 0.03 | 10 | 0.26 | 1450 | 9 | 0.03 | <1 | 350 | 2 | 1.42 | 2 | <1 | 25 | 0.01 | <10 | 10 | 30 | 170 | 14 | | | |
| M323427 | 0.005 | | | 0.4 | 1.16 | 197 | <10 | 10 | <0.5 | 3 | 17.2 | <0.5 | <1 | 4 | 461 | 20.4 | 10 | 1 | 0.03 | 10 | 0.15 | 1550 | 2 | 0.03 | <1 | 110 | 3 | 1.1 | <2 | <1 | 17 | <0.01 | <10 | 10 | 26 | 180 | 16 | | | |
| M323428 | <0.005 | | | 0.4 | 1.64 | 99 | <10 | 10 | <0.5 | 4 | 16.7 | <0.5 | 1 | 17 | 533 | 17.7 | 20 | <1 | 0.01 | 10 | 0.28 | 1675 | 3 | 0.03 | 1 | 1460 | <2 | 1.3 | <2 | <1 | 29 | <0.01 | <10 | 10 | 36 | 50 | 122 | | | |
| M323429 | 0.008 | | | 0.3 | 1.42 | 95 | <10 | 40 | <0.5 | 3 | 14.9 | <0.5 | 1 | 9 | 445 | 12.35 | 20 | 1 | 0.01 | 10 | 0.36 | 1370 | 1 | 0.03 | 6 | 520 | 2 | 1.02 | <2 | <1 | 30 | <0.01 | <10 | 10 | 30 | 80 | 24 | | | |
| M323430 | 0.182 | | | 1.2 | 1.34 | 148 | <10 | 20 | <0.5 | 3 | 16.2 | <0.5 | 11 | 10 | 1855 | 18.1 | 20 | 1 | 0.01 | 10 | 0.11 | 1415 | 1 | 0.02 | 14 | 250 | <2 | 1.5 | <2 | <1 | 15 | <0.01 | <10 | 10 | 28 | 180 | 28 | | | |
| M323431 | 2.2 | | | 17.1 | 0.91 | 147 | <10 | 20 | <0.5 | 8 | 16.2 | <0.5 | 136 | 17 | >10000 | 24.3 | 20 | 1 | 0.01 | 10 | 0.12 | 1355 | 11 | 0.03 | 88 | 140 | 4 | 5.87 | <2 | 1 | 19 | <0.01 | 10 | 10 | 29 | 140 | 210 | | 1.56 | |
| M323432 | 0.18 | | | 1.3 | 1.17 | 163 | <10 | 10 | <0.5 | 3 | 16.8 | <0.5 | 6 | 16 | 2120 | 19.3 | 10 | <1 | 0.01 | 10 | 0.13 | 1535 | 3 | 0.03 | 11 | 200 | 2 | 1.4 | <2 | 1 | 20 | 0.01 | <10 | 10 | 35 | 190 | 22 | | | |
| M323433 | 0.078 | | | 1.5 | 1.05 | 148 | <10 | 10 | 0.5 | 2 | 11.35 | <0.5 | 13 | 1 | 2760 | 13.6 | 10 | <1 | 0.04 | <10 | 0.25 | 1230 | 17 | 0.04 | 23 | 140 | 8 | 3 | 6 | 1 | 33 | 0.02 | <10 | 10 | 34 | 140 | 57 | | | |
| M323434 | 0.028 | | | 0.5 | 0.36 | 2 | <10 | 60 | <0.5 | <2 | 1.54 | <0.5 | 4 | 4 | 513 | 1.06 | <10 | <1 | 0.13 | 30 | 0.27 | 246 | 10 | 0.07 | 3 | 1240 | 11 | 0.34 | 10 | 2 | 41 | 0.16 | <10 | <10 | 27 | <10 | 34 | | | |
| M323435 | 0.019 | | | 0.5 | 0.35 | 7 | <10 | 50 | <0.5 | <2 | 1.42 | <0.5 | 3 | 3 | 503 | 1.34 | <10 | <1 | 0.1 | 30 | 0.27 | 200 | 4 | 0.06 | 3 | 1270 | 10 | 0.33 | 9 | 1 | 31 | 0.15 | <10 | <10 | 25 | 10 | 32 | | | |
| M323436 | 0.012 | | | 0.5 | 0.35 | 3 | <10 | 50 | <0.5 | <2 | 1.65 | <0.5 | 2 | 3 | 251 | 1.34 | <10 | <1 | 0.14 | 30 | 0.47 | 229 | 1 | 0.05 | 2 | 1370 | 7 | 0.26 | 9 | 3 | 31 | 0.09 | <10 | <10 | 35 | <10 | 27 | | | |
| M323437 | 0.01 | | | 3 | 0.55 | 3 | <10 | 50 | 0.8 | <2 | 1.14 | <0.5 | 2 | 3 | 1150 | 3.03 | <10 | <1 | 0.14 | 40 | 0.44 | 182 | 1 | 0.04 | 4 | 1290 | 5 | 0.36 | 19 | 4 | 30 | 0.01 | <10 | <10 | 48 | <10 | 33 | | | |
| M323438 | 0.212 | | | <0.2 | 1.34 | 229 | <10 | 40 | <0.5 | 2 | 7.58 | <0.5 | 32 | 2 | 17 | 7.22 | 10 | <1 | 0.3 | 30 | 0.72 | 1030 | <1 | 0.01 | 10 | 1220 | 3 | 6.15 | 3 | 3 | 66 | 0.02 | <10 | 20 | 20 | <10 | 19 | | | |
| M323439 | 0.037 | | | <0.2 | 1.61 | 54 | <10 | 10 | <0.5 | 2 | 11.25 | <0.5 | 4 | 28 | 33 | 7.08 | 10 | <1 | 0.09 | <10 | 0.86 | 1540 | <1 | 0.03 | 7 | 1540 | 9 | 0.87 | 3 | 1 | 29 | 0.02 | <10 | <10 | 23 | 20 | 36 | | | |

VA05065721 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 155
DATE RECEIVED : 2005-08-08 DATE FINALIZED : 2005-08-26
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | Au-AA23 | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA46 | Cu-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Au Check | Au Check2 | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Ag | Cu | Zn |
| DESCRIPTION | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| M323440 | 0.913 | | | 2.7 | 0.88 | 11 | 10 | 80 | <0.5 | <2 | 1.7 | <0.5 | 29 | 1475 | >10000 | 10.9 | <10 | 1 | 0.44 | <10 | 0.8 | 1020 | 27 | 0.04 | 1220 | 610 | 12 | 3.39 | 4 | 5 | 61 | 0.01 | <10 | <10 | 53 | 10 | 92 | | 1.18 | |
| M323441 | 0.006 | | | 0.2 | 2.12 | 5 | <10 | 150 | <0.5 | <2 | 1.34 | <0.5 | 29 | 1555 | 131 | 5.29 | 10 | <1 | 0.29 | 10 | 0.84 | 779 | 24 | 0.23 | 1285 | 560 | 6 | 0.08 | <2 | 6 | 81 | 0.2 | <10 | <10 | 74 | 10 | 48 | | | |
| M323442 | 0.044 | | | 0.2 | 0.89 | 97 | <10 | 10 | <0.5 | <2 | 13.7 | <0.5 | 2 | 9 | 48 | 8.48 | 10 | <1 | 0.06 | <10 | 0.85 | 1630 | <1 | 0.02 | 7 | 590 | 6 | 0.34 | 3 | <1 | 34 | 0.01 | <10 | 10 | 13 | 80 | 30 | | | |
| M323443 | 0.086 | | | <0.2 | 0.42 | 104 | <10 | <10 | <0.5 | 3 | 19.05 | <0.5 | <1 | 6 | 44 | 12.55 | 10 | <1 | 0.07 | <10 | 0.47 | 1780 | <1 | 0.02 | 6 | 620 | 5 | 1.64 | 2 | <1 | 38 | <0.01 | <10 | 10 | 7 | 140 | 25 | | | |
| M323444 | 0.021 | | | 0.2 | 0.63 | 86 | <10 | <10 | <0.5 | 4 | 19.6 | <0.5 | <1 | 1 | 66 | 14.8 | 10 | <1 | 0.03 | <10 | 0.13 | 1600 | 1 | 0.02 | 3 | 40 | 5 | 0.98 | 2 | <1 | 15 | <0.01 | <10 | 10 | 9 | 180 | 15 | | | |
| M323445 | 0.056 | | | <0.2 | 0.85 | 79 | <10 | 10 | <0.5 | 2 | 12.05 | <0.5 | 2 | 4 | 69 | 8.32 | 10 | <1 | 0.14 | <10 | 1.42 | 1420 | <1 | 0.03 | 5 | 420 | 4 | 1.82 | 4 | <1 | 38 | 0.01 | <10 | 10 | 12 | 90 | 45 | | | |
| M323446 | 0.016 | | | <0.2 | 0.82 | 89 | <10 | 10 | <0.5 | <2 | 13.5 | <0.5 | 1 | 32 | 45 | 8.87 | 10 | <1 | 0.06 | <10 | 1.28 | 1475 | <1 | 0.03 | 7 | 1100 | 5 | 0.32 | 5 | 1 | 37 | 0.06 | <10 | 10 | 19 | 60 | 34 | | | |
| M323447 | 0.034 | | | 0.2 | 0.65 | 89 | <10 | 10 | 0.6 | 2 | 16.5 | <0.5 | 3 | 18 | 50 | 9.33 | 10 | <1 | 0.06 | <10 | 0.47 | 1970 | 1 | 0.02 | 11 | 380 | 6 | 0.51 | 3 | <1 | 42 | 0.03 | <10 | 10 | 13 | 120 | 57 | | | |
| M323448 | 1.775 | | | 0.3 | 1.42 | 62 | <10 | 10 | <0.5 | <2 | 10.7 | <0.5 | 14 | 2 | 106 | 5.83 | 10 | <1 | 0.06 | 10 | 0.58 | 1545 | <1 | 0.02 | 10 | 750 | 11 | 2.74 | 3 | 2 | 45 | 0.07 | <10 | <10 | 22 | 20 | 51 | | | |
| M323449 | 0.023 | | | 0.2 | 0.69 | 11 | <10 | 110 | 0.6 | <2 | 4.26 | <0.5 | 2 | 2 | 86 | 1.3 | <10 | <1 | 0.05 | 30 | 0.48 | 511 | 3 | 0.06 | 6 | 1290 | 7 | 0.23 | 10 | 2 | 91 | 0.1 | <10 | <10 | 24 | <10 | 34 | | | |
| M323450 | 0.021 | | | 0.3 | 1.41 | 25 | <10 | 10 | 0.5 | <2 | 8.56 | <0.5 | 1 | 2 | 54 | 4.09 | 10 | <1 | 0.08 | 20 | 0.54 | 1290 | 1 | 0.03 | 7 | 1080 | 9 | 0.81 | 3 | 2 | 45 | 0.09 | <10 | <10 | 27 | 10 | 53 | | | |
| M323451 | 0.037 | | | 0.5 | 0.42 | 5 | <10 | 50 | <0.5 | <2 | 1.34 | <0.5 | 3 | 3 | 113 | 1.12 | <10 | <1 | 0.09 | 30 | 0.37 | 245 | 3 | 0.08 | 2 | 1290 | 14 | 0.26 | 10 | 1 | 48 | 0.14 | <10 | <10 | 25 | <10 | 28 | | | |
| M323452 | 0.072 | | | 1.4 | 1.15 | 156 | <10 | <10 | <0.5 | 34 | 16.55 | <0.5 | 2 | 1 | 352 | 11.45 | 10 | <1 | 0.02 | 30 | 0.12 | 1885 | 4 | 0.02 | 3 | 40 | 5 | 0.48 | <2 | <1 | 18 | 0.07 | <10 | 10 | 15 | 90 | 19 | | | |
| M323453 | 0.023 | | | 0.3 | 1.02 | 136 | <10 | 10 | <0.5 | 3 | 16.45 | <0.5 | <1 | 2 | 80 | 12.15 | 10 | <1 | 0.02 | 140 | 0.32 | 2500 | 5 | 0.02 | 5 | 240 | 7 | 0.72 | 4 | <1 | 28 | 0.03 | <10 | 20 | 36 | 100 | 30 | | | |
| M323454 | 0.015 | | | 0.2 | 0.64 | 7 | <10 | 10 | 0.6 | <2 | 9.49 | <0.5 | 1 | 1 | 49 | 1.74 | <10 | <1 | 0.04 | 30 | 0.89 | 1180 | <1 | 0.04 | 5 | 1650 | 9 | 0.15 | 2 | 1 | 61 | 0.07 | <10 | <10 | 24 | 10 | 48 | | | |
| M323455 | 0.008 | | | 0.2 | 1.18 | 17 | <10 | 10 | 0.5 | <2 | 12 | <0.5 | 1 | 2 | 69 | 4.25 | <10 | <1 | 0.02 | 20 | 0.51 | 1490 | <1 | 0.03 | 4 | 2910 | 8 | 0.26 | 2 | 5 | 69 | 0.18 | <10 | 10 | 43 | 10 | 42 | | | |
| M323456 | 0.368 | | | 6.5 | 1.11 | 150 | <10 | <10 | <0.5 | 19 | 15.55 | <0.5 | <1 | 7 | 2650 | 11.2 | 10 | <1 | 0.02 | <10 | 0.1 | 1320 | 6 | 0.01 | 25 | 210 | 7 | 0.66 | <2 | <1 | 12 | 0.01 | <10 | 10 | 16 | 90 | 37 | | | |
| M323457 | 0.121 | | | 2.1 | 1.35 | 61 | <10 | <10 | <0.5 | <2 | 12.4 | <0.5 | 1 | 22 | 1090 | 7.79 | 10 | <1 | 0.04 | <10 | 0.63 | 1490 | 1 | 0.02 | 12 | 470 | 4 | 0.43 | 2 | 1 | 25 | 0.03 | <10 | <10 | 32 | 40 | 29 | | | |
| M323458 | 0.08 | | | 2.6 | 1.7 | 63 | <10 | <10 | <0.5 | <2 | 14.2 | <0.5 | 1 | 9 | 1320 | 9.44 | 10 | <1 | 0.04 | <10 | 0.52 | 1525 | <1 | 0.02 | 12 | 180 | 4 | 0.3 | 2 | <1 | 15 | 0.01 | <10 | 10 | 31 | 60 | 22 | | | |
| M323459 | 0.064 | | | 1.2 | 1.62 | 61 | <10 | <10 | <0.5 | 2 | 14.2 | <0.5 | <1 | 15 | 634 | 9.2 | 10 | <1 | 0.06 | <10 | 0.64 | 1530 | <1 | 0.02 | 10 | 300 | 4 | 0.16 | <2 | <1 | 18 | 0.02 | <10 | 10 | 34 | 60 | 19 | | | |
| M323460 | 0.957 | | | 2.7 | 0.89 | 11 | 10 | 50 | <0.5 | 3 | 1.71 | <0.5 | 30 | 1500 | >10000 | 10.9 | <10 | 1 | 0.45 | <10 | 0.8 | 1020 | 27 | 0.04 | 1235 | 610 | 9 | 3.42 | 3 | 5 | 61 | 0.01 | <10 | <10 | 54 | 10 | 91 | | 1.2 | |
| M323461 | 0.01 | | | <0.2 | 2.07 | 3 | 20 | 150 | <0.5 | <2 | 1.3 | <0.5 | 28 | 1505 | 153 | 5.16 | 10 | <1 | 0.28 | 10 | 0.81 | 759 | 24 | 0.23 | 1245 | 560 | 3 | 0.08 | 2 | 6 | 80 | 0.19 | <10 | <10 | 72 | <10 | 45 | | | |
| M323462 | 0.238 | | | 4.6 | 1.1 | 39 | <10 | <10 | 0.5 | <2 | 7.8 | <0.5 | 1 | 10 | 2360 | 5.02 | 10 | <1 | 0.02 | <10 | 0.75 | 998 | <1 | 0.02 | 33 | 280 | 5 | 0.41 | 7 | <1 | 19 | 0.01 | <10 | 10 | 25 | 20 | 31 | | | |
| M323463 | 0.102 | | | 4.3 | 0.78 | 33 | <10 | <10 | <0.5 | <2 | 7.24 | <0.5 | 1 | 7 | 2270 | 4.51 | 10 | <1 | 0.02 | <10 | 0.67 | 841 | <1 | 0.02 | 13 | 210 | 4 | 0.56 | 3 | <1 | 14 | 0.01 | <10 | 10 | 25 | 30 | 26 | | | |
| M323464 | 0.496 | 0.889 | 0.841 | 10.2 | 1.41 | 67 | <10 | 20 | 0.7 | 3 | 8.47 | <0.5 | 28 | 31 | 4380 | 5.81 | 10 | <1 | 0.19 | 20 | 0.92 | 945 | <1 | 0.04 | 80 | 1720 | 3 | 2.5 | 7 | 1 | 37 | 0.22 | <10 | 10 | 34 | 30 | 81 | | | |
| M323465 | 0.506 | | | 24.7 | 0.26 | 9 | <10 | <10 | 1.3 | <2 | 9.37 | 0.9 | 2 | 6 | >10000 | 2.33 | <10 | <1 | 0.02 | <10 | 1.08 | 989 | <1 | 0.02 | 88 | 440 | 6 | 1.84 | <2 | <1 | 32 | 0.03 | <10 | <10 | 8 | <10 | 142 | | 1.12 | |
| M323466 | 0.549 | 0.971 | 0.808 | 17.8 | 0.76 | 24 | <10 | 20 | 1.4 | <2 | 8.53 | 0.7 | 15 | 8 | 8140 | 3.11 | <10 | <1 | 0.15 | 10 | 1.08 | 951 | 1 | 0.02 | 33 | 850 | 3 | 1.72 | 2 | 1 | 35 | 0.05 | <10 | 10 | 19 | 10 | 128 | | | |
| M323467 | 2.76 | | | 53.4 | 0.16 | 45 | <10 | <10 | 0.6 | 2 | 11.95 | 1.3 | 18 | 45 | >10000 | 16.3 | <10 | <1 | 0.03 | <10 | 2.28 | 3040 | <1 | 0.02 | 35 | 210 | 5 | 4.18 | 4 | 2 | 54 | <0.01 | 10 | <10 | 45 | <10 | 271 | | 1.79 | |
| M323468 | 0.458 | | | 3.5 | 0.41 | 104 | <10 | <10 | 0.5 | 14 | 8.18 | <0.5 | 25 | 76 | 1115 | 27 | 10 | <1 | 0.07 | <10 | 1.85 | 1805 | <1 | 0.02 | 48 | 1040 | 5 | 2.24 | 8 | 4 | 57 | 0.02 | 10 | <10 | 79 | <10 | 53 | | | |
| M323469 | 0.155 | | | 4 | 3.29 | 56 | 10 | 120 | 0.9 | 6 | 13.8 | 0.9 | 19 | 48 | 1250 | 2.41 | 10 | <1 | 0.78 | 20 | 2.14 | 648 | <1 | 0.09 | 76 | 4310 | 6 | 0.83 | 14 | 3 | 182 | 0.34 | <10 | <10 | 43 | <10 | 273 | | | |
| M323470 | 0.156 | | | 2.5 | 1.62 | 51 | <10 | 30 | 0.8 | 8 | 10.05 | <0.5 | 10 | 101 | 1020 | 2.3 | <10 | <1 | 0.24 | 30 | 1.65 | 926 | <1 | 0.06 | 58 | 3650 | 2 | 0.36 | 11 | 5 | 77 | 0.37 | <10 | <10 | 48 | <10 | 46 | | | |
| M323471 | 0.026 | | | 0.6 | 3.87 | 59 | <10 | 140 | 0.6 | 2 | 8.33 | <0.5 | 18 | 70 | 233 | 1.91 | 10 | <1 | 0.48 | 10 | 1.62 | 547 | <1 | 0.21 | 158 | 3800 | 3 | 0.39 | 10 | 3 | 175 | 0.44 | <10 | 10 | 40 | <10 | 43 | | | |
| M323472 | 0.01 | | | 0.3 | 3.21 | 63 | <10 | 130 | 0.5 | 7 | 9.42 | <0.5 | 12 | 72 | 91 | 1.68 | 10 | <1 | 0.59 | 20 | 1.5 | 698 | <1 | 0.12 | 168 | 3970 | 5 | 0.21 | 10 | 3 | 144 | 0.42 | <10 | <10 | 43 | <10 | 34 | | | |
| M323473 | 0.02 | | | 0.5 | 3.64 | 48 | <10 | 250 | 0.9 | <2 | 8.24 | <0.5 | 22 | 46 | 172 | 2.64 | 10 | <1 | 0.97 | 20 | 3.21 | 651 | 1 | 0.29 | 51 | 4330 | 2 | 0.39 | 11 | 4 | 160 | 0.5 | <10 | <10 | 59 | <10 | 65 | | | |
| M323474 | 0.214 | | | 4.5 | 3.92 | 48 | 10 | 190 | 0.8 | 2 | 9.35 | <0.5 | 13 | 19 | 1465 | 1.6 | 10 | <1 | 0.65 | 30 | 2.02 | 436 | 1 | 0.15 | 46 | 4720 | 4 | 0.39 | 10 | 2 | 169 | 0.46 | <10 | <10 | 40 | <10 | 84 | | | |
| M323475 | 0.178 | | | 5.1 | 1.67 | 55 | <10 | 30 | 1.4 | 11 | 8.52 | <0.5 | 15 | 24 | 1870 | 1.64 | <10 | <1 | 0.28 | 40 | 1.93 | 774 | <1 | 0.04 | 44 | 4150 | 9 | 0.43 | 13 | 2 | 78 | 0.4 | <10 | <10 | 33 | <10 | 76 | | | |
| M323476 | 0.082 | | | 3.8 | 0.12 | 94 | <10 | 10 | 1.2 | 8 | 0.1 | <0.5 | <1 | 12 | 107 | >50 | 30 | <1 | 0.03 | <10 | 0.04 | 152 | 4 | 0.01 | 2 | 480 | 10 | 0.5 | 6 | 1 | <1 | 0.01 | 10 | <10 | 56 | 110 | 87 | | | |
| M323477 | 0.053 | | | 1.6 | 2.99 | 740 | <10 | 120 | 2.5 | 53 | 0.47 | 1.3 | 7 | 255 | 2710 | 32.2 | 20 | <1 | 0.2 | 10 | 0.49 | 205 | 28 | 0.01 | 35 | 7250 | 48 | 0.03 | 76 | 11 | 15 | 0.19 | 10 | 20 | 895 | 100 | 506 | | | |
| M323478 | 0.228 | | | 7.7 | 0.47 | 351 | <10 | 20 | 1.1 | 16 | 9.23 | <0.5 | 9 | 21 | 2790 | 27.1 | 20 | <1 | 0.02 | <10 | 0.12 | 1085 | 3 | 0.01 | 6 | 1840 | 14 | 3.7 | 10 | 1 | 5 | 0.01 | <10 | 20 | 66 | 660 | 168 | | | |
| M323479 | 2.55 | | | 11.4 | 0.32 | 227 | <10 | 10 | 1.6 | 42 | 2.47 | <0.5 | 23 | 21 | 3290 | 35.5 | 10 | <1 | 0.05 | <10 | 0.42 | 732 | 2 | 0.02 | 13 | 1730 | 23 | 7.09 | <2 | 2 | 19 | 0.04 | <10 | 10 | 46 | 170 | 259 | | | |
| M323480 | 0.972 | | | 2.8 | 0.86 | 14 | <10 | 60 | <0.5 | 3 | 1.53 | 0.8 | 29 | 1470 | >10000 | 10.05 | <10 | 1 | 0.43 | <10 | 0.76 | 1010 | 27 | 0.04 | 1155 | 590 | 10 | 3.15 | 6 | 5 | 59 | 0.01 | <10 | <10 | 55 | 10 | 135 | | 1.19 | |
| M323481 | 0.011 | | | <0.2 | 2.01 | 5 | <10 | 140 | <0.5 | <2 | 1.16 | <0.5 | 28 | 1495 | 139 | 4.64 | <10 | <1 | 0.28 | 10 | 0.77 | 742 | 23 | 0.22 | 1195 | 530 | 5 | 0.09 | <2 | 6 | 77 | 0.18 | <10 | <10 | 72 | <10 | 45 | | | |
| M323482 | 0.032 | | | 0.9 | 1.09 | 35 | <10 | 120 | 0.7 | 5 | 0.94 | 1.3 | 17 | 30 | 307 | 3.03 | <10 | <1 | 0.16 | 10 | 0.54 | 236 | 7 | 0.14 | 39 | 500 | 18 | 1.58 | 10 | 4 | 32 | 0.11 | <10 | <10 | 47 | <10 | 152 | | | |
| M323483 | 0.058 | | | 1.3 | 1.09 | 14 | <10 | 100 | 0.7 | 5 | 1.63 | 0.5 | 12 | 26 | 642 | 1.6 | <10 | <1 | 0.09 | 10 | 0.53 | 242 | 12 | 0.13 | 45 | 590 | 7 | 0.68 | 4 | 2 | 39 | 0.16 | <10 | <10 | 35 | <10 | 65 | | | |
| M323484 | 1.355 | | | >100 | 0.26 | 3470 | <10 | 30 | <0.5 | 1220 | 3.77 | 43.6 | 13 | 1 | >10000 | 4.11 | <10 | 7 | 0.13 | 10 | 1 | 6990 | 19 | 0.01 | 33 | 200 | 1705 | 4.56 | 1680 | 2 | 40 | <0.01 | <10 | <10 | 10 | <10 | 4600 | 167 | 2.01 | |
| M323485 | 0.134 | | | 2.5 | 0.85 | 620 | <10 | 90 | 0.7 | 5 | 2.29 | 5.9 | 13 | 25 | 1425 | 3.31 | <10 | <1 | 0.43 | 10 | 0.69 | 622 | 5 | 0.04 | 34 | 300 | 16 | 2.56 | 13 | 7 | 30 | 0.03 | <10 | <10 | 46 | <10 | 905 | | | |
| M323486 | 0.725 | | | 35.2 | 0.73 | 375 | <10 | 10 | <0.5 | 36 | 13.3 | 5.1 | 28 | 8 | >10000 | 14.5 | 10 | <1 | 0.02 | 10 | 0.2 | 1540 | 3 | 0.01 | 141 | 770 | 13 | 2.76 | 10 | 1 | 8 | 0.02 | <10 | 10 | 27 | 320 | 964 | | 2 | |
| M323487 | 1.23 | | | 27.2 | 0.8 | 268 | <10 | <10 | <0.5 | 5 | 14.1 | 7.2 | 20 | 13 | >10000 | 14.35 | 10 | <1 | 0.01 | 20 | 0.17 | 1565 | 4 | 0.01 | 103 | 380 | 6 | 1.86 | 5 | 1 | 7 | 0.02 | <10 | 10 | 28 | 340 | 544 | | 1.47 | |
| M323488 | 0.011 | | | 0.6 | 1.95 | 20 | <10 | 30 | <0.5 | <2 | 9.42 | <0.5 | 3 | 2 | 230 | 4.53 | <10 | <1 | 0.06 | 30 | 0.51 | 1550 | 11 | 0.02 | 7 | 1210 | 3 | 0.09 | 4 | 2 | 40 | 0.1 | <10 | <10 | 29 | 50 | 89 | | | |
| M323489 | 0.079 | | | 5.3 | 1.38 | 108 | <10 | 200 | <0.5 | <2 | 12.4 | <0.5 | 3 | 36 | 1740 | 8.31 | 10 | <1 | 0.09 | 10 | 0.52 | 1555 | 16 | 0.02 | 9 | 5170 | 5 | 0.42 | 3 | 2 | 35 | 0.06 | <10 | <10 | 50 | 80 | 211 | | | |
| M323490 | 2.37 | | | >100 | 0.27 | 3590 | <10 | 10 | <0.5 | 81 | 1.91 | >500 | 70 | 2 | >10000 | 11.15 | <10 | 14 | 0.09 | <10 | 0.23 | 1745 | <1 | 0.01 | 40 | 2250 | 2620 | >10.0 | 1195 | <1 | 6 | 0.01 | <10 | <10 | 12 | 390 | >10000 | 114 | 1.32 | 17.25 |
| M323491 | 0.063 | | | 1.6 | 1.09 | 232 | <10 | 10 | 0.6 | 3 | 4.42 | 2.3 | 30 | 20 | 1745 | 15.75 | <10 | <1 | 0.05 | 20 | 0.51 | 994 | 153 | 0.03 | 17 | 1180 | 16 | >10.0 | 7 | 4 | 13 | 0.06 | <10 | <10 | 42 | 10 | 330 | | | |
| M323492 | 0.023 | | | 1.1 | 0.99 | 318 | <10 | 20 | <0.5 | 3 | 7.24 | 3.7 | 9 | 12 | 875 | 13.05 | <10 | <1 | 0.07 | 20 | 0.47 | 1415 | 42 | 0.03 | 15 | 2690 | 34 | 9.13 | 9 | 4 | 28 | 0.04 | <10 | <10 | 33 | 10 | 407 | | | |
| M323493 | 0.128 | | | 0.5 | 0.61 | 108 | <10 | 20 | 0.5 | <2 | 1.77 | 0.6 | 14 | 23 | 413 | 4.1 | <10 | <1 | 0.2 | 20 | 0.69 | 905 | 51 | 0.05 | 41 | 520 | 17 | 3.27 | 10 | 6 | 67 | 0.05 | <10 | <10 | 41 | <10 | 66 | | | |
| M323494 | 0.121 | | | 2 | 0.53 | 515 | <10 | 30 | <0.5 | <2 | 1 | 1.3 | 11 | 9 | 1595 | 11.5 | <10 | 1 | 0.23 | 180 | 0.5 | 718 | 25 | 0.02 | 18 | 570 | 14 | 8.73 | 25 | 4 | 25 | 0.01 | <10 | <10 | 19 | <10 | 116 | | | |
| M323495 | 0.014 | | | 0.7 | 0.32 | 128 | <10 | 10 | <0.5 | <2 | 2.9 | 0.5 | 18 | 4 | 474 | 8.19 | <10 | <1 | 0.14 | 20 | 0.53 | 800 | 28 | 0.03 | 11 | 1290 | 10 | 8.57 | 58 | 4 | 47 | 0.01 | <10 | <10 | 20 | <10 | 54 | | | |
| M323496 | 0.043 | | | 0.9 | 0.75 | 122 | <10 | 40 | 0.6 | 6 | 10.65 | <0.5 | 1 | 9 | 1140 | 13.1 | <10 | <1 | 0.05 | 20 | 0.57 | 1400 | 12 | 0.02 | 6 | 3070 | 7 | 7.37 | 10 | 1 | 49 | 0.02 | <10 | <10 | 31 | 80 | 45 | | | |
| M323497 | 0.036 | | | 0.7 | 0.47 | 32 | <10 | 20 | 0.9 | 3 | 4.96 | 0.6 | 6 | 8 | 953 | 12.05 | <10 | <1 | 0.05 | 10 | 0.89 | 809 | 13 | 0.02 | 13 | 2090 | 10 | >10.0 | 12 | 2 | 36 | 0.03 | <10 | <10 | 37 | 10 | 73 | | | |
| M323498 | 0.715 | | | 2.8 | 0.65 | 3830 | <10 | 20 | 0.7 | 4 | 4.35 | 1.7 | 72 | 7 | 2670 | 14.9 | <10 | 3 | 0.09 | 10 | 0.78 | 4660 | 8 | 0.01 | 17 | 3970 | 12 | >10.0 | 176 | 3 | 30 | 0.01 | 10 | <10 | 36 | 10 | 126 | | | |
| M323499 | 0.139 | | | 0.5 | 1.13 | 162 | <10 | 30 | 0.5 | 3 | 5.76 | 0.6 | 5 | 25 | 343 | 5.44 | <10 | 1 | 0.09 | 30 | 0.57 | 2060 | 19 | 0.03 | 11 | 540 | 5 | 3.14 | 24 | 5 | 26 | 0.1 | <10 | <10 | 49 | 10 | 77 | | | |
| M323500 | 1.045 | | | 2.6 | 0.89 | 14 | <10 | 60 | <0.5 | 3 | 1.69 | 0.7 | 32 | 1590 | >10000 | 10.8 | <10 | 1 | 0.45 | <10 | 0.81 | 1095 | 29 | 0.04 | 1270 | 630 | 10 | 3.34 | 6 | 5 | 60 | 0.01 | <10 | <10 | 58 | 10 | 92 | | 1.19 | |

VA05065722 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 180
DATE RECEIVED : 2005-08-08 DATE FINALIZED : 2005-08-28
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | Au-AA23 | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA46 | Cu-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Au Check | Au Check2 | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Ag | Cu | Zn |
| DESCRIPTION | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| B368701 | <0.005 | | | <0.2 | 2.04 | <2 | <10 | 150 | <0.5 | <2 | 1.28 | <0.5 | 29 | 1565 | 123 | 5.16 | 10 | <1 | 0.28 | 10 | 0.8 | 785 | 24 | 0.22 | 1235 | 570 | 4 | 0.07 | <2 | 6 | 77 | 0.19 | <10 | <10 | 74 | <10 | 47 | | | |
| B368702 | 0.013 | | | 0.3 | 0.96 | 33 | <10 | 80 | <0.5 | <2 | 3.89 | <0.5 | 12 | 31 | 348 | 4.12 | 10 | <1 | 0.17 | 20 | 0.89 | 814 | 15 | 0.06 | 21 | 1210 | 4 | 2.92 | 28 | 5 | 40 | 0.14 | <10 | <10 | 52 | 10 | 56 | | | |
| B368703 | 0.008 | | | 0.2 | 0.82 | 2 | <10 | 80 | 0.5 | <2 | 1.38 | 0.5 | 7 | 36 | 202 | 1.73 | <10 | <1 | 0.19 | 10 | 0.92 | 185 | 9 | 0.05 | 29 | 380 | 2 | 1.23 | 9 | 7 | 22 | 0.11 | <10 | <10 | 63 | <10 | 39 | | | |
| B368704 | 0.009 | | | <0.2 | 0.74 | 4 | <10 | 80 | 0.5 | <2 | 1.76 | <0.5 | 7 | 27 | 132 | 1.7 | <10 | <1 | 0.18 | 10 | 0.61 | 451 | 28 | 0.05 | 23 | 390 | 6 | 1.23 | 9 | 5 | 24 | 0.1 | <10 | <10 | 63 | <10 | 68 | | | |
| B368705 | 0.157 | | | 0.3 | 0.67 | 102 | <10 | 80 | <0.5 | <2 | 1.92 | <0.5 | 10 | 29 | 120 | 1.98 | <10 | <1 | 0.19 | 10 | 0.59 | 1330 | 17 | 0.03 | 29 | 440 | 7 | 1.38 | 253 | 6 | 26 | 0.06 | <10 | <10 | 66 | <10 | 34 | | | |
| B368706 | 0.006 | | | 0.2 | 1.1 | 14 | <10 | 20 | <0.5 | 2 | 3.58 | <0.5 | 10 | 31 | 156 | 5.7 | 10 | <1 | 0.26 | 10 | 0.87 | 773 | 8 | 0.04 | 31 | 530 | 2 | 3.52 | 12 | 6 | 30 | 0.11 | <10 | <10 | 67 | <10 | 25 | | | |
| B368707 | 0.022 | | | 0.4 | 1.42 | 79 | <10 | 40 | <0.5 | <2 | 7.64 | <0.5 | 13 | 13 | 460 | 8.95 | 10 | <1 | 0.01 | <10 | 0.37 | 855 | 2 | 0.07 | 25 | 990 | 3 | 4.91 | 4 | 2 | 73 | 0.06 | <10 | 10 | 23 | 10 | 21 | | | |
| B368708 | 0.109 | | | 1.4 | 5 | 24 | <10 | 40 | 1.3 | 2 | 4.02 | <0.5 | 22 | 61 | 718 | 5.31 | 10 | <1 | 0.74 | 10 | 1.58 | 422 | 20 | 0.34 | 92 | 2820 | 5 | 3.49 | 5 | 9 | 159 | 0.2 | <10 | 10 | 131 | <10 | 54 | | | |
| B368709 | 0.009 | | | <0.2 | 1.45 | 138 | <10 | <10 | <0.5 | <2 | 17.4 | <0.5 | <1 | 15 | 9 | 12 | 10 | <1 | 0.07 | 10 | 0.49 | 1580 | <1 | <0.01 | 6 | 620 | <2 | <0.01 | 2 | <1 | 17 | 0.02 | <10 | 10 | 34 | 130 | 20 | | | |
| B368710 | 0.007 | | | <0.2 | 1.12 | 196 | <10 | 10 | <0.5 | <2 | 19.6 | <0.5 | <1 | 13 | 20 | 17.8 | 10 | <1 | 0.02 | 10 | 0.21 | 1635 | 1 | <0.01 | 5 | 970 | 4 | <0.01 | 5 | <1 | 11 | <0.01 | <10 | 20 | 21 | 240 | 15 | | | |
| B368711 | 0.048 | | | <0.2 | 0.8 | 355 | <10 | <10 | 0.5 | 2 | 19.8 | <0.5 | <1 | 2 | 27 | 19.5 | 10 | <1 | 0.02 | 20 | 0.27 | 1975 | 1 | <0.01 | 6 | 40 | 6 | 1.4 | 3 | <1 | 20 | <0.01 | <10 | 20 | 15 | 280 | 25 | | | |
| B368712 | 0.038 | | | 0.2 | 0.85 | 289 | <10 | 10 | <0.5 | 2 | 18.6 | <0.5 | <1 | 1 | 34 | 14.15 | 10 | <1 | 0.05 | 10 | 0.21 | 1745 | 2 | <0.01 | 4 | 40 | 3 | 0.9 | 4 | <1 | 19 | 0.01 | <10 | 20 | 14 | 240 | 15 | | | |
| B368713 | 0.709 | | | 18.2 | 1.62 | 44 | <10 | 10 | 0.7 | 8 | 9.69 | 0.6 | 10 | 62 | 5910 | 4.04 | <10 | <1 | 0.12 | 30 | 0.86 | 1135 | <1 | 0.01 | 97 | 2520 | 6 | 1.16 | 16 | 2 | 40 | 0.26 | <10 | 10 | 45 | 20 | 130 | | | |
| B368714 | 1.125 | | | 14.5 | 1.6 | 69 | <10 | 10 | 1.1 | 17 | 9.97 | 0.8 | 10 | 100 | 4600 | 3.97 | <10 | <1 | 0.33 | 30 | 1.44 | 967 | <1 | 0.01 | 168 | 3400 | 4 | 1.67 | 25 | 4 | 55 | 0.37 | <10 | 10 | 50 | 10 | 128 | | | |
| B368715 | 0.237 | | | 7.9 | 1.6 | 57 | <10 | 20 | 0.7 | 14 | 7.93 | <0.5 | 9 | 81 | 2440 | 4.93 | <10 | <1 | 0.33 | 20 | 0.96 | 988 | <1 | 0.01 | 144 | 2650 | 4 | 2.25 | 15 | 3 | 36 | 0.33 | <10 | 10 | 54 | 10 | 90 | | | |
| B368716 | 0.241 | | | 12.4 | 1.7 | 43 | <10 | 20 | 0.6 | 6 | 8.94 | 0.7 | 8 | 70 | 3900 | 5.36 | <10 | <1 | 0.42 | 10 | 1.16 | 997 | <1 | 0.01 | 247 | 2200 | 3 | 2.3 | 13 | 3 | 44 | 0.33 | <10 | <10 | 53 | 10 | 124 | | | |
| B368717 | 0.134 | | | 4.6 | 2.67 | 805 | 10 | 60 | 1 | 7 | 10.6 | <0.5 | 23 | 128 | 1295 | 4.63 | 10 | <1 | 0.61 | 20 | 1.76 | 1070 | <1 | 0.11 | 174 | 3890 | 8 | 1.72 | 33 | 6 | 85 | 0.4 | <10 | <10 | 66 | <10 | 100 | | | |
| B368718 | 0.049 | | | 0.7 | 0.28 | 34 | 20 | 10 | <0.5 | <2 | 13.95 | <0.5 | 5 | 8 | 250 | 3.77 | <10 | <1 | 0.28 | <10 | 7.01 | 765 | 1 | 0.01 | 4 | 160 | 3 | 0.61 | 4 | <1 | 61 | 0.01 | <10 | 10 | 15 | <10 | 85 | | | |
| B368719 | 0.398 | | | 5.7 | 1.08 | 57 | <10 | 30 | <0.5 | 6 | 3.88 | 88.1 | 89 | 11 | 2430 | 25.7 | <10 | <1 | 1 | <10 | 4.82 | 814 | 1 | 0.01 | 14 | 180 | 4 | 7.28 | 8 | <1 | 19 | 0.01 | <10 | 10 | 24 | 10 | >10000 | | | 1.72 |
| B368720 | 0.978 | | | 2.7 | 0.86 | 10 | 10 | 70 | <0.5 | 5 | 1.74 | <0.5 | 30 | 1555 | >10000 | 11.05 | <10 | 1 | 0.44 | <10 | 0.82 | 1065 | 28 | 0.03 | 1275 | 620 | 9 | 3.51 | 6 | 5 | 61 | 0.01 | <10 | <10 | 56 | <10 | 104 | | 1.19 | |
| B368721 | 0.014 | | | <0.2 | 1.98 | 4 | <10 | 150 | <0.5 | <2 | 1.28 | <0.5 | 30 | 1540 | 124 | 5.12 | 10 | <1 | 0.27 | 10 | 0.81 | 772 | 24 | 0.2 | 1265 | 560 | 3 | 0.06 | 3 | 6 | 77 | 0.18 | <10 | <10 | 72 | <10 | 47 | | | |
| B368722 | 0.058 | | | 5.3 | 0.3 | 24 | <10 | 10 | 0.6 | 4 | 6.01 | 1.9 | 100 | 9 | 2060 | 18.2 | <10 | <1 | 0.21 | <10 | 1.27 | 622 | <1 | <0.01 | 14 | 160 | 11 | 8.39 | 2 | <1 | 24 | <0.01 | <10 | 10 | 10 | <10 | 297 | | | |
| B368723 | 0.113 | | | 0.7 | 0.03 | 75 | 20 | <10 | <0.5 | <2 | 22 | <0.5 | 8 | 5 | 29 | 2.49 | <10 | <1 | 0.01 | <10 | 4.01 | 766 | <1 | <0.01 | 1 | 50 | 2 | 0.7 | 3 | <1 | 88 | <0.01 | <10 | 10 | 14 | 30 | 64 | | | |
| B368724 | 0.021 | | | 0.4 | 0.42 | 38 | <10 | 10 | <0.5 | 2 | 18.2 | <0.5 | 3 | 36 | 134 | 0.99 | <10 | <1 | 0.02 | <10 | 1.93 | 556 | <1 | 0.01 | 9 | 1900 | <2 | <0.01 | 3 | 1 | 121 | 0.02 | <10 | 10 | 21 | <10 | 82 | | | |
| B368725 | 4.36 | | | 87.8 | 0.32 | 18 | <10 | <10 | <0.5 | 8 | 16.5 | 29.4 | 166 | 32 | >10000 | 5.96 | <10 | <1 | 0.03 | <10 | 1.19 | 461 | <1 | 0.01 | 239 | 540 | 7 | 4.8 | 6 | 1 | 87 | 0.02 | <10 | 10 | 14 | <10 | 4790 | | 3.82 | |
| B368726 | 0.032 | | | 0.2 | 0.07 | 9 | 10 | 10 | <0.5 | <2 | >25.0 | 0.8 | 2 | 24 | 106 | 0.55 | <10 | <1 | 0.03 | <10 | 3.18 | 619 | 2 | <0.01 | 3 | 180 | 2 | <0.01 | 2 | 1 | 244 | 0.01 | <10 | 10 | 11 | <10 | 131 | | | |
| B368727 | 0.744 | | | 10.5 | 2.97 | 49 | <10 | 40 | <0.5 | <2 | 14.2 | 2.1 | 51 | 72 | 3470 | 3.12 | 10 | <1 | 0.22 | 20 | 0.55 | 473 | 2 | 0.12 | 162 | 3750 | 5 | 1.66 | 6 | 2 | 163 | 0.36 | <10 | 10 | 44 | <10 | 336 | | | |
| B368728 | 0.025 | | | 1 | 3.97 | 43 | <10 | 10 | 0.6 | 2 | 10.9 | <0.5 | 55 | 74 | 461 | 3.08 | 10 | <1 | 0.02 | 10 | 0.2 | 399 | 3 | 0.2 | 204 | 3750 | 6 | 1.66 | 10 | 2 | 191 | 0.39 | <10 | <10 | 34 | <10 | 118 | | | |
| B368729 | 0.054 | | | 1.4 | 2.67 | 48 | <10 | 10 | 0.5 | 5 | 8.81 | <0.5 | 65 | 69 | 554 | 3.24 | 10 | <1 | 0.07 | 10 | 0.31 | 519 | <1 | 0.09 | 178 | 3490 | 5 | 1.73 | 10 | 3 | 106 | 0.33 | <10 | 10 | 30 | <10 | 71 | | | |
| B368730 | 0.009 | | | 0.6 | 3.2 | 39 | <10 | 20 | 0.5 | <2 | 6.73 | <0.5 | 41 | 85 | 212 | 2.77 | 10 | 1 | 0.14 | 10 | 0.55 | 512 | 10 | 0.14 | 172 | 3440 | 4 | 1.4 | 8 | 2 | 126 | 0.41 | <10 | <10 | 28 | <10 | 30 | | | |
| B368731 | 0.009 | | | 0.5 | 2.43 | 43 | <10 | 40 | <0.5 | <2 | 6.8 | <0.5 | 25 | 68 | 205 | 2.17 | 10 | <1 | 0.13 | 10 | 0.44 | 567 | <1 | 0.1 | 134 | 3120 | 6 | 0.81 | 9 | 3 | 94 | 0.38 | <10 | <10 | 29 | <10 | 33 | | | |
| B368732 | 0.009 | | | <0.2 | 3.6 | 38 | <10 | 230 | 0.6 | 2 | 9.23 | <0.5 | 24 | 127 | 37 | 4 | 10 | <1 | 0.57 | 10 | 1.42 | 711 | 10 | 0.36 | 167 | 3310 | <2 | 0.59 | 8 | 3 | 231 | 0.44 | <10 | 10 | 45 | 50 | 46 | | | |
| B368733 | 0.022 | | | 0.4 | 1.54 | 50 | <10 | 20 | 0.5 | <2 | 12.05 | <0.5 | 5 | 39 | 601 | 9.98 | 10 | <1 | 0.03 | <10 | 0.47 | 2250 | 38 | 0.01 | 14 | 880 | 4 | 4.06 | 13 | 6 | 96 | 0.14 | <10 | 10 | 62 | 30 | 31 | | | |
| B368734 | 0.064 | | | 0.2 | 1.86 | 420 | <10 | 30 | 1.2 | <2 | 13.15 | <0.5 | 3 | 84 | 312 | 8.43 | 10 | <1 | 0.02 | 10 | 1.31 | 3160 | 17 | 0.01 | 13 | 2480 | 4 | 1.07 | 20 | 3 | 140 | 0.07 | <10 | 10 | 63 | 40 | 37 | | | |
| B368735 | 0.072 | | | 0.3 | 0.42 | 102 | <10 | 50 | <0.5 | <2 | 2.01 | <0.5 | 5 | 15 | 225 | 2.7 | <10 | <1 | 0.14 | 30 | 0.62 | 679 | 1 | 0.02 | 10 | 1060 | 3 | 2.5 | 18 | 3 | 113 | <0.01 | <10 | <10 | 15 | <10 | 25 | | | |
| B368736 | 1.045 | | | 2.8 | 0.31 | 825 | <10 | 20 | 0.8 | 3 | 9.38 | 1.9 | 5 | 58 | 1855 | 9.11 | <10 | 2 | 0.02 | 10 | 1.34 | 14600 | 3 | <0.01 | 22 | 2890 | 12 | 6.63 | 220 | 1 | 110 | 0.02 | <10 | 10 | 25 | 40 | 229 | | | |
| B368737 | 1.905 | | | 6.6 | 0.26 | 1935 | <10 | 30 | 0.8 | <2 | 9.04 | 1.1 | 5 | 9 | 5980 | 11.1 | <10 | 12 | 0.01 | <10 | 1.64 | 12100 | 3 | <0.01 | 38 | 1220 | 27 | 6.76 | 377 | 1 | 115 | 0.01 | <10 | 10 | 17 | 50 | 112 | | | |
| B368738 | 0.05 | | | 0.3 | 0.03 | 25 | <10 | 40 | 0.8 | 2 | 5.16 | <0.5 | 4 | 38 | 258 | 2 | <10 | <1 | <0.01 | <10 | 2.03 | 1210 | 5 | <0.01 | 13 | 1580 | 2 | 1.42 | 39 | <1 | 58 | <0.01 | <10 | <10 | 7 | 10 | 22 | | | |
| B368739 | 0.022 | | | 0.5 | 0.28 | 205 | <10 | 10 | 0.7 | <2 | 11.3 | <0.5 | 3 | 7 | 496 | 9.29 | 10 | <1 | <0.01 | <10 | 0.96 | 1985 | 5 | <0.01 | 9 | 380 | 2 | 2.6 | 58 | <1 | 106 | <0.01 | <10 | 10 | 13 | 70 | 24 | | | |
| B368740 | 0.89 | | | 2.6 | 0.86 | 15 | 10 | 50 | <0.5 | 7 | 1.76 | <0.5 | 30 | 1570 | >10000 | 11 | <10 | 1 | 0.43 | <10 | 0.83 | 1070 | 28 | 0.03 | 1280 | 620 | 9 | 3.52 | 6 | 5 | 62 | 0.01 | <10 | <10 | 56 | 10 | 87 | | 1.19 | |
| B368741 | 0.013 | | | <0.2 | 2 | 6 | <10 | 150 | <0.5 | <2 | 1.3 | <0.5 | 29 | 1550 | 117 | 5.17 | 10 | <1 | 0.27 | 10 | 0.82 | 780 | 24 | 0.21 | 1275 | 580 | 3 | 0.07 | 3 | 6 | 78 | 0.19 | <10 | <10 | 73 | <10 | 46 | | | |
| B368742 | 0.018 | | | 0.5 | 0.53 | 394 | <10 | 10 | 0.6 | 2 | 17 | <0.5 | 3 | 68 | 534 | 17.1 | 20 | <1 | 0.01 | 10 | 0.37 | 2410 | 5 | 0.01 | 9 | 180 | 3 | 3.4 | 38 | <1 | 67 | 0.01 | <10 | 20 | 23 | 110 | 22 | | | |
| B368743 | 0.007 | | | 0.2 | 0.34 | 630 | <10 | <10 | <0.5 | 5 | 19.4 | <0.5 | <1 | 15 | 140 | 19.1 | 10 | <1 | 0.01 | 20 | 0.07 | 2090 | 2 | 0.01 | 4 | 90 | 2 | 0.8 | 10 | <1 | 19 | <0.01 | <10 | 20 | 17 | 160 | 10 | | | |
| B368744 | 0.277 | | | 0.8 | 0.38 | 669 | <10 | <10 | <0.5 | 4 | 17.6 | <0.5 | 4 | 79 | 753 | 21 | 10 | <1 | 0.02 | 10 | 0.15 | 3190 | 4 | 0.01 | 9 | 100 | 6 | 6 | 24 | <1 | 22 | <0.01 | <10 | 20 | 15 | 170 | 16 | | | |
| B368745 | 0.168 | | | 0.6 | 0.43 | 631 | <10 | <10 | <0.5 | 4 | 19 | 0.9 | <1 | 26 | 257 | 20.2 | 10 | <1 | 0.01 | 10 | 0.19 | 4270 | 16 | 0.01 | 7 | 110 | 29 | 3 | 31 | <1 | 25 | <0.01 | <10 | 20 | 17 | 130 | 140 | | | |
| B368746 | 0.012 | | | <0.2 | 0.49 | 535 | <10 | <10 | <0.5 | 3 | 19.8 | <0.5 | <1 | 70 | 108 | 18.5 | 20 | <1 | 0.01 | 10 | 0.15 | 2520 | 16 | 0.01 | 7 | 80 | 2 | 1.3 | 12 | <1 | 36 | <0.01 | <10 | 20 | 22 | 100 | 21 | | | |
| B368747 | 0.043 | | | 1.4 | 0.32 | 696 | <10 | <10 | <0.5 | 4 | 17.6 | <0.5 | <1 | 47 | 1415 | 20.4 | 10 | 1 | 0.01 | 10 | 0.15 | 2100 | 25 | 0.01 | 6 | 60 | 4 | 4.5 | 17 | <1 | 22 | <0.01 | <10 | 20 | 17 | 180 | 13 | | | |
| B368748 | 0.02 | | | 0.5 | 0.64 | 291 | <10 | 30 | <0.5 | 2 | 15.9 | <0.5 | <1 | 15 | 437 | 16.6 | 10 | <1 | 0.01 | <10 | 0.42 | 1930 | 20 | 0.01 | 5 | 180 | 2 | 3.6 | 21 | <1 | 53 | 0.01 | <10 | 10 | 24 | 100 | 18 | | | |
| B368749 | 0.013 | | | 0.4 | 0.81 | 349 | <10 | 10 | <0.5 | 3 | 18.2 | <0.5 | <1 | 74 | 351 | 18.2 | 20 | <1 | 0.01 | <10 | 0.42 | 2300 | 21 | 0.01 | 6 | 110 | 3 | 3.3 | 15 | <1 | 64 | 0.01 | <10 | 20 | 28 | 100 | 20 | | | |
| B368750 | 0.052 | | | 0.3 | 0.78 | 452 | <10 | 10 | <0.5 | 3 | 18 | <0.5 | <1 | 20 | 272 | 18.2 | 20 | <1 | 0.01 | 10 | 0.2 | 2400 | 11 | 0.01 | 3 | 440 | 2 | 3.4 | 7 | <1 | 35 | 0.01 | <10 | 20 | 34 | 100 | 20 | | | |
| B368751 | 0.02 | | | 0.2 | 0.82 | 283 | <10 | 10 | <0.5 | 2 | 15.8 | <0.5 | <1 | 97 | 182 | 20.4 | 20 | <1 | 0.01 | <10 | 0.25 | 1850 | 33 | 0.01 | 8 | 230 | 4 | 9.03 | 10 | <1 | 40 | 0.01 | <10 | 10 | 35 | 90 | 18 | | | |
| B368752 | 0.03 | | | 0.5 | 0.68 | 344 | <10 | 10 | <0.5 | 3 | 18.6 | <0.5 | <1 | 20 | 434 | 20.1 | 20 | <1 | 0.01 | <10 | 0.15 | 2300 | 10 | 0.01 | 6 | 240 | 2 | 4.7 | 7 | <1 | 26 | 0.01 | <10 | 20 | 26 | 120 | 12 | | | |
| B368753 | 0.102 | | | 2.9 | 0.51 | 138 | <10 | 10 | 0.5 | 3 | 3.15 | <0.5 | 9 | 74 | 2720 | 28.5 | 10 | <1 | 0.03 | <10 | 0.35 | 454 | 4 | 0.01 | 13 | 60 | 5 | >10.0 | 26 | <1 | 56 | <0.01 | <10 | 10 | 17 | 20 | 20 | | | |
| B368754 | 0.04 | | | 1.1 | 0.77 | 306 | <10 | 10 | <0.5 | 5 | 9.31 | <0.5 | 2 | 23 | 1190 | 20.5 | 10 | <1 | 0.04 | <10 | 0.31 | 1020 | 12 | 0.01 | 8 | 390 | 4 | >10.0 | 39 | 1 | 54 | 0.01 | <10 | 10 | 22 | 70 | 16 | | | |
| B368755 | 0.008 | | | 1.2 | 0.03 | 598 | <10 | <10 | <0.5 | 3 | 0.8 | <0.5 | 15 | 93 | 1395 | 24.6 | <10 | 1 | 0.02 | 10 | 0.14 | 393 | 4 | <0.01 | 17 | 10 | <2 | >10.0 | 45 | <1 | 9 | <0.01 | <10 | <10 | 3 | 20 | 3 | | | |
| B368756 | 0.03 | | | 3 | 0.12 | 1335 | <10 | <10 | <0.5 | 4 | 1.57 | <0.5 | 11 | 13 | 4680 | 25.7 | <10 | 1 | 0.05 | <10 | 0.18 | 480 | 6 | <0.01 | 12 | 120 | 3 | >10.0 | 58 | <1 | 17 | <0.01 | <10 | 10 | 5 | 10 | 13 | | | |
| B368757 | 0.046 | | | 0.9 | 0.58 | 359 | <10 | 10 | <0.5 | 3 | 12.3 | <0.5 | 1 | 86 | 986 | 22.4 | 10 | <1 | 0.03 | <10 | 0.3 | 1700 | 26 | 0.01 | 8 | 200 | 4 | >10.0 | 11 | <1 | 33 | 0.01 | <10 | 20 | 27 | 80 | 14 | | | |
| B368758 | 0.046 | | | 0.8 | 0.53 | 189 | <10 | 20 | <0.5 | 3 | 14.8 | <0.5 | 1 | 25 | 670 | 21.6 | 10 | 1 | 0.01 | <10 | 0.43 | 1650 | 44 | 0.01 | 5 | 410 | 4 | 9.51 | 10 | <1 | 40 | 0.01 | <10 | 10 | 25 | 100 | 18 | | | |
| B368759 | 0.024 | | | 0.5 | 0.72 | 440 | <10 | 20 | <0.5 | 11 | 15 | <0.5 | <1 | 79 | 379 | 17 | 10 | <1 | 0.03 | 10 | 0.75 | 1820 | 21 | 0.01 | 5 | 470 | <2 | 3.3 | 21 | <1 | 48 | 0.01 | <10 | 10 | 32 | 110 | 17 | | | |
| B368760 | 0.93 | | | 2.7 | 0.86 | 9 | 10 | 50 | <0.5 | 3 | 1.71 | <0.5 | 29 | 1525 | >10000 | 10.75 | <10 | <1 | 0.43 | <10 | 0.81 | 1040 | 28 | 0.03 | 1245 | 610 | 9 | 3.43 | 7 | 5 | 61 | 0.01 | <10 | <10 | 55 | 10 | 84 | | 1.2 | |
| B368761 | 0.011 | | | <0.2 | 2 | 3 | <10 | 150 | <0.5 | <2 | 1.28 | <0.5 | 29 | 1475 | 122 | 5.13 | 10 | <1 | 0.26 | 10 | 0.81 | 771 | 24 | 0.21 | 1210 | 560 | 3 | 0.07 | 3 | 6 | 78 | 0.18 | <10 | <10 | 70 | <10 | 42 | | | |
| B368762 | 0.03 | | | 0.6 | 0.71 | 538 | <10 | 10 | <0.5 | 3 | 17.8 | <0.5 | 1 | 27 | 215 | 20.6 | 20 | <1 | 0.03 | 10 | 0.42 | 2510 | 25 | 0.01 | 4 | 700 | 4 | 4.4 | 10 | <1 | 33 | 0.01 | <10 | 20 | 31 | 130 | 15 | | | |
| B368763 | 0.032 | | | 0.7 | 0.72 | 446 | <10 | 50 | <0.5 | 11 | 16.2 | <0.5 | 1 | 86 | 479 | 19.8 | 20 | <1 | 0.05 | 10 | 0.34 | 2580 | 42 | 0.01 | 9 | 630 | 5 | 5.75 | 32 | 1 | 49 | 0.01 | <10 | 20 | 29 | 110 | 13 | | | |
| B368764 | 0.051 | | | 0.4 | 0.76 | 83 | <10 | 50 | 0.6 | <2 | 2.18 | <0.5 | 4 | 17 | 312 | 2.86 | <10 | <1 | 0.14 | 30 | 0.75 | 642 | <1 | 0.04 | 9 | 1050 | 2 | 1.55 | 18 | 3 | 109 | 0.05 | <10 | <10 | 30 | <10 | 24 | | | |
| B368765 | 0.04 | | | 0.6 | 1.06 | 374 | <10 | 20 | 0.8 | 3 | 12.4 | <0.5 | 2 | 91 | 510 | 12.1 | 10 | <1 | 0.05 | 10 | 0.47 | 1765 | 17 | 0.02 | 8 | 640 | 3 | 2.61 | 13 | 1 | 70 | 0.03 | <10 | 10 | 45 | 70 | 17 | | | |
| B368766 | 0.214 | | | 3.4 | 0.57 | 749 | <10 | 10 | <0.5 | <2 | 18.2 | <0.5 | <1 | 9 | 2830 | 20 | 20 | <1 | 0.02 | 10 | 0.12 | 2290 | 3 | 0.01 | 21 | 380 | 4 | 2 | 23 | <1 | 18 | <0.01 | <10 | 20 | 22 | 130 | 21 | | | |
| B368767 | 0.108 | | | 1.2 | 0.36 | 704 | <10 | <10 | <0.5 | 6 | 20 | <0.5 | <1 | 77 | 1130 | 20.8 | 20 | <1 | 0.01 | 10 | 0.11 | 2410 | 3 | 0.01 | 11 | 460 | 3 | 1 | 13 | <1 | 17 | <0.01 | <10 | 20 | 20 | 170 | 16 | | | |
| B368768 | 0.033 | | | 0.7 | 0.59 | 599 | <10 | <10 | <0.5 | 5 | 18.3 | <0.5 | <1 | 11 | 502 | 18.7 | 20 | <1 | 0.01 | 10 | 0.16 | 2080 | 6 | 0.01 | 7 | 400 | 2 | 1 | 7 | <1 | 24 | <0.01 | <10 | 20 | 28 | 150 | 15 | | | |
| B368769 | 0.054 | | | 1 | 0.61 | 602 | <10 | <10 | 0.5 | 8 | 19.4 | <0.5 | <1 | 65 | 903 | 19.1 | 20 | <1 | 0.01 | 10 | 0.13 | 2190 | 2 | 0.01 | 12 | 1240 | 3 | 0.6 | 8 | <1 | 23 | <0.01 | <10 | 20 | 30 | 140 | 17 | | | |
| B368770 | 0.079 | | | 0.9 | 0.76 | 507 | <10 | 20 | 0.5 | 7 | 18.7 | <0.5 | <1 | 12 | 767 | 18.2 | 20 | <1 | 0.01 | 10 | 0.27 | 2300 | 2 | 0.01 | 9 | 900 | 3 | 1.1 | 10 | <1 | 41 | 0.01 | <10 | 20 | 31 | 140 | 18 | | | |
| B368771 | 0.014 | | | 0.4 | 1 | 311 | <10 | 10 | <0.5 | 2 | 19 | <0.5 | <1 | 69 | 253 | 17.3 | 20 | <1 | 0.01 | <10 | 0.24 | 2300 | 10 | 0.01 | 9 | 2050 | 5 | 1.1 | 6 | <1 | 37 | 0.01 | <10 | 10 | 30 | 100 | 18 | | | |
| B368772 | 0.007 | | | 0.4 | 0.99 | 333 | <10 | <10 | <0.5 | 2 | 17.7 | <0.5 | <1 | 15 | 196 | 17 | 10 | <1 | 0.01 | <10 | 0.31 | 2150 | 4 | 0.01 | 7 | 850 | 10 | 1.4 | 9 | <1 | 43 | 0.01 | <10 | 20 | 35 | 110 | 26 | | | |
| B368773 | 0.008 | | | 0.2 | 1.2 | 406 | <10 | 10 | <0.5 | 4 | 18.9 | <0.5 | <1 | 64 | 51 | 16.6 | 20 | <1 | 0.02 | 10 | 0.2 | 2510 | 2 | 0.01 | 7 | 1560 | 4 | <0.01 | 6 | <1 | 28 | 0.02 | <10 | 20 | 24 | 120 | 16 | | | |
| B368774 | 0.027 | | | 0.8 | 1.28 | 190 | <10 | 10 | <0.5 | 3 | 13 | <0.5 | 2 | 9 | 613 | 10.55 | 10 | <1 | 0.02 | 10 | 0.3 | 2220 | 10 | 0.01 | 3 | 2200 | 7 | 2.57 | 15 | 1 | 53 | 0.03 | <10 | <10 | 27 | 50 | 31 | | | |
| B368775 | 0.098 | | | 1.1 | 0.84 | 436 | <10 | 10 | 0.5 | 3 | 15.2 | 3.1 | 5 | 60 | 880 | 13.8 | 10 | <1 | 0.03 | 30 | 0.32 | 2610 | 23 | 0.01 | 9 | 2150 | 63 | 4.34 | 42 | 1 | 60 | 0.02 | <10 | 10 | 28 | 110 | 366 | | | |
| B368776 | 0.024 | | | 0.5 | 0.77 | 549 | <10 | <10 | <0.5 | 2 | 20.4 | <0.5 | 1 | 12 | 352 | 18.4 | 10 | <1 | 0.01 | 10 | 0.11 | 2690 | 6 | 0.01 | 5 | 3100 | 5 | 1.2 | 9 | <1 | 32 | 0.01 | <10 | 20 | 28 | 150 | 21 | | | |
| B368777 | 0.014 | | | 0.4 | 1.17 | 310 | <10 | 10 | <0.5 | <2 | 19.6 | <0.5 | <1 | 62 | 372 | 17.5 | 10 | <1 | 0.02 | <10 | 0.18 | 2640 | 8 | 0.01 | 7 | 860 | 6 | 1.4 | 8 | <1 | 33 | 0.01 | <10 | 20 | 32 | 90 | 28 | | | |
| B368778 | 0.005 | | | 0.2 | 0.94 | 431 | <10 | <10 | <0.5 | <2 | 19.9 | <0.5 | <1 | 14 | 141 | 18.2 | 20 | <1 | 0.01 | 10 | 0.16 | 2400 | 3 | 0.01 | 4 | 720 | 3 | 0.5 | 7 | <1 | 28 | 0.01 | <10 | 20 | 27 | 120 | 21 | | | |
| B368779 | 0.009 | | | 0.4 | 1.11 | 356 | <10 | 10 | <0.5 | <2 | 19.6 | <0.5 | <1 | 64 | 279 | 18.2 | 10 | <1 | 0.02 | <10 | 0.32 | 2190 | 13 | 0.01 | 6 | 1890 | 5 | 1.5 | 8 | <1 | 31 | 0.01 | <10 | 10 | 31 | 110 | 23 | | | |
| B368780 | 0.01 | | | <0.2 | 0.91 | 377 | <10 | <10 | <0.5 | 2 | 18.4 | <0.5 | <1 | 12 | 138 | 17 | 10 | 1 | 0.01 | 10 | 0.38 | 2260 | 3 | 0.01 | 6 | 520 | 5 | 1.1 | 8 | <1 | 36 | 0.01 | <10 | 20 | 28 | 120 | 23 | | | |
| B368781 | 0.235 | | | 2 | 1.68 | 84 | <10 | 30 | 0.7 | 2 | 8.84 | <0.5 | 10 | 85 | 2210 | 7.28 | 10 | <1 | 0.04 | 20 | 0.24 | 1975 | 38 | 0.03 | 9 | 770 | 2 | 3.17 | 11 | 2 | 78 | 0.07 | <10 | 10 | 22 | 30 | 25 | | | |
| B368782 | 0.01 | | | 0.3 | 0.56 | 736 | <10 | 10 | <0.5 | 2 | 19.7 | <0.5 | <1 | 12 | 252 | 19.4 | 20 | <1 | 0.01 | 10 | 0.16 | 2050 | 8 | 0.01 | 4 | 730 | 2 | 1 | 4 | <1 | 24 | 0.01 | <10 | 20 | 26 | 140 | 18 | | | |
| B368783 | 0.005 | | | 0.2 | 0.73 | 691 | <10 | <10 | <0.5 | 3 | 19.9 | <0.5 | <1 | 67 | 134 | 19.6 | 20 | <1 | 0.01 | 10 | 0.18 | 2000 | 6 | 0.01 | 5 | 660 | 4 | 0.7 | 3 | <1 | 15 | 0.01 | <10 | 20 | 31 | 130 | 14 | | | |
| B368784 | 0.015 | | | 0.2 | 0.65 | 588 | <10 | <10 | <0.5 | <2 | 19.2 | <0.5 | <1 | 14 | 44 | 19.4 | 10 | <1 | 0.01 | 10 | 0.11 | 1910 | 15 | 0.01 | 5 | 1600 | 4 | 1.9 | 4 | <1 | 18 | 0.01 | <10 | 20 | 27 | 130 | 17 | | | |
| B368785 | 0.047 | | | 0.4 | 0.55 | 690 | <10 | 10 | <0.5 | 3 | 19.9 | <0.5 | 1 | 60 | 72 | 19.4 | 20 | <1 | 0.01 | 10 | 0.21 | 2330 | 12 | 0.01 | 7 | 570 | 3 | 2.1 | 6 | <1 | 33 | <0.01 | <10 | 20 | 24 | 150 | 20 | | | |
| B368786 | 0.034 | | | <0.2 | 0.54 | 697 | <10 | 10 | <0.5 | 2 | 19.8 | <0.5 | <1 | 12 | 288 | 20.4 | 20 | <1 | 0.01 | 10 | 0.15 | 1930 | 9 | 0.01 | 6 | 1440 | 3 | 1.8 | 5 | <1 | 23 | 0.01 | <10 | 20 | 31 | 200 | 12 | | | |
| B368787 | 0.013 | | | 0.4 | 0.86 | 7 | <10 | 30 | 0.9 | <2 | 1.88 | <0.5 | 2 | 17 | 124 | 1.57 | <10 | <1 | 0.08 | 40 | 0.34 | 295 | 16 | 0.06 | 3 | 1510 | 8 | 0.31 | 18 | 5 | 95 | 0.09 | <10 | <10 | 46 | <10 | 31 | | | |
| B368788 | 0.009 | | | 0.3 | 0.59 | 754 | <10 | 50 | <0.5 | 3 | 20.2 | <0.5 | <1 | 19 | 259 | 19.4 | 20 | <1 | 0.01 | 10 | 0.12 | 2140 | 28 | 0.01 | 7 | 580 | 5 | 1.6 | 4 | 1 | 28 | 0.01 | <10 | 20 | 44 | 150 | 16 | | | |
| B368789 | 0.022 | | | 0.4 | 0.7 | 673 | <10 | <10 | <0.5 | 3 | 19.8 | <0.5 | <1 | 49 | 249 | 20.1 | 20 | <1 | 0.01 | 10 | 0.2 | 2110 | 11 | 0.01 | 6 | 310 | 4 | 2.1 | 7 | <1 | 25 | 0.01 | <10 | 20 | 37 | 160 | 18 | | | |
| B368790 | 0.07 | | | 1.5 | 0.56 | 758 | <10 | <10 | <0.5 | 3 | 16.6 | <0.5 | 3 | 11 | 783 | 19.5 | 20 | 1 | 0.01 | 10 | 0.22 | 2070 | 27 | 0.01 | 6 | 340 | 37 | 5.5 | 29 | <1 | 31 | 0.01 | <10 | 20 | 30 | 170 | 32 | | | |
| B368791 | 0.035 | | | 0.6 | 0.58 | 671 | <10 | <10 | <0.5 | 2 | 19.9 | <0.5 | <1 | 60 | 390 | 20.9 | 20 | <1 | 0.01 | 10 | 0.18 | 2180 | 19 | 0.01 | 6 | 1070 | 3 | 2.7 | 10 | <1 | 26 | 0.01 | <10 | 20 | 34 | 160 | 19 | | | |
| B368792 | 0.016 | | | 0.5 | 0.64 | 715 | <10 | <10 | <0.5 | 2 | 19 | <0.5 | <1 | 12 | 480 | 20.1 | 10 | <1 | 0.01 | 10 | 0.16 | 2080 | 4 | 0.01 | 6 | 580 | 5 | 3 | 5 | <1 | 25 | 0.01 | <10 | 20 | 33 | 130 | 22 | | | |
| B368793 | 0.048 | | | 0.6 | 0.65 | 531 | <10 | <10 | <0.5 | 2 | 19 | <0.5 | <1 | 50 | 501 | 19.7 | 10 | <1 | <0.01 | 10 | 0.22 | 2910 | 6 | 0.01 | 8 | 520 | 8 | 3.9 | 15 | 1 | 44 | 0.01 | <10 | 10 | 33 | 80 | 31 | | | |
| B368794 | 0.163 | | | 2.8 | 1.19 | 928 | <10 | <10 | 1.1 | 3 | 14.2 | 53 | 5 | 13 | 1280 | 12.65 | 10 | 2 | 0.02 | 10 | 0.66 | 5010 | 25 | 0.03 | 10 | 2850 | 190 | 7.22 | 113 | 3 | 143 | 0.02 | <10 | 10 | 27 | 10 | 3660 | | | |

VA05065722 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 180
DATE RECEIVED : 2005-08-08 DATE FINALIZED : 2005-08-28
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | Au-AA23 | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA46 | Cu-AA46 | Zn-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Au Check | Au Check2 | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Ag | Cu | Zn |
| DESCRIPTION | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| B368795 | 0.051 | | | 1.3 | 0.66 | 13 | <10 | 30 | 0.5 | 4 | 3.04 | <0.5 | 13 | 85 | 1325 | 8.87 | <10 | <1 | 0.1 | 10 | 1.06 | 441 | 182 | 0.04 | 34 | 700 | 5 | 6.39 | 8 | 4 | 47 | 0.11 | <10 | <10 | 56 | 20 | 34 | | | |
| B368796 | 0.01 | | | 0.4 | 0.96 | 12 | <10 | 30 | 0.5 | <2 | 4.16 | <0.5 | 4 | 31 | 396 | 4.76 | 10 | <1 | 0.11 | 10 | 1.44 | 767 | 67 | 0.05 | 18 | 550 | 3 | 1.92 | 5 | 3 | 55 | 0.1 | <10 | 10 | 43 | 20 | 29 | | | |
| B368797 | 0.023 | | | 0.8 | 0.77 | 32 | <10 | 40 | 0.5 | <2 | 4.41 | <0.5 | 10 | 85 | 688 | 4.04 | <10 | 1 | 0.11 | 10 | 1.04 | 817 | 12 | 0.04 | 31 | 790 | 2 | 2.07 | 6 | 3 | 50 | 0.08 | <10 | <10 | 69 | 10 | 40 | | | |
| B368798 | 0.087 | | | 2 | 0.91 | 28 | <10 | 20 | 0.6 | 2 | 6.87 | <0.5 | 9 | 22 | 2480 | 9.85 | <10 | <1 | 0.03 | 10 | 1.26 | 1120 | 12 | 0.04 | 47 | 1460 | 3 | 6.32 | 6 | 2 | 58 | 0.08 | <10 | 10 | 56 | 30 | 53 | | | |
| B368799 | 0.038 | | | 1.2 | 0.95 | 35 | <10 | 40 | <0.5 | 2 | 4.3 | <0.5 | 7 | 107 | 985 | 5.32 | 10 | <1 | 0.16 | 10 | 0.74 | 601 | 45 | 0.04 | 27 | 380 | 5 | 2.74 | 5 | 5 | 36 | 0.1 | <10 | 10 | 52 | 20 | 31 | | | |
| B368800 | 1.015 | | | 2.6 | 0.89 | 13 | 10 | 70 | <0.5 | <2 | 1.72 | <0.5 | 28 | 1515 | >10000 | 10.95 | <10 | 1 | 0.44 | <10 | 0.82 | 1055 | 28 | 0.03 | 1235 | 620 | 8 | 3.48 | 6 | 5 | 61 | 0.01 | <10 | <10 | 55 | 10 | 85 | | 1.2 | |
| B368801 | 0.012 | | | <0.2 | 2.05 | 5 | <10 | 150 | <0.5 | <2 | 1.32 | <0.5 | 30 | 1585 | 125 | 5.19 | 10 | <1 | 0.28 | 10 | 0.83 | 785 | 24 | 0.22 | 1305 | 570 | 3 | 0.07 | <2 | 6 | 80 | 0.19 | <10 | <10 | 74 | <10 | 46 | | | |
| B368802 | 0.017 | | | 0.5 | 0.79 | 352 | <10 | 10 | 0.5 | <2 | 14.5 | <0.5 | 3 | 28 | 473 | 13.4 | 10 | <1 | 0.02 | 10 | 0.4 | 1575 | 35 | 0.02 | 13 | 1570 | 4 | 1.61 | 3 | 2 | 20 | 0.06 | <10 | 10 | 62 | 130 | 19 | | | |
| B368803 | 0.019 | | | 0.7 | 0.66 | 112 | <10 | 40 | <0.5 | 2 | 6.19 | <0.5 | 5 | 75 | 602 | 6.38 | 10 | <1 | 0.09 | 20 | 0.35 | 858 | 72 | 0.03 | 7 | 1110 | 5 | 1.46 | 3 | 1 | 33 | 0.12 | <10 | 10 | 26 | 40 | 25 | | | |
| B368804 | 0.005 | | | 0.2 | 0.81 | 351 | <10 | 10 | <0.5 | <2 | 14.8 | <0.5 | <1 | 12 | 236 | 12.35 | 10 | <1 | 0.01 | 10 | 0.33 | 1625 | 24 | 0.02 | 5 | 910 | 3 | 0.47 | 3 | 1 | 16 | 0.03 | <10 | 10 | 25 | 110 | 16 | | | |
| B368805 | 0.007 | | | 0.2 | 0.86 | 391 | <10 | <10 | <0.5 | <2 | 16.4 | <0.5 | <1 | 61 | 132 | 13.4 | 20 | <1 | 0.01 | 10 | 0.24 | 1620 | 6 | 0.01 | 8 | 1590 | 4 | 0.43 | 4 | 1 | 10 | 0.03 | <10 | 10 | 34 | 80 | 12 | | | |
| B368806 | 0.005 | | | 0.2 | 1.04 | 462 | <10 | <10 | <0.5 | <2 | 15.6 | <0.5 | <1 | 17 | 135 | 13.35 | 20 | <1 | 0.01 | 10 | 0.13 | 1515 | 3 | 0.01 | 5 | 1110 | <2 | 0.4 | 2 | 1 | 5 | 0.03 | <10 | 10 | 60 | 70 | 13 | | | |
| B368807 | 0.013 | | | 0.2 | 0.53 | 509 | <10 | <10 | <0.5 | <2 | 11.8 | <0.5 | 1 | 43 | 173 | 11.7 | 10 | <1 | 0.01 | 10 | 0.23 | 1175 | 4 | 0.02 | 7 | 1700 | 4 | 0.4 | 2 | <1 | 10 | 0.01 | <10 | 10 | 24 | 80 | 15 | | | |
| B368808 | 0.152 | | | 1.1 | 0.21 | 244 | <10 | <10 | 0.9 | <2 | 7.27 | <0.5 | 8 | 10 | 925 | 10.25 | 10 | <1 | 0.01 | <10 | 0.24 | 763 | 1 | 0.02 | 23 | 980 | 2 | 2.34 | 3 | <1 | 10 | <0.01 | <10 | 10 | 14 | 50 | 18 | | | |
| B368809 | 0.154 | | | 2.8 | 0.22 | 208 | <10 | <10 | 1.1 | <2 | 5.06 | <0.5 | 3 | 30 | 2330 | 8.14 | 10 | <1 | 0.01 | <10 | 0.24 | 591 | 4 | 0.02 | 21 | 250 | 4 | 0.6 | 2 | <1 | 7 | <0.01 | <10 | 10 | 18 | 40 | 45 | | | |
| B368810 | 0.122 | | | 1.9 | 0.57 | 632 | <10 | <10 | <0.5 | <2 | 14.2 | <0.5 | 3 | 9 | 1655 | 13.4 | 10 | 1 | 0.01 | <10 | 0.34 | 1435 | 2 | 0.02 | 12 | 170 | 3 | 0.89 | 3 | <1 | 13 | <0.01 | <10 | 10 | 20 | 100 | 19 | | | |
| B368811 | 0.146 | | | 4.1 | 0.43 | 196 | <10 | 10 | <0.5 | <2 | 7.94 | <0.5 | 8 | 39 | 4160 | 9.22 | 10 | <1 | 0.01 | <10 | 0.57 | 944 | 5 | 0.02 | 30 | 380 | 2 | 1.63 | 3 | <1 | 23 | <0.01 | <10 | 10 | 16 | 50 | 30 | | | |
| B368812 | 0.033 | | | 1.4 | 0.61 | 696 | <10 | <10 | <0.5 | <2 | 18.4 | <0.5 | <1 | 15 | 1185 | 19.1 | 10 | <1 | 0.01 | 10 | 0.13 | 1720 | 5 | 0.01 | 9 | 70 | 4 | 0.8 | 4 | <1 | 5 | <0.01 | <10 | 20 | 23 | 170 | 15 | | | |
| B368813 | 0.008 | | | 0.3 | 0.62 | 803 | <10 | <10 | <0.5 | <2 | 18.8 | <0.5 | <1 | 57 | 243 | 16.65 | 20 | <1 | 0.01 | 10 | 0.1 | 1650 | 3 | 0.02 | 2 | 50 | <2 | 0.5 | <2 | <1 | 5 | <0.01 | <10 | 10 | 22 | 190 | 10 | | | |
| B368814 | 0.05 | | | 1.1 | 0.53 | 494 | <10 | <10 | <0.5 | <2 | 14.8 | <0.5 | <1 | 15 | 975 | 13.7 | 10 | <1 | 0.01 | 10 | 0.25 | 1355 | 5 | 0.02 | 7 | 150 | <2 | 0.7 | <2 | <1 | 10 | <0.01 | <10 | <10 | 20 | 130 | 16 | | | |
| B368815 | 0.019 | | | 0.6 | 0.68 | 632 | <10 | <10 | <0.5 | <2 | 16.35 | <0.5 | 1 | 53 | 607 | 14.9 | 10 | <1 | 0.01 | 10 | 0.2 | 1490 | 4 | 0.02 | 11 | 210 | <2 | 0.8 | <2 | <1 | 8 | 0.01 | <10 | <10 | 27 | 150 | 15 | | | |
| B368816 | 0.007 | | | 0.6 | 0.64 | 484 | <10 | <10 | <0.5 | <2 | 14.7 | <0.5 | 2 | 13 | 464 | 13.9 | 10 | <1 | 0.01 | 10 | 0.23 | 1360 | 18 | 0.02 | 13 | 110 | 4 | 1.03 | <2 | <1 | 10 | <0.01 | <10 | <10 | 28 | 130 | 13 | | | |
| B368817 | 0.007 | | | <0.2 | 0.8 | 502 | <10 | <10 | <0.5 | <2 | 15.55 | <0.5 | 1 | 50 | 219 | 13.8 | 10 | 1 | 0.01 | 10 | 0.22 | 1465 | 6 | 0.02 | 4 | 90 | 4 | 0.48 | <2 | <1 | 10 | <0.01 | <10 | <10 | 34 | 120 | 12 | | | |
| B368818 | 0.005 | | | <0.2 | 1.21 | 348 | <10 | 10 | <0.5 | <2 | 13.2 | <0.5 | 1 | 12 | 136 | 10.95 | 10 | 1 | 0.02 | 10 | 0.29 | 1520 | 24 | 0.03 | 3 | 330 | <2 | 0.53 | <2 | <1 | 17 | 0.03 | <10 | <10 | 29 | 80 | 14 | | | |
| B368819 | 0.012 | | | 0.2 | 0.77 | 550 | <10 | <10 | <0.5 | <2 | 14.8 | <0.5 | 2 | 49 | 211 | 13.4 | 10 | <1 | 0.01 | 10 | 0.48 | 1505 | 8 | 0.02 | 2 | 90 | <2 | 0.59 | <2 | <1 | 16 | <0.01 | <10 | <10 | 28 | 120 | 15 | | | |
| B368820 | 0.02 | | | 0.3 | 0.56 | 288 | <10 | <10 | <0.5 | <2 | 9.32 | <0.5 | 2 | 8 | 248 | 10 | 10 | <1 | <0.01 | 10 | 1.1 | 1165 | 32 | 0.03 | 5 | 170 | 4 | 0.68 | <2 | <1 | 38 | <0.01 | <10 | <10 | 20 | 70 | 22 | | | |
| B368821 | 0.007 | | | 0.5 | 0.61 | 367 | <10 | 170 | <0.5 | <2 | 11.35 | <0.5 | 5 | 46 | 371 | 11.4 | 10 | <1 | 0.01 | 10 | 0.91 | 1270 | 16 | 0.03 | 8 | 110 | 4 | 1.36 | <2 | <1 | 31 | <0.01 | <10 | <10 | 23 | 90 | 20 | | | |
| B368822 | 0.014 | | | 0.5 | 0.42 | 454 | <10 | 230 | <0.5 | <2 | 11.95 | <0.5 | 3 | 14 | 296 | 12 | 10 | <1 | 0.01 | 10 | 1.09 | 1375 | 13 | 0.03 | 7 | 160 | 5 | 1.11 | <2 | <1 | 39 | <0.01 | <10 | 10 | 18 | 170 | 27 | | | |
| B368823 | 0.02 | | | 0.5 | 0.43 | 731 | <10 | 20 | <0.5 | 2 | 17.05 | <0.5 | 4 | 69 | 408 | 16.05 | 10 | <1 | 0.01 | 10 | 0.23 | 1960 | 3 | 0.02 | 9 | 140 | <2 | 1.61 | 18 | <1 | 23 | <0.01 | <10 | 10 | 18 | 210 | 63 | | | |
| B368824 | <0.005 | | | <0.2 | 0.56 | 626 | <10 | 40 | <0.5 | <2 | 18.65 | <0.5 | 2 | 18 | 76 | 15.45 | 10 | <1 | 0.01 | 10 | 0.15 | 2420 | 12 | 0.02 | 7 | 210 | 2 | 0.36 | 3 | <1 | 34 | <0.01 | <10 | 10 | 23 | 200 | 38 | | | |
| B368825 | 0.01 | | | <0.2 | 0.65 | 594 | <10 | 30 | <0.5 | <2 | 17.35 | <0.5 | 2 | 53 | 84 | 13.9 | 20 | <1 | 0.01 | 10 | 0.42 | 1900 | 5 | 0.02 | 3 | 1580 | <2 | 0.4 | 5 | <1 | 78 | 0.01 | <10 | <10 | 26 | 160 | 26 | | | |
| B368826 | 0.009 | | | 0.3 | 0.52 | 337 | <10 | 20 | 0.5 | <2 | 16.5 | <0.5 | 7 | 14 | 331 | 13.05 | 10 | <1 | 0.01 | 10 | 0.47 | 2490 | 12 | 0.02 | 10 | 1060 | <2 | 0.79 | 10 | <1 | 120 | 0.01 | <10 | <10 | 20 | 100 | 54 | | | |
| B368827 | 0.009 | | | 0.3 | 0.27 | 120 | <10 | 10 | 1.1 | <2 | 12.55 | <0.5 | 18 | 28 | 288 | 7.15 | <10 | <1 | 0.01 | <10 | 0.76 | 3210 | 24 | 0.03 | 36 | 2740 | 3 | 1.09 | 4 | 1 | 236 | 0.02 | <10 | <10 | 20 | 50 | 104 | | | |
| B368828 | 0.03 | | | 0.7 | 0.57 | 203 | <10 | 20 | <0.5 | <2 | 9 | <0.5 | 4 | 7 | 509 | 8.63 | 10 | <1 | 0.01 | 10 | 1.15 | 1105 | 9 | 0.03 | 11 | 2990 | 2 | 1.13 | <2 | <1 | 63 | 0.02 | <10 | <10 | 23 | 40 | 32 | | | |
| B368829 | 0.031 | | | 0.8 | 0.55 | 518 | <10 | <10 | <0.5 | <2 | 14.8 | <0.5 | 2 | 57 | 643 | 13.4 | 10 | <1 | 0.01 | 10 | 0.51 | 1475 | 4 | 0.02 | 5 | 1520 | 6 | 0.94 | <2 | 1 | 22 | 0.02 | <10 | <10 | 23 | 140 | 19 | | | |
| B368830 | 0.04 | | | 1 | 0.61 | 427 | <10 | <10 | <0.5 | <2 | 13.45 | <0.5 | 3 | 5 | 639 | 11.95 | 10 | <1 | 0.01 | 10 | 0.59 | 1450 | 9 | 0.02 | 7 | 490 | <2 | 1.07 | <2 | <1 | 25 | 0.01 | <10 | <10 | 21 | 110 | 23 | | | |
| B368831 | <0.005 | | | <0.2 | 0.71 | 1205 | <10 | <10 | <0.5 | <2 | 19 | <0.5 | <1 | 79 | 18 | 16.1 | 20 | <1 | 0.02 | 20 | 0.13 | 1840 | 3 | 0.02 | 2 | 1000 | <2 | 0.31 | <2 | <1 | 10 | <0.01 | <10 | 10 | 23 | 150 | 17 | | | |
| B368832 | 0.005 | | | <0.2 | 0.84 | 1265 | <10 | <10 | <0.5 | 2 | 18.95 | <0.5 | <1 | 6 | 34 | 15.4 | 20 | <1 | 0.02 | 20 | 0.18 | 1910 | 2 | 0.02 | 2 | 580 | <2 | 0.24 | <2 | <1 | 11 | <0.01 | <10 | 10 | 25 | 160 | 21 | | | |
| B368833 | 0.005 | | | <0.2 | 0.82 | 1020 | <10 | <10 | <0.5 | 2 | 18.5 | <0.5 | <1 | 63 | 32 | 15.7 | 20 | <1 | 0.02 | 10 | 0.21 | 1790 | 5 | 0.02 | 2 | 360 | <2 | 0.88 | <2 | <1 | 11 | <0.01 | <10 | 10 | 28 | 160 | 18 | | | |
| B368834 | 0.029 | | | 1.3 | 0.76 | 487 | <10 | <10 | <0.5 | <2 | 17.7 | <0.5 | 1 | 60 | 581 | 14.8 | 20 | <1 | 0.02 | 10 | 0.43 | 1665 | 14 | 0.02 | 6 | 860 | 2 | 0.88 | <2 | <1 | 17 | 0.01 | <10 | <10 | 26 | 140 | 22 | | | |
| B368835 | 0.012 | | | 0.3 | 1.23 | 305 | <10 | <10 | <0.5 | 2 | 16.85 | <0.5 | <1 | 54 | 112 | 12.8 | 10 | 1 | 0.03 | 10 | 0.71 | 1830 | 2 | 0.02 | 3 | 1540 | <2 | 0.28 | <2 | <1 | 27 | 0.01 | <10 | <10 | 45 | 80 | 29 | | | |
| B368836 | 0.031 | | | <0.2 | 0.81 | 220 | <10 | <10 | <0.5 | <2 | 14 | <0.5 | 1 | 61 | 12 | 10.2 | 10 | <1 | 0.01 | 10 | 0.8 | 1720 | 1 | 0.02 | 3 | 1210 | 3 | 0.68 | <2 | 1 | 29 | 0.03 | <10 | <10 | 37 | 60 | 25 | | | |
| B368837 | 0.023 | | | 0.3 | 0.32 | 38 | <10 | <10 | 0.8 | <2 | 7.67 | <0.5 | 1 | 70 | 148 | 2.58 | <10 | <1 | 0.01 | 10 | 1.33 | 920 | 1 | 0.02 | 5 | 2020 | <2 | 0.07 | 2 | 1 | 35 | 0.05 | <10 | <10 | 24 | 20 | 18 | | | |
| B368838 | 0.074 | | | 8.3 | 0.45 | 40 | <10 | 20 | 1.5 | <2 | 9.01 | <0.5 | 2 | 56 | 3760 | 1.7 | <10 | <1 | 0.19 | 10 | 1.9 | 978 | 1 | 0.03 | 19 | 4380 | 4 | 0.67 | 3 | 1 | 46 | 0.12 | <10 | <10 | 28 | 10 | 38 | | | |
| B368839 | 0.586 | | | 10.2 | 1.78 | 50 | <10 | 60 | 0.7 | <2 | 7.69 | <0.5 | 14 | 95 | 6310 | 3.09 | <10 | <1 | 0.04 | 70 | 1.05 | 904 | 37 | 0.06 | 167 | 3580 | 6 | 1.6 | 9 | 4 | 88 | 0.58 | <10 | <10 | 70 | <10 | 38 | | | |
| B368840 | 0.276 | | | 5.8 | 2.94 | 52 | <10 | 40 | 0.6 | <2 | 6.8 | <0.5 | 60 | 58 | 3440 | 2.86 | 10 | <1 | 0.05 | 20 | 0.76 | 550 | 26 | 0.21 | 235 | 4020 | 4 | 2.01 | 7 | 2 | 162 | 0.5 | <10 | <10 | 50 | <10 | 31 | | | |
| B368841 | 1.06 | | | 20.9 | 2.46 | 49 | <10 | 100 | 0.8 | <2 | 7.4 | <0.5 | 25 | 82 | >10000 | 3.65 | 10 | 1 | 0.06 | 50 | 0.59 | 809 | 76 | 0.17 | 200 | 3820 | 8 | 1.95 | 9 | 3 | 136 | 0.54 | <10 | <10 | 57 | 10 | 68 | | 1.1 | |
| B368842 | 0.042 | | | 1.2 | 0.93 | 859 | <10 | 30 | <0.5 | <2 | 16.2 | <0.5 | <1 | 57 | 625 | 13.3 | 10 | 1 | 0.03 | 20 | 0.59 | 1575 | 13 | 0.03 | 17 | 940 | 5 | 1 | <2 | 1 | 23 | 0.11 | <10 | <10 | 40 | 170 | 28 | | | |
| B368843 | <0.005 | | | <0.2 | 0.82 | 982 | <10 | 10 | <0.5 | <2 | 18.35 | <0.5 | <1 | 65 | 73 | 14.95 | 20 | <1 | 0.01 | 20 | 0.38 | 1690 | 2 | 0.02 | 6 | 630 | <2 | 0.19 | <2 | <1 | 14 | 0.01 | <10 | <10 | 37 | 170 | 16 | | | |
| B368844 | 0.007 | | | <0.2 | 0.69 | 1130 | <10 | <10 | <0.5 | 2 | 17.2 | <0.5 | 4 | 44 | 17 | 14.15 | 10 | 2 | 0.01 | 20 | 0.29 | 1690 | 1 | 0.02 | 10 | 170 | 3 | 2.67 | 73 | <1 | 31 | <0.01 | <10 | <10 | 28 | 130 | 31 | | | |
| B368845 | 0.006 | | | <0.2 | 0.72 | 861 | <10 | <10 | <0.5 | <2 | 18 | <0.5 | 2 | 56 | 13 | 14.5 | 10 | <1 | 0.01 | 20 | 0.17 | 1760 | 1 | 0.02 | 6 | 360 | 5 | 1.02 | 15 | <1 | 36 | 0.01 | <10 | <10 | 26 | 140 | 21 | | | |
| B368846 | 0.006 | | | <0.2 | 0.52 | 200 | <10 | 320 | 0.5 | <2 | 12.15 | <0.5 | 3 | 30 | 14 | 8.91 | 10 | <1 | 0.02 | <10 | 0.86 | 1420 | 1 | 0.02 | 6 | 250 | 3 | 0.55 | 2 | <1 | 76 | 0.01 | <10 | <10 | 29 | 90 | 25 | | | |
| B368847 | 0.006 | | | <0.2 | 0.69 | 347 | <10 | 60 | <0.5 | <2 | 16.8 | <0.5 | <1 | 66 | 17 | 13.65 | 10 | <1 | 0.02 | 10 | 0.41 | 1675 | 2 | 0.02 | 5 | 1470 | <2 | 0.61 | <2 | 1 | 20 | 0.02 | <10 | <10 | 45 | 90 | 15 | | | |
| B368848 | <0.005 | | | <0.2 | 0.77 | 359 | <10 | 90 | <0.5 | <2 | 17.75 | <0.5 | <1 | 83 | 11 | 14.35 | 10 | <1 | 0.02 | 10 | 0.4 | 1825 | 6 | 0.02 | 3 | 1420 | <2 | 0.45 | <2 | 1 | 19 | 0.03 | <10 | <10 | 64 | 90 | 15 | | | |
| B368849 | 0.017 | | | <0.2 | 0.74 | 338 | <10 | 10 | <0.5 | 2 | 16.3 | <0.5 | <1 | 62 | 41 | 13.1 | 10 | <1 | 0.04 | 10 | 0.69 | 1810 | 6 | 0.02 | 4 | 340 | 3 | 0.97 | <2 | <1 | 24 | 0.01 | <10 | <10 | 44 | 130 | 21 | | | |
| B368850 | 0.012 | | | <0.2 | 0.8 | 423 | <10 | <10 | <0.5 | <2 | 18.8 | <0.5 | <1 | 75 | 19 | 16 | 10 | <1 | 0.03 | 10 | 0.08 | 1905 | 3 | 0.02 | 3 | 310 | 4 | 1.2 | <2 | 1 | 12 | 0.01 | <10 | <10 | 45 | 140 | 12 | | | |
| B368851 | 0.012 | | | <0.2 | 0.83 | 354 | <10 | <10 | <0.5 | 6 | 18.35 | <0.5 | <1 | 89 | 38 | 15.25 | 10 | 1 | 0.03 | 10 | 0.1 | 1840 | 10 | 0.02 | 2 | 1340 | 4 | 0.82 | <2 | 1 | 10 | 0.03 | <10 | <10 | 53 | 110 | 12 | | | |
| B368852 | 0.013 | | | <0.2 | 0.46 | 241 | <10 | <10 | <0.5 | <2 | 13.55 | <0.5 | 1 | 53 | 15 | 10.15 | <10 | <1 | 0.03 | 10 | 0.78 | 1340 | 18 | 0.02 | 5 | 1740 | <2 | 0.62 | <2 | 1 | 25 | 0.01 | <10 | <10 | 41 | 120 | 18 | | | |
| B368853 | 0.024 | | | 0.2 | 0.77 | 362 | <10 | <10 | <0.5 | 2 | 17.3 | <0.5 | 1 | 75 | 89 | 14.3 | 10 | <1 | 0.04 | 10 | 0.53 | 1650 | 2 | 0.02 | 4 | 610 | 3 | 0.81 | <2 | 1 | 16 | 0.02 | <10 | <10 | 55 | 110 | 16 | | | |
| B368854 | 0.029 | | | 0.2 | 0.41 | 780 | <10 | <10 | <0.5 | <2 | 18.3 | <0.5 | <1 | 15 | 118 | 16.3 | 20 | <1 | 0.01 | 20 | 0.08 | 1755 | 1 | 0.02 | 4 | 50 | <2 | 0.43 | <2 | <1 | 10 | <0.01 | <10 | 10 | 13 | 180 | 11 | | | |
| B368855 | 0.017 | | | <0.2 | 0.4 | 692 | <10 | 10 | <0.5 | <2 | 19.1 | <0.5 | <1 | 79 | 88 | 16 | 10 | <1 | 0.01 | 10 | 0.09 | 2040 | 1 | 0.02 | 6 | 80 | 2 | 0.23 | <2 | <1 | 20 | <0.01 | <10 | <10 | 21 | 190 | 11 | | | |
| B368856 | 0.012 | | | <0.2 | 0.93 | 478 | <10 | <10 | <0.5 | <2 | 16.15 | <0.5 | <1 | 15 | 63 | 12.4 | 10 | <1 | 0.02 | 10 | 0.19 | 1630 | <1 | 0.02 | 4 | 320 | <2 | 0.37 | <2 | <1 | 15 | 0.03 | <10 | <10 | 25 | 160 | 13 | | | |
| B368857 | 0.062 | | | 1.9 | 1.14 | 460 | <10 | <10 | <0.5 | <2 | 16.95 | <0.5 | <1 | 70 | 770 | 13.25 | 10 | <1 | 0.02 | 10 | 0.19 | 1725 | 1 | 0.02 | 10 | 180 | 2 | 0.66 | <2 | <1 | 17 | 0.02 | <10 | 10 | 26 | 270 | 16 | | | |
| B368858 | 0.071 | | | 0.4 | 1.27 | 91 | <10 | 10 | <0.5 | <2 | 12.45 | <0.5 | 13 | 18 | 245 | 8.48 | 10 | <1 | 0.04 | 10 | 0.56 | 1355 | <1 | 0.02 | 17 | 990 | 4 | 1.8 | <2 | <1 | 25 | 0.03 | <10 | <10 | 23 | 70 | 22 | | | |
| B368859 | 0.009 | | | 0.4 | 1.82 | 60 | <10 | 30 | <0.5 | <2 | 12.35 | <0.5 | <1 | 53 | 19 | 6.64 | 10 | <1 | 0.03 | <10 | 1.18 | 1530 | 1 | 0.02 | 4 | 420 | 4 | 0.56 | <2 | <1 | 34 | 0.02 | <10 | <10 | 27 | 40 | 24 | | | |
| B368860 | 0.073 | | | 0.9 | 1.36 | 92 | <10 | 10 | <0.5 | <2 | 13.55 | <0.5 | 2 | 25 | 375 | 8.39 | 10 | <1 | 0.04 | <10 | 0.98 | 1570 | <1 | 0.02 | 7 | 530 | 7 | 0.39 | <2 | <1 | 41 | 0.02 | <10 | <10 | 31 | 140 | 30 | | | |
| B368861 | 0.781 | | | 36.6 | 0.47 | 179 | <10 | 30 | <0.5 | 2 | 15.7 | <0.5 | 6 | 56 | >10000 | 12.55 | <10 | <1 | 0.02 | <10 | 0.39 | 1290 | 1 | 0.02 | 80 | 180 | 2 | 2.58 | 14 | <1 | 49 | <0.01 | <10 | 10 | 27 | 280 | 166 | | 1.31 | |
| B368862 | 1.355 | | | 24 | 0.98 | 105 | <10 | 30 | 0.6 | 2 | 12.9 | <0.5 | 5 | 17 | 8370 | 9.04 | <10 | <1 | 0.02 | <10 | 1.24 | 1520 | <1 | 0.02 | 40 | 100 | 3 | 1.7 | <2 | <1 | 47 | 0.01 | <10 | 10 | 22 | 120 | 117 | | | |
| B368863 | 0.742 | | | 37.8 | 1.2 | 50 | <10 | 40 | <0.5 | 10 | 10.45 | <0.5 | 24 | 54 | >10000 | 10.45 | 10 | <1 | 0.02 | <10 | 0.77 | 1205 | <1 | 0.02 | 38 | 290 | 7 | 3.58 | <2 | <1 | 39 | 0.01 | <10 | <10 | 33 | 50 | 229 | | 1.06 | |
| B368864 | 1.82 | | | 55.9 | 0.12 | 142 | <10 | 20 | 0.8 | 51 | 3.11 | 2.2 | 134 | 20 | >10000 | 22.9 | <10 | 1 | 0.01 | <10 | 0.69 | 545 | <1 | 0.02 | 48 | 730 | 10 | >10.0 | 4 | <1 | 29 | 0.01 | <10 | 10 | 24 | <10 | 522 | | 1.67 | |
| B368865 | 3.46 | | | 80.3 | 0.28 | 1335 | <10 | <10 | <0.5 | 917 | 10.95 | 1.3 | 148 | 47 | >10000 | 17.4 | <10 | 1 | 0.04 | <10 | 0.63 | 1940 | 19 | 0.01 | 35 | 1020 | 283 | >10.0 | 129 | 1 | 65 | 0.04 | <10 | <10 | 18 | 60 | 309 | | 1.61 | |
| B368866 | 2.3 | | | 82.5 | 0.07 | >10000 | <10 | <10 | <0.5 | 1230 | 7.07 | 0.8 | 109 | 10 | >10000 | 22.4 | <10 | <1 | 0.03 | <10 | 0.55 | 2080 | 18 | 0.01 | 28 | 1320 | 128 | >10.0 | 1205 | 1 | 36 | <0.01 | <10 | <10 | 10 | 740 | 390 | | 1.61 | |
| B368867 | 0.458 | | | 28.2 | 0.19 | 2350 | <10 | <10 | 0.6 | 112 | 6.23 | <0.5 | 12 | 58 | 4800 | 36.2 | <10 | <1 | 0.04 | <10 | 0.26 | 750 | <1 | 0.03 | 17 | 3450 | 126 | 5.55 | 43 | 1 | 38 | 0.02 | <10 | <10 | 50 | 40 | 101 | | | |
| B368868 | 0.419 | | | 52.6 | 1.27 | 1885 | <10 | 70 | <0.5 | 64 | 15.15 | 1.1 | 5 | 31 | 6780 | 11.25 | 10 | <1 | 0.04 | <10 | 0.54 | 2840 | 2 | 0.02 | 9 | 1880 | 27 | 4.27 | 36 | 2 | 57 | 0.05 | <10 | 10 | 50 | 190 | 246 | | | |
| B368869 | 0.12 | | | 3.6 | 1.52 | 102 | <10 | 40 | 0.6 | 4 | 10.35 | <0.5 | 4 | 69 | 938 | 6.54 | 10 | <1 | 0.12 | 10 | 1.17 | 1355 | 19 | 0.03 | 19 | 720 | 6 | 0.51 | 5 | 5 | 48 | 0.15 | <10 | <10 | 58 | 100 | 63 | | | |
| B368870 | 0.211 | | | 8 | 1.52 | 150 | <10 | 50 | <0.5 | 5 | 13.7 | <0.5 | 4 | 24 | 2230 | 9.36 | 10 | 1 | 0.04 | <10 | 0.78 | 1640 | 17 | 0.02 | 9 | 1850 | 4 | 1.2 | <2 | 3 | 48 | 0.06 | <10 | <10 | 38 | 120 | 78 | | | |
| B368871 | 0.126 | | | 4.7 | 2.03 | 222 | <10 | <10 | 0.5 | 7 | 14.05 | <0.5 | 3 | 51 | 1285 | 10.6 | 10 | <1 | 0.02 | <10 | 0.68 | 1570 | 11 | 0.02 | 11 | 1400 | 5 | 1.34 | 16 | 3 | 82 | 0.05 | <10 | 10 | 49 | 120 | 49 | | | |
| B368872 | 0.052 | | | 1.6 | 0.07 | 756 | <10 | <10 | <0.5 | 5 | 12.55 | <0.5 | 179 | 17 | 353 | 9.8 | <10 | <1 | 0.02 | <10 | 0.47 | 3500 | 1 | 0.02 | 55 | 890 | <2 | >10.0 | 5 | 1 | 73 | <0.01 | <10 | <10 | 12 | 10 | 18 | | | |
| B368873 | 0.032 | | | 1 | 1.73 | 135 | <10 | 130 | 0.9 | 4 | 6.3 | 1.5 | 9 | 64 | 300 | 3.7 | 10 | <1 | 0.22 | 10 | 1.22 | 1025 | 246 | 0.07 | 25 | 420 | 12 | 0.58 | 14 | 6 | 106 | 0.11 | <10 | <10 | 51 | 30 | 320 | | | |
| B368874 | 0.374 | | | 13.3 | 1.88 | 80 | <10 | 10 | <0.5 | 15 | 14.1 | <0.5 | 6 | 31 | 3600 | 8.78 | 10 | 1 | 0.01 | 10 | 0.24 | 1575 | 610 | 0.03 | 13 | 330 | 6 | 0.94 | 2 | 6 | 30 | 0.11 | <10 | <10 | 51 | 110 | 128 | | | |
| B368875 | 5.02 | | | >100 | 0.86 | 69 | <10 | 10 | 0.5 | 6 | 9.19 | 6.3 | 52 | 121 | >10000 | 12.85 | <10 | <1 | 0.04 | <10 | 0.49 | 936 | 5 | 0.02 | 129 | >10000 | 5 | 8.49 | 4 | 3 | 55 | 0.09 | <10 | 10 | 37 | 40 | 979 | 202 | 4.77 | |
| B368876 | 6.42 | | | >100 | 0.63 | 47 | <10 | <10 | <0.5 | 8 | 6.15 | 5.2 | 90 | 31 | >10000 | 13 | <10 | 1 | 0.03 | <10 | 0.51 | 819 | 2 | 0.02 | 111 | 9740 | 6 | 6.5 | <2 | 3 | 39 | 0.06 | <10 | <10 | 30 | 50 | 817 | 171 | 4.54 | |
| B368877 | 0.292 | | | 10.5 | 1.83 | 63 | <10 | <10 | <0.5 | 13 | 12.75 | <0.5 | 7 | 62 | 2450 | 8.71 | 10 | <1 | 0.02 | <10 | 0.42 | 1465 | 20 | 0.02 | 38 | 1400 | 7 | 1.62 | 2 | 3 | 38 | 0.09 | <10 | <10 | 42 | 100 | 71 | | | |
| B368878 | 1.3 | | | 26.4 | 1.69 | 76 | <10 | 10 | <0.5 | 38 | 10.75 | <0.5 | 8 | 19 | 7880 | 7.34 | <10 | <1 | 0.05 | 10 | 0.45 | 1475 | 332 | 0.02 | 34 | 1140 | 6 | 2.5 | <2 | 3 | 53 | 0.08 | <10 | <10 | 37 | 50 | 148 | | | |
| B368879 | 1.37 | | | 51.4 | 1.16 | 43 | <10 | 10 | 0.5 | 42 | 9.43 | 1.3 | 17 | 54 | >10000 | 7.15 | <10 | <1 | 0.04 | <10 | 0.84 | 1185 | 75 | 0.03 | 45 | 1580 | 22 | 2.62 | 4 | 3 | 82 | 0.12 | <10 | <10 | 32 | 50 | 258 | | 1.13 | |
| B368880 | 0.392 | 1.1 | 2.68 | 31.2 | 1.58 | 33 | <10 | 10 | 0.6 | 7 | 14.9 | 0.9 | 3 | 30 | 9650 | 7.74 | <10 | <1 | 0.02 | <10 | 0.4 | 1875 | 62 | <0.01 | 32 | 870 | 6 | 1.6 | 4 | 4 | 56 | 0.09 | <10 | <10 | 41 | 70 | 178 | | 0.92 | |

VA05085807 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 68
DATE RECEIVED : 2005-10-05  DATE FINALIZED : 2005-10-14
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| M322351 | 0.054 | 0.9 | 1.18 | 129 | <10 | 240 | 0.6 | <2 | 0.7 | 0.5 | 10 | 17 | 130 | 2.38 | <10 | 1 | 0.34 | 10 | 0.67 | 384 | 5 | 0.01 | 37 | 340 | 12 | 1.06 | 25 | 3 | 23 | 0.01 | <10 | <10 | 27 | <10 | 60 |
| M322352 | 0.011 | 0.8 | 1.61 | 26 | <10 | 270 | 0.6 | <2 | 1.02 | 2.7 | 9 | 25 | 119 | 2.9 | 10 | 1 | 0.33 | 10 | 0.91 | 517 | 6 | 0.02 | 34 | 560 | 140 | 1.06 | 73 | 4 | 29 | 0.01 | <10 | <10 | 44 | <10 | 226 |
| M322353 | <0.005 | 0.3 | 1.88 | 24 | <10 | 280 | 0.7 | <2 | 0.83 | <0.5 | 9 | 29 | 88 | 2.53 | 10 | 1 | 0.44 | 10 | 0.93 | 308 | 7 | 0.07 | 34 | 430 | 37 | 0.77 | 71 | 5 | 39 | 0.05 | <10 | <10 | 52 | <10 | 40 |
| M322354 | 0.005 | <0.2 | 2.51 | 13 | <10 | 240 | 0.8 | <2 | 1.62 | 0.5 | 9 | 36 | 90 | 2.47 | 10 | <1 | 0.43 | 10 | 1.05 | 316 | 10 | 0.2 | 35 | 550 | 10 | 0.75 | 16 | 7 | 107 | 0.11 | <10 | <10 | 83 | <10 | 71 |
| M322355 | 0.01 | 0.3 | 2.42 | 49 | <10 | 220 | 0.9 | <2 | 1.19 | <0.5 | 9 | 38 | 76 | 2.5 | 10 | <1 | 0.41 | 10 | 0.93 | 263 | 11 | 0.21 | 33 | 660 | 6 | 0.8 | 17 | 6 | 107 | 0.08 | <10 | <10 | 89 | <10 | 41 |
| M322356 | 0.007 | 0.2 | 2.27 | 36 | <10 | 290 | 0.9 | <2 | 0.98 | <0.5 | 9 | 35 | 75 | 2.43 | 10 | 1 | 0.56 | 10 | 0.93 | 221 | 10 | 0.15 | 36 | 570 | 7 | 0.83 | 19 | 6 | 79 | 0.08 | <10 | <10 | 78 | <10 | 45 |
| M322357 | <0.005 | <0.2 | 1.56 | 23 | 10 | 320 | 0.6 | <2 | 0.85 | <0.5 | 8 | 21 | 63 | 2.33 | 10 | <1 | 0.52 | 10 | 0.75 | 220 | 6 | 0.1 | 29 | 430 | 7 | 0.66 | 13 | 4 | 48 | 0.04 | <10 | <10 | 41 | <10 | 32 |
| M322358 | 0.006 | 0.5 | 1.61 | 49 | 10 | 330 | 0.7 | <2 | 0.7 | 0.9 | 11 | 22 | 89 | 2.83 | 10 | <1 | 0.61 | 10 | 0.89 | 516 | 6 | 0.03 | 36 | 410 | 36 | 0.71 | 18 | 4 | 30 | 0.05 | <10 | <10 | 36 | <10 | 85 |
| M322359 | 0.015 | 0.5 | 1.27 | 388 | 10 | 230 | 0.5 | <2 | 0.75 | 2.8 | 7 | 18 | 67 | 2.5 | <10 | <1 | 0.37 | 10 | 0.72 | 347 | 8 | 0.05 | 24 | 410 | 22 | 0.88 | 17 | 3 | 41 | 0.01 | <10 | <10 | 31 | <10 | 247 |
| M322360 | 0.033 | 0.6 | 1.14 | 170 | 10 | 170 | 0.6 | <2 | 1.09 | <0.5 | 9 | 17 | 101 | 2.54 | <10 | <1 | 0.43 | 10 | 0.64 | 294 | 11 | 0.02 | 35 | 460 | 14 | 1.1 | 14 | 3 | 42 | 0.01 | <10 | <10 | 32 | <10 | 38 |
| M322361 | 0.059 | 0.7 | 1.06 | 1030 | 10 | 40 | 0.6 | <2 | 0.66 | <0.5 | 10 | 17 | 83 | 3.95 | <10 | <1 | 0.4 | 10 | 0.58 | 211 | 11 | 0.01 | 36 | 420 | 33 | 2.65 | 22 | 3 | 23 | 0.01 | <10 | <10 | 28 | <10 | 33 |
| M322362 | 0.007 | 0.3 | 1.64 | 26 | 10 | 320 | 0.7 | <2 | 0.54 | <0.5 | 9 | 23 | 72 | 2.59 | 10 | <1 | 0.51 | 10 | 0.89 | 266 | 7 | 0.04 | 35 | 370 | 4 | 0.62 | 9 | 4 | 23 | 0.03 | <10 | <10 | 42 | <10 | 33 |
| M322363 | 0.012 | 0.2 | 1.75 | 58 | <10 | 250 | 0.8 | <2 | 0.97 | 0.6 | 9 | 27 | 66 | 2.56 | 10 | <1 | 0.48 | 10 | 0.9 | 237 | 8 | 0.09 | 37 | 370 | 6 | 0.85 | 11 | 5 | 62 | 0.04 | <10 | <10 | 54 | <10 | 89 |
| M322364 | 0.057 | <0.2 | 1.49 | 8 | <10 | 120 | <0.5 | 5 | 1.71 | 0.6 | 12 | 30 | 72 | 3.97 | 10 | <1 | 0.11 | 10 | 1.31 | 396 | 2 | 0.1 | 16 | 1900 | 8 | 1.64 | 9 | 5 | 70 | 0.2 | <10 | <10 | 77 | <10 | 87 |
| M322365 | 0.01 | 0.2 | 1.64 | 46 | <10 | 260 | 0.8 | <2 | 0.55 | <0.5 | 9 | 31 | 71 | 2.47 | 10 | <1 | 0.51 | 10 | 0.93 | 216 | 9 | 0.07 | 38 | 380 | 5 | 0.8 | 9 | 5 | 42 | 0.03 | <10 | <10 | 56 | <10 | 29 |
| M322366 | 0.011 | <0.2 | 1.46 | 25 | <10 | 270 | 0.6 | <2 | 0.77 | <0.5 | 9 | 25 | 80 | 2.4 | 10 | <1 | 0.48 | 10 | 0.83 | 251 | 8 | 0.03 | 36 | 350 | 2 | 0.81 | 10 | 4 | 22 | 0.02 | <10 | <10 | 43 | <10 | 24 |
| M322367 | 0.009 | 0.2 | 1.68 | 30 | <10 | 340 | 0.7 | <2 | 0.22 | <0.5 | 9 | 27 | 75 | 2.46 | 10 | <1 | 0.58 | 10 | 0.82 | 313 | 7 | 0.03 | 35 | 330 | 5 | 0.61 | 11 | 5 | 13 | 0.04 | <10 | <10 | 47 | <10 | 32 |
| M322368 | 0.012 | 0.2 | 1.44 | 41 | <10 | 310 | 0.6 | <2 | 0.28 | <0.5 | 9 | 22 | 80 | 2.43 | 10 | <1 | 0.5 | 10 | 0.77 | 293 | 10 | 0.03 | 37 | 340 | 3 | 0.78 | 7 | 4 | 13 | 0.02 | <10 | <10 | 41 | <10 | 37 |
| M322369 | 0.008 | 0.2 | 1.64 | 27 | <10 | 370 | 0.7 | <2 | 1.01 | <0.5 | 10 | 27 | 76 | 2.59 | 10 | <1 | 0.51 | 10 | 0.85 | 424 | 6 | 0.03 | 36 | 350 | 3 | 0.65 | 7 | 5 | 25 | 0.03 | <10 | <10 | 46 | <10 | 51 |
| M322370 | 0.014 | 0.3 | 1.56 | 23 | <10 | 250 | 0.7 | <2 | 0.76 | <0.5 | 9 | 23 | 100 | 2.61 | 10 | <1 | 0.38 | 10 | 0.87 | 301 | 8 | 0.05 | 32 | 290 | 4 | 0.91 | 5 | 4 | 29 | 0.01 | <10 | <10 | 37 | <10 | 49 |
| M322371 | 0.015 | 0.2 | 1.51 | 31 | <10 | 310 | 0.7 | <2 | 0.45 | <0.5 | 9 | 21 | 83 | 2.5 | <10 | <1 | 0.45 | 10 | 0.87 | 310 | 8 | 0.02 | 33 | 310 | 4 | 0.79 | 7 | 4 | 17 | 0.01 | <10 | <10 | 35 | <10 | 34 |
| M322372 | 0.008 | 0.2 | 1.7 | 63 | <10 | 150 | 0.7 | <2 | 0.86 | <0.5 | 11 | 17 | 139 | 3.1 | 10 | <1 | 0.49 | 10 | 1.06 | 227 | 6 | 0.04 | 37 | 400 | 6 | 1.46 | 36 | 3 | 28 | 0.01 | <10 | <10 | 32 | <10 | 30 |
| M322373 | 0.02 | 0.4 | 1.22 | 207 | <10 | 230 | 0.6 | <2 | 0.66 | <0.5 | 9 | 20 | 166 | 2.36 | <10 | <1 | 0.54 | 10 | 0.73 | 241 | 8 | 0.02 | 38 | 340 | 17 | 0.99 | 30 | 4 | 24 | 0.02 | <10 | <10 | 40 | <10 | 55 |
| M322374 | 0.019 | 0.3 | 1.8 | 82 | <10 | 140 | 0.6 | <2 | 0.66 | <0.5 | 11 | 22 | 158 | 2.66 | 10 | <1 | 0.49 | 10 | 0.98 | 208 | 10 | 0.05 | 34 | 420 | 4 | 1.22 | 16 | 4 | 28 | 0.01 | <10 | <10 | 46 | <10 | 32 |
| M322375 | 0.01 | 0.4 | 2.02 | 93 | <10 | 230 | 0.6 | <2 | 0.73 | <0.5 | 11 | 29 | 199 | 2.96 | 10 | <1 | 0.65 | 10 | 1.15 | 190 | 4 | 0.12 | 30 | 490 | 9 | 1.12 | 19 | 7 | 42 | 0.06 | <10 | <10 | 66 | <10 | 30 |
| M322376 | 0.016 | 1.2 | 1.69 | 255 | <10 | 280 | 0.6 | <2 | 0.62 | 0.5 | 10 | 27 | 154 | 2.58 | 10 | 1 | 0.43 | 10 | 0.96 | 211 | 9 | 0.06 | 36 | 380 | 384 | 0.87 | 263 | 5 | 28 | 0.02 | <10 | <10 | 47 | <10 | 46 |
| M322377 | 0.011 | 0.8 | 1.54 | 316 | <10 | 200 | 0.5 | <2 | 1.22 | 0.5 | 10 | 22 | 118 | 2.82 | 10 | <1 | 0.42 | 10 | 1 | 347 | 6 | 0.03 | 31 | 620 | 29 | 1.43 | 34 | 4 | 47 | 0.03 | <10 | <10 | 44 | <10 | 75 |
| M322378 | 0.008 | 1.3 | 1.31 | 132 | 10 | 250 | 0.6 | <2 | 0.78 | <0.5 | 9 | 19 | 130 | 2.25 | <10 | <1 | 0.47 | 10 | 0.66 | 246 | 7 | 0.02 | 37 | 340 | 9 | 1.13 | 17 | 3 | 31 | 0.01 | <10 | <10 | 30 | <10 | 32 |
| M322379 | 0.059 | 1.8 | 1.4 | 807 | <10 | 90 | 0.6 | 2 | 0.86 | 8.8 | 11 | 18 | 184 | 3.19 | <10 | <1 | 0.49 | 10 | 0.86 | 313 | 10 | 0.02 | 38 | 410 | 94 | 2.17 | 35 | 3 | 35 | 0.01 | <10 | <10 | 30 | <10 | 1145 |
| M322380 | 0.016 | 1.2 | 1.36 | 154 | 10 | 240 | 0.5 | <2 | 0.64 | <0.5 | 12 | 19 | 190 | 2.44 | <10 | <1 | 0.47 | 10 | 0.83 | 192 | 57 | 0.03 | 36 | 310 | 2 | 1.24 | 4 | 3 | 41 | 0.01 | <10 | <10 | 33 | <10 | 27 |
| M322381 | 0.012 | 0.3 | 0.74 | 145 | <10 | 140 | 0.5 | 2 | 2.82 | 0.5 | 9 | 12 | 14 | 3.04 | <10 | <1 | 0.31 | 30 | 1.03 | 536 | 2 | 0.06 | 24 | 1450 | 17 | 1.8 | 7 | 3 | 316 | <0.01 | <10 | <10 | 26 | <10 | 93 |
| M322382 | 0.006 | <0.2 | 0.72 | 82 | 10 | 130 | 0.5 | 2 | 2.9 | <0.5 | 9 | 13 | 4 | 3.08 | <10 | <1 | 0.3 | 30 | 1.05 | 604 | 2 | 0.06 | 23 | 1440 | 14 | 1.92 | 6 | 3 | 301 | <0.01 | <10 | <10 | 26 | <10 | 68 |
| M322383 | 0.007 | 0.6 | 1.48 | 10 | <10 | 50 | 0.5 | <2 | 0.72 | <0.5 | 12 | 27 | 134 | 2.88 | 10 | <1 | 0.57 | 10 | 0.95 | 225 | 39 | 0.05 | 34 | 430 | 2 | 1.66 | 4 | 6 | 43 | 0.04 | <10 | <10 | 57 | <10 | 30 |
| M322384 | 0.025 | 1.3 | 1.9 | 1125 | <10 | 160 | 0.5 | <2 | 0.84 | <0.5 | 10 | 30 | 224 | 3.43 | 10 | <1 | 0.53 | 10 | 1.19 | 408 | 7 | 0.05 | 30 | 420 | 7 | 1.35 | 9 | 6 | 33 | 0.04 | <10 | <10 | 60 | <10 | 78 |
| M322385 | 0.053 | 1.7 | 1.32 | 2430 | <10 | 70 | <0.5 | <2 | 0.88 | 1.3 | 15 | 26 | 269 | 2.9 | 10 | <1 | 0.41 | 10 | 0.9 | 330 | 28 | 0.04 | 34 | 340 | 21 | 1.57 | 12 | 5 | 34 | 0.02 | <10 | <10 | 44 | <10 | 195 |
| M322388 | <0.005 | <0.2 | 0.08 | 27 | <10 | 10 | <0.5 | <2 | >25.0 | 0.9 | 1 | 2 | 4 | 0.16 | <10 | 2 | 0.01 | <10 | 0.09 | 81 | 1 | 0.01 | 2 | 120 | 2 | <0.01 | 4 | 1 | 106 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M322389 | <0.005 | <0.2 | 0.09 | 16 | <10 | 40 | <0.5 | <2 | >25.0 | 0.9 | 1 | 5 | 3 | 0.08 | <10 | 2 | 0.02 | <10 | 0.06 | 52 | <1 | 0.01 | 2 | 60 | 2 | <0.01 | 3 | 1 | 198 | <0.01 | <10 | <10 | 2 | <10 | 17 |
| M322390 | <0.005 | 0.7 | 0.05 | 33 | <10 | 10 | <0.5 | 3 | >25.0 | 1.7 | 1 | 4 | 18 | 0.32 | <10 | 4 | <0.01 | <10 | 0.07 | 90 | <1 | 0.03 | 3 | 50 | 227 | <0.01 | 7 | 1 | 223 | <0.01 | <10 | <10 | 2 | <10 | 35 |
| M322391 | <0.005 | <0.2 | 0.03 | 51 | <10 | 10 | <0.5 | <2 | >25.0 | 0.8 | <1 | 3 | 3 | 0.29 | <10 | 6 | <0.01 | <10 | 0.06 | 89 | <1 | 0.01 | 3 | 80 | 4 | <0.01 | 7 | 1 | 149 | <0.01 | <10 | <10 | 3 | <10 | 19 |
| M322392 | <0.005 | <0.2 | 0.03 | 19 | <10 | 10 | <0.5 | <2 | >25.0 | 1.2 | 1 | 3 | 3 | 0.16 | <10 | 3 | 0.01 | <10 | 0.06 | 57 | <1 | 0.01 | 3 | 140 | 2 | <0.01 | 4 | 1 | 234 | <0.01 | <10 | <10 | 3 | <10 | 13 |
| M322393 | <0.005 | <0.2 | 0.02 | 5 | <10 | 10 | <0.5 | <2 | >25.0 | 0.7 | <1 | 2 | 1 | 0.06 | <10 | 1 | <0.01 | <10 | 0.05 | 39 | <1 | 0.01 | 1 | 90 | 4 | <0.01 | 2 | <1 | 162 | <0.01 | <10 | <10 | 2 | <10 | 10 |
| M322394 | <0.005 | <0.2 | 0.02 | 4 | <10 | 10 | <0.5 | <2 | >25.0 | 0.5 | <1 | 3 | 1 | 0.06 | <10 | 1 | <0.01 | <10 | 0.05 | 55 | <1 | 0.01 | <1 | 40 | 5 | <0.01 | <2 | <1 | 1020 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M322395 | <0.005 | <0.2 | 0.03 | 2 | <10 | <10 | <0.5 | <2 | >25.0 | 0.8 | 1 | 3 | 1 | 0.04 | <10 | 2 | <0.01 | <10 | 0.05 | 33 | <1 | 0.01 | <1 | 110 | 2 | <0.01 | 2 | 1 | 141 | <0.01 | <10 | <10 | 1 | <10 | 12 |
| M322396 | <0.005 | <0.2 | 0.04 | 23 | <10 | 10 | <0.5 | <2 | >25.0 | 1.1 | <1 | 5 | 2 | 0.15 | <10 | 4 | <0.01 | <10 | 0.05 | 42 | <1 | 0.01 | 2 | 200 | 4 | <0.01 | 6 | 1 | 150 | <0.01 | <10 | <10 | 1 | <10 | 17 |
| M322397 | <0.005 | 0.2 | 0.03 | 10 | <10 | 10 | <0.5 | <2 | >25.0 | 0.7 | <1 | 2 | 2 | 0.06 | <10 | 3 | <0.01 | <10 | 0.04 | 34 | <1 | 0.01 | <1 | 140 | 4 | <0.01 | <2 | 1 | 141 | <0.01 | <10 | <10 | 1 | <10 | 9 |
| M322398 | <0.005 | <0.2 | 0.02 | 120 | <10 | <10 | <0.5 | <2 | >25.0 | 0.9 | 1 | 2 | 1 | 0.97 | <10 | 5 | <0.01 | <10 | 0.04 | 39 | <1 | 0.01 | 2 | 50 | 4 | 1.3 | 7 | 1 | 96 | <0.01 | <10 | <10 | 1 | <10 | 13 |
| M322399 | <0.005 | <0.2 | 0.03 | 45 | <10 | <10 | <0.5 | <2 | >25.0 | 0.9 | <1 | 3 | 2 | 0.27 | <10 | 4 | <0.01 | <10 | 0.04 | 52 | <1 | 0.01 | 2 | 80 | 3 | <0.01 | 4 | 1 | 106 | <0.01 | <10 | <10 | 2 | <10 | 12 |
| M322400 | <0.005 | 0.2 | 0.1 | 93 | <10 | 10 | <0.5 | <2 | >25.0 | 1.1 | <1 | 4 | 3 | 0.62 | <10 | 8 | 0.01 | <10 | 0.04 | 41 | <1 | 0.01 | 3 | 100 | 4 | 0.7 | 7 | 1 | 121 | <0.01 | <10 | <10 | 3 | <10 | 25 |
| M322401 | 0.005 | 0.2 | 0.19 | 8 | <10 | 10 | <0.5 | <2 | >25.0 | 0.7 | 1 | 4 | 9 | 0.41 | <10 | 10 | 0.01 | 10 | 0.06 | 85 | <1 | 0.01 | 5 | 240 | 5 | <0.01 | 49 | 1 | 203 | <0.01 | <10 | <10 | 4 | <10 | 39 |
| M322402 | <0.005 | 0.2 | 0.06 | 27 | <10 | 10 | <0.5 | <2 | >25.0 | 0.8 | <1 | 4 | 5 | 0.26 | <10 | 7 | <0.01 | <10 | 0.06 | 67 | <1 | 0.01 | 3 | 190 | 2 | <0.01 | 21 | 1 | 181 | <0.01 | <10 | <10 | 3 | <10 | 32 |
| M322403 | <0.005 | <0.2 | 0.05 | 9 | <10 | 10 | <0.5 | <2 | >25.0 | 0.6 | <1 | 4 | 2 | 0.09 | <10 | 6 | <0.01 | <10 | 0.07 | 62 | <1 | 0.01 | 2 | 190 | 4 | <0.01 | 5 | 1 | 170 | <0.01 | <10 | <10 | 2 | <10 | 13 |
| M322404 | 0.007 | 0.2 | 0.13 | 9 | 10 | 10 | <0.5 | <2 | >25.0 | 1.2 | <1 | 3 | 3 | 0.15 | <10 | 8 | 0.02 | <10 | 0.06 | 96 | <1 | 0.01 | 3 | 110 | 5 | <0.01 | 10 | 1 | 103 | <0.01 | <10 | <10 | 2 | <10 | 44 |
| M322405 | 0.011 | 0.2 | 0.14 | 19 | <10 | 10 | <0.5 | <2 | >25.0 | 1.1 | <1 | 4 | 5 | 0.22 | <10 | 6 | 0.02 | <10 | 0.07 | 75 | <1 | 0.01 | 6 | 130 | 3 | <0.01 | 10 | 1 | 122 | <0.01 | <10 | <10 | 3 | <10 | 47 |
| M322406 | <0.005 | 0.2 | 0.04 | 7 | <10 | 10 | <0.5 | <2 | >25.0 | 0.7 | <1 | 2 | 2 | 0.06 | <10 | 4 | 0.01 | <10 | 0.08 | 43 | <1 | 0.01 | 1 | 70 | 4 | <0.01 | 3 | <1 | 178 | <0.01 | <10 | <10 | 1 | <10 | 15 |
| M322407 | <0.005 | <0.2 | 0.06 | 23 | <10 | 10 | <0.5 | <2 | >25.0 | 0.8 | <1 | 4 | 2 | 0.17 | <10 | 6 | 0.01 | <10 | 0.06 | 160 | <1 | 0.01 | 3 | 140 | 4 | <0.01 | 10 | 1 | 110 | <0.01 | <10 | <10 | 2 | <10 | 21 |
| M322408 | <0.005 | <0.2 | 0.04 | 22 | <10 | 10 | <0.5 | <2 | >25.0 | 1 | <1 | 2 | 2 | 0.33 | <10 | 8 | 0.01 | <10 | 0.06 | 335 | <1 | 0.01 | 5 | 60 | 4 | <0.01 | 7 | 1 | 74 | <0.01 | <10 | <10 | 3 | <10 | 51 |
| M322409 | <0.005 | 0.2 | 0.17 | 15 | <10 | 20 | <0.5 | <2 | >25.0 | 1 | 1 | 3 | 5 | 0.43 | <10 | 4 | 0.05 | <10 | 0.08 | 50 | <1 | 0.01 | 12 | 100 | 7 | 0.5 | 10 | 1 | 126 | <0.01 | <10 | <10 | 3 | <10 | 49 |
| M322410 | 0.007 | 0.2 | 0.13 | 25 | <10 | 20 | <0.5 | <2 | >25.0 | 0.8 | 1 | 3 | 4 | 0.22 | <10 | 3 | 0.04 | <10 | 0.08 | 104 | <1 | 0.01 | 9 | 70 | 6 | <0.01 | 5 | 1 | 149 | <0.01 | <10 | <10 | 3 | <10 | 44 |
| M322411 | <0.005 | 0.2 | 0.25 | 12 | <10 | 120 | <0.5 | <2 | >25.0 | <0.5 | 3 | 8 | 8 | 0.49 | <10 | 3 | 0.05 | <10 | 0.89 | 101 | <1 | 0.02 | 16 | 130 | 4 | <0.01 | 2 | 2 | 148 | <0.01 | <10 | <10 | 9 | <10 | 22 |
| M322412 | <0.005 | <0.2 | 1.34 | 74 | 10 | 140 | <0.5 | <2 | 11.15 | <0.5 | 21 | 236 | 28 | 2.67 | <10 | 2 | 0.14 | <10 | 7.41 | 463 | 3 | 0.04 | 336 | 380 | 5 | 0.43 | <2 | 6 | 191 | <0.01 | <10 | <10 | 45 | <10 | 56 |
| M322413 | <0.005 | <0.2 | 0.96 | 23 | 20 | 70 | 0.6 | <2 | 5.08 | 3.2 | 13 | 28 | 64 | 3.54 | <10 | 1 | 0.24 | <10 | 2.19 | 548 | 13 | 0.04 | 60 | 490 | 10 | 1.56 | <2 | 10 | 224 | <0.01 | <10 | <10 | 109 | <10 | 399 |
| M322414 | <0.005 | 0.2 | 0.83 | 27 | 20 | 40 | 0.7 | <2 | 4.86 | 2.3 | 12 | 20 | 66 | 3.34 | <10 | <1 | 0.32 | <10 | 1.54 | 469 | 14 | 0.04 | 75 | 600 | 12 | 1.86 | 2 | 8 | 293 | <0.01 | <10 | <10 | 65 | <10 | 321 |
| M322415 | 0.007 | 0.2 | 0.77 | 22 | 20 | 80 | 0.7 | <2 | 2.95 | 2.2 | 11 | 15 | 56 | 3.61 | <10 | 1 | 0.32 | <10 | 1.26 | 400 | 13 | 0.05 | 58 | 390 | 14 | 1.39 | 2 | 8 | 196 | <0.01 | <10 | <10 | 53 | <10 | 286 |
| M322416 | <0.005 | <0.2 | 0.72 | 5 | 20 | 360 | 0.5 | <2 | 2.85 | <0.5 | 9 | 16 | 24 | 3.07 | <10 | <1 | 0.29 | 10 | 1.26 | 489 | 2 | 0.07 | 47 | 950 | 11 | 0.52 | <2 | 5 | 202 | <0.01 | <10 | <10 | 33 | <10 | 105 |
| M322417 | <0.005 | 0.2 | 0.78 | 15 | 30 | 120 | 0.7 | <2 | 3.47 | 1.8 | 13 | 33 | 55 | 3.49 | <10 | <1 | 0.34 | <10 | 1.74 | 466 | 7 | 0.06 | 100 | 350 | 11 | 1.37 | <2 | 9 | 263 | <0.01 | <10 | <10 | 53 | <10 | 249 |
| M322418 | <0.005 | <0.2 | 0.81 | 10 | 30 | 140 | 0.9 | <2 | 4.84 | <0.5 | 21 | 45 | 72 | 4.12 | <10 | 1 | 0.35 | 10 | 2.32 | 668 | 9 | 0.07 | 89 | 1330 | 12 | 0.77 | 2 | 14 | 518 | <0.01 | <10 | <10 | 87 | <10 | 127 |
| M322419 | <0.005 | <0.2 | 1.12 | 15 | 20 | 60 | 1 | <2 | 5.07 | 0.9 | 24 | 85 | 88 | 4.55 | <10 | 1 | 0.69 | 10 | 3.19 | 736 | 15 | 0.08 | 120 | 1580 | 10 | 1.06 | <2 | 16 | 805 | 0.05 | <10 | <10 | 132 | <10 | 181 |
| M322420 | 0.007 | 0.2 | 0.79 | 30 | 30 | 40 | 0.7 | <2 | 4.31 | 1.6 | 17 | 39 | 67 | 3.69 | <10 | 1 | 0.33 | <10 | 1.56 | 497 | 28 | 0.06 | 152 | 670 | 12 | 1.96 | 3 | 9 | 360 | <0.01 | <10 | <10 | 76 | <10 | 271 |

## Appendix V

## 2005 Soil Geochemistry - Certificates of Analysis

VA05058856 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 190
DATE RECEIVED : 2005-07-18 DATE FINALIZED : 2005-07-28
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L0S 15+50W | <0.005 | 0.2 | 2.88 | 33 | <10 | 190 | 0.5 | <2 | 0.07 | <0.5 | 18 | 167 | 63 | 6.61 | 10 | <1 | 0.05 | 20 | 0.89 | 469 | 7 | 0.01 | 160 | 2530 | 17 | 0.01 | 6 | 4 | 5 | 0.01 | <10 | <10 | 89 | <10 | 100 |
| L0S 16+00W | <0.005 | <0.2 | 3.46 | 25 | <10 | 160 | 1.4 | <2 | 0.13 | 2 | 17 | 105 | 24 | 5.03 | 10 | 1 | 0.04 | 20 | 0.46 | 548 | 19 | 0.01 | 59 | 1530 | 22 | 0.02 | 5 | 4 | 8 | 0.03 | <10 | <10 | 97 | <10 | 239 |
| L0S 16+50W | <0.005 | 0.4 | 2.29 | 32 | <10 | 180 | 0.5 | <2 | 0.65 | 0.9 | 6 | 25 | 33 | 3.75 | 10 | 1 | 0.06 | 20 | 0.29 | 384 | 5 | 0.01 | 26 | 5290 | 18 | 0.01 | 4 | 4 | 16 | 0.01 | <10 | <10 | 50 | <10 | 188 |
| L0S 17+00W | <0.005 | 0.7 | 2.57 | 43 | <10 | 480 | 1.2 | 2 | 1.99 | 5.8 | 11 | 117 | 50 | 3.51 | 10 | <1 | 0.11 | 80 | 0.42 | 2320 | 9 | 0.02 | 59 | 9220 | 34 | 0.02 | 8 | 6 | 25 | 0.02 | <10 | <10 | 142 | <10 | 584 |
| L0S 17+50W | <0.005 | 0.2 | 1.73 | 50 | <10 | 100 | <0.5 | 3 | 0.09 | <0.5 | 4 | 25 | 25 | 2.56 | 10 | <1 | 0.05 | 20 | 0.36 | 231 | 4 | 0.01 | 17 | 710 | 24 | <0.01 | 10 | 2 | 7 | 0.03 | <10 | <10 | 67 | <10 | 148 |
| L0S 18+00W | <0.005 | <0.2 | 1.86 | 182 | <10 | 120 | <0.5 | 5 | 0.1 | 0.9 | 5 | 33 | 43 | 4.56 | 10 | 1 | 0.08 | 10 | 0.45 | 271 | 7 | 0.01 | 20 | 1380 | 74 | 0.02 | 34 | 2 | 8 | 0.03 | <10 | <10 | 58 | <10 | 283 |
| L0S 18+50W | 0.009 | 0.3 | 1.74 | 84 | <10 | 110 | <0.5 | <2 | 0.05 | <0.5 | 4 | 21 | 58 | 4.56 | 10 | <1 | 0.05 | 10 | 0.3 | 173 | 10 | 0.01 | 19 | 1050 | 20 | 0.02 | 9 | 2 | 8 | 0.02 | <10 | <10 | 74 | <10 | 100 |
| L0S 19+00W | <0.005 | <0.2 | 2.59 | 52 | <10 | 180 | 1 | <2 | 1.01 | 2.3 | 11 | 42 | 33 | 3.59 | 10 | <1 | 0.05 | 30 | 0.62 | 562 | 3 | 0.01 | 32 | 4130 | 35 | <0.01 | 15 | 5 | 23 | 0.02 | <10 | <10 | 69 | <10 | 170 |
| L0S 19+50W | 0.007 | 0.2 | 2.08 | 17 | <10 | 200 | <0.5 | <2 | 0.14 | 1 | 4 | 22 | 30 | 3.64 | 10 | <1 | 0.06 | 10 | 0.36 | 190 | 5 | <0.01 | 11 | 650 | 12 | 0.03 | 3 | 3 | 7 | 0.03 | <10 | <10 | 71 | <10 | 69 |
| L0S 20+00W | 0.005 | 1 | 1.9 | 30 | <10 | 300 | <0.5 | <2 | 0.31 | 2.2 | 8 | 30 | 59 | 3.97 | 10 | <1 | 0.08 | 10 | 0.45 | 773 | 12 | <0.01 | 30 | 1710 | 18 | 0.05 | 6 | 1 | 22 | 0.02 | <10 | <10 | 68 | <10 | 346 |
| L0S 20+50W | <0.005 | 0.2 | 1.47 | 17 | <10 | 120 | <0.5 | <2 | 0.11 | 0.6 | 3 | 19 | 34 | 3.15 | 10 | <1 | 0.06 | 10 | 0.36 | 200 | 3 | <0.01 | 10 | 880 | 13 | 0.05 | 3 | <1 | 8 | 0.02 | <10 | <10 | 66 | <10 | 58 |
| L0S 21+00W | <0.005 | 0.4 | 1.9 | 24 | <10 | 90 | <0.5 | <2 | 0.05 | <0.5 | 5 | 25 | 42 | 3.7 | 10 | <1 | 0.06 | 10 | 0.47 | 360 | 3 | <0.01 | 13 | 850 | 13 | 0.04 | 4 | 1 | 6 | 0.02 | <10 | <10 | 63 | <10 | 64 |
| L0S 21+50W | 0.006 | 0.6 | 1.63 | 32 | <10 | 80 | <0.5 | <2 | 0.05 | <0.5 | 3 | 19 | 37 | 2.72 | 10 | <1 | 0.06 | 10 | 0.32 | 168 | 4 | <0.01 | 11 | 590 | 18 | 0.05 | 6 | 1 | 6 | 0.02 | <10 | <10 | 61 | <10 | 49 |
| L0S 22+00W | 0.031 | 0.3 | 1.76 | 36 | <10 | 200 | <0.5 | 2 | 0.11 | 0.6 | 8 | 18 | 79 | 3.32 | 10 | <1 | 0.07 | 20 | 0.4 | 299 | 7 | <0.01 | 26 | 850 | 21 | 0.06 | 5 | 1 | 15 | 0.01 | <10 | <10 | 47 | <10 | 119 |
| L0S 22+50W | <0.005 | 0.3 | 2.03 | 21 | <10 | 190 | 0.5 | <2 | 0.22 | 0.6 | 11 | 24 | 66 | 3.02 | 10 | <1 | 0.07 | 10 | 0.69 | 515 | 4 | <0.01 | 20 | 750 | 15 | 0.05 | 3 | 1 | 23 | 0.01 | <10 | <10 | 50 | <10 | 118 |
| L0S 23+00W | <0.005 | 0.3 | 1.56 | 40 | <10 | 120 | <0.5 | <2 | 0.08 | 0.5 | 3 | 20 | 36 | 2.73 | 10 | <1 | 0.06 | 10 | 0.37 | 158 | 4 | <0.01 | 13 | 390 | 17 | 0.04 | 5 | 1 | 11 | 0.02 | <10 | <10 | 52 | <10 | 50 |
| L0S 23+50W | 0.005 | <0.2 | 2 | 43 | <10 | 100 | <0.5 | <2 | 0.04 | <0.5 | 6 | 28 | 54 | 4.24 | 10 | <1 | 0.08 | 10 | 0.62 | 312 | 6 | <0.01 | 23 | 790 | 18 | 0.05 | 5 | 2 | 8 | 0.02 | <10 | <10 | 61 | <10 | 85 |
| L0S 24+00W | 0.01 | 0.2 | 1.16 | 14 | <10 | 130 | <0.5 | 2 | 0.07 | <0.5 | 4 | 15 | 32 | 2.74 | 10 | <1 | 0.07 | 10 | 0.24 | 196 | 4 | 0.01 | 13 | 680 | 11 | 0.03 | <2 | <1 | 9 | 0.01 | <10 | <10 | 40 | <10 | 54 |
| L0S 24+50W | <0.005 | 0.3 | 1.25 | 12 | <10 | 60 | <0.5 | <2 | 0.06 | <0.5 | 4 | 15 | 28 | 2.64 | 10 | <1 | 0.05 | 10 | 0.21 | 201 | 4 | 0.01 | 10 | 760 | 8 | 0.02 | <2 | 1 | 5 | 0.02 | <10 | <10 | 56 | <10 | 40 |
| L0S 25+00W | <0.005 | 0.4 | 1.46 | 11 | <10 | 220 | <0.5 | <2 | 0.22 | 0.6 | 8 | 19 | 44 | 3.33 | 10 | <1 | 0.08 | 10 | 0.39 | 829 | 4 | <0.01 | 15 | 720 | 9 | 0.02 | <2 | 1 | 29 | 0.01 | <10 | <10 | 41 | <10 | 79 |
| L1S 15+50W | <0.005 | 0.7 | 3.32 | 20 | <10 | 160 | 1.6 | <2 | 1.97 | 9.1 | 13 | 146 | 22 | 3.58 | <10 | 1 | 0.04 | 80 | 0.54 | 1190 | 2 | 0.01 | 34 | 6710 | 52 | 0.03 | 5 | 5 | 22 | 0.04 | <10 | <10 | 136 | <10 | 561 |
| L1S 16+00W | <0.005 | 1 | 2.13 | 25 | <10 | 440 | 0.7 | <2 | 0.73 | 3.8 | 16 | 33 | 41 | 3.37 | <10 | <1 | 0.08 | 10 | 0.51 | 4820 | 10 | 0.01 | 35 | 1060 | 30 | 0.03 | 2 | 3 | 27 | 0.02 | <10 | 10 | 50 | <10 | 257 |
| L1S 16+50W | <0.005 | 0.8 | 2.11 | 31 | <10 | 750 | 0.8 | <2 | 0.53 | 2.9 | 16 | 25 | 61 | 3.6 | <10 | 1 | 0.1 | 10 | 0.32 | 4000 | 10 | 0.01 | 39 | 1300 | 26 | 0.04 | 2 | 4 | 22 | 0.01 | 10 | <10 | 46 | <10 | 233 |
| L1S 17+00W | <0.005 | 1.8 | 1.48 | 39 | <10 | 410 | 0.7 | <2 | 0.78 | 3.2 | 8 | 18 | 30 | 2.76 | <10 | 1 | 0.09 | 30 | 0.18 | 1380 | 5 | 0.01 | 23 | 1470 | 25 | 0.05 | 3 | 2 | 31 | 0.01 | <10 | <10 | 35 | <10 | 262 |
| L1S 17+50W | 0.01 | 0.3 | 1.19 | 70 | <10 | 110 | <0.5 | 2 | 0.07 | 0.5 | 4 | 16 | 33 | 3.18 | 10 | 1 | 0.05 | 20 | 0.14 | 107 | 8 | 0.01 | 12 | 580 | 30 | <0.01 | 12 | 1 | 5 | 0.04 | <10 | <10 | 63 | <10 | 158 |
| L1S 18+00W | <0.005 | 0.6 | 1.72 | 170 | <10 | 120 | <0.5 | 3 | 0.03 | <0.5 | 3 | 17 | 39 | 4.86 | 10 | 1 | 0.06 | 10 | 0.3 | 140 | 10 | 0.01 | 15 | 960 | 88 | 0.03 | 52 | 2 | 7 | 0.02 | <10 | <10 | 51 | <10 | 103 |
| L1S 18+50W | <0.005 | 0.3 | 1.52 | 44 | <10 | 80 | <0.5 | <2 | 0.12 | <0.5 | 4 | 20 | 25 | 3.61 | 10 | <1 | 0.04 | 10 | 0.29 | 168 | 3 | 0.01 | 12 | 1220 | 21 | 0.01 | 3 | 1 | 6 | 0.04 | <10 | <10 | 75 | <10 | 51 |
| L1S 19+00W | <0.005 | 0.3 | 1.58 | 33 | <10 | 160 | <0.5 | <2 | 0.14 | 0.7 | 5 | 18 | 42 | 4.1 | 10 | <1 | 0.06 | 10 | 0.28 | 170 | 7 | 0.01 | 13 | 690 | 13 | 0.02 | <2 | 2 | 11 | 0.02 | <10 | <10 | 70 | <10 | 69 |
| L1S 19+50W | <0.005 | 0.2 | 1.36 | 16 | <10 | 160 | <0.5 | <2 | 0.13 | 0.5 | 5 | 19 | 36 | 3.88 | 10 | 1 | 0.07 | 10 | 0.29 | 290 | 5 | 0.01 | 12 | 740 | 11 | 0.03 | <2 | 1 | 11 | 0.03 | <10 | <10 | 73 | <10 | 61 |
| L1S 20+00W | 0.017 | <0.2 | 0.99 | 26 | <10 | 240 | <0.5 | <2 | 0.19 | <0.5 | 3 | 14 | 24 | 2.05 | 10 | <1 | 0.06 | 10 | 0.23 | 192 | 3 | 0.01 | 8 | 800 | 14 | 0.04 | <2 | <1 | 19 | 0.01 | <10 | <10 | 46 | <10 | 42 |
| L1S 20+50W | <0.005 | 0.4 | 1.54 | 25 | <10 | 190 | <0.5 | <2 | 0.11 | <0.5 | 5 | 21 | 31 | 3.16 | 10 | <1 | 0.06 | 10 | 0.41 | 206 | 4 | 0.01 | 14 | 620 | 10 | 0.03 | <2 | 1 | 12 | 0.02 | <10 | <10 | 56 | <10 | 54 |
| L1S 21+00W | <0.005 | 0.5 | 2.08 | 14 | <10 | 60 | <0.5 | <2 | 0.12 | <0.5 | 6 | 28 | 40 | 4.34 | 10 | <1 | 0.04 | 10 | 0.56 | 441 | 3 | 0.01 | 19 | 1110 | 9 | 0.01 | <2 | 1 | 5 | 0.03 | <10 | <10 | 68 | <10 | 72 |
| L1S 21+50W | <0.005 | 0.3 | 2.23 | 19 | <10 | 250 | <0.5 | <2 | 0.11 | <0.5 | 12 | 24 | 45 | 3.3 | 10 | <1 | 0.06 | 10 | 0.58 | 1145 | 5 | 0.01 | 16 | 1000 | 19 | 0.03 | <2 | 1 | 15 | 0.01 | <10 | <10 | 62 | <10 | 112 |
| L1S 22+00W | <0.005 | <0.2 | 1.66 | 19 | <10 | 120 | <0.5 | 2 | 0.07 | <0.5 | 5 | 18 | 36 | 2.32 | 10 | 1 | 0.07 | 10 | 0.46 | 227 | 4 | 0.01 | 14 | 520 | 13 | 0.03 | 2 | 1 | 10 | 0.01 | <10 | <10 | 47 | <10 | 62 |
| L1S 22+50W | <0.005 | 0.2 | 1.94 | 22 | <10 | 150 | <0.5 | <2 | 0.18 | 0.5 | 8 | 22 | 66 | 3.41 | 10 | <1 | 0.05 | 10 | 0.64 | 386 | 5 | 0.01 | 19 | 600 | 13 | 0.03 | <2 | 2 | 22 | 0.01 | <10 | <10 | 54 | <10 | 116 |
| L1S 23+00W | <0.005 | 0.8 | 2.13 | 15 | <10 | 70 | <0.5 | <2 | 0.07 | <0.5 | 6 | 26 | 33 | 3.85 | 10 | 1 | 0.05 | 10 | 0.46 | 252 | 4 | 0.01 | 14 | 1050 | 8 | 0.03 | 2 | 2 | 6 | 0.02 | <10 | <10 | 54 | <10 | 107 |
| L1S 23+50W | <0.005 | 0.3 | 1.88 | 23 | <10 | 70 | <0.5 | <2 | 0.03 | <0.5 | 5 | 22 | 35 | 3.22 | 10 | 1 | 0.06 | 10 | 0.46 | 248 | 4 | 0.01 | 15 | 640 | 12 | 0.02 | 3 | 1 | 6 | 0.02 | <10 | <10 | 50 | <10 | 57 |
| L1S 24+00W | <0.005 | <0.2 | 1.58 | 16 | <10 | 90 | <0.5 | <2 | 0.03 | <0.5 | 4 | 19 | 28 | 2.88 | 10 | <1 | 0.06 | 10 | 0.31 | 517 | 5 | 0.01 | 13 | 640 | 9 | 0.02 | <2 | 1 | 5 | 0.01 | <10 | <10 | 47 | <10 | 53 |
| L1S 24+50W | <0.005 | 0.4 | 1.74 | 22 | <10 | 140 | <0.5 | <2 | 0.04 | <0.5 | 6 | 22 | 48 | 3.92 | 10 | <1 | 0.08 | 10 | 0.52 | 304 | 6 | 0.01 | 21 | 590 | 14 | 0.02 | 2 | 1 | 6 | 0.02 | <10 | <10 | 48 | <10 | 74 |
| L1S 25+00W | <0.005 | 0.6 | 1.62 | 6 | <10 | 80 | <0.5 | <2 | 0.08 | <0.5 | 4 | 19 | 30 | 3.15 | 10 | 1 | 0.04 | 10 | 0.21 | 172 | 3 | 0.01 | 10 | 660 | 7 | 0.03 | <2 | 1 | 5 | 0.02 | <10 | <10 | 57 | <10 | 37 |
| L2S 15+50W | <0.005 | 0.7 | 2.68 | 22 | <10 | 320 | 0.6 | <2 | 0.16 | 0.8 | 14 | 61 | 75 | 4.87 | 10 | 1 | 0.09 | 10 | 0.61 | 463 | 9 | 0.01 | 64 | 1940 | 22 | 0.03 | 3 | 3 | 11 | 0.01 | <10 | <10 | 74 | <10 | 325 |
| L2S 16+00W | <0.005 | 0.4 | 2.53 | 20 | <10 | 790 | 0.8 | <2 | 0.57 | 2.4 | 20 | 115 | 33 | 5.2 | 10 | <1 | 0.09 | 20 | 0.84 | 595 | 15 | 0.01 | 108 | 970 | 15 | 0.01 | <2 | 5 | 16 | 0.01 | <10 | <10 | 94 | <10 | 196 |
| L2S 16+50W | 0.01 | 3.2 | 2.44 | 34 | <10 | 430 | 1.1 | 2 | 0.87 | 5.1 | 23 | 71 | 172 | 3.2 | <10 | 1 | 0.07 | 60 | 0.19 | 3750 | 8 | 0.01 | 164 | 1600 | 27 | 0.05 | 2 | 10 | 34 | 0.01 | <10 | <10 | 49 | <10 | 285 |
| L2S 17+00W | <0.005 | <0.2 | 1.3 | 9 | <10 | 140 | <0.5 | 2 | 0.09 | <0.5 | 4 | 17 | 18 | 1.95 | <10 | <1 | 0.05 | 10 | 0.23 | 173 | 4 | <0.01 | 12 | 640 | 10 | <0.01 | <2 | 1 | 8 | 0.01 | <10 | <10 | 46 | <10 | 51 |
| L2S 17+50W | <0.005 | 0.3 | 1.28 | 72 | <10 | 120 | <0.5 | 2 | 0.13 | <0.5 | 5 | 17 | 41 | 3.71 | 10 | <1 | 0.08 | 20 | 0.16 | 351 | 8 | <0.01 | 15 | 1590 | 40 | 0.03 | 19 | 1 | 9 | 0.01 | <10 | <10 | 59 | <10 | 95 |
| L2S 18+00W | <0.005 | 0.6 | 1.85 | 20 | <10 | 190 | <0.5 | <2 | 0.02 | 0.5 | 4 | 15 | 52 | 4.1 | 10 | 1 | 0.09 | 20 | 0.15 | 140 | 15 | <0.01 | 16 | 1450 | 29 | 0.04 | 4 | 2 | 10 | 0.01 | <10 | <10 | 50 | <10 | 104 |
| L2S 18+50W | 0.014 | 12.4 | 2.68 | 110 | <10 | 200 | 1.1 | <2 | 0.46 | 22 | 15 | 43 | 30 | 3.46 | 10 | <1 | 0.06 | 30 | 0.32 | 5050 | 3 | <0.01 | 26 | 2300 | 431 | 0.03 | 103 | 2 | 14 | 0.02 | <10 | <10 | 77 | <10 | 727 |
| L2S 19+00W | 0.011 | 0.4 | 2.42 | 5 | <10 | 380 | <0.5 | <2 | 0.56 | 0.8 | 7 | 24 | 40 | 4.06 | 10 | <1 | 0.12 | 10 | 0.7 | 646 | 5 | 0.01 | 15 | 1410 | 18 | 0.03 | <2 | 4 | 22 | 0.01 | <10 | <10 | 65 | <10 | 154 |
| L2S 19+50W | 0.005 | 0.7 | 1.88 | 47 | <10 | 190 | <0.5 | <2 | 0.02 | <0.5 | 3 | 18 | 51 | 3.92 | 10 | <1 | 0.06 | 20 | 0.21 | 118 | 10 | 0.02 | 13 | 1310 | 32 | 0.11 | 2 | 2 | 39 | 0.01 | <10 | <10 | 55 | <10 | 77 |
| L2S 20+00W | <0.005 | 0.2 | 2.18 | 20 | <10 | 360 | <0.5 | 2 | 0.22 | <0.5 | 6 | 31 | 46 | 5.12 | 10 | <1 | 0.07 | 10 | 0.7 | 440 | 4 | <0.01 | 20 | 1000 | 14 | 0.02 | 4 | 3 | 25 | 0.04 | <10 | <10 | 77 | <10 | 90 |
| L2S 20+50W | 0.006 | 1.2 | 2.09 | 20 | <10 | 220 | 0.6 | <2 | 0.72 | 0.7 | 7 | 31 | 73 | 2.88 | 10 | <1 | 0.09 | 20 | 0.65 | 511 | 4 | 0.01 | 23 | 1110 | 17 | 0.06 | 7 | 4 | 79 | 0.03 | <10 | <10 | 42 | <10 | 118 |
| L2S 21+00W | <0.005 | 0.6 | 1.56 | 22 | <10 | 130 | <0.5 | <2 | 0.1 | <0.5 | 6 | 15 | 43 | 4.26 | <10 | <1 | 0.06 | 20 | 0.28 | 274 | 6 | <0.01 | 14 | 1340 | 37 | 0.02 | 4 | 1 | 9 | 0.01 | 10 | <10 | 47 | <10 | 134 |
| L2S 21+50W | 0.01 | 0.3 | 1.66 | 24 | <10 | 170 | <0.5 | <2 | 0.14 | <0.5 | 5 | 23 | 46 | 3.45 | 10 | <1 | 0.08 | 10 | 0.56 | 311 | 5 | <0.01 | 19 | 830 | 22 | 0.04 | 5 | 1 | 17 | 0.02 | 10 | <10 | 54 | <10 | 95 |
| L2S 22+00W | <0.005 | 0.2 | 1.96 | 14 | <10 | 140 | <0.5 | <2 | 0.07 | <0.5 | 4 | 23 | 28 | 2.31 | 10 | <1 | 0.06 | 10 | 0.51 | 258 | 3 | <0.01 | 15 | 420 | 17 | 0.02 | 4 | 1 | 9 | 0.02 | <10 | <10 | 47 | <10 | 99 |
| L2S 22+50W | 0.008 | 0.6 | 1.94 | 18 | <10 | 140 | <0.5 | 2 | 0.05 | <0.5 | 5 | 23 | 39 | 2.75 | 10 | <1 | 0.06 | 20 | 0.58 | 275 | 4 | <0.01 | 22 | 550 | 13 | 0.02 | 4 | 2 | 8 | 0.01 | <10 | <10 | 43 | <10 | 83 |
| L2S 23+00W | 0.006 | 0.4 | 2.17 | 28 | <10 | 100 | <0.5 | <2 | 0.04 | <0.5 | 4 | 28 | 39 | 4.18 | 10 | <1 | 0.07 | 10 | 0.58 | 312 | 5 | <0.01 | 18 | 660 | 15 | 0.03 | 6 | 2 | 6 | 0.02 | 10 | <10 | 66 | <10 | 75 |
| L2S 23+50W | 0.012 | 0.2 | 2.22 | 11 | <10 | 100 | <0.5 | <2 | 0.09 | <0.5 | 4 | 25 | 30 | 3.6 | 10 | <1 | 0.07 | 10 | 0.62 | 365 | 4 | <0.01 | 13 | 710 | 13 | 0.02 | <2 | 1 | 5 | 0.03 | 10 | <10 | 63 | <10 | 54 |
| L2S 24+00W | <0.005 | 0.6 | 1.92 | 17 | <10 | 150 | <0.5 | <2 | 0.04 | <0.5 | 6 | 22 | 51 | 3.22 | 10 | <1 | 0.08 | 20 | 0.43 | 373 | 8 | <0.01 | 21 | 670 | 16 | 0.02 | <2 | 1 | 7 | 0.01 | <10 | <10 | 46 | <10 | 89 |
| L2S 24+50W | <0.005 | 0.2 | 1.53 | 7 | <10 | 110 | <0.5 | <2 | 0.06 | <0.5 | 3 | 16 | 20 | 1.8 | 10 | <1 | 0.06 | 20 | 0.44 | 234 | 4 | <0.01 | 14 | 420 | 10 | <0.01 | <2 | 1 | 7 | 0.01 | 10 | <10 | 30 | <10 | 48 |
| L2S 25+00W | <0.005 | <0.2 | 1.46 | 11 | <10 | 110 | <0.5 | <2 | 0.05 | <0.5 | 4 | 16 | 34 | 2.84 | 10 | <1 | 0.06 | 20 | 0.29 | 295 | 6 | <0.01 | 14 | 970 | 11 | 0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 40 | <10 | 55 |
| L3S 15+50W | <0.005 | 0.4 | 1.29 | 25 | <10 | 910 | 0.6 | <2 | 1.08 | 2.6 | 14 | 30 | 68 | 4.3 | <10 | <1 | 0.07 | 20 | 0.16 | 1420 | 13 | <0.01 | 48 | 1410 | 32 | 0.05 | 9 | 5 | 45 | <0.01 | <10 | <10 | 32 | <10 | 227 |
| L3S 16+00W | 0.005 | 0.8 | 0.99 | 22 | <10 | 340 | 0.6 | <2 | 1.22 | 2 | 12 | 21 | 41 | 3.48 | <10 | <1 | 0.05 | 30 | 0.11 | 586 | 17 | <0.01 | 43 | 2840 | 20 | 0.03 | 7 | 5 | 38 | 0.01 | <10 | <10 | 28 | <10 | 180 |
| L3S 16+50W | <0.005 | 0.3 | 1.19 | 62 | <10 | 140 | <0.5 | <2 | 0.09 | 0.5 | 6 | 17 | 46 | 4.26 | 10 | <1 | 0.08 | 10 | 0.12 | 359 | 8 | <0.01 | 17 | 850 | 24 | 0.02 | 8 | 1 | 11 | 0.02 | <10 | <10 | 64 | <10 | 93 |
| L3S 17+00W | <0.005 | 0.8 | 2.68 | 45 | <10 | 200 | 0.5 | <2 | 0.32 | 1.5 | 9 | 36 | 45 | 4.75 | 10 | <1 | 0.09 | 10 | 0.38 | 508 | 4 | <0.01 | 21 | 2520 | 46 | 0.02 | 12 | 3 | 8 | 0.02 | <10 | <10 | 77 | <10 | 210 |
| L3S 17+50W | <0.005 | 0.5 | 1 | 15 | <10 | 160 | <0.5 | <2 | 0.14 | 0.7 | 15 | 10 | 110 | 3.95 | 10 | <1 | 0.08 | 20 | 0.07 | 301 | 17 | <0.01 | 42 | 980 | 21 | 0.01 | 4 | 2 | 11 | <0.01 | <10 | <10 | 36 | <10 | 168 |
| L3S 18+00W | 0.006 | 1.9 | 3.2 | 186 | <10 | 340 | 0.9 | 2 | 0.6 | 3.3 | 16 | 46 | 77 | 5.09 | 10 | <1 | 0.07 | 20 | 0.6 | 424 | 5 | <0.01 | 40 | 1030 | 33 | 0.04 | 5 | 5 | 28 | 0.02 | <10 | <10 | 79 | <10 | 266 |
| L3S 18+50W | <0.005 | 1.4 | 2.41 | 19 | <10 | 200 | 0.5 | <2 | 0.21 | 0.6 | 9 | 34 | 82 | 5.41 | 10 | <1 | 0.09 | 10 | 0.51 | 446 | 7 | <0.01 | 28 | 990 | 19 | 0.03 | 5 | 2 | 15 | 0.03 | <10 | <10 | 76 | <10 | 172 |
| L3S 19+00W | <0.005 | 1.2 | 2.72 | 17 | <10 | 370 | 1 | <2 | 0.59 | 1.3 | 29 | 33 | 162 | 3.48 | 10 | <1 | 0.06 | 20 | 0.43 | 1920 | 8 | <0.01 | 48 | 1120 | 17 | 0.03 | 2 | 4 | 31 | 0.02 | <10 | <10 | 72 | <10 | 454 |
| L3S 19+50W | <0.005 | 1.5 | 2.46 | 48 | <10 | 370 | 0.8 | <2 | 0.7 | 1.6 | 14 | 31 | 73 | 3.47 | 10 | <1 | 0.11 | 20 | 0.6 | 1195 | 6 | 0.01 | 25 | 1470 | 18 | 0.06 | 2 | 2 | 80 | 0.02 | <10 | <10 | 55 | <10 | 159 |
| L3S 20+00W | <0.005 | 0.2 | 2.4 | 18 | <10 | 300 | <0.5 | 2 | 0.22 | <0.5 | 9 | 26 | 67 | 4.73 | 10 | <1 | 0.08 | 20 | 0.67 | 488 | 5 | <0.01 | 20 | 1140 | 17 | 0.03 | <2 | 3 | 21 | 0.01 | <10 | <10 | 62 | <10 | 146 |
| L3S 20+50W | <0.005 | 0.4 | 1.43 | 13 | <10 | 200 | <0.5 | <2 | 0.21 | <0.5 | 5 | 20 | 33 | 3.3 | 10 | <1 | 0.12 | 10 | 0.33 | 309 | 3 | <0.01 | 13 | 970 | 14 | 0.03 | 4 | 1 | 16 | 0.03 | 10 | <10 | 68 | <10 | 72 |
| L3S 21+00W | 0.007 | 0.4 | 2.1 | 17 | <10 | 100 | <0.5 | 2 | 0.03 | 0.5 | 4 | 24 | 29 | 3.9 | 10 | <1 | 0.05 | 10 | 0.44 | 227 | 4 | <0.01 | 11 | 1040 | 14 | 0.03 | 2 | 1 | 6 | 0.02 | <10 | <10 | 70 | <10 | 65 |
| L3S 21+50W | <0.005 | 0.8 | 1.39 | 15 | <10 | 120 | <0.5 | <2 | 0.1 | 0.6 | 1 | 11 | 16 | 1.66 | <10 | <1 | 0.04 | 10 | 0.18 | 74 | 2 | <0.01 | 5 | 490 | 15 | 0.01 | <2 | 2 | 15 | 0.01 | <10 | <10 | 28 | <10 | 38 |
| L3S 22+00W | <0.005 | 0.3 | 1.81 | 23 | <10 | 220 | 0.5 | <2 | 0.16 | <0.5 | 4 | 20 | 31 | 2.91 | 10 | <1 | 0.08 | 10 | 0.37 | 357 | 5 | <0.01 | 13 | 910 | 22 | 0.04 | <2 | 1 | 19 | 0.01 | 10 | <10 | 52 | <10 | 78 |
| L3S 22+50W | <0.005 | 0.7 | 1.84 | 19 | <10 | 130 | <0.5 | <2 | 0.04 | <0.5 | 3 | 20 | 20 | 1.87 | 10 | <1 | 0.07 | 10 | 0.45 | 231 | 3 | <0.01 | 11 | 500 | 11 | 0.01 | 3 | 1 | 6 | 0.01 | <10 | <10 | 49 | <10 | 54 |
| L3S 23+00W | 0.032 | 0.2 | 1.36 | 21 | <10 | 90 | <0.5 | <2 | 0.03 | <0.5 | 3 | 15 | 27 | 2.32 | 10 | <1 | 0.07 | 10 | 0.22 | 148 | 4 | <0.01 | 9 | 660 | 21 | 0.02 | 4 | 1 | 5 | 0.02 | <10 | <10 | 54 | <10 | 44 |
| L3S 23+50W | <0.005 | 0.5 | 1.86 | 23 | <10 | 120 | <0.5 | <2 | 0.04 | <0.5 | 5 | 25 | 37 | 3.2 | 10 | <1 | 0.08 | 10 | 0.56 | 244 | 6 | <0.01 | 18 | 880 | 18 | 0.02 | 3 | 1 | 6 | 0.01 | <10 | <10 | 50 | <10 | 63 |
| L3S 24+00W | <0.005 | 0.2 | 1.32 | 8 | <10 | 80 | <0.5 | <2 | 0.05 | <0.5 | 4 | 15 | 24 | 1.68 | 10 | <1 | 0.06 | 10 | 0.28 | 289 | 4 | <0.01 | 8 | 550 | 11 | 0.01 | 2 | <1 | 7 | 0.01 | <10 | <10 | 40 | <10 | 39 |
| L3S 24+50W | <0.005 | 0.3 | 1.55 | 10 | <10 | 90 | <0.5 | <2 | 0.04 | <0.5 | 4 | 16 | 39 | 3.19 | 10 | <1 | 0.06 | 20 | 0.28 | 371 | 5 | <0.01 | 12 | 1140 | 12 | 0.02 | 2 | 1 | 5 | 0.01 | <10 | <10 | 51 | <10 | 52 |
| L3S 25+00W | <0.005 | 0.2 | 1.29 | 2 | <10 | 120 | <0.5 | <2 | 0.04 | <0.5 | 4 | 12 | 40 | 2.01 | 10 | <1 | 0.07 | 20 | 0.25 | 225 | 4 | <0.01 | 11 | 730 | 11 | 0.02 | 2 | <1 | 6 | <0.01 | <10 | <10 | 35 | <10 | 47 |
| L4S 15+50W | <0.005 | 0.6 | 2.24 | 40 | <10 | 860 | 0.8 | 2 | 0.85 | 0.9 | 10 | 22 | 48 | 3.6 | 10 | <1 | 0.06 | 20 | 0.22 | 325 | 6 | <0.01 | 22 | 1050 | 40 | 0.04 | 5 | 4 | 38 | <0.01 | 10 | <10 | 59 | <10 | 166 |
| L4S 16+00W | <0.005 | 0.2 | 1.8 | 7 | <10 | 180 | <0.5 | <2 | 0.15 | <0.5 | 6 | 25 | 37 | 3.76 | 10 | <1 | 0.06 | 20 | 0.23 | 340 | 5 | <0.01 | 16 | 900 | 11 | 0.01 | <2 | 2 | 8 | 0.03 | <10 | <10 | 98 | <10 | 85 |
| L4S 16+50W | <0.005 | 0.2 | 1.77 | 45 | <10 | 150 | <0.5 | 2 | 0.08 | 0.5 | 9 | 31 | 27 | 3.01 | 10 | 1 | 0.04 | 20 | 0.16 | 373 | 5 | <0.01 | 27 | 780 | 36 | <0.01 | 7 | 3 | 7 | 0.01 | 10 | <10 | 80 | <10 | 150 |
| L4S 17+00W | 0.009 | 0.3 | 2.56 | 91 | <10 | 180 | 0.5 | 2 | 0.07 | 0.9 | 9 | 32 | 76 | 5.09 | 10 | <1 | 0.1 | 10 | 0.59 | 353 | 7 | <0.01 | 38 | 810 | 44 | 0.02 | 12 | 4 | 11 | 0.02 | <10 | <10 | 61 | <10 | 255 |
| L4S 17+50W | 0.011 | 0.5 | 2.24 | 60 | <10 | 210 | <0.5 | <2 | 0.08 | <0.5 | 8 | 25 | 81 | 4.59 | 10 | <1 | 0.08 | 20 | 0.55 | 383 | 9 | <0.01 | 30 | 830 | 30 | 0.02 | 8 | 4 | 14 | 0.01 | 10 | <10 | 56 | <10 | 138 |
| L4S 18+00W | <0.005 | 0.3 | 1.77 | 21 | <10 | 140 | <0.5 | <2 | 0.1 | <0.5 | 6 | 24 | 43 | 4.28 | 10 | <1 | 0.08 | 10 | 0.37 | 242 | 7 | <0.01 | 17 | 580 | 15 | 0.01 | 2 | 3 | 9 | 0.04 | <10 | <10 | 72 | <10 | 95 |
| L4S 18+50W | 0.005 | 2.8 | 2.65 | 19 | <10 | 280 | 0.9 | <2 | 0.67 | 2.2 | 16 | 30 | 82 | 3.44 | 10 | <1 | 0.07 | 20 | 0.54 | 3460 | 7 | <0.01 | 29 | 1380 | 22 | 0.05 | 2 | 5 | 52 | 0.02 | <10 | <10 | 56 | <10 | 177 |
| L4S 19+00W | 0.005 | 0.6 | 1.5 | 22 | <10 | 130 | <0.5 | <2 | 0.16 | <0.5 | 4 | 24 | 38 | 4.01 | 10 | <1 | 0.08 | 10 | 0.33 | 304 | 5 | <0.01 | 15 | 1820 | 16 | 0.02 | 4 | 1 | 11 | 0.03 | <10 | <10 | 74 | <10 | 68 |
| L4S 19+50W | 0.005 | 0.5 | 1.84 | 12 | <10 | 120 | <0.5 | 2 | 0.13 | <0.5 | 7 | 32 | 40 | 4.61 | 10 | <1 | 0.09 | 10 | 0.47 | 455 | 4 | <0.01 | 24 | 1350 | 12 | 0.01 | 2 | 1 | 8 | 0.03 | <10 | <10 | 82 | <10 | 85 |
| L4S 20+00W | <0.005 | 0.4 | 2.77 | 14 | <10 | 80 | <0.5 | 2 | 0.11 | 0.7 | 5 | 27 | 63 | 5.18 | 10 | 1 | 0.06 | 10 | 0.77 | 389 | 5 | <0.01 | 19 | 2260 | 15 | 0.02 | 3 | 3 | 5 | 0.03 | 10 | <10 | 74 | <10 | 114 |
| L4S 20+50W | <0.005 | 0.2 | 1.79 | 8 | <10 | 190 | <0.5 | <2 | 0.14 | 0.6 | 5 | 21 | 49 | 3.54 | 10 | <1 | 0.09 | 10 | 0.33 | 225 | 6 | <0.01 | 15 | 870 | 16 | 0.03 | 4 | 1 | 16 | 0.01 | <10 | <10 | 62 | <10 | 118 |
| L4S 21+00W | <0.005 | 0.3 | 1.84 | 15 | <10 | 90 | <0.5 | <2 | 0.09 | <0.5 | 5 | 25 | 36 | 4.16 | 10 | <1 | 0.06 | 10 | 0.44 | 367 | 4 | <0.01 | 18 | 1010 | 17 | 0.03 | <2 | 1 | 6 | 0.04 | 10 | <10 | 73 | <10 | 61 |
| L4S 21+50W | <0.005 | 0.4 | 1.72 | 30 | <10 | 100 | <0.5 | <2 | 0.07 | <0.5 | 3 | 17 | 25 | 2.33 | 10 | <1 | 0.05 | 10 | 0.27 | 184 | 3 | <0.01 | 8 | 540 | 10 | 0.04 | 4 | 1 | 8 | 0.02 | <10 | <10 | 55 | <10 | 42 |
| L4S 22+00W | <0.005 | <0.2 | 1.63 | 17 | <10 | 100 | <0.5 | <2 | 0.05 | <0.5 | 2 | 18 | 18 | 2.01 | 10 | <1 | 0.05 | 10 | 0.31 | 135 | 3 | <0.01 | 9 | 450 | 8 | 0.02 | 3 | 1 | 5 | 0.02 | <10 | <10 | 57 | <10 | 37 |

VA05058856 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 190
DATE RECEIVED : 2005-07-18  DATE FINALIZED : 2005-07-28
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L4S 22+50W | <0.005 | 0.5 | 2.1 | 17 | <10 | 280 | 0.6 | <2 | 0.13 | 0.5 | 7 | 23 | 38 | 3.06 | 10 | <1 | 0.1 | 10 | 0.46 | 1660 | 5 | <0.01 | 18 | 1070 | 16 | 0.05 | 4 | 1 | 20 | 0.01 | <10 | <10 | 50 | <10 | 151 |
| L4S 23+00W | <0.005 | 0.6 | 2.77 | 13 | <10 | 230 | 0.6 | 3 | 0.18 | <0.5 | 8 | 31 | 57 | 3.48 | 10 | <1 | 0.09 | 10 | 0.64 | 445 | 6 | 0.01 | 27 | 780 | 17 | 0.04 | 2 | 1 | 26 | 0.02 | <10 | <10 | 63 | <10 | 116 |
| L4S 23+50W | <0.005 | 0.7 | 1.48 | 19 | <10 | 150 | <0.5 | <2 | 0.05 | <0.5 | 5 | 21 | 34 | 3 | 10 | <1 | 0.09 | 10 | 0.38 | 329 | 6 | <0.01 | 17 | 630 | 15 | 0.04 | 3 | <1 | 9 | 0.02 | <10 | <10 | 43 | <10 | 74 |
| L4S 24+00W | <0.005 | 0.2 | 1.32 | 19 | <10 | 80 | <0.5 | <2 | 0.04 | <0.5 | 5 | 19 | 38 | 2.95 | 10 | <1 | 0.08 | 10 | 0.39 | 325 | 5 | <0.01 | 17 | 750 | 12 | 0.03 | 4 | <1 | 5 | 0.01 | <10 | <10 | 42 | <10 | 67 |
| L4S 24+50W | <0.005 | 0.3 | 1.98 | 7 | <10 | 110 | <0.5 | <2 | 0.04 | <0.5 | 3 | 20 | 38 | 3.31 | 10 | <1 | 0.05 | 20 | 0.34 | 241 | 3 | <0.01 | 13 | 1030 | 15 | 0.02 | <2 | 1 | 5 | 0.01 | <10 | <10 | 64 | <10 | 56 |
| L4S 25+00W | <0.005 | <0.2 | 1.46 | 6 | <10 | 120 | <0.5 | <2 | 0.04 | <0.5 | 4 | 15 | 34 | 2.26 | 10 | <1 | 0.06 | 20 | 0.19 | 1505 | 5 | <0.01 | 7 | 850 | 13 | 0.01 | <2 | 1 | 4 | 0.01 | <10 | <10 | 48 | <10 | 36 |
| L5S 15+50W | <0.005 | 0.5 | 1.21 | 21 | <10 | 160 | <0.5 | <2 | 0.09 | <0.5 | 7 | 13 | 69 | 4.03 | 10 | <1 | 0.1 | 20 | 0.19 | 278 | 10 | <0.01 | 21 | 980 | 21 | 0.01 | 4 | 2 | 12 | 0.01 | <10 | <10 | 45 | <10 | 118 |
| L5S 16+00W | <0.005 | <0.2 | 1.5 | 8 | <10 | 220 | <0.5 | <2 | 0.21 | 0.6 | 7 | 20 | 48 | 3.8 | 10 | 1 | 0.1 | 10 | 0.27 | 221 | 6 | <0.01 | 19 | 850 | 16 | 0.03 | 2 | 2 | 10 | 0.02 | <10 | <10 | 59 | <10 | 105 |
| L5S 16+50W | <0.005 | 0.8 | 2.59 | 14 | <10 | 350 | 0.8 | <2 | 0.72 | 1 | 12 | 27 | 82 | 4.22 | 10 | <1 | 0.08 | 20 | 0.3 | 584 | 8 | 0.01 | 28 | 820 | 25 | 0.03 | 3 | 5 | 23 | <0.01 | <10 | <10 | 54 | <10 | 174 |
| L5S 17+00W | 0.005 | 0.6 | 2.01 | 21 | <10 | 160 | <0.5 | <2 | 0.08 | 0.6 | 7 | 22 | 66 | 4.97 | 10 | <1 | 0.07 | 10 | 0.37 | 312 | 7 | <0.01 | 21 | 720 | 17 | 0.02 | 2 | 4 | 10 | 0.01 | <10 | <10 | 58 | <10 | 122 |
| L5S 17+50W | <0.005 | 0.2 | 1.37 | 15 | <10 | 130 | <0.5 | <2 | 0.22 | <0.5 | 5 | 20 | 45 | 4.26 | 10 | <1 | 0.08 | 10 | 0.24 | 371 | 6 | <0.01 | 14 | 760 | 14 | 0.02 | 4 | 2 | 13 | 0.04 | <10 | <10 | 83 | <10 | 85 |
| L5S 18+00W | <0.005 | 0.4 | 1.75 | 13 | <10 | 170 | <0.5 | <2 | 0.18 | <0.5 | 5 | 23 | 42 | 3.89 | 10 | <1 | 0.09 | 10 | 0.38 | 354 | 5 | <0.01 | 17 | 920 | 18 | 0.01 | 5 | 3 | 14 | 0.04 | 10 | <10 | 69 | <10 | 82 |
| L5S 18+50W | <0.005 | <0.2 | 1.53 | 31 | <10 | 200 | <0.5 | <2 | 0.47 | 0.6 | 5 | 22 | 57 | 4.46 | 10 | <1 | 0.08 | 10 | 0.23 | 295 | 8 | <0.01 | 14 | 460 | 31 | 0.02 | 4 | 2 | 47 | 0.04 | <10 | <10 | 78 | <10 | 85 |
| L5S 19+00W | <0.005 | 0.4 | 2.06 | 34 | <10 | 380 | 0.5 | 2 | 0.34 | 0.6 | 9 | 28 | 46 | 4.13 | 10 | <1 | 0.1 | 20 | 0.4 | 413 | 8 | <0.01 | 18 | 550 | 22 | 0.02 | 3 | 3 | 38 | 0.03 | 10 | <10 | 76 | <10 | 106 |
| L5S 19+50W | <0.005 | 0.7 | 2.27 | 11 | <10 | 240 | <0.5 | <2 | 0.17 | <0.5 | 6 | 27 | 33 | 4.41 | 10 | <1 | 0.1 | 10 | 0.48 | 492 | 4 | <0.01 | 16 | 1260 | 11 | 0.02 | 4 | 2 | 14 | 0.02 | 10 | <10 | 82 | <10 | 105 |
| L5S 20+00W | <0.005 | 0.4 | 2.26 | 25 | <10 | 110 | <0.5 | <2 | 0.08 | <0.5 | 6 | 30 | 40 | 4.39 | 10 | <1 | 0.07 | 10 | 0.64 | 294 | 5 | <0.01 | 21 | 650 | 12 | 0.02 | 5 | 2 | 8 | 0.03 | 10 | <10 | 69 | <10 | 82 |
| L5S 20+50W | <0.005 | 0.9 | 2.44 | 17 | <10 | 90 | <0.5 | <2 | 0.12 | <0.5 | 5 | 23 | 33 | 5.16 | 10 | <1 | 0.1 | 10 | 0.59 | 314 | 2 | 0.01 | 12 | 1110 | 27 | 0.04 | <2 | 1 | 7 | 0.02 | <10 | <10 | 77 | <10 | 75 |
| L5S 21+00W | <0.005 | 0.5 | 2.35 | 22 | <10 | 120 | <0.5 | <2 | 0.1 | 0.6 | 6 | 26 | 46 | 4.36 | 10 | <1 | 0.08 | 10 | 0.57 | 319 | 5 | <0.01 | 20 | 1180 | 17 | 0.03 | 2 | 2 | 9 | 0.02 | <10 | <10 | 64 | <10 | 100 |
| L5S 21+50W | <0.005 | 0.3 | 2.18 | 45 | <10 | 80 | <0.5 | <2 | 0.07 | <0.5 | 5 | 26 | 41 | 4.67 | 10 | <1 | 0.07 | 10 | 0.53 | 292 | 5 | <0.01 | 17 | 920 | 17 | 0.02 | 4 | 2 | 7 | 0.03 | <10 | <10 | 75 | <10 | 71 |
| L5S 22+00W | <0.005 | 0.4 | 1.27 | 18 | <10 | 200 | <0.5 | <2 | 0.12 | <0.5 | 8 | 16 | 48 | 2.61 | 10 | <1 | 0.1 | 20 | 0.2 | 790 | 4 | <0.01 | 14 | 870 | 11 | 0.02 | 5 | <1 | 11 | 0.01 | <10 | <10 | 46 | <10 | 67 |
| L5S 22+50W | <0.005 | 0.2 | 1.63 | 22 | <10 | 180 | <0.5 | 2 | 0.14 | <0.5 | 6 | 26 | 33 | 4.07 | 10 | <1 | 0.07 | 20 | 0.28 | 641 | 5 | <0.01 | 14 | 1070 | 14 | 0.02 | <2 | 1 | 8 | 0.04 | 10 | <10 | 95 | <10 | 75 |
| L5S 23+00W | 0.012 | 0.5 | 2.05 | 23 | <10 | 120 | <0.5 | <2 | 0.05 | <0.5 | 5 | 26 | 40 | 4.22 | 10 | <1 | 0.07 | 10 | 0.51 | 269 | 6 | <0.01 | 20 | 600 | 17 | 0.03 | 5 | 1 | 7 | 0.02 | <10 | <10 | 60 | <10 | 66 |
| L5S 23+50W | <0.005 | 0.8 | 2.5 | 23 | <10 | 450 | 0.7 | <2 | 0.32 | 1 | 9 | 31 | 81 | 4.1 | 10 | 1 | 0.11 | 10 | 0.54 | 723 | 5 | <0.01 | 32 | 1060 | 18 | 0.05 | 4 | 2 | 44 | 0.02 | <10 | <10 | 66 | <10 | 186 |
| L5S 24+00W | 0.026 | 0.8 | 1.68 | 9 | <10 | 180 | <0.5 | <2 | 0.13 | <0.5 | 8 | 28 | 45 | 3.93 | 10 | <1 | 0.07 | 10 | 0.3 | 808 | 5 | <0.01 | 16 | 800 | 15 | 0.04 | <2 | 1 | 9 | 0.04 | <10 | <10 | 88 | <10 | 72 |
| L5S 24+50W | 0.007 | 0.4 | 1.88 | 27 | <10 | 110 | <0.5 | <2 | 0.1 | <0.5 | 8 | 37 | 43 | 4.78 | 10 | 1 | 0.05 | 20 | 0.36 | 471 | 5 | <0.01 | 21 | 1150 | 25 | 0.03 | 14 | 1 | 6 | 0.04 | <10 | <10 | 95 | <10 | 87 |
| L5S 25+00W | 0.005 | 1 | 2.07 | 7 | <10 | 80 | <0.5 | <2 | 0.15 | <0.5 | 6 | 41 | 28 | 4.01 | 10 | <1 | 0.04 | 10 | 0.5 | 394 | 2 | <0.01 | 23 | 740 | 15 | 0.02 | <2 | 2 | 9 | 0.09 | <10 | <10 | 88 | <10 | 61 |
| L6S 15+50W | 0.007 | 0.6 | 0.98 | 6 | <10 | 150 | <0.5 | <2 | 0.17 | <0.5 | 4 | 15 | 31 | 2.58 | 10 | <1 | 0.07 | 10 | 0.2 | 450 | 5 | <0.01 | 15 | 740 | 9 | 0.01 | <2 | 2 | 7 | 0.03 | <10 | <10 | 55 | <10 | 61 |
| L6S 16+00W | 0.011 | 0.3 | 1.24 | 16 | <10 | 260 | <0.5 | 2 | 0.41 | <0.5 | 5 | 14 | 31 | 2.97 | 10 | <1 | 0.07 | 10 | 0.19 | 155 | 7 | <0.01 | 11 | 620 | 14 | 0.01 | <2 | 1 | 18 | 0.01 | <10 | <10 | 59 | <10 | 95 |
| L6S 16+50W | 0.01 | 1.7 | 1.71 | 36 | <10 | 170 | <0.5 | 2 | 0.05 | 0.6 | 10 | 17 | 64 | 4.37 | 10 | <1 | 0.09 | 10 | 0.32 | 808 | 7 | <0.01 | 15 | 1450 | 20 | 0.01 | <2 | 3 | 7 | <0.01 | <10 | <10 | 52 | <10 | 178 |
| L6S 17+00W | 0.005 | 0.4 | 1.77 | 13 | <10 | 120 | <0.5 | <2 | 0.02 | <0.5 | 7 | 16 | 64 | 5.19 | 10 | <1 | 0.06 | 10 | 0.29 | 235 | 8 | <0.01 | 20 | 740 | 17 | 0.01 | 2 | 3 | 8 | 0.01 | <10 | <10 | 49 | <10 | 102 |
| L6S 17+50W | 0.011 | 1.5 | 1.83 | 14 | <10 | 430 | 0.9 | <2 | 1.04 | 0.9 | 10 | 23 | 130 | 3.83 | <10 | 1 | 0.07 | 10 | 0.33 | 570 | 7 | <0.01 | 24 | 1650 | 19 | 0.07 | 2 | 4 | 143 | 0.01 | <10 | 10 | 35 | <10 | 116 |
| L6S 18+00W | <0.005 | 0.7 | 2.19 | 11 | <10 | 660 | 1 | <2 | 0.88 | 1.9 | 17 | 26 | 110 | 3.97 | 10 | <1 | 0.1 | 20 | 0.37 | 2030 | 9 | <0.01 | 26 | 1230 | 33 | 0.03 | 4 | 7 | 122 | 0.02 | <10 | <10 | 52 | <10 | 153 |
| L6S 18+50W | <0.005 | 0.8 | 2.18 | 15 | <10 | 350 | 0.7 | <2 | 0.96 | 0.9 | 19 | 25 | 94 | 4.24 | 10 | <1 | 0.07 | 10 | 0.46 | 764 | 7 | <0.01 | 32 | 1200 | 47 | 0.05 | 5 | 4 | 105 | 0.01 | <10 | <10 | 48 | <10 | 172 |
| L6S 19+00W | <0.005 | 0.4 | 2.56 | 25 | <10 | 240 | 0.6 | <2 | 0.24 | <0.5 | 12 | 32 | 49 | 4.75 | 10 | <1 | 0.06 | 10 | 0.41 | 358 | 9 | <0.01 | 23 | 560 | 19 | 0.03 | <2 | 4 | 24 | 0.02 | <10 | <10 | 72 | <10 | 114 |
| L6S 19+50W | <0.005 | 0.3 | 1.65 | 11 | <10 | 210 | <0.5 | <2 | 0.12 | <0.5 | 5 | 23 | 37 | 3.92 | 10 | 1 | 0.09 | 10 | 0.37 | 394 | 5 | <0.01 | 16 | 880 | 17 | 0.01 | 3 | 3 | 7 | 0.04 | <10 | <10 | 79 | <10 | 83 |
| L6S 20+00W | <0.005 | 0.6 | 2.1 | 24 | <10 | 150 | <0.5 | <2 | 0.1 | <0.5 | 6 | 28 | 64 | 4.56 | 10 | <1 | 0.07 | 10 | 0.51 | 292 | 5 | <0.01 | 22 | 640 | 30 | 0.02 | 5 | 2 | 9 | 0.03 | <10 | <10 | 75 | <10 | 106 |
| L6S 20+50W | <0.005 | 0.4 | 1.42 | 6 | <10 | 130 | <0.5 | <2 | 0.24 | <0.5 | 4 | 20 | 34 | 3.5 | 10 | <1 | 0.09 | 10 | 0.23 | 377 | 3 | <0.01 | 12 | 1470 | 15 | 0.02 | <2 | 1 | 10 | 0.02 | <10 | <10 | 72 | <10 | 74 |
| L6S 21+00W | <0.005 | 0.3 | 1.64 | 10 | <10 | 130 | <0.5 | <2 | 0.13 | <0.5 | 3 | 21 | 23 | 3.15 | 10 | <1 | 0.06 | 10 | 0.28 | 308 | 2 | <0.01 | 11 | 830 | 12 | 0.02 | 3 | 1 | 8 | 0.02 | <10 | <10 | 67 | <10 | 55 |
| L6S 21+50W | <0.005 | 0.2 | 1.54 | 12 | <10 | 160 | <0.5 | <2 | 0.12 | <0.5 | 6 | 23 | 45 | 4.08 | 10 | 1 | 0.07 | 10 | 0.24 | 669 | 6 | <0.01 | 15 | 1150 | 19 | 0.02 | 4 | 1 | 7 | 0.03 | <10 | <10 | 75 | <10 | 74 |
| L6S 22+00W | <0.005 | 0.7 | 2.07 | 11 | <10 | 80 | <0.5 | 2 | 0.09 | <0.5 | 6 | 27 | 41 | 5.07 | 10 | <1 | 0.05 | 10 | 0.42 | 345 | 4 | <0.01 | 16 | 1070 | 12 | 0.02 | 2 | 2 | 7 | 0.03 | <10 | <10 | 74 | <10 | 74 |
| L6S 22+50W | <0.005 | 0.5 | 2.23 | 6 | <10 | 100 | <0.5 | <2 | 0.09 | <0.5 | 5 | 27 | 35 | 4.3 | 10 | <1 | 0.05 | 10 | 0.57 | 539 | 3 | <0.01 | 18 | 1360 | 15 | 0.01 | 3 | 3 | 8 | 0.02 | <10 | <10 | 71 | <10 | 74 |
| L6S 23+00W | <0.005 | 0.3 | 1.94 | 18 | <10 | 110 | <0.5 | <2 | 0.08 | <0.5 | 6 | 28 | 39 | 4.34 | 10 | 1 | 0.09 | 10 | 0.6 | 379 | 4 | <0.01 | 20 | 1050 | 17 | 0.02 | 5 | 2 | 6 | 0.03 | <10 | <10 | 68 | <10 | 74 |
| L6S 23+50W | <0.005 | 0.6 | 1.83 | 7 | <10 | 390 | <0.5 | <2 | 0.35 | 0.7 | 11 | 38 | 49 | 4.68 | 10 | <1 | 0.1 | 20 | 0.35 | 1515 | 4 | <0.01 | 22 | 1670 | 15 | 0.06 | <2 | 1 | 22 | 0.03 | <10 | <10 | 90 | <10 | 106 |
| L6S 24+00W | <0.005 | 0.7 | 1.79 | 11 | <10 | 120 | <0.5 | <2 | 0.14 | <0.5 | 8 | 42 | 36 | 4.82 | 10 | <1 | 0.06 | 10 | 0.48 | 562 | 4 | <0.01 | 27 | 1220 | 13 | 0.05 | 2 | 1 | 13 | 0.02 | 10 | <10 | 70 | <10 | 71 |
| L6S 24+50W | <0.005 | 0.5 | 1.84 | 17 | <10 | 170 | <0.5 | <2 | 0.08 | <0.5 | 7 | 29 | 69 | 4.76 | 10 | <1 | 0.09 | 20 | 0.39 | 396 | 10 | <0.01 | 30 | 1020 | 20 | 0.03 | <2 | 1 | 9 | 0.02 | <10 | <10 | 63 | <10 | 94 |
| L6S 25+00W | <0.005 | 0.5 | 2.2 | 16 | <10 | 170 | <0.5 | <2 | 0.35 | <0.5 | 8 | 36 | 27 | 5.89 | 10 | <1 | 0.07 | 10 | 0.37 | 1160 | 3 | <0.01 | 17 | 1530 | 21 | 0.05 | 4 | 3 | 10 | 0.24 | 10 | <10 | 168 | <10 | 61 |
| L7S 15+50W | <0.005 | 0.6 | 1.35 | 4 | <10 | 140 | <0.5 | <2 | 0.03 | <0.5 | 1 | 10 | 24 | 2.15 | 10 | <1 | 0.07 | 20 | 0.15 | 182 | 8 | <0.01 | 6 | 570 | 13 | 0.01 | <2 | 2 | 5 | <0.01 | <10 | <10 | 41 | <10 | 38 |
| L7S 16+00W | <0.005 | 0.8 | 1.1 | 4 | <10 | 90 | <0.5 | <2 | 0.09 | 0.7 | 4 | 14 | 33 | 3.2 | 10 | <1 | 0.06 | 10 | 0.17 | 184 | 5 | <0.01 | 14 | 880 | 11 | 0.01 | 3 | 2 | 9 | 0.03 | <10 | <10 | 64 | <10 | 75 |
| L7S 16+50W | <0.005 | 1.3 | 1.09 | 28 | <10 | 170 | <0.5 | <2 | 0.16 | 0.7 | 9 | 12 | 68 | 3.78 | <10 | <1 | 0.1 | 10 | 0.23 | 622 | 6 | <0.01 | 19 | 1300 | 19 | 0.02 | 5 | 2 | 14 | <0.01 | <10 | <10 | 34 | <10 | 130 |
| L7S 17+00W | <0.005 | 1 | 2.05 | 10 | <10 | 340 | 1.2 | <2 | 1.15 | 3.1 | 24 | 18 | 183 | 3.15 | <10 | <1 | 0.06 | 20 | 0.27 | 4900 | 9 | <0.01 | 31 | 3590 | 18 | 0.12 | <2 | 6 | 122 | 0.01 | 10 | <10 | 24 | <10 | 203 |
| L7S 17+50W | <0.005 | 0.5 | 1.58 | 9 | <10 | 300 | <0.5 | 2 | 0.23 | 0.5 | 8 | 17 | 75 | 4.3 | 10 | <1 | 0.1 | 10 | 0.26 | 491 | 12 | <0.01 | 20 | 640 | 15 | 0.02 | <2 | 3 | 26 | 0.01 | <10 | <10 | 53 | <10 | 114 |
| L7S 18+00W | <0.005 | 0.3 | 1.19 | 8 | <10 | 370 | <0.5 | <2 | 0.81 | <0.5 | 7 | 15 | 54 | 2.87 | 10 | <1 | 0.08 | 10 | 0.15 | 331 | 10 | 0.01 | 14 | 490 | 13 | 0.01 | 2 | 2 | 100 | 0.02 | <10 | <10 | 64 | <10 | 72 |
| L7S 18+50W | <0.005 | 0.2 | 1.51 | 4 | <10 | 200 | <0.5 | 2 | 0.11 | <0.5 | 5 | 20 | 50 | 4.05 | 10 | <1 | 0.07 | 20 | 0.16 | 231 | 10 | <0.01 | 15 | 580 | 14 | 0.02 | <2 | 2 | 13 | 0.02 | <10 | <10 | 78 | <10 | 81 |
| L7S 19+00W | <0.005 | 0.4 | 1.63 | 10 | <10 | 150 | <0.5 | 2 | 0.33 | <0.5 | 6 | 19 | 47 | 4.09 | 10 | <1 | 0.08 | 10 | 0.23 | 211 | 10 | <0.01 | 14 | 710 | 15 | 0.02 | <2 | 3 | 36 | 0.01 | <10 | <10 | 64 | <10 | 110 |
| L7S 19+50W | <0.005 | 0.5 | 1.25 | 7 | <10 | 260 | <0.5 | 2 | 0.18 | <0.5 | 6 | 16 | 37 | 2.79 | 10 | <1 | 0.09 | 10 | 0.19 | 2720 | 4 | <0.01 | 10 | 860 | 11 | 0.01 | <2 | 1 | 16 | 0.02 | <10 | <10 | 58 | <10 | 71 |
| L7S 20+00W | <0.005 | 0.6 | 2.59 | 13 | <10 | 200 | 0.6 | <2 | 0.33 | 0.7 | 14 | 30 | 69 | 4.65 | 10 | <1 | 0.08 | 10 | 0.62 | 464 | 6 | <0.01 | 30 | 690 | 16 | 0.03 | 2 | 4 | 42 | 0.01 | <10 | <10 | 63 | <10 | 194 |
| L7S 20+50W | <0.005 | 0.6 | 1.57 | 7 | <10 | 140 | <0.5 | <2 | 0.19 | <0.5 | 5 | 20 | 33 | 3.54 | 10 | 1 | 0.1 | 20 | 0.32 | 285 | 5 | <0.01 | 15 | 1840 | 15 | 0.02 | <2 | 2 | 11 | 0.02 | <10 | <10 | 61 | <10 | 74 |
| L7S 21+00W | <0.005 | <0.2 | 1.72 | 6 | <10 | 150 | <0.5 | <2 | 0.2 | <0.5 | 7 | 26 | 46 | 4.65 | 10 | <1 | 0.07 | 10 | 0.37 | 445 | 6 | <0.01 | 20 | 1600 | 13 | 0.02 | <2 | 3 | 8 | 0.04 | 10 | <10 | 95 | <10 | 75 |
| L7S 21+50W | <0.005 | 0.5 | 1.77 | 5 | <10 | 150 | <0.5 | 2 | 0.18 | <0.5 | 7 | 29 | 31 | 4.63 | 10 | <1 | 0.09 | 10 | 0.35 | 597 | 4 | <0.01 | 15 | 1510 | 7 | 0.04 | <2 | 2 | 8 | 0.04 | 10 | <10 | 97 | <10 | 76 |
| L7S 22+00W | <0.005 | 0.5 | 1.85 | 5 | <10 | 90 | <0.5 | 2 | 0.1 | <0.5 | 7 | 24 | 42 | 4.15 | 10 | <1 | 0.06 | 10 | 0.37 | 319 | 4 | 0.01 | 15 | 920 | 6 | 0.03 | <2 | 1 | 5 | 0.03 | <10 | <10 | 81 | <10 | 64 |
| L7S 22+50W | <0.005 | 0.4 | 1.5 | 10 | <10 | 170 | <0.5 | 2 | 0.27 | 0.6 | 6 | 14 | 65 | 3.84 | 10 | <1 | 0.1 | 20 | 0.26 | 333 | 6 | 0.01 | 16 | 1060 | 15 | 0.04 | <2 | 2 | 29 | <0.01 | <10 | <10 | 40 | <10 | 84 |
| L7S 23+00W | <0.005 | 0.4 | 2.36 | 16 | <10 | 390 | 0.7 | 2 | 0.27 | 0.9 | 16 | 37 | 96 | 5.63 | 10 | <1 | 0.11 | 20 | 0.52 | 1395 | 7 | 0.01 | 32 | 1570 | 10 | 0.06 | <2 | 2 | 26 | 0.02 | <10 | <10 | 79 | <10 | 168 |
| L7S 23+50W | <0.005 | 0.8 | 2.13 | 4 | <10 | 90 | <0.5 | 3 | 0.2 | <0.5 | 8 | 33 | 42 | 4.62 | 10 | <1 | 0.05 | 10 | 0.47 | 336 | 4 | 0.01 | 22 | 1230 | 5 | 0.03 | <2 | 2 | 8 | 0.04 | <10 | <10 | 84 | <10 | 75 |
| L7S 24+00W | <0.005 | 0.2 | 2.04 | 5 | <10 | 530 | 0.5 | <2 | 0.57 | 0.5 | 16 | 35 | 65 | 4.92 | 10 | 1 | 0.12 | 10 | 0.35 | 2790 | 6 | 0.01 | 23 | 1310 | 10 | 0.06 | <2 | 2 | 52 | 0.02 | <10 | <10 | 86 | <10 | 149 |
| L7S 24+50W | <0.005 | 0.5 | 1.92 | 4 | <10 | 260 | <0.5 | 2 | 0.36 | <0.5 | 12 | 53 | 42 | 5.32 | 10 | <1 | 0.07 | 10 | 0.59 | 572 | 4 | 0.01 | 30 | 1460 | 8 | 0.03 | <2 | 4 | 10 | 0.08 | <10 | <10 | 143 | <10 | 78 |
| L7S 25+00W | 0.027 | 0.2 | 2 | 5 | <10 | 280 | <0.5 | 3 | 0.69 | <0.5 | 19 | 36 | 34 | 7.72 | 10 | <1 | 0.08 | 10 | 0.54 | 1665 | 2 | 0.01 | 21 | 1550 | 8 | 0.05 | <2 | 6 | 14 | 0.3 | <10 | <10 | 230 | <10 | 101 |
| L8S 20+50W | <0.005 | 0.3 | 1.29 | 5 | <10 | 190 | <0.5 | <2 | 0.11 | 0.8 | 6 | 17 | 45 | 3.62 | 10 | <1 | 0.07 | 10 | 0.17 | 270 | 9 | 0.01 | 14 | 700 | 9 | 0.03 | <2 | 1 | 11 | 0.02 | <10 | <10 | 64 | <10 | 83 |
| L8S 21+00W | <0.005 | 0.7 | 1.99 | <2 | <10 | 130 | <0.5 | 2 | 0.05 | 0.8 | 7 | 19 | 52 | 4.03 | 10 | <1 | 0.09 | 20 | 0.4 | 369 | 7 | 0.01 | 18 | 910 | 13 | 0.02 | <2 | 3 | 8 | 0.01 | <10 | <10 | 50 | <10 | 124 |
| L8S 21+50W | <0.005 | 0.3 | 1.67 | 2 | <10 | 140 | <0.5 | 2 | 0.1 | <0.5 | 6 | 21 | 40 | 4.04 | 10 | <1 | 0.07 | 10 | 0.27 | 284 | 4 | 0.01 | 13 | 900 | 6 | 0.02 | <2 | 2 | 7 | 0.03 | <10 | <10 | 74 | <10 | 71 |
| L8S 22+00W | <0.005 | 0.3 | 2.01 | 12 | <10 | 160 | <0.5 | <2 | 0.18 | <0.5 | 9 | 27 | 63 | 4.68 | 10 | <1 | 0.08 | 10 | 0.52 | 1215 | 5 | 0.01 | 22 | 1170 | 9 | 0.02 | <2 | 3 | 12 | 0.02 | 10 | <10 | 68 | <10 | 87 |
| L8S 22+50W | <0.005 | 0.6 | 1.43 | 3 | <10 | 190 | <0.5 | <2 | 0.26 | <0.5 | 8 | 17 | 31 | 2.97 | 10 | <1 | 0.11 | 10 | 0.31 | 1660 | 4 | 0.01 | 11 | 1040 | 10 | 0.03 | <2 | 1 | 15 | 0.01 | <10 | <10 | 61 | <10 | 64 |
| L8S 23+00W | 0.006 | 3.2 | 2.68 | 15 | <10 | 550 | 0.8 | 3 | 0.45 | 0.9 | 44 | 30 | 317 | 5.01 | 10 | <1 | 0.12 | 40 | 0.44 | 1570 | 15 | 0.02 | 57 | 1060 | 23 | 0.05 | 2 | 7 | 63 | 0.01 | <10 | <10 | 51 | <10 | 296 |
| L8S 23+50W | <0.005 | 0.4 | 1.64 | 4 | <10 | 210 | <0.5 | <2 | 0.27 | <0.5 | 6 | 25 | 42 | 3.58 | 10 | <1 | 0.07 | 10 | 0.44 | 343 | 2 | 0.01 | 19 | 1470 | 4 | 0.05 | <2 | 1 | 15 | 0.01 | 10 | <10 | 67 | <10 | 71 |
| L8S 24+00W | <0.005 | 0.5 | 1.34 | 2 | <10 | 150 | <0.5 | <2 | 0.29 | <0.5 | 6 | 20 | 36 | 2.96 | 10 | 14 | 0.06 | 20 | 0.16 | 433 | 4 | 0.01 | 10 | 950 | 7 | 0.03 | <2 | 1 | 10 | 0.05 | <10 | <10 | 87 | <10 | 59 |
| L8S 24+50W | <0.005 | 0.6 | 2.14 | 6 | <10 | 560 | 0.7 | 2 | 0.88 | 0.7 | 19 | 46 | 73 | 4.38 | <10 | 1 | 0.08 | 10 | 0.39 | 3390 | 4 | 0.01 | 33 | 1530 | 15 | 0.07 | <2 | 5 | 69 | 0.02 | <10 | <10 | 62 | <10 | 163 |
| L8S 25+00W | <0.005 | 0.3 | 1.93 | <2 | <10 | 160 | <0.5 | 3 | 0.26 | <0.5 | 24 | 36 | 73 | 8.45 | 10 | 12 | 0.05 | 10 | 0.32 | 1510 | 2 | 0.01 | 26 | 1870 | <2 | 0.04 | <2 | 7 | 8 | 0.04 | <10 | <10 | 206 | <10 | 104 |
| L9S 20+50W | <0.005 | 0.7 | 2.02 | 8 | <10 | 330 | 0.5 | 2 | 0.5 | 0.6 | 10 | 20 | 64 | 3.9 | 10 | <1 | 0.09 | 10 | 0.4 | 358 | 7 | 0.01 | 22 | 830 | 12 | 0.04 | <2 | 3 | 68 | 0.01 | <10 | <10 | 51 | <10 | 225 |
| L9S 21+00W | <0.005 | 1 | 1.63 | 8 | <10 | 100 | <0.5 | <2 | 0.08 | <0.5 | 13 | 23 | 80 | 4.93 | <10 | <1 | 0.07 | 10 | 0.3 | 528 | 5 | 0.01 | 25 | 1050 | 10 | 0.02 | <2 | 2 | 9 | 0.02 | 10 | <10 | 61 | <10 | 98 |
| L9S 21+50W | 0.01 | 2.1 | 2.51 | 3 | <10 | 730 | 1 | 2 | 0.51 | 2.3 | 25 | 28 | 330 | 3.67 | <10 | 1 | 0.07 | 40 | 0.36 | 3640 | 12 | 0.01 | 60 | 1120 | 22 | 0.06 | 2 | 7 | 75 | 0.01 | 10 | <10 | 46 | <10 | 265 |
| L9S 22+00W | <0.005 | 0.3 | 1.63 | 3 | <10 | 280 | <0.5 | <2 | 0.49 | 0.9 | 7 | 19 | 54 | 3.25 | 10 | <1 | 0.09 | 10 | 0.46 | 408 | 4 | 0.01 | 14 | 830 | 10 | 0.03 | <2 | 2 | 46 | 0.01 | <10 | <10 | 53 | <10 | 91 |
| L9S 22+50W | <0.005 | 0.9 | 1.38 | <2 | <10 | 390 | <0.5 | <2 | 0.23 | 0.6 | 6 | 17 | 50 | 3.18 | 10 | <1 | 0.09 | 20 | 0.21 | 219 | 8 | 0.01 | 11 | 480 | 15 | 0.02 | <2 | 3 | 18 | 0.02 | <10 | <10 | 70 | <10 | 104 |
| L9S 23+00W | <0.005 | 0.2 | 1.68 | 8 | <10 | 180 | <0.5 | 2 | 0.08 | 0.6 | 8 | 23 | 91 | 4.93 | 10 | 1 | 0.08 | 20 | 0.36 | 331 | 11 | 0.01 | 32 | 870 | 13 | 0.02 | <2 | 3 | 12 | 0.01 | <10 | <10 | 53 | <10 | 145 |
| L9S 23+50W | <0.005 | 0.2 | 1.51 | 4 | <10 | 180 | <0.5 | <2 | 0.14 | <0.5 | 5 | 17 | 45 | 3.01 | 10 | <1 | 0.08 | 20 | 0.16 | 354 | 9 | 0.01 | 12 | 780 | 12 | 0.03 | <2 | 1 | 11 | 0.02 | <10 | <10 | 80 | <10 | 70 |
| L9S 24+00W | <0.005 | 0.8 | 2.65 | 13 | <10 | 460 | 0.7 | 3 | 0.24 | <0.5 | 14 | 29 | 100 | 6.18 | 10 | <1 | 0.07 | 10 | 0.48 | 474 | 5 | 0.01 | 29 | 800 | 11 | 0.04 | <2 | 6 | 28 | 0.01 | <10 | <10 | 69 | <10 | 198 |
| L9S 24+50W | <0.005 | <0.2 | 1.98 | <2 | <10 | 300 | <0.5 | 2 | 0.29 | <0.5 | 12 | 43 | 50 | 5.84 | 10 | <1 | 0.08 | 10 | 0.5 | 567 | 5 | 0.01 | 23 | 1230 | 7 | 0.03 | <2 | 4 | 13 | 0.08 | 10 | <10 | 136 | <10 | 84 |
| L9S 25+00W | <0.005 | 0.3 | 2.04 | 14 | <10 | 150 | <0.5 | 2 | 0.27 | <0.5 | 10 | 43 | 38 | 5.68 | 10 | <1 | 0.07 | 10 | 0.43 | 436 | 3 | 0.01 | 21 | 1110 | 3 | 0.03 | <2 | 5 | 9 | 0.14 | 10 | <10 | 122 | <10 | 78 |
| L10S 20+50W | <0.005 | 0.3 | 1.23 | <2 | <10 | 290 | <0.5 | 2 | 0.31 | <0.5 | 9 | 16 | 44 | 3.46 | 10 | <1 | 0.11 | 20 | 0.2 | 445 | 8 | 0.01 | 16 | 500 | 13 | 0.02 | <2 | 2 | 34 | 0.01 | <10 | <10 | 47 | <10 | 123 |
| L10S 21+00W | <0.005 | 0.4 | 1.46 | 6 | <10 | 160 | <0.5 | 2 | 0.03 | <0.5 | 5 | 14 | 50 | 3.17 | 10 | <1 | 0.08 | 10 | 0.24 | 203 | 12 | 0.01 | 11 | 600 | 20 | 0.03 | <2 | 3 | 12 | <0.01 | <10 | <10 | 52 | <10 | 73 |
| L10S 21+50W | <0.005 | 0.8 | 1.44 | 2 | <10 | 370 | <0.5 | 2 | 0.38 | 0.5 | 6 | 16 | 54 | 3.77 | 10 | <1 | 0.09 | 20 | 0.18 | 200 | 9 | 0.01 | 11 | 730 | 10 | 0.04 | <2 | 2 | 44 | 0.01 | <10 | <10 | 63 | <10 | 92 |
| L10S 22+00W | <0.005 | 0.2 | 1.31 | 2 | <10 | 360 | 0.5 | 2 | 0.2 | <0.5 | 9 | 9 | 37 | 4.05 | <10 | <1 | 0.08 | 30 | 0.1 | 467 | 8 | 0.01 | 14 | 1010 | 10 | 0.02 | <2 | 3 | 24 | 0.01 | <10 | <10 | 56 | <10 | 69 |
| L10S 22+50W | <0.005 | 0.3 | 0.91 | 5 | <10 | 180 | <0.5 | 2 | 0.1 | <0.5 | 8 | 10 | 75 | 3.76 | 10 | <1 | 0.09 | 20 | 0.06 | 154 | 14 | 0.01 | 24 | 550 | 12 | 0.02 | <2 | 1 | 14 | 0.01 | <10 | <10 | 58 | <10 | 112 |
| L10S 23+00W | <0.005 | 0.3 | 1.14 | 10 | <10 | 310 | <0.5 | <2 | 0.39 | 0.8 | 8 | 23 | 54 | 4.06 | 10 | <1 | 0.09 | 10 | 0.21 | 407 | 6 | 0.01 | 20 | 1010 | 9 | 0.03 | <2 | 2 | 31 | 0.04 | <10 | <10 | 81 | <10 | 92 |
| L10S 23+50W | <0.005 | 0.5 | 1.72 | 2 | <10 | 140 | <0.5 | <2 | 0.12 | <0.5 | 7 | 24 | 46 | 3.84 | 10 | 1 | 0.07 | 20 | 0.34 | 607 | 3 | 0.01 | 16 | 920 | 7 | 0.02 | <2 | 3 | 8 | 0.03 | <10 | <10 | 73 | <10 | 89 |
| L10S 24+00W | <0.005 | <0.2 | 1.93 | <2 | <10 | 600 | 0.5 | <2 | 0.41 | 0.6 | 19 | 33 | 54 | 5.15 | 10 | <1 | 0.11 | 10 | 0.46 | 1085 | 6 | 0.01 | 26 | 750 | 15 | 0.03 | <2 | 4 | 31 | 0.03 | <10 | <10 | 79 | <10 | 196 |

VA05058856 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 190
DATE RECEIVED : 2005-07-18  DATE FINALIZED : 2005-07-28
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L10S 24+50W | <0.005 | <0.2 | 1.19 | 4 | <10 | 320 | <0.5 | <2 | 0.15 | <0.5 | 10 | 31 | 41 | 3.72 | 10 | <1 | 0.09 | 20 | 0.28 | 897 | 5 | 0.01 | 23 | 660 | 10 | 0.03 | <2 | 2 | 10 | 0.03 | <10 | <10 | 80 | <10 | 83 |
| L10S 25+00W | <0.005 | 1.1 | 1.79 | 8 | <10 | 810 | 0.8 | <2 | 0.88 | 1.3 | 22 | 29 | 70 | 4.15 | <10 | 1 | 0.1 | 10 | 0.25 | 6970 | 7 | 0.01 | 43 | 1120 | 19 | 0.06 | <2 | 6 | 71 | 0.01 | <10 | <10 | 44 | <10 | 148 |

VA05051914 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 157
DATE RECEIVED : 2005-06-29 DATE FINALIZED : 2005-07-07
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : "RESULTS WITHIN 7 DAYS"
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm |
| L25+00N 32+50W | 0.016 | 1.8 | 1.39 | 45 | <10 | 170 | 0.7 | 2 | 0.27 | 2.5 | 53 | 18 | 337 | 4.66 | <10 | <1 |
| L25+00N 33+00W | 0.01 | 3.1 | 1.6 | 176 | <10 | 120 | 0.9 | <2 | 0.15 | 1.3 | 22 | 21 | 390 | 5.68 | 10 | <1 |
| L25+00N 33+50W | <0.005 | 0.5 | 0.88 | 10 | <10 | 210 | <0.5 | <2 | 0.09 | 0.6 | 7 | 14 | 32 | 2.12 | <10 | <1 |
| L25+00N 34+00W | <0.005 | 0.3 | 1.79 | 22 | <10 | 130 | <0.5 | <2 | 0.05 | 0.5 | 10 | 35 | 47 | 5.48 | 10 | <1 |
| L25+00N 34+50W | 0.009 | 2.2 | 2.43 | 20 | <10 | 200 | 0.7 | <2 | 0.93 | 1.4 | 11 | 29 | 151 | 4.31 | <10 | <1 |
| L25+00N 35+00W | <0.005 | 2.2 | 1.94 | 12 | <10 | 190 | 0.5 | <2 | 0.36 | 3.9 | 26 | 22 | 112 | 3.74 | <10 | <1 |
| L25+00N 35+50W | <0.005 | 0.5 | 1.08 | 10 | <10 | 240 | <0.5 | <2 | 0.49 | 0.5 | 4 | 13 | 42 | 2.22 | <10 | <1 |
| L25+00N 36+00W | <0.005 | <0.2 | 1.2 | 10 | <10 | 110 | <0.5 | <2 | 0.13 | <0.5 | 4 | 17 | 25 | 2.57 | 10 | <1 |
| L25+00N 36+50W | <0.005 | 0.4 | 1.58 | 11 | <10 | 90 | <0.5 | <2 | 0.11 | <0.5 | 4 | 20 | 26 | 3.28 | 10 | <1 |
| L25+00N 37+00W | <0.005 | 0.4 | 0.87 | 9 | <10 | 60 | <0.5 | <2 | 0.08 | <0.5 | 2 | 11 | 13 | 1.4 | 10 | <1 |
| L25+00N 37+50W | <0.005 | 0.9 | 1.58 | 20 | <10 | 350 | <0.5 | <2 | 0.68 | 1.2 | 8 | 24 | 31 | 2.55 | <10 | <1 |
| L25+00N 38+00W | <0.005 | 0.5 | 1.28 | 20 | <10 | 120 | <0.5 | <2 | 0.07 | 0.7 | 10 | 18 | 64 | 3.85 | <10 | <1 |
| L25+00N 38+50W | <0.005 | 0.4 | 1.56 | 13 | <10 | 430 | <0.5 | <2 | 0.31 | 1.2 | 8 | 22 | 51 | 2.69 | 10 | <1 |
| L25+00N 39+00W | 0.005 | <0.2 | 1.06 | 3 | <10 | 80 | <0.5 | <2 | 0.1 | <0.5 | 1 | 12 | 8 | 0.69 | 10 | <1 |
| L25+00N 39+50W | 0.007 | 0.3 | 1.4 | 11 | <10 | 150 | <0.5 | <2 | 0.16 | 0.5 | 10 | 19 | 56 | 3.5 | 10 | <1 |
| L25+00N 40+00W | 0.009 | 1.2 | 2.74 | 6 | <10 | 240 | <0.5 | <2 | 0.47 | 0.5 | 10 | 28 | 120 | 2.94 | 10 | <1 |
| L25+00N 40+50W | 0.006 | 0.3 | 1.62 | 6 | <10 | 280 | <0.5 | <2 | 0.58 | 0.6 | 6 | 22 | 36 | 3.66 | 10 | <1 |
| L25+00N 41+00W | 0.006 | 0.5 | 1.92 | 6 | <10 | 320 | <0.5 | <2 | 0.26 | 0.6 | 9 | 25 | 54 | 3.36 | 10 | <1 |
| L25+00N 41+50W | 0.008 | 0.6 | 1.76 | 4 | <10 | 270 | <0.5 | <2 | 0.38 | 0.5 | 14 | 17 | 36 | 2.06 | 10 | <1 |
| L25+00N 42+00W | <0.005 | <0.2 | 1.46 | 4 | <10 | 100 | <0.5 | <2 | 0.21 | <0.5 | 3 | 13 | 12 | 1.06 | 10 | <1 |
| L25+00N 42+50W | <0.005 | 0.2 | 2.98 | 10 | <10 | 250 | 0.8 | <2 | 0.26 | 0.7 | 11 | 29 | 56 | 4.3 | 10 | <1 |
| L25+00N 43+00W | 0.005 | <0.2 | 1.62 | 5 | <10 | 350 | <0.5 | <2 | 0.69 | <0.5 | 7 | 20 | 22 | 2.75 | 10 | <1 |
| L25+00N 43+50W | <0.005 | <0.2 | 1.98 | 8 | <10 | 390 | 0.5 | <2 | 0.31 | <0.5 | 10 | 27 | 41 | 3.88 | 10 | <1 |
| L25+00N 44+00W | 0.005 | 0.2 | 1.96 | 7 | <10 | 370 | <0.5 | <2 | 0.42 | <0.5 | 6 | 21 | 36 | 2.69 | 10 | <1 |
| L25+00N 44+50W | <0.005 | 0.3 | 2.19 | 11 | <10 | 390 | 0.8 | <2 | 0.51 | 0.6 | 16 | 27 | 73 | 3.79 | 10 | <1 |
| L25+00N 45+00W | 0.005 | <0.2 | 2.14 | 15 | <10 | 110 | <0.5 | <2 | 0.24 | <0.5 | 6 | 22 | 38 | 3.77 | 10 | <1 |
| L25+00N 45+50W | <0.005 | <0.2 | 1.62 | 8 | <10 | 290 | <0.5 | <2 | 0.51 | <0.5 | 3 | 13 | 14 | 1.95 | 10 | <1 |
| L25+00N 46+00W | <0.005 | 0.2 | 1.58 | 8 | <10 | 70 | <0.5 | <2 | 0.1 | <0.5 | 3 | 14 | 17 | 2.6 | 10 | <1 |
| L25+00N 46+50W | 0.008 | <0.2 | 1.18 | 5 | <10 | 70 | <0.5 | <2 | 0.16 | <0.5 | 2 | 13 | 11 | 1.37 | 10 | <1 |
| L26+00N 32+50W | 0.009 | 1.5 | 1.76 | 25 | <10 | 140 | 0.7 | <2 | 0.32 | 2.2 | 29 | 21 | 299 | 4.12 | <10 | <1 |
| L26+00N 33+00W | 0.017 | 2.4 | 3.23 | 119 | <10 | 220 | 1.2 | <2 | 0.31 | 4.3 | 24 | 32 | 402 | 4.32 | <10 | <1 |
| L26+00N 33+50W | 0.019 | 1.5 | 1.59 | 599 | <10 | 420 | 0.5 | 23 | 0.48 | 3.1 | 18 | 20 | 147 | 3.6 | <10 | <1 |
| L26+00N 34+00W | <0.005 | 0.9 | 2.11 | 28 | <10 | 320 | 1 | <2 | 0.66 | 4.2 | 18 | 24 | 83 | 3 | 10 | <1 |
| L26+00N 34+50W | 0.01 | 1.8 | 3.03 | 26 | <10 | 380 | 1.6 | <2 | 0.95 | 1.7 | 18 | 24 | 96 | 7.93 | 10 | 1 |
| L26+00N 35+00W | 0.041 | 1.2 | 2.53 | 644 | <10 | 250 | 1.1 | <2 | 0.59 | 4.3 | 25 | 25 | 136 | 5.33 | 10 | <1 |
| L26+00N 35+50W | <0.005 | 0.6 | 2.02 | 20 | <10 | 270 | 0.5 | <2 | 1.46 | 4.9 | 14 | 21 | 73 | 3.1 | <10 | <1 |
| L26+00N 36+00W | 0.007 | 0.8 | 2.07 | 21 | <10 | 530 | 0.9 | <2 | 0.58 | 2.5 | 14 | 18 | 83 | 3.82 | 10 | <1 |
| L26+00N 36+50W | <0.005 | 0.2 | 1.92 | 15 | <10 | 210 | <0.5 | <2 | 0.11 | 0.6 | 7 | 22 | 57 | 4.1 | 10 | <1 |
| L26+00N 37+00W | <0.005 | 0.2 | 1.49 | 9 | <10 | 80 | <0.5 | <2 | 0.29 | <0.5 | 4 | 21 | 28 | 2.18 | 10 | <1 |
| L26+00N 37+50W | <0.005 | 0.3 | 1.18 | 5 | <10 | 200 | <0.5 | <2 | 0.06 | <0.5 | 9 | 13 | 30 | 2.05 | 10 | <1 |
| L26+00N 38+00W | <0.005 | 0.6 | 1.54 | 15 | <10 | 100 | <0.5 | <2 | 0.08 | <0.5 | 6 | 24 | 35 | 4.48 | 10 | <1 |
| L26+00N 38+50W | 0.005 | 0.3 | 1.72 | 14 | <10 | 150 | <0.5 | <2 | 0.06 | 0.5 | 7 | 25 | 49 | 3.43 | 10 | <1 |
| L26+00N 39+00W | <0.005 | 0.8 | 1.39 | 12 | <10 | 70 | <0.5 | <2 | 0.06 | <0.5 | 4 | 19 | 32 | 3.55 | 10 | <1 |
| L26+00N 39+50W | <0.005 | 0.5 | 1.45 | 10 | <10 | 600 | <0.5 | <2 | 0.34 | 0.6 | 20 | 14 | 45 | 2.57 | 10 | <1 |
| L26+00N 40+00W | <0.005 | 0.5 | 2.28 | 4 | <10 | 250 | 0.5 | <2 | 0.33 | 0.6 | 8 | 22 | 144 | 2.43 | 10 | <1 |
| L26+00N 40+50W | 0.006 | 0.3 | 2.23 | 10 | <10 | 330 | 0.7 | <2 | 0.28 | 0.8 | 13 | 25 | 84 | 3.36 | 10 | <1 |
| L26+00N 41+00W | 0.005 | 0.8 | 1.6 | 6 | <10 | 60 | <0.5 | <2 | 0.1 | <0.5 | 5 | 20 | 35 | 2.97 | 10 | <1 |
| L26+00N 41+50W | 0.005 | 0.6 | 2.64 | 10 | <10 | 420 | 0.8 | <2 | 0.58 | 1.6 | 13 | 30 | 86 | 3.73 | 10 | <1 |
| L26+00N 42+00W | <0.005 | 0.2 | 1.91 | 6 | <10 | 350 | <0.5 | <2 | 0.52 | <0.5 | 6 | 23 | 27 | 2.83 | 10 | <1 |
| L26+00N 42+50W | <0.005 | 0.4 | 2.44 | 7 | <10 | 380 | 0.7 | <2 | 0.27 | 0.6 | 11 | 29 | 42 | 3.6 | 10 | <1 |
| L26+00N 43+00W | 0.011 | 0.5 | 2.15 | 5 | <10 | 350 | 0.6 | <2 | 0.4 | 0.6 | 11 | 24 | 44 | 3.01 | 10 | <1 |
| L26+00N 43+50W | <0.005 | 1 | 2.04 | 10 | <10 | 370 | 0.6 | <2 | 0.31 | 0.8 | 22 | 20 | 48 | 3.33 | 10 | 1 |
| L26+00N 44+00W | <0.005 | 0.3 | 1.22 | 6 | <10 | 220 | <0.5 | <2 | 0.19 | <0.5 | 3 | 14 | 21 | 1.8 | 10 | <1 |
| L26+00N 44+50W | <0.005 | 0.7 | 1.46 | 9 | <10 | 110 | <0.5 | <2 | 0.17 | <0.5 | 6 | 21 | 31 | 3.6 | 10 | 1 |
| L26+00N 45+00W | <0.005 | 0.2 | 1.12 | 4 | <10 | 110 | <0.5 | <2 | 0.17 | 0.5 | 4 | 13 | 17 | 2.49 | 10 | <1 |
| L26+00N 45+50W | <0.005 | <0.2 | 0.86 | 4 | <10 | 50 | <0.5 | <2 | 0.09 | <0.5 | 1 | 8 | 7 | 0.59 | 10 | <1 |
| L26+00N 46+00W | <0.005 | 0.2 | 1.44 | 6 | <10 | 70 | <0.5 | <2 | 0.28 | <0.5 | 2 | 16 | 13 | 2.71 | 10 | <1 |
| L26+00N 46+50W | <0.005 | 0.3 | 1.38 | 2 | <10 | 90 | <0.5 | <2 | 0.11 | <0.5 | 3 | 15 | 21 | 1.64 | 10 | <1 |
| L26+00N 47+00W | 0.007 | <0.2 | 0.97 | 6 | <10 | 80 | <0.5 | <2 | 0.21 | <0.5 | 11 | 17 | 78 | 2.74 | <10 | <1 |
| L27+00N 32+50W | <0.005 | 0.9 | 2.02 | 19 | <10 | 270 | 0.9 | <2 | 0.64 | 3.5 | 16 | 18 | 245 | 3.84 | 10 | <1 |
| L27+00N 33+00W | <0.005 | 0.6 | 1.46 | 14 | <10 | 290 | <0.5 | <2 | 0.37 | 1.3 | 5 | 16 | 90 | 3.14 | 10 | <1 |
| L27+00N 33+50W | 0.006 | 0.6 | 1.37 | 112 | <10 | 170 | <0.5 | 2 | 0.1 | 1.3 | 3 | 17 | 73 | 4.02 | 10 | <1 |
| L27+00N 34+00W | 0.006 | 0.7 | 1.51 | 9 | <10 | 110 | <0.5 | <2 | 0.02 | <0.5 | 3 | 16 | 55 | 2.13 | 10 | <1 |
| L27+00N 34+50W | <0.005 | 0.7 | 1.34 | 22 | <10 | 80 | <0.5 | 2 | 0.03 | <0.5 | 4 | 19 | 45 | 3.33 | 10 | <1 |
| L27+00N 35+00W | <0.005 | 0.3 | 1.05 | 13 | <10 | 90 | <0.5 | <2 | 0.03 | <0.5 | 2 | 11 | 35 | 1.87 | 10 | <1 |
| L27+00N 35+50W | <0.005 | 0.5 | 1.57 | 18 | <10 | 440 | <0.5 | <2 | 0.41 | 0.8 | 10 | 19 | 63 | 3.98 | 10 | <1 |
| L27+00N 36+00W | <0.005 | 0.3 | 1.66 | 8 | <10 | 230 | <0.5 | <2 | 0.38 | 0.6 | 11 | 21 | 58 | 3.71 | 10 | <1 |
| L27+00N 36+50W | <0.005 | 0.5 | 2.51 | 14 | <10 | 450 | 0.7 | <2 | 0.38 | 0.7 | 22 | 32 | 87 | 4.52 | 10 | 1 |
| L27+00N 37+00W | <0.005 | 0.2 | 1.82 | 7 | <10 | 100 | <0.5 | <2 | 0.08 | <0.5 | 5 | 25 | 50 | 3.44 | 10 | <1 |
| L27+00N 37+50W | <0.005 | 0.3 | 2.85 | 8 | <10 | 260 | 0.8 | <2 | 0.28 | 2.3 | 10 | 45 | 34 | 4 | 10 | <1 |
| L27+00N 38+00W | <0.005 | <0.2 | 1.5 | 12 | <10 | 100 | <0.5 | <2 | 0.05 | <0.5 | 7 | 25 | 52 | 4.27 | <10 | <1 |
| L27+00N 38+50W | <0.005 | 1 | 1.44 | 11 | <10 | 80 | <0.5 | <2 | 0.05 | <0.5 | 4 | 22 | 31 | 3.99 | 10 | <1 |
| L27+00N 39+00W | <0.005 | 0.4 | 1.45 | 11 | <10 | 140 | <0.5 | <2 | 0.04 | <0.5 | 4 | 20 | 31 | 3.25 | 10 | <1 |
| L27+00N 39+50W | <0.005 | 0.2 | 2.41 | 11 | <10 | 260 | 0.6 | <2 | 0.47 | 1.4 | 7 | 41 | 35 | 3.69 | 10 | <1 |
| L27+00N 40+00W | <0.005 | 0.4 | 1.62 | 10 | <10 | 510 | 0.5 | <2 | 0.17 | <0.5 | 6 | 20 | 62 | 3.08 | 10 | <1 |
| L27+00N 40+50W | <0.005 | 0.2 | 1.2 | 9 | <10 | 70 | <0.5 | 2 | 0.05 | <0.5 | 2 | 13 | 32 | 2.43 | <10 | <1 |
| L27+00N 41+00W | 0.005 | <0.2 | 1.31 | 8 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 4 | 15 | 17 | 2.12 | 10 | <1 |
| L27+00N 41+50W | <0.005 | 0.5 | 1.52 | 9 | <10 | 130 | <0.5 | <2 | 0.04 | <0.5 | 5 | 19 | 76 | 3.54 | 10 | <1 |
| L27+00N 42+00W | <0.005 | 0.4 | 1.58 | 5 | <10 | 120 | <0.5 | <2 | 0.07 | <0.5 | 4 | 17 | 55 | 2.76 | 10 | <1 |
| L27+00N 42+50W | <0.005 | 0.2 | 1.34 | 4 | <10 | 270 | <0.5 | <2 | 0.04 | <0.5 | 5 | 13 | 51 | 2.2 | 10 | <1 |
| L27+00N 43+00W | <0.005 | 0.5 | 1.72 | 14 | <10 | 100 | <0.5 | <2 | 0.05 | <0.5 | 5 | 28 | 53 | 4.98 | 10 | <1 |
| L27+00N 43+50W | <0.005 | 0.4 | 1.11 | 5 | <10 | 60 | <0.5 | 2 | 0.05 | <0.5 | 4 | 19 | 18 | 2.72 | 10 | <1 |
| L27+00N 44+00W | <0.005 | 0.7 | 1.51 | 10 | <10 | 100 | <0.5 | <2 | 0.06 | <0.5 | 7 | 23 | 43 | 4.01 | 10 | <1 |
| L27+00N 44+50W | <0.005 | 0.2 | 1.18 | 8 | <10 | 150 | <0.5 | <2 | 0.06 | <0.5 | 5 | 20 | 28 | 2.48 | 10 | <1 |
| L28+00N 32+50W | <0.005 | 0.3 | 1.34 | 8 | <10 | 120 | <0.5 | <2 | 0.1 | <0.5 | 3 | 14 | 30 | 1.72 | 10 | <1 |
| L28+00N 33+00W | <0.005 | 0.4 | 2.13 | 9 | <10 | 230 | <0.5 | <2 | 0.04 | <0.5 | 8 | 21 | 57 | 3.84 | 10 | <1 |
| L28+00N 33+50W | 0.016 | 1.8 | 1.44 | 43 | <10 | 120 | <0.5 | <2 | 0.04 | <0.5 | 7 | 19 | 100 | 5.41 | 10 | <1 |
| L28+00N 34+00W | 0.01 | 0.2 | 1.5 | 35 | <10 | 70 | <0.5 | <2 | 0.03 | <0.5 | 3 | 18 | 67 | 3.85 | 10 | <1 |
| L28+00N 34+50W | 0.007 | 0.7 | 1.94 | 125 | <10 | 110 | <0.5 | <2 | 0.04 | 0.5 | 7 | 23 | 62 | 3.56 | 10 | <1 |
| L28+00N 35+00W | <0.005 | 0.5 | 1.1 | 12 | <10 | 90 | <0.5 | <2 | 0.11 | <0.5 | 4 | 18 | 32 | 2.63 | 10 | <1 |
| L28+00N 35+50W | <0.005 | <0.2 | 0.82 | 6 | <10 | 60 | <0.5 | 2 | 0.06 | <0.5 | 2 | 10 | 21 | 1.22 | 10 | <1 |
| L28+00N 36+00W | <0.005 | 0.2 | 1.36 | 9 | <10 | 90 | <0.5 | <2 | 0.07 | 0.6 | 5 | 19 | 37 | 3.29 | 10 | <1 |
| L28+00N 36+50W | <0.005 | 0.3 | 1.5 | 11 | <10 | 130 | <0.5 | <2 | 0.09 | <0.5 | 7 | 24 | 42 | 3.11 | 10 | <1 |
| L28+00N 37+00W | <0.005 | 0.4 | 1.52 | 11 | <10 | 60 | <0.5 | <2 | 0.05 | <0.5 | 7 | 21 | 59 | 4.18 | <10 | <1 |

| | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L25+00N 32+50W | 0.13 | 30 | 0.41 | 2160 | 11 | 0.01 | 46 | 1330 | 28 | 0.09 | 5 | 1 | 41 | 0.01 | <10 | <10 | 37 | <10 | 208 |
| L25+00N 33+00W | 0.09 | 20 | 0.48 | 875 | 13 | 0.01 | 41 | 1200 | 26 | 0.06 | 10 | 1 | 21 | 0.01 | <10 | <10 | 38 | <10 | 184 |
| L25+00N 33+50W | 0.08 | 20 | 0.1 | 1935 | 8 | <0.01 | 10 | 770 | 10 | 0.02 | <2 | <1 | 12 | 0.02 | <10 | <10 | 34 | <10 | 61 |
| L25+00N 34+00W | 0.05 | 20 | 0.45 | 757 | 6 | <0.01 | 21 | 890 | 12 | 0.04 | 3 | 2 | 9 | 0.08 | <10 | <10 | 125 | <10 | 95 |
| L25+00N 34+50W | 0.07 | 20 | 0.61 | 459 | 9 | <0.01 | 53 | 1430 | 16 | 0.06 | <2 | 4 | 45 | 0.01 | <10 | <10 | 35 | <10 | 260 |
| L25+00N 35+00W | 0.09 | 20 | 0.55 | 1805 | 19 | <0.01 | 46 | 1260 | 15 | 0.04 | <2 | 3 | 40 | 0.02 | <10 | <10 | 35 | <10 | 279 |
| L25+00N 35+50W | 0.07 | 20 | 0.27 | 250 | 7 | <0.01 | 14 | 510 | 10 | 0.02 | <2 | 1 | 53 | 0.02 | <10 | <10 | 35 | <10 | 98 |
| L25+00N 36+00W | 0.05 | 20 | 0.21 | 268 | 5 | <0.01 | 11 | 560 | 10 | 0.01 | <2 | 2 | 7 | 0.08 | <10 | <10 | 62 | <10 | 57 |
| L25+00N 36+50W | 0.04 | 10 | 0.3 | 319 | 4 | <0.01 | 13 | 740 | 10 | 0.01 | <2 | 2 | 6 | 0.06 | <10 | <10 | 64 | <10 | 54 |
| L25+00N 37+00W | 0.04 | 20 | 0.1 | 335 | 3 | <0.01 | 5 | 680 | 7 | 0.05 | <2 | 1 | 6 | 0.04 | <10 | <10 | 44 | <10 | 33 |
| L25+00N 37+50W | 0.07 | 20 | 0.41 | 512 | 3 | <0.01 | 21 | 880 | 9 | 0.02 | <2 | 2 | 29 | 0.02 | <10 | <10 | 39 | <10 | 232 |
| L25+00N 38+00W | 0.07 | 20 | 0.23 | 663 | 10 | <0.01 | 29 | 1170 | 19 | 0.02 | 5 | 1 | 11 | 0.01 | <10 | <10 | 43 | <10 | 206 |
| L25+00N 38+50W | 0.08 | 20 | 0.29 | 1275 | 4 | <0.01 | 29 | 1450 | 12 | 0.01 | 3 | 2 | 15 | 0.01 | <10 | <10 | 47 | <10 | 160 |
| L25+00N 39+00W | 0.02 | 20 | 0.1 | 57 | 2 | <0.01 | 4 | 230 | 5 | <0.01 | <2 | 1 | 6 | 0.02 | <10 | <10 | 35 | <10 | 26 |
| L25+00N 39+50W | 0.08 | 10 | 0.51 | 462 | 5 | <0.01 | 26 | 850 | 13 | 0.02 | <2 | 2 | 10 | 0.03 | <10 | <10 | 37 | <10 | 104 |
| L25+00N 40+00W | 0.07 | 10 | 0.76 | 358 | 3 | <0.01 | 26 | 440 | 10 | 0.01 | <2 | 4 | 44 | 0.02 | <10 | <10 | 59 | <10 | 172 |
| L25+00N 40+50W | 0.08 | 20 | 0.52 | 368 | 4 | <0.01 | 19 | 750 | 9 | 0.02 | <2 | 2 | 79 | 0.04 | <10 | <10 | 54 | <10 | 79 |
| L25+00N 41+00W | 0.1 | 20 | 0.61 | 664 | 8 | <0.01 | 28 | 1210 | 10 | 0.03 | <2 | 1 | 27 | 0.02 | <10 | <10 | 47 | <10 | 189 |
| L25+00N 41+50W | 0.06 | 10 | 0.23 | 1010 | 4 | <0.01 | 10 | 550 | 7 | 0.03 | <2 | 1 | 32 | 0.03 | <10 | <10 | 47 | <10 | 50 |
| L25+00N 42+00W | 0.06 | 20 | 0.16 | 216 | 3 | <0.01 | 5 | 300 | 9 | <0.01 | <2 | 2 | 7 | 0.04 | <10 | <10 | 57 | <10 | 29 |
| L25+00N 42+50W | 0.11 | 10 | 0.58 | 612 | 3 | <0.01 | 24 | 800 | 10 | 0.02 | <2 | 3 | 11 | 0.07 | <10 | <10 | 70 | <10 | 112 |
| L25+00N 43+00W | 0.08 | 10 | 0.69 | 375 | 2 | <0.01 | 18 | 510 | 5 | 0.01 | <2 | 2 | 35 | 0.08 | <10 | <10 | 45 | <10 | 67 |
| L25+00N 43+50W | 0.09 | 10 | 0.55 | 734 | 3 | <0.01 | 21 | 940 | 11 | 0.02 | <2 | 2 | 14 | 0.05 | <10 | <10 | 58 | <10 | 102 |
| L25+00N 44+00W | 0.09 | 10 | 0.55 | 326 | 2 | <0.01 | 20 | 520 | 9 | 0.02 | <2 | 2 | 26 | 0.07 | <10 | <10 | 50 | <10 | 70 |
| L25+00N 44+50W | 0.12 | 20 | 0.62 | 2660 | 4 | <0.01 | 27 | 1490 | 13 | 0.03 | <2 | 2 | 50 | 0.02 | <10 | <10 | 51 | <10 | 138 |
| L25+00N 45+00W | 0.05 | 10 | 0.48 | 452 | 3 | <0.01 | 16 | 760 | 10 | 0.01 | <2 | 3 | 7 | 0.04 | <10 | <10 | 56 | <10 | 60 |
| L25+00N 45+50W | 0.04 | 10 | 0.29 | 227 | 2 | <0.01 | 9 | 300 | 8 | 0.01 | <2 | 2 | 36 | 0.06 | <10 | <10 | 48 | <10 | 44 |
| L25+00N 46+00W | 0.05 | 10 | 0.34 | 280 | 3 | <0.01 | 9 | 850 | 9 | 0.01 | <2 | 1 | 5 | 0.03 | <10 | <10 | 60 | <10 | 45 |
| L25+00N 46+50W | 0.03 | 10 | 0.21 | 188 | 2 | <0.01 | 7 | 390 | 6 | 0.01 | <2 | 2 | 7 | 0.05 | <10 | <10 | 45 | <10 | 30 |
| L26+00N 32+50W | 0.09 | 30 | 0.49 | 1605 | 9 | <0.01 | 55 | 1710 | 21 | 0.05 | 3 | 2 | 31 | 0.01 | <10 | <10 | 32 | <10 | 222 |
| L26+00N 33+00W | 0.08 | 20 | 0.93 | 1810 | 10 | <0.01 | 164 | 1720 | 14 | 0.05 | 5 | 6 | 30 | 0.01 | <10 | <10 | 43 | <10 | 513 |
| L26+00N 33+50W | 0.1 | 20 | 0.3 | 4870 | 15 | <0.01 | 36 | 1440 | 64 | 0.07 | 16 | 2 | 53 | 0.01 | <10 | <10 | 34 | <10 | 181 |
| L26+00N 34+00W | 0.08 | 20 | 0.32 | 4960 | 7 | <0.01 | 30 | 1310 | 16 | 0.04 | 3 | 3 | 29 | 0.01 | <10 | <10 | 47 | <10 | 140 |
| L26+00N 34+50W | 0.06 | 10 | 0.23 | 447 | 19 | <0.01 | 18 | 2390 | 33 | 0.09 | 6 | 4 | 55 | <0.01 | <10 | <10 | 55 | <10 | 230 |
| L26+00N 35+00W | 0.08 | 10 | 0.4 | 4050 | 16 | <0.01 | 53 | 2240 | 30 | 0.08 | 2 | 2 | 65 | 0.01 | <10 | <10 | 44 | <10 | 389 |
| L26+00N 35+50W | 0.05 | 20 | 0.7 | 1770 | 6 | <0.01 | 28 | 6330 | 13 | 0.03 | 3 | 5 | 52 | 0.01 | <10 | <10 | 58 | <10 | 335 |
| L26+00N 36+00W | 0.08 | 10 | 0.24 | 4700 | 15 | <0.01 | 29 | 2680 | 23 | 0.06 | 2 | 2 | 57 | 0.01 | <10 | <10 | 43 | <10 | 247 |
| L26+00N 36+50W | 0.06 | 20 | 0.24 | 274 | 12 | <0.01 | 19 | 770 | 15 | 0.02 | 3 | 3 | 11 | 0.03 | <10 | <10 | 66 | <10 | 110 |
| L26+00N 37+00W | 0.05 | 20 | 0.26 | 315 | 3 | <0.01 | 15 | 2090 | 15 | <0.01 | 5 | 2 | 9 | 0.02 | <10 | <10 | 61 | <10 | 100 |
| L26+00N 37+50W | 0.08 | 20 | 0.32 | 990 | 4 | <0.01 | 15 | 620 | 8 | 0.01 | <2 | 1 | 6 | 0.01 | <10 | <10 | 32 | <10 | 57 |
| L26+00N 38+00W | 0.06 | 20 | 0.33 | 507 | 5 | <0.01 | 19 | 1550 | 17 | 0.01 | 2 | 1 | 8 | 0.02 | <10 | <10 | 57 | <10 | 77 |
| L26+00N 38+50W | 0.07 | 20 | 0.55 | 458 | 5 | <0.01 | 29 | 1200 | 12 | 0.01 | <2 | 2 | 7 | 0.01 | <10 | <10 | 44 | <10 | 94 |
| L26+00N 39+00W | 0.06 | 20 | 0.29 | 247 | 5 | <0.01 | 16 | 900 | 11 | 0.01 | <2 | 2 | 6 | 0.03 | <10 | <10 | 56 | <10 | 54 |
| L26+00N 39+50W | 0.07 | 20 | 0.16 | 577 | 8 | <0.01 | 11 | 810 | 19 | 0.03 | <2 | 1 | 36 | 0.01 | <10 | <10 | 45 | <10 | 67 |
| L26+00N 40+00W | 0.05 | 20 | 0.43 | 225 | 4 | <0.01 | 23 | 590 | 12 | 0.02 | <2 | 3 | 41 | 0.02 | <10 | <10 | 51 | <10 | 237 |
| L26+00N 40+50W | 0.08 | 20 | 0.7 | 730 | 5 | <0.01 | 36 | 780 | 12 | 0.01 | <2 | 5 | 38 | 0.01 | <10 | <10 | 45 | <10 | 168 |
| L26+00N 41+00W | 0.04 | 10 | 0.44 | 291 | 6 | <0.01 | 19 | 540 | 9 | 0.01 | <2 | 2 | 6 | 0.02 | <10 | <10 | 38 | <10 | 62 |
| L26+00N 41+50W | 0.11 | 20 | 0.7 | 2510 | 5 | <0.01 | 36 | 1410 | 12 | 0.03 | <2 | 3 | 51 | 0.02 | <10 | <10 | 53 | <10 | 213 |
| L26+00N 42+00W | 0.05 | 10 | 0.47 | 288 | 4 | <0.01 | 16 | 340 | 8 | 0.01 | <2 | 3 | 36 | 0.03 | <10 | <10 | 57 | <10 | 82 |
| L26+00N 42+50W | 0.07 | 10 | 0.65 | 724 | 4 | <0.01 | 27 | 780 | 11 | 0.03 | <2 | 3 | 21 | 0.02 | <10 | <10 | 54 | <10 | 155 |
| L26+00N 43+00W | 0.13 | 20 | 0.61 | 886 | 3 | <0.01 | 24 | 1770 | 9 | 0.05 | <2 | 2 | 26 | 0.03 | <10 | <10 | 49 | <10 | 112 |
| L26+00N 43+50W | 0.07 | 10 | 0.3 | 1290 | 4 | <0.01 | 16 | 810 | 14 | 0.03 | <2 | 1 | 18 | 0.02 | <10 | <10 | 54 | <10 | 62 |
| L26+00N 44+00W | 0.06 | 10 | 0.24 | 222 | 2 | <0.01 | 10 | 460 | 5 | 0.01 | <2 | 1 | 12 | 0.03 | <10 | <10 | 41 | <10 | 41 |
| L26+00N 44+50W | 0.06 | 10 | 0.5 | 345 | 3 | <0.01 | 19 | 1090 | 7 | 0.02 | <2 | 1 | 9 | 0.03 | <10 | <10 | 44 | <10 | 64 |
| L26+00N 45+00W | 0.05 | 10 | 0.24 | 219 | 3 | <0.01 | 9 | 540 | 8 | 0.01 | <2 | 1 | 9 | 0.06 | <10 | <10 | 38 | <10 | 37 |
| L26+00N 45+50W | 0.04 | 20 | 0.09 | 60 | 1 | <0.01 | 1 | 200 | 4 | <0.01 | 2 | 1 | 4 | 0.02 | <10 | <10 | 27 | <10 | 18 |
| L26+00N 46+00W | 0.05 | 10 | 0.35 | 241 | 2 | <0.01 | 6 | 640 | 8 | 0.01 | 3 | 2 | 7 | 0.08 | <10 | <10 | 49 | <10 | 35 |
| L26+00N 46+50W | 0.05 | 20 | 0.17 | 97 | 3 | <0.01 | 3 | 660 | 8 | 0.01 | 3 | 1 | 5 | 0.03 | <10 | <10 | 61 | <10 | 33 |
| L26+00N 47+00W | 0.05 | 20 | 0.48 | 610 | 4 | <0.01 | 27 | 880 | 10 | 0.01 | 3 | 2 | 13 | 0.07 | <10 | <10 | 28 | <10 | 91 |
| L27+00N 32+50W | 0.08 | 20 | 0.3 | 3470 | 6 | <0.01 | 38 | 2420 | 59 | 0.07 | 4 | 1 | 53 | 0.01 | <10 | <10 | 41 | <10 | 343 |
| L27+00N 33+00W | 0.09 | 20 | 0.22 | 200 | 7 | <0.01 | 18 | 640 | 13 | 0.02 | 4 | 1 | 32 | 0.01 | <10 | <10 | 50 | <10 | 138 |
| L27+00N 33+50W | 0.06 | 20 | 0.24 | 176 | 37 | <0.01 | 13 | 870 | 17 | 0.03 | 7 | 2 | 11 | 0.01 | <10 | <10 | 68 | <10 | 97 |
| L27+00N 34+00W | 0.06 | 20 | 0.15 | 162 | 24 | <0.01 | 5 | 1280 | 16 | 0.02 | 3 | 2 | 5 | <0.01 | <10 | <10 | 49 | <10 | 58 |
| L27+00N 34+50W | 0.05 | 20 | 0.17 | 239 | 12 | <0.01 | 10 | 1120 | 19 | 0.02 | 8 | 1 | 6 | 0.01 | <10 | <10 | 65 | <10 | 73 |
| L27+00N 35+00W | 0.06 | 20 | 0.09 | 104 | 12 | <0.01 | 5 | 500 | 9 | 0.01 | <2 | 2 | 7 | 0.01 | <10 | <10 | 46 | <10 | 77 |
| L27+00N 35+50W | 0.1 | 20 | 0.44 | 1025 | 8 | <0.01 | 21 | 970 | 12 | 0.02 | 3 | 2 | 47 | 0.01 | <10 | <10 | 43 | <10 | 133 |
| L27+00N 36+00W | 0.09 | 20 | 0.38 | 499 | 8 | <0.01 | 18 | 800 | 15 | 0.02 | 3 | 2 | 34 | 0.01 | <10 | <10 | 49 | <10 | 183 |
| L27+00N 36+50W | 0.09 | 20 | 0.6 | 990 | 6 | <0.01 | 29 | 700 | 17 | 0.02 | 4 | 5 | 33 | 0.01 | <10 | <10 | 60 | <10 | 206 |
| L27+00N 37+00W | 0.05 | 20 | 0.43 | 287 | 2 | <0.01 | 20 | 910 | 10 | 0.01 | <2 | 3 | 7 | 0.02 | <10 | <10 | 53 | <10 | 86 |
| L27+00N 37+50W | 0.04 | 20 | 0.45 | 3230 | 2 | <0.01 | 27 | 1830 | 30 | 0.02 | 6 | 4 | 8 | 0.02 | <10 | <10 | 67 | <10 | 271 |
| L27+00N 38+00W | 0.07 | 20 | 0.5 | 420 | 4 | <0.01 | 27 | 740 | 11 | 0.01 | 4 | 2 | 6 | 0.02 | <10 | <10 | 41 | <10 | 92 |
| L27+00N 38+50W | 0.05 | 10 | 0.38 | 296 | 4 | <0.01 | 17 | 1110 | 11 | 0.01 | 2 | 2 | 5 | 0.03 | <10 | <10 | 53 | <10 | 59 |
| L27+00N 39+00W | 0.04 | 10 | 0.22 | 673 | 3 | <0.01 | 11 | 840 | 10 | 0.01 | 2 | 2 | 5 | 0.02 | <10 | <10 | 43 | <10 | 83 |
| L27+00N 39+50W | 0.04 | 20 | 0.49 | 398 | 2 | <0.01 | 23 | 2810 | 10 | 0.01 | <2 | 4 | 14 | 0.02 | <10 | <10 | 72 | <10 | 200 |
| L27+00N 40+00W | 0.06 | 10 | 0.44 | 541 | 5 | <0.01 | 20 | 680 | 8 | 0.01 | 2 | 3 | 17 | 0.01 | <10 | <10 | 40 | <10 | 102 |
| L27+00N 40+50W | 0.05 | 20 | 0.16 | 147 | 5 | <0.01 | 8 | 900 | 9 | 0.01 | <2 | 2 | 5 | 0.02 | <10 | <10 | 52 | <10 | 44 |
| L27+00N 41+00W | 0.04 | 10 | 0.31 | 247 | 2 | <0.01 | 5 | 530 | 6 | 0.01 | <2 | 2 | 4 | 0.02 | <10 | <10 | 55 | <10 | 38 |
| L27+00N 41+50W | 0.05 | 10 | 0.19 | 168 | 9 | <0.01 | 14 | 670 | 12 | 0.02 | 4 | 3 | 8 | 0.01 | <10 | <10 | 45 | <10 | 86 |
| L27+00N 42+00W | 0.07 | 10 | 0.42 | 342 | 5 | <0.01 | 12 | 640 | 9 | 0.02 | <2 | 2 | 7 | 0.01 | <10 | <10 | 42 | <10 | 71 |
| L27+00N 42+50W | 0.08 | 20 | 0.14 | 447 | 5 | <0.01 | 7 | 470 | 14 | 0.01 | 3 | 3 | 6 | 0.01 | <10 | <10 | 44 | <10 | 63 |
| L27+00N 43+00W | 0.05 | 10 | 0.31 | 295 | 6 | <0.01 | 15 | 740 | 15 | 0.01 | 3 | 4 | 5 | 0.02 | <10 | <10 | 66 | <10 | 77 |
| L27+00N 43+50W | 0.04 | 10 | 0.2 | 431 | 3 | <0.01 | 10 | 700 | 7 | <0.01 | <2 | 2 | 7 | 0.03 | <10 | <10 | 59 | <10 | 44 |
| L27+00N 44+00W | 0.05 | 20 | 0.49 | 341 | 5 | <0.01 | 22 | 880 | 12 | 0.01 | 2 | 3 | 6 | 0.03 | <10 | <10 | 46 | <10 | 71 |
| L27+00N 44+50W | 0.04 | 20 | 0.15 | 208 | 3 | <0.01 | 8 | 380 | 9 | 0.01 | 3 | 2 | 6 | 0.02 | <10 | <10 | 68 | <10 | 48 |
| L28+00N 32+50W | 0.07 | 20 | 0.16 | 361 | 3 | <0.01 | 6 | 620 | 18 | 0.01 | 2 | 2 | 9 | 0.01 | <10 | <10 | 51 | <10 | 70 |
| L28+00N 33+00W | 0.11 | 20 | 0.36 | 374 | 9 | <0.01 | 9 | 450 | 20 | 0.01 | 2 | 4 | 7 | <0.01 | <10 | <10 | 65 | <10 | 116 |
| L28+00N 33+50W | 0.08 | 20 | 0.21 | 716 | 59 | <0.01 | 21 | 1200 | 24 | 0.04 | 9 | 2 | 14 | 0.01 | <10 | <10 | 80 | <10 | 142 |
| L28+00N 34+00W | 0.06 | 20 | 0.19 | 140 | 14 | <0.01 | 11 | 1640 | 16 | 0.05 | 7 | 2 | 13 | 0.01 | <10 | <10 | 64 | <10 | 70 |
| L28+00N 34+50W | 0.05 | 20 | 0.28 | 774 | 8 | <0.01 | 23 | 1180 | 169 | 0.04 | 135 | 4 | 15 | 0.01 | <10 | <10 | 64 | <10 | 362 |
| L28+00N 35+00W | 0.06 | 10 | 0.25 | 294 | 4 | <0.01 | 11 | 1010 | 8 | 0.01 | <2 | 1 | 7 | 0.02 | <10 | <10 | 51 | <10 | 55 |
| L28+00N 35+50W | 0.05 | 20 | 0.08 | 72 | 4 | <0.01 | 3 | 450 | 6 | <0.01 | 2 | 1 | 6 | 0.01 | <10 | <10 | 36 | <10 | 34 |
| L28+00N 36+00W | 0.04 | 10 | 0.29 | 278 | 4 | <0.01 | 16 | 440 | 10 | 0.01 | <2 | 1 | 7 | 0.02 | <10 | <10 | 39 | <10 | 66 |
| L28+00N 36+50W | 0.05 | 10 | 0.53 | 486 | 2 | <0.01 | 17 | 590 | 9 | 0.01 | 2 | 2 | 6 | 0.04 | <10 | <10 | 51 | <10 | 80 |
| L28+00N 37+00W | 0.05 | 10 | 0.45 | 402 | 3 | <0.01 | 20 | 1040 | 8 | 0.01 | 3 | 3 | 5 | 0.02 | <10 | <10 | 38 | <10 | 76 |

VA05051914 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 157
DATE RECEIVED : 2005-06-29 DATE FINALIZED : 2005-07-07
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : "RESULTS WITHIN 7 DAYS"
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L28+00N 37+50W | <0.005 | 0.3 | 1.48 | 7 | <10 | 110 | <0.5 | <2 | 0.06 | <0.5 | 4 | 21 | 21 | 3.31 | 10 | <1 | 0.06 | 10 | 0.27 | 235 | 3 | <0.01 | 13 | 900 | 9 | 0.01 | 2 | 2 | 5 | 0.04 | <10 | <10 | 58 | <10 | 53 |
| L28+00N 38+00W | <0.005 | 0.4 | 1.84 | 2 | <10 | 210 | <0.5 | <2 | 0.51 | 0.9 | 10 | 37 | 26 | 3.15 | 10 | <1 | 0.04 | 20 | 0.55 | 369 | 1 | <0.01 | 24 | 3050 | 11 | <0.01 | 4 | 3 | 12 | 0.02 | <10 | <10 | 56 | <10 | 128 |
| L28+00N 38+50W | <0.005 | 0.5 | 1.64 | 5 | <10 | 330 | 0.6 | <2 | 2.36 | 2.6 | 6 | 45 | 18 | 2.33 | <10 | <1 | 0.05 | 50 | 0.94 | 596 | <1 | <0.01 | 17 | 5250 | 11 | 0.02 | 5 | 3 | 40 | 0.01 | <10 | <10 | 48 | <10 | 169 |
| L28+00N 39+00W | <0.005 | 0.4 | 1.82 | 9 | <10 | 370 | <0.5 | <2 | 0.2 | 0.5 | 7 | 28 | 33 | 3 | 10 | <1 | 0.04 | 20 | 0.48 | 375 | 2 | <0.01 | 22 | 1080 | 8 | <0.01 | 2 | 4 | 7 | 0.02 | <10 | <10 | 44 | <10 | 108 |
| L28+00N 39+50W | <0.005 | <0.2 | 1.35 | 13 | <10 | 110 | <0.5 | 2 | 0.07 | <0.5 | 5 | 21 | 33 | 3.02 | 10 | <1 | 0.05 | 10 | 0.26 | 318 | 3 | <0.01 | 13 | 830 | 9 | 0.01 | 4 | 1 | 5 | 0.02 | <10 | <10 | 50 | <10 | 66 |
| L28+00N 40+00W | <0.005 | 0.3 | 1.06 | 18 | <10 | 110 | <0.5 | <2 | 0.04 | <0.5 | 4 | 13 | 27 | 2.37 | <10 | <1 | 0.04 | 10 | 0.19 | 188 | 4 | <0.01 | 11 | 780 | 8 | 0.01 | <2 | 2 | 5 | 0.02 | <10 | <10 | 34 | <10 | 50 |
| L28+00N 40+50W | <0.005 | 0.4 | 1.38 | 8 | <10 | 100 | <0.5 | <2 | 0.07 | <0.5 | 4 | 19 | 33 | 4.08 | 10 | <1 | 0.05 | 10 | 0.29 | 375 | 4 | <0.01 | 11 | 1680 | 12 | 0.01 | 2 | 2 | 5 | 0.02 | <10 | <10 | 44 | <10 | 59 |
| L28+00N 41+00W | <0.005 | 0.2 | 1.03 | 7 | <10 | 70 | <0.5 | <2 | 0.07 | <0.5 | 1 | 13 | 16 | 1.69 | 10 | <1 | 0.04 | 10 | 0.13 | 125 | 2 | <0.01 | 4 | 400 | 6 | 0.01 | <2 | 1 | 4 | 0.03 | <10 | <10 | 43 | <10 | 26 |
| L28+00N 41+50W | <0.005 | <0.2 | 1.74 | 12 | <10 | 170 | <0.5 | <2 | 0.1 | <0.5 | 6 | 22 | 59 | 3.87 | 10 | <1 | 0.07 | 10 | 0.49 | 458 | 5 | <0.01 | 22 | 480 | 13 | 0.01 | 2 | 3 | 12 | 0.01 | <10 | <10 | 45 | <10 | 154 |
| L28+00N 42+00W | 0.013 | 0.9 | 1.02 | 14 | <10 | 130 | <0.5 | <2 | 0.05 | <0.5 | 11 | 14 | 122 | 3.91 | <10 | <1 | 0.07 | 10 | 0.33 | 572 | 12 | <0.01 | 27 | 660 | 16 | 0.01 | 3 | 2 | 7 | 0.01 | <10 | <10 | 26 | <10 | 140 |
| L29+00N 32+50W | <0.005 | 0.9 | 1.86 | 15 | <10 | 140 | <0.5 | <2 | 0.05 | <0.5 | 6 | 23 | 49 | 5.53 | 10 | <1 | 0.06 | 20 | 0.39 | 310 | 6 | <0.01 | 16 | 570 | 11 | 0.02 | <2 | 2 | 6 | 0.01 | <10 | <10 | 49 | <10 | 91 |
| L29+00N 33+00W | <0.005 | 0.4 | 1.13 | 19 | <10 | 230 | <0.5 | <2 | 0.05 | <0.5 | 3 | 15 | 61 | 4.85 | 10 | <1 | 0.07 | 20 | 0.12 | 180 | 16 | <0.01 | 8 | 1180 | 29 | 0.03 | <2 | 1 | 9 | 0.01 | <10 | <10 | 60 | <10 | 78 |
| L29+00N 33+50W | 0.023 | 0.9 | 1.56 | 75 | 10 | 160 | 0.6 | 3 | 0.1 | 1.6 | 34 | 20 | 123 | 4.97 | <10 | <1 | 0.06 | 20 | 0.52 | 2160 | 12 | <0.01 | 87 | 730 | 31 | 0.02 | 12 | 3 | 15 | <0.01 | <10 | <10 | 31 | <10 | 283 |
| L29+00N 34+00W | 0.005 | 0.3 | 1.46 | 41 | <10 | 120 | <0.5 | <2 | 0.12 | <0.5 | 5 | 21 | 53 | 3.54 | 10 | <1 | 0.04 | 10 | 0.44 | 274 | 5 | <0.01 | 19 | 620 | 11 | 0.02 | 4 | 3 | 9 | 0.02 | <10 | <10 | 47 | <10 | 79 |
| L29+00N 34+50W | 0.011 | 0.7 | 1.34 | 25 | <10 | 160 | <0.5 | <2 | 0.41 | 0.9 | 12 | 21 | 83 | 3.39 | <10 | <1 | 0.07 | 20 | 0.66 | 639 | 6 | <0.01 | 39 | 550 | 17 | 0.02 | 7 | 3 | 28 | 0.02 | <10 | <10 | 31 | <10 | 135 |
| L29+00N 35+00W | <0.005 | 0.5 | 1.83 | 30 | <10 | 320 | 0.5 | <2 | 0.35 | 0.6 | 24 | 37 | 30 | 4.69 | 10 | <1 | 0.05 | 10 | 0.54 | 2300 | 2 | <0.01 | 22 | 940 | 13 | 0.02 | 5 | 4 | 15 | 0.02 | <10 | <10 | 87 | <10 | 118 |
| L29+00N 35+50W | <0.005 | 1.3 | 1.28 | 11 | <10 | 60 | <0.5 | <2 | 0.08 | <0.5 | 5 | 18 | 45 | 3.89 | 10 | <1 | 0.06 | 10 | 0.3 | 326 | 4 | <0.01 | 10 | 990 | 10 | 0.01 | <2 | 1 | 6 | 0.02 | <10 | <10 | 55 | <10 | 65 |
| L29+00N 36+00W | <0.005 | 0.4 | 1.44 | 7 | <10 | 140 | <0.5 | <2 | 0.15 | <0.5 | 4 | 18 | 27 | 3.19 | 10 | <1 | 0.05 | 10 | 0.23 | 1235 | 4 | <0.01 | 8 | 900 | 10 | 0.01 | 2 | 1 | 6 | 0.03 | <10 | <10 | 61 | <10 | 51 |
| L29+00N 36+50W | 0.011 | 1.1 | 1.61 | 16 | <10 | 240 | <0.5 | <2 | 0.63 | 0.7 | 19 | 19 | 112 | 3.9 | <10 | <1 | 0.08 | 10 | 0.57 | 849 | 5 | <0.01 | 32 | 720 | 16 | 0.02 | 3 | 4 | 53 | <0.01 | <10 | <10 | 34 | <10 | 188 |
| L29+00N 37+00W | <0.005 | <0.2 | 2.1 | 11 | <10 | 120 | <0.5 | <2 | 0.06 | <0.5 | 10 | 28 | 42 | 4.8 | 10 | <1 | 0.06 | 20 | 0.63 | 530 | 3 | <0.01 | 23 | 690 | 13 | 0.01 | <2 | 3 | 6 | 0.02 | <10 | <10 | 59 | <10 | 94 |
| L29+00N 37+50W | <0.005 | 0.5 | 1.83 | 9 | <10 | 170 | <0.5 | <2 | 0.08 | <0.5 | 13 | 28 | 62 | 4.32 | 10 | <1 | 0.08 | 10 | 0.5 | 982 | 4 | <0.01 | 20 | 880 | 13 | 0.02 | <2 | 2 | 7 | 0.02 | <10 | <10 | 63 | <10 | 130 |
| L29+00N 38+00W | <0.005 | 0.2 | 1.92 | 7 | <10 | 140 | <0.5 | <2 | 0.16 | <0.5 | 5 | 28 | 20 | 3.02 | 10 | <1 | 0.04 | 10 | 0.35 | 277 | 1 | <0.01 | 14 | 1300 | 7 | 0.01 | 3 | 4 | 7 | 0.03 | <10 | <10 | 59 | <10 | 90 |
| L29+00N 38+50W | 0.005 | 0.6 | 1.62 | 8 | <10 | 320 | 0.6 | <2 | 0.64 | 1.8 | 14 | 30 | 56 | 3.45 | <10 | <1 | 0.06 | 30 | 0.49 | 942 | 3 | <0.01 | 35 | 3290 | 13 | 0.02 | 5 | 3 | 15 | 0.02 | <10 | <10 | 45 | <10 | 134 |
| L29+00N 39+00W | 0.005 | 0.6 | 1.4 | 8 | <10 | 340 | <0.5 | <2 | 0.23 | 0.8 | 8 | 31 | 42 | 2.91 | <10 | <1 | 0.05 | 20 | 0.41 | 417 | 3 | <0.01 | 33 | 1100 | 8 | 0.01 | <2 | 4 | 9 | 0.03 | <10 | <10 | 40 | <10 | 127 |
| L29+00N 39+50W | 0.005 | 0.2 | 0.95 | 9 | <10 | 130 | <0.5 | <2 | 0.27 | 0.6 | 14 | 49 | 74 | 2.83 | <10 | <1 | 0.05 | 10 | 0.64 | 734 | 4 | <0.01 | 53 | 980 | 9 | 0.01 | <2 | 3 | 13 | 0.05 | <10 | <10 | 30 | <10 | 105 |
| L29+00N 40+00W | 0.005 | 0.2 | 1.2 | 8 | <10 | 300 | <0.5 | <2 | 0.39 | <0.5 | 13 | 53 | 57 | 2.86 | <10 | <1 | 0.06 | 10 | 0.71 | 832 | 1 | <0.01 | 52 | 1020 | 8 | 0.01 | 2 | 3 | 21 | 0.04 | <10 | <10 | 35 | <10 | 89 |
| L29+00N 40+50W | <0.005 | 0.4 | 1.39 | 9 | <10 | 120 | <0.5 | <2 | 0.15 | <0.5 | 6 | 49 | 32 | 3.02 | 10 | <1 | 0.04 | 10 | 0.45 | 443 | 2 | <0.01 | 23 | 640 | 13 | 0.02 | <2 | 2 | 9 | 0.04 | <10 | <10 | 53 | <10 | 76 |
| L29+00N 41+00W | <0.005 | 0.2 | 1.18 | 4 | <10 | 140 | <0.5 | <2 | 0.22 | <0.5 | 5 | 30 | 21 | 2.37 | 10 | <1 | 0.06 | 10 | 0.42 | 290 | 2 | <0.01 | 16 | 560 | 7 | <0.01 | <2 | 2 | 19 | 0.06 | <10 | <10 | 45 | <10 | 58 |
| L29+00N 41+50W | 0.006 | 0.8 | 1.64 | 12 | <10 | 160 | 0.5 | <2 | 0.49 | 1 | 12 | 30 | 89 | 3.49 | <10 | <1 | 0.09 | 20 | 0.65 | 660 | 3 | <0.01 | 44 | 1020 | 10 | 0.03 | <2 | 4 | 49 | 0.02 | <10 | <10 | 35 | <10 | 188 |
| L29+00N 42+00W | 0.005 | 0.3 | 1.87 | 7 | <10 | 170 | <0.5 | <2 | 0.3 | <0.5 | 16 | 40 | 74 | 4.53 | <10 | <1 | 0.07 | 10 | 0.78 | 998 | 3 | <0.01 | 48 | 1260 | 10 | 0.01 | 4 | 4 | 15 | 0.04 | <10 | <10 | 47 | <10 | 114 |
| L30+00N 32+50W | <0.005 | 0.8 | 2.1 | 20 | <10 | 130 | <0.5 | <2 | 0.14 | <0.5 | 11 | 34 | 70 | 6.48 | 10 | <1 | 0.07 | 20 | 0.65 | 447 | 6 | <0.01 | 32 | 880 | 16 | 0.02 | 4 | 2 | 15 | 0.02 | <10 | <10 | 50 | <10 | 114 |
| L30+00N 33+00W | <0.005 | 0.5 | 1.68 | 23 | <10 | 550 | 0.5 | 2 | 0.33 | 0.9 | 14 | 21 | 78 | 4.76 | 10 | <1 | 0.1 | 20 | 0.5 | 1195 | 6 | <0.01 | 34 | 1480 | 24 | 0.03 | 8 | 3 | 40 | 0.01 | <10 | <10 | 39 | <10 | 238 |
| L30+00N 33+50W | 0.021 | 3.1 | 1.32 | 190 | <10 | 120 | <0.5 | 17 | 0.28 | 1.8 | 25 | 19 | 178 | 7.31 | <10 | 1 | 0.07 | 20 | 0.35 | 963 | 18 | <0.01 | 58 | 760 | 66 | 0.04 | 23 | 4 | 60 | 0.01 | <10 | <10 | 37 | <10 | 375 |
| L30+00N 34+00W | <0.005 | 0.4 | 1.7 | 13 | <10 | 210 | <0.5 | <2 | 0.07 | <0.5 | 6 | 23 | 39 | 2.61 | 10 | <1 | 0.05 | 10 | 0.41 | 266 | 4 | <0.01 | 21 | 360 | 9 | 0.02 | 2 | 3 | 6 | 0.03 | <10 | <10 | 45 | <10 | 67 |
| L30+00N 34+50W | <0.005 | 0.3 | 1.53 | 15 | <10 | 90 | <0.5 | <2 | 0.09 | <0.5 | 10 | 47 | 40 | 3.59 | <10 | <1 | 0.04 | 10 | 0.61 | 490 | 4 | <0.01 | 34 | 520 | 10 | 0.02 | 3 | 2 | 7 | 0.04 | <10 | <10 | 44 | <10 | 74 |
| L30+00N 35+00W | <0.005 | 0.2 | 0.99 | 8 | <10 | 120 | <0.5 | <2 | 0.25 | 0.6 | 12 | 35 | 49 | 2.73 | <10 | <1 | 0.05 | 10 | 0.6 | 678 | 3 | 0.01 | 35 | 710 | 8 | 0.02 | 2 | 2 | 10 | 0.04 | <10 | <10 | 31 | <10 | 80 |
| L30+00N 35+50W | 0.014 | 0.4 | 1.35 | 28 | <10 | 240 | <0.5 | <2 | 0.11 | 0.5 | 11 | 25 | 49 | 3.59 | <10 | 1 | 0.05 | 10 | 0.37 | 835 | 4 | <0.01 | 27 | 650 | 11 | 0.02 | 3 | 3 | 6 | 0.02 | <10 | <10 | 41 | <10 | 113 |
| L30+00N 36+00W | 0.005 | 0.8 | 1.89 | 17 | <10 | 220 | 0.7 | <2 | 0.46 | 1.1 | 14 | 34 | 99 | 3.74 | <10 | <1 | 0.05 | 10 | 0.49 | 834 | 4 | 0.01 | 48 | 650 | 12 | 0.03 | 2 | 3 | 30 | 0.02 | <10 | <10 | 42 | <10 | 152 |
| L30+00N 36+50W | <0.005 | 0.3 | 1.33 | 12 | <10 | 140 | <0.5 | <2 | 0.11 | <0.5 | 7 | 44 | 34 | 3.12 | <10 | <1 | 0.05 | 10 | 0.55 | 421 | 3 | 0.01 | 30 | 480 | 6 | 0.02 | <2 | 3 | 7 | 0.04 | <10 | <10 | 53 | <10 | 68 |
| L30+00N 37+00W | 0.009 | 0.5 | 1.63 | 9 | <10 | 200 | <0.5 | <2 | 0.15 | <0.5 | 9 | 29 | 74 | 3.41 | <10 | <1 | 0.05 | 10 | 0.58 | 500 | 4 | 0.01 | 29 | 830 | 14 | 0.02 | <2 | 2 | 11 | 0.02 | <10 | <10 | 38 | <10 | 91 |
| L30+00N 37+50W | <0.005 | 0.2 | 1.13 | 8 | <10 | 170 | <0.5 | <2 | 0.25 | 0.5 | 15 | 46 | 67 | 2.88 | <10 | <1 | 0.05 | 10 | 0.7 | 598 | 3 | 0.01 | 42 | 620 | 11 | 0.02 | <2 | 3 | 18 | 0.04 | <10 | <10 | 34 | <10 | 91 |
| L30+00N 38+00W | <0.005 | 0.5 | 1.07 | 6 | <10 | 100 | <0.5 | <2 | 0.36 | <0.5 | 3 | 36 | 22 | 1.9 | <10 | <1 | 0.04 | 10 | 0.29 | 180 | 2 | 0.01 | 15 | 400 | 7 | 0.01 | <2 | 1 | 33 | 0.03 | <10 | <10 | 39 | <10 | 37 |
| L30+00N 38+50W | <0.005 | <0.2 | 1.27 | 5 | <10 | 160 | <0.5 | <2 | 0.22 | <0.5 | 9 | 52 | 39 | 2.58 | <10 | <1 | 0.04 | 10 | 0.62 | 390 | 2 | 0.01 | 40 | 770 | 6 | 0.01 | <2 | 3 | 11 | 0.04 | <10 | <10 | 39 | <10 | 67 |
| L30+00N 39+00W | <0.005 | <0.2 | 1.27 | 9 | <10 | 340 | <0.5 | <2 | 0.35 | 0.5 | 11 | 28 | 44 | 3.3 | <10 | <1 | 0.04 | 10 | 0.47 | 812 | 4 | 0.01 | 24 | 1020 | 7 | 0.02 | <2 | 2 | 13 | 0.06 | <10 | <10 | 43 | <10 | 98 |
| L30+00N 39+50W | <0.005 | <0.2 | 0.99 | 3 | <10 | 280 | <0.5 | <2 | 0.47 | <0.5 | 9 | 48 | 27 | 2.34 | <10 | <1 | 0.05 | 10 | 0.63 | 519 | 2 | 0.01 | 37 | 850 | 6 | 0.01 | <2 | 3 | 21 | 0.04 | <10 | <10 | 33 | <10 | 80 |
| L30+00N 40+00W | <0.005 | <0.2 | 1.4 | 2 | <10 | 180 | <0.5 | <2 | 0.23 | <0.5 | 9 | 45 | 33 | 2.46 | <10 | <1 | 0.04 | 10 | 0.59 | 387 | 2 | 0.01 | 36 | 750 | 5 | 0.01 | <2 | 2 | 11 | 0.04 | <10 | <10 | 38 | <10 | 69 |
| L30+00N 40+50W | <0.005 | <0.2 | 1.31 | 10 | <10 | 230 | <0.5 | <2 | 0.19 | <0.5 | 10 | 39 | 37 | 2.94 | <10 | <1 | 0.05 | 10 | 0.42 | 735 | 2 | 0.01 | 28 | 690 | 8 | 0.01 | <2 | 2 | 10 | 0.03 | <10 | <10 | 43 | <10 | 91 |
| L30+00N 41+00W | <0.005 | <0.2 | 1.14 | 6 | <10 | 140 | <0.5 | <2 | 0.49 | <0.5 | 10 | 44 | 44 | 2.47 | <10 | <1 | 0.06 | 10 | 0.65 | 549 | 2 | 0.01 | 39 | 750 | 6 | 0.01 | <2 | 3 | 47 | 0.04 | <10 | <10 | 33 | <10 | 88 |
| BL32+00W 25+00N | 0.006 | 0.3 | 1.45 | 14 | <10 | 100 | <0.5 | <2 | 0.06 | <0.5 | 2 | 18 | 36 | 2.76 | 10 | <1 | 0.06 | 10 | 0.22 | 212 | 4 | 0.01 | 11 | 790 | 13 | 0.03 | <2 | 1 | 10 | 0.03 | <10 | <10 | 64 | <10 | 63 |
| BL32+00W 25+50N | 0.008 | 0.8 | 1.3 | 107 | <10 | 90 | <0.5 | 3 | 0.07 | 0.6 | 32 | 21 | 99 | 4.79 | 10 | <1 | 0.08 | 20 | 0.19 | 1325 | 12 | 0.01 | 14 | 1530 | 31 | 0.06 | 9 | 1 | 12 | 0.02 | <10 | <10 | 57 | <10 | 90 |
| BL32+00W 26+50N | 0.014 | 2.3 | 1.81 | 23 | <10 | 180 | 2.9 | <2 | 1 | 3.2 | 40 | 19 | 592 | 3.36 | <10 | <1 | 0.05 | 80 | 0.19 | 1555 | 4 | 0.01 | 50 | 2600 | 25 | 0.11 | <2 | 3 | 91 | 0.01 | <10 | <10 | 19 | <10 | 251 |
| BL32+00W 27+00N | <0.005 | 0.3 | 0.75 | 9 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 2 | 8 | 39 | 1.51 | <10 | <1 | 0.05 | 30 | 0.05 | 87 | 5 | 0.01 | 5 | 360 | 6 | 0.01 | <2 | 1 | 7 | 0.01 | <10 | <10 | 40 | <10 | 47 |
| BL32+00W 27+50N | 0.01 | <0.2 | 1.43 | 7 | <10 | 70 | <0.5 | <2 | 0.02 | <0.5 | 2 | 13 | 27 | 1.23 | 10 | <1 | 0.03 | 20 | 0.13 | 94 | 5 | 0.01 | 5 | 280 | 5 | <0.01 | <2 | 2 | 5 | 0.01 | <10 | <10 | 51 | <10 | 42 |
| BL32+00W 28+00N | <0.005 | <0.2 | 0.74 | 2 | <10 | 80 | <0.5 | <2 | 0.05 | <0.5 | <1 | 4 | 8 | 0.2 | <10 | <1 | 0.03 | 30 | 0.04 | 16 | 1 | 0.01 | 1 | 220 | 2 | 0.01 | <2 | 1 | 6 | <0.01 | <10 | <10 | 10 | <10 | 13 |
| BL32+00W 28+50N | <0.005 | 0.4 | 1.37 | 30 | <10 | 150 | <0.5 | <2 | 0.1 | <0.5 | 4 | 15 | 24 | 2.82 | 10 | <1 | 0.06 | 20 | 0.17 | 352 | 4 | 0.01 | 10 | 730 | 20 | 0.02 | 6 | 1 | 8 | 0.02 | <10 | <10 | 54 | <10 | 96 |
| BL32+00W 29+00N | <0.005 | 0.2 | 1.45 | 9 | <10 | 60 | <0.5 | <2 | 0.04 | <0.5 | 2 | 17 | 19 | 2.84 | 10 | <1 | 0.03 | 20 | 0.26 | 132 | 3 | 0.01 | 9 | 450 | 8 | 0.01 | <2 | 2 | 5 | 0.02 | <10 | <10 | 49 | <10 | 40 |
| BL32+00W 29+50N | <0.005 | 0.7 | 1.45 | 19 | <10 | 80 | <0.5 | <2 | 0.04 | <0.5 | 4 | 19 | 35 | 3.63 | 10 | <1 | 0.07 | 20 | 0.4 | 339 | 4 | 0.01 | 16 | 1170 | 10 | 0.02 | 2 | 2 | 5 | 0.02 | <10 | <10 | 41 | <10 | 72 |
| BL32+00W 30+00N | <0.005 | 0.3 | 1.32 | 8 | <10 | 70 | <0.5 | <2 | 0.03 | <0.5 | 3 | 15 | 30 | 2.38 | 10 | <1 | 0.06 | 20 | 0.15 | 171 | 5 | 0.01 | 8 | 810 | 9 | 0.02 | <2 | 2 | 6 | 0.01 | <10 | <10 | 52 | <10 | 45 |
| BL32+00W 30+50N | <0.005 | 0.2 | 1.42 | 7 | <10 | 110 | <0.5 | <2 | 0.04 | <0.5 | 3 | 14 | 30 | 1.98 | 10 | <1 | 0.06 | 20 | 0.2 | 182 | 4 | 0.01 | 9 | 530 | 11 | 0.01 | <2 | 2 | 6 | 0.01 | <10 | <10 | 46 | <10 | 45 |
| BL32+00W 31+00N | <0.005 | 0.3 | 1.44 | 12 | <10 | 80 | <0.5 | <2 | 0.06 | <0.5 | 5 | 31 | 27 | 4.42 | 10 | <1 | 0.06 | 10 | 0.41 | 294 | 4 | 0.01 | 21 | 760 | 11 | 0.02 | <2 | 2 | 5 | 0.03 | <10 | <10 | 48 | <10 | 68 |
| BL32+00W 31+50N | <0.005 | <0.2 | 1.05 | 5 | <10 | 60 | <0.5 | <2 | 0.13 | <0.5 | 3 | 23 | 13 | 2.77 | 10 | <1 | 0.03 | 10 | 0.21 | 383 | 3 | 0.01 | 9 | 870 | 6 | 0.01 | <2 | 2 | 5 | 0.11 | <10 | <10 | 57 | <10 | 37 |
| BL32+00W 32+00N | 0.005 | <0.2 | 0.81 | 6 | <10 | 50 | <0.5 | <2 | 0.06 | <0.5 | 2 | 17 | 29 | 1.78 | 10 | <1 | 0.04 | 10 | 0.2 | 195 | 3 | 0.01 | 11 | 550 | 5 | 0.01 | <2 | 1 | 5 | 0.03 | <10 | <10 | 48 | <10 | 36 |
| BL32+00W 32+44N | <0.005 | 0.2 | 1.27 | 9 | <10 | 160 | <0.5 | <2 | 0.34 | <0.5 | 11 | 60 | 38 | 3.24 | <10 | <1 | 0.05 | 10 | 0.76 | 637 | 3 | 0.01 | 39 | 660 | 8 | 0.02 | <2 | 3 | 16 | 0.07 | <10 | <10 | 51 | <10 | 76 |

VA05058857 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 107
DATE RECEIVED : 2005-07-18  DATE FINALIZED : 2005-07-28
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BL 15W 7+50S | <0.005 | 0.5 | 3.69 | 16 | 10 | 660 | 1.8 | 2 | 6.75 | 21.4 | 16 | 111 | 58 | 5.55 | 10 | <1 | 0.15 | 50 | 0.81 | 5610 | 2 | 0.02 | 65 | >10000 | 32 | 0.06 | 2 | 11 | 72 | 0.03 | <10 | <10 | 90 | <10 | 567 |
| BL 15W 7+00S | <0.005 | 0.6 | 1.9 | 12 | <10 | 410 | 0.6 | <2 | 0.32 | 0.9 | 10 | 21 | 89 | 4.68 | 10 | <1 | 0.08 | 10 | 0.31 | 337 | 10 | 0.01 | 37 | 950 | 14 | 0.03 | <2 | 3 | 27 | 0.01 | <10 | <10 | 63 | <10 | 203 |
| BL 15W 6+50S | <0.005 | 0.4 | 1.23 | 5 | <10 | 220 | <0.5 | <2 | 0.03 | 0.5 | 4 | 11 | 73 | 3.69 | <10 | <1 | 0.11 | 30 | 0.12 | 112 | 14 | 0.01 | 17 | 650 | 17 | 0.02 | 2 | 2 | 7 | <0.01 | <10 | <10 | 42 | <10 | 116 |
| BL 15W 6+00S | <0.005 | 0.2 | 1.56 | 36 | <10 | 220 | <0.5 | 2 | 0.25 | 0.6 | 7 | 19 | 44 | 4.72 | 10 | <1 | 0.1 | 20 | 0.22 | 309 | 9 | 0.01 | 21 | 1340 | 18 | 0.03 | 3 | 2 | 13 | 0.02 | <10 | <10 | 72 | <10 | 129 |
| BL 15W 5+50S | <0.005 | 0.3 | 1.37 | 13 | <10 | 210 | <0.5 | <2 | 0.08 | 0.6 | 6 | 16 | 48 | 4.12 | 10 | <1 | 0.07 | 20 | 0.2 | 186 | 7 | 0.01 | 18 | 810 | 13 | 0.03 | 2 | 2 | 8 | 0.02 | <10 | <10 | 71 | <10 | 94 |
| BL 15W 5+00S | <0.005 | 1.1 | 1.6 | 8 | <10 | 130 | <0.5 | 2 | 0.13 | <0.5 | 5 | 16 | 44 | 4.27 | 10 | <1 | 0.09 | 10 | 0.35 | 307 | 4 | 0.01 | 18 | 1660 | 12 | 0.04 | <2 | 2 | 13 | 0.01 | <10 | <10 | 53 | <10 | 92 |
| BL 15W 4+50S | <0.005 | 0.4 | 2.05 | 50 | <10 | 580 | 0.7 | <2 | 0.32 | 0.6 | 14 | 20 | 74 | 4.27 | <10 | <1 | 0.08 | 10 | 0.28 | 378 | 8 | 0.01 | 35 | 700 | 34 | 0.04 | 7 | 3 | 19 | <0.01 | <10 | <10 | 49 | <10 | 227 |
| BL 15W 4+00S | <0.005 | 1.5 | 3.26 | 19 | <10 | 700 | 1.1 | <2 | 0.84 | 1.1 | 12 | 35 | 75 | 4.53 | 10 | <1 | 0.04 | 20 | 0.41 | 330 | 7 | 0.02 | 33 | 660 | 14 | 0.05 | 4 | 7 | 35 | 0.02 | <10 | <10 | 76 | <10 | 173 |
| BL 15W 3+50S | <0.005 | 1.1 | 2.21 | 24 | <10 | 550 | 0.8 | <2 | 0.76 | 2.2 | 15 | 64 | 129 | 5.08 | <10 | 1 | 0.08 | 10 | 0.19 | 268 | 13 | 0.01 | 92 | 1330 | 20 | 0.13 | 4 | 5 | 38 | <0.01 | <10 | 10 | 34 | <10 | 319 |
| BL 15W 3+00S | <0.005 | 0.6 | 3.65 | 21 | <10 | 450 | 1.5 | <2 | 0.82 | 3.5 | 35 | 162 | 73 | 7.16 | 10 | <1 | 0.08 | 30 | 1.16 | 593 | 16 | 0.01 | 176 | 1200 | 18 | 0.03 | 2 | 7 | 29 | <0.01 | <10 | <10 | 124 | <10 | 262 |
| BL 15W 2+50S | 0.005 | 1.1 | 2.56 | 122 | <10 | 990 | 1 | 2 | 1.28 | 3 | 19 | 42 | 67 | 4.73 | 10 | <1 | 0.13 | 20 | 0.35 | 3510 | 12 | 0.02 | 43 | 3970 | 35 | 0.07 | 10 | 5 | 31 | 0.01 | <10 | <10 | 80 | <10 | 467 |
| BL 15W 2+00S | <0.005 | 0.8 | 1.19 | 67 | <10 | 380 | 0.7 | <2 | 3.09 | 5.4 | 21 | 41 | 54 | 5.13 | <10 | <1 | 0.11 | 40 | 0.28 | 1575 | 10 | 0.01 | 94 | 4220 | 30 | 0.08 | 12 | 5 | 40 | 0.01 | <10 | <10 | 51 | <10 | 288 |
| BL 15W 1+50S | <0.005 | 0.6 | 2.61 | 36 | <10 | 210 | 1.1 | 2 | 2.77 | 19.6 | 10 | 113 | 24 | 3.27 | <10 | <1 | 0.06 | 90 | 0.48 | 2510 | 1 | 0.01 | 30 | 5100 | 32 | 0.12 | 15 | 2 | 31 | 0.02 | <10 | <10 | 139 | <10 | 552 |
| BL 15W 1+00S | 0.018 | 3.2 | 3.25 | 79 | <10 | 490 | 2 | 2 | 2.34 | 17.2 | 11 | 123 | 41 | 4.74 | <10 | <1 | 0.05 | 120 | 0.45 | 15900 | 4 | 0.01 | 49 | 8050 | 165 | 0.09 | 34 | 3 | 27 | 0.03 | <10 | <10 | 179 | <10 | 908 |
| BL 15W 0+00S | <0.005 | 0.4 | 1.3 | 71 | <10 | 150 | <0.5 | <2 | 0.11 | 0.6 | 22 | 33 | 70 | 5.16 | <10 | <1 | 0.07 | 20 | 0.15 | 483 | 19 | 0.01 | 103 | 2130 | 32 | 0.02 | 31 | 2 | 13 | 0.01 | <10 | <10 | 57 | <10 | 291 |
| BL 15W 0+50S | 0.008 | 0.6 | 4.02 | 180 | <10 | 300 | 0.9 | <2 | 0.78 | 2.4 | 11 | 82 | 61 | 4.72 | 10 | <1 | 0.07 | 20 | 0.67 | 307 | 11 | 0.01 | 68 | 5460 | 112 | 0.04 | 44 | 4 | 13 | 0.02 | <10 | <10 | 189 | <10 | 449 |
| BL 15W 0+50N | <0.005 | 0.3 | 2.97 | 38 | <10 | 170 | 1 | <2 | 0.73 | 4.1 | 10 | 82 | 27 | 3.69 | 10 | <1 | 0.04 | 10 | 0.59 | 366 | 2 | 0.01 | 36 | 750 | 33 | 0.03 | 9 | 4 | 12 | 0.03 | <10 | <10 | 143 | <10 | 164 |
| BL 15W 1+00N | <0.005 | 0.3 | 3.72 | 78 | <10 | 160 | 1.7 | 3 | 0.5 | 2.9 | 32 | 583 | 34 | 10.9 | 10 | <1 | 0.04 | 20 | 1.75 | 1650 | 12 | 0.01 | 266 | 3760 | 17 | 0.02 | 12 | 12 | 10 | 0.01 | <10 | <10 | 360 | <10 | 421 |
| BL 23W 7+00N | <0.005 | 0.3 | 2.11 | 185 | <10 | 130 | <0.5 | 4 | 0.07 | 1.1 | 5 | 35 | 32 | 3.83 | 10 | <1 | 0.04 | 10 | 0.45 | 220 | 6 | 0.01 | 19 | 970 | 47 | 0.01 | 19 | 2 | 8 | 0.03 | <10 | <10 | 92 | <10 | 280 |
| BL 23W 7+50N | 0.104 | 2.5 | 2.47 | 650 | <10 | 230 | 1.7 | 2 | 1.92 | 28.6 | 12 | 51 | 263 | 3.55 | <10 | 1 | 0.09 | 50 | 0.57 | 1255 | 3 | 0.02 | 64 | 3560 | 76 | 0.08 | 21 | 3 | 57 | 0.02 | <10 | <10 | 47 | <10 | 6310 |
| BL 23W 8+00N | 0.01 | 0.3 | 2.76 | 345 | <10 | 350 | 0.9 | 2 | 0.16 | 2.2 | 8 | 35 | 37 | 4.59 | 10 | <1 | 0.09 | 10 | 0.63 | 313 | 8 | 0.02 | 29 | 760 | 36 | 0.09 | 18 | 2 | 18 | 0.03 | <10 | <10 | 90 | <10 | 1750 |
| BL 23W 8+50N | 0.005 | 0.3 | 1.95 | 959 | <10 | 450 | 0.7 | 2 | 0.17 | 3 | 9 | 28 | 83 | 6.78 | 10 | <1 | 0.08 | 10 | 0.44 | 1670 | 16 | 0.01 | 40 | 860 | 46 | 0.01 | 49 | 3 | 8 | 0.02 | <10 | <10 | 53 | <10 | 671 |
| BL 23W 9+00N | 0.01 | 0.4 | 3.3 | 147 | <10 | 140 | 0.8 | <2 | 0.13 | 1.2 | 10 | 43 | 55 | 3.86 | 10 | <1 | 0.04 | 10 | 0.77 | 403 | 4 | 0.01 | 41 | 1190 | 30 | 0.01 | 10 | 4 | 8 | 0.03 | <10 | <10 | 68 | <10 | 310 |
| BL 23W 9+50N | 0.035 | 1 | 2.11 | 1420 | <10 | 70 | 0.6 | 20 | 0.05 | 6.8 | 3 | 58 | 290 | 21.4 | 10 | <1 | 0.03 | <10 | 0.35 | 335 | 4 | 0.01 | 15 | 1280 | 273 | 0.06 | 200 | 3 | 4 | 0.07 | <10 | <10 | 108 | <10 | 3000 |
| BL 23W 10+00N | 0.029 | 0.5 | 2.46 | 1215 | <10 | 160 | 1.2 | 12 | 1.14 | 62.6 | 12 | 56 | 464 | 18 | <10 | <1 | 0.03 | 50 | 0.21 | 3000 | 3 | 0.01 | 18 | 2800 | 195 | 0.06 | 108 | 4 | 12 | 0.02 | <10 | 10 | 64 | <10 | 7200 |
| BL 23W 10+50N | 0.012 | 0.4 | 1.35 | 220 | <10 | 180 | <0.5 | 10 | 0.04 | 0.8 | 3 | 22 | 21 | 2.73 | 10 | <1 | 0.05 | 10 | 0.26 | 129 | 5 | 0.01 | 12 | 550 | 18 | 0.02 | 5 | 1 | 9 | 0.03 | <10 | <10 | 74 | <10 | 248 |
| BL 23W 11+00N | <0.005 | 0.2 | 1.26 | 128 | <10 | 100 | <0.5 | 4 | 0.06 | 0.5 | 4 | 20 | 20 | 3.17 | 10 | <1 | 0.06 | 10 | 0.23 | 142 | 7 | 0.01 | 11 | 660 | 17 | 0.01 | 7 | 2 | 6 | 0.05 | <10 | <10 | 69 | <10 | 96 |
| BL 23W 11+50N | <0.005 | 0.2 | 1.67 | 15 | <10 | 80 | <0.5 | <2 | 0.18 | <0.5 | 8 | 25 | 54 | 5.1 | 10 | <1 | 0.05 | 10 | 0.56 | 483 | 4 | 0.01 | 26 | 1380 | 12 | 0.01 | <2 | 3 | 7 | 0.06 | <10 | <10 | 61 | <10 | 133 |
| BL 23W 12+00N | 0.042 | 0.6 | 1.83 | 177 | <10 | 260 | 0.7 | 3 | 0.33 | 10.3 | 11 | 35 | 92 | 3.24 | <10 | <1 | 0.07 | 20 | 0.62 | 618 | 3 | 0.01 | 40 | 830 | 22 | 0.02 | 9 | 3 | 14 | 0.03 | <10 | <10 | 55 | <10 | 1760 |
| BL 25W 12+00N | <0.005 | 0.4 | 1.71 | 21 | <10 | 100 | <0.5 | <2 | 0.17 | 0.6 | 10 | 26 | 40 | 4.35 | 10 | <1 | 0.05 | 10 | 0.53 | 737 | 4 | 0.01 | 22 | 780 | 16 | 0.02 | <2 | 2 | 7 | 0.05 | <10 | <10 | 55 | <10 | 82 |
| BL 25W 12+50N | <0.005 | <0.2 | 1.23 | 27 | <10 | 80 | <0.5 | 2 | 0.18 | 0.6 | 11 | 22 | 76 | 4.02 | <10 | <1 | 0.05 | 10 | 0.6 | 617 | 6 | 0.01 | 34 | 860 | 24 | <0.01 | 9 | 3 | 10 | 0.05 | <10 | <10 | 41 | <10 | 130 |
| BL 25W 13+00N | 0.031 | 0.4 | 1.46 | 95 | <10 | 100 | <0.5 | <2 | 0.93 | <0.5 | 9 | 27 | 101 | 4.54 | 10 | <1 | 0.06 | 10 | 0.63 | 774 | 8 | 0.01 | 18 | 760 | 69 | 0.02 | 17 | 2 | 7 | 0.04 | <10 | <10 | 57 | 10 | 84 |
| BL 25W 13+50N | <0.005 | 0.5 | 1.07 | 53 | <10 | 130 | <0.5 | <2 | 0.11 | <0.5 | 5 | 17 | 30 | 2.21 | 10 | <1 | 0.07 | 10 | 0.21 | 667 | 4 | 0.01 | 10 | 680 | 22 | <0.01 | 3 | 2 | 6 | 0.07 | <10 | <10 | 61 | <10 | 65 |
| L1N 15+50W | <0.005 | 1.2 | 3.3 | 121 | <10 | 340 | 1 | 3 | 1 | 3.3 | 14 | 63 | 46 | 4.05 | 10 | <1 | 0.07 | 20 | 0.65 | 666 | 7 | 0.01 | 53 | 5550 | 77 | 0.03 | 19 | 3 | 15 | 0.01 | <10 | <10 | 100 | <10 | 381 |
| L1N 16+00W | <0.005 | 0.4 | 2.7 | 22 | <10 | 250 | 0.6 | 2 | 0.13 | 1 | 13 | 87 | 39 | 4.99 | 10 | <1 | 0.04 | 20 | 0.72 | 278 | 20 | 0.01 | 91 | 1660 | 21 | 0.02 | <2 | 3 | 7 | 0.01 | <10 | <10 | 80 | <10 | 139 |
| L1N 16+50W | 0.031 | 1 | 3.93 | 176 | <10 | 270 | 1.5 | <2 | 0.31 | 3.2 | 21 | 125 | 59 | 5.58 | 10 | <1 | 0.06 | 30 | 0.54 | 769 | 20 | 0.01 | 133 | 1110 | 40 | 0.02 | 22 | 5 | 13 | 0.02 | <10 | <10 | 130 | <10 | 290 |
| L1N 17+00W | <0.005 | <0.2 | 1.37 | 36 | <10 | 230 | <0.5 | 2 | 0.03 | <0.5 | 7 | 14 | 66 | 3.51 | 10 | <1 | 0.07 | 20 | 0.11 | 317 | 20 | 0.01 | 36 | 980 | 21 | 0.01 | 5 | 1 | 6 | 0.01 | <10 | <10 | 56 | <10 | 189 |
| L1N 17+50W | <0.005 | 0.6 | 1.89 | 81 | <10 | 200 | <0.5 | 3 | 0.05 | 0.6 | 7 | 32 | 61 | 5.25 | 10 | <1 | 0.1 | 20 | 0.41 | 262 | 11 | 0.01 | 32 | 820 | 38 | 0.02 | 14 | 3 | 8 | 0.03 | <10 | <10 | 71 | <10 | 224 |
| L1N 18+00W | 0.019 | 0.8 | 2.24 | 142 | <10 | 110 | <0.5 | 4 | 0.09 | 0.8 | 10 | 55 | 59 | 4.28 | 10 | <1 | 0.08 | 20 | 0.73 | 522 | 6 | 0.01 | 48 | 730 | 44 | <0.01 | 20 | 3 | 6 | 0.03 | <10 | <10 | 67 | <10 | 542 |
| L1N 18+50W | <0.005 | 0.8 | 2.72 | 312 | <10 | 290 | 0.9 | 2 | 0.11 | 4.4 | 14 | 33 | 74 | 4.11 | <10 | <1 | 0.09 | 20 | 0.49 | 1270 | 6 | 0.01 | 34 | 2100 | 32 | 0.05 | 13 | 2 | 12 | 0.01 | <10 | <10 | 63 | <10 | 1155 |
| L1N 19+00W | 0.01 | 0.6 | 1.76 | 34 | <10 | 110 | <0.5 | <2 | 0.05 | <0.5 | 4 | 22 | 39 | 4.14 | 10 | <1 | 0.07 | 10 | 0.33 | 322 | 6 | 0.01 | 14 | 1040 | 19 | 0.01 | 6 | 2 | 7 | 0.03 | <10 | <10 | 75 | <10 | 86 |
| L1N 19+50W | <0.005 | 0.2 | 0.94 | 30 | <10 | 60 | <0.5 | <2 | 0.09 | <0.5 | 3 | 14 | 17 | 1.69 | 10 | <1 | 0.06 | 10 | 0.17 | 136 | 4 | 0.01 | 7 | 490 | 21 | 0.01 | 7 | 1 | 10 | 0.03 | <10 | <10 | 50 | <10 | 54 |
| L1N 20+00W | <0.005 | 1.2 | 2.31 | 42 | <10 | 230 | 0.7 | 2 | 0.84 | 2.2 | 9 | 34 | 57 | 3.09 | 10 | <1 | 0.12 | 10 | 0.67 | 991 | 4 | 0.02 | 25 | 1590 | 21 | 0.07 | 6 | 2 | 30 | 0.03 | <10 | <10 | 58 | <10 | 340 |
| L1N 20+50W | 0.007 | 0.4 | 1.48 | 59 | <10 | 360 | <0.5 | 3 | 0.22 | 0.5 | 4 | 17 | 34 | 2.41 | 10 | <1 | 0.08 | 10 | 0.35 | 379 | 6 | 0.01 | 12 | 530 | 35 | 0.02 | 17 | 1 | 23 | 0.02 | <10 | <10 | 51 | <10 | 75 |
| L1N 21+00W | 0.005 | 0.4 | 2.28 | 40 | <10 | 330 | 0.7 | 2 | 0.25 | <0.5 | 9 | 28 | 69 | 3.38 | 10 | <1 | 0.1 | 10 | 0.66 | 348 | 7 | 0.01 | 23 | 600 | 19 | 0.03 | 4 | 2 | 27 | 0.03 | <10 | <10 | 65 | <10 | 109 |
| L1N 21+50W | 0.013 | 0.5 | 2.48 | 73 | <10 | 100 | <0.5 | 3 | 0.07 | <0.5 | 6 | 30 | 66 | 4.25 | 10 | <1 | 0.09 | 10 | 0.66 | 247 | 6 | 0.01 | 21 | 740 | 24 | 0.04 | 10 | 2 | 12 | 0.03 | <10 | <10 | 70 | <10 | 81 |
| L1N 22+00W | 0.006 | 0.8 | 2.89 | 52 | <10 | 240 | 0.9 | 2 | 0.3 | 0.7 | 11 | 36 | 164 | 3.75 | 10 | <1 | 0.13 | 20 | 0.9 | 569 | 7 | 0.01 | 43 | 840 | 24 | 0.05 | 10 | 4 | 38 | 0.03 | <10 | <10 | 62 | <10 | 181 |
| L1N 22+50W | 0.006 | 0.3 | 1.9 | 50 | <10 | 340 | 0.5 | 2 | 0.46 | 0.7 | 10 | 27 | 100 | 3.24 | 10 | <1 | 0.1 | 10 | 0.77 | 460 | 5 | 0.02 | 26 | 830 | 25 | 0.05 | 8 | 3 | 47 | 0.03 | <10 | <10 | 53 | <10 | 137 |
| L1N 23+00W | <0.005 | <0.2 | 1.88 | 44 | <10 | 210 | <0.5 | 3 | 0.32 | <0.5 | 7 | 24 | 56 | 3.63 | 10 | <1 | 0.1 | 10 | 0.54 | 580 | 5 | 0.01 | 19 | 800 | 24 | 0.05 | 7 | 1 | 38 | 0.02 | <10 | <10 | 58 | <10 | 146 |
| L1N 23+50W | <0.005 | 0.2 | 1.71 | 48 | <10 | 100 | <0.5 | 2 | 0.1 | 0.5 | 6 | 22 | 57 | 3.49 | 10 | <1 | 0.06 | 10 | 0.44 | 437 | 5 | 0.01 | 17 | 700 | 18 | 0.03 | 8 | 1 | 12 | 0.01 | <10 | <10 | 55 | <10 | 78 |
| L1N 24+00W | <0.005 | 0.2 | 2.2 | 28 | <10 | 80 | <0.5 | 2 | 0.04 | 0.5 | 8 | 25 | 45 | 4.91 | 10 | <1 | 0.07 | 10 | 0.75 | 442 | 4 | 0.01 | 16 | 700 | 15 | 0.02 | 3 | 2 | 6 | 0.01 | <10 | <10 | 72 | <10 | 83 |
| L1N 24+50W | <0.005 | <0.2 | 1.83 | 21 | <10 | 80 | <0.5 | <2 | 0.06 | <0.5 | 6 | 26 | 44 | 4.56 | 10 | 1 | 0.06 | 10 | 0.47 | 397 | 5 | 0.01 | 17 | 1100 | 14 | 0.03 | 4 | 1 | 6 | 0.02 | <10 | <10 | 73 | <10 | 66 |
| L1N 25+00W | <0.005 | 0.2 | 2.64 | 16 | <10 | 140 | <0.5 | <2 | 0.06 | <0.5 | 7 | 27 | 60 | 3.82 | 10 | <1 | 0.07 | 10 | 0.54 | 346 | 5 | 0.01 | 23 | 650 | 15 | 0.02 | 2 | 2 | 10 | 0.02 | <10 | <10 | 58 | <10 | 122 |
| L13N 15+50W | 0.005 | 0.3 | 1.06 | 67 | <10 | 150 | <0.5 | <2 | 0.36 | 0.7 | 10 | 29 | 52 | 2.71 | <10 | <1 | 0.08 | 10 | 0.59 | 731 | 3 | 0.01 | 34 | 710 | 22 | 0.02 | 9 | 3 | 16 | 0.05 | <10 | <10 | 35 | <10 | 107 |
| L13N 16+00W | <0.005 | 0.3 | 1.42 | 41 | <10 | 140 | <0.5 | 2 | 0.07 | 0.5 | 9 | 27 | 45 | 3.09 | <10 | <1 | 0.05 | 10 | 0.57 | 462 | 4 | 0.01 | 24 | 680 | 16 | 0.03 | 5 | 2 | 9 | 0.01 | <10 | <10 | 45 | <10 | 96 |
| L13N 16+50W | 0.012 | 0.2 | 1.18 | 252 | <10 | 230 | <0.5 | 3 | 0.45 | 1.3 | 9 | 27 | 62 | 3.02 | <10 | <1 | 0.07 | 10 | 0.58 | 611 | 6 | 0.01 | 25 | 840 | 35 | 0.03 | 18 | 2 | 26 | 0.03 | <10 | <10 | 43 | <10 | 267 |
| L13N 17+00W | 0.015 | 0.3 | 1.06 | 158 | <10 | 100 | <0.5 | 3 | 0.3 | <0.5 | 8 | 23 | 51 | 3.05 | <10 | <1 | 0.07 | 10 | 0.44 | 640 | 6 | 0.01 | 22 | 1080 | 35 | 0.02 | 18 | 2 | 10 | 0.04 | <10 | <10 | 46 | <10 | 136 |
| L13N 17+50W | 0.02 | 1.7 | 0.93 | 197 | <10 | 100 | <0.5 | <2 | 0.07 | <0.5 | 4 | 22 | 35 | 2.56 | <10 | 1 | 0.07 | 10 | 0.21 | 189 | 7 | 0.01 | 14 | 980 | 37 | 0.02 | 21 | 1 | 8 | 0.03 | <10 | <10 | 40 | <10 | 77 |
| L13N 18+00W | 0.019 | 0.9 | 0.87 | 148 | <10 | 120 | <0.5 | <2 | 0.12 | 0.6 | 10 | 26 | 52 | 2.73 | <10 | 1 | 0.07 | 10 | 0.35 | 570 | 6 | 0.01 | 19 | 910 | 38 | 0.03 | 25 | 2 | 11 | 0.03 | <10 | <10 | 37 | <10 | 108 |
| L13N 18+50W | 0.025 | 0.9 | 0.67 | 253 | <10 | 260 | <0.5 | 2 | 0.28 | 1 | 4 | 17 | 84 | 2.36 | <10 | <1 | 0.09 | 10 | 0.19 | 215 | 9 | 0.01 | 20 | 640 | 60 | 0.03 | 44 | 1 | 25 | 0.01 | <10 | <10 | 32 | <10 | 107 |
| L13N 19+00W | 0.017 | 0.4 | 0.88 | 91 | <10 | 230 | <0.5 | <2 | 0.25 | 0.5 | 7 | 19 | 34 | 2.46 | <10 | <1 | 0.08 | 10 | 0.27 | 540 | 4 | 0.01 | 16 | 820 | 27 | 0.02 | 16 | 1 | 16 | 0.02 | <10 | <10 | 35 | <10 | 75 |
| L13N 19+50W | 0.028 | 0.8 | 1.22 | 196 | <10 | 140 | <0.5 | 2 | 0.1 | 0.5 | 5 | 25 | 47 | 3.25 | <10 | 1 | 0.07 | 10 | 0.44 | 264 | 5 | 0.01 | 20 | 670 | 38 | 0.03 | 26 | 3 | 9 | 0.03 | <10 | <10 | 45 | <10 | 111 |
| L13N 20+00W | 0.013 | 0.7 | 1.1 | 187 | <10 | 220 | <0.5 | <2 | 0.21 | 0.5 | 7 | 22 | 36 | 2.95 | <10 | <1 | 0.1 | 10 | 0.37 | 657 | 5 | 0.01 | 17 | 710 | 29 | 0.03 | 18 | 1 | 12 | 0.03 | <10 | <10 | 44 | <10 | 126 |
| L13N 20+50W | 0.011 | <0.2 | 1.17 | 143 | <10 | 90 | <0.5 | <2 | 0.21 | 0.6 | 9 | 50 | 43 | 2.72 | <10 | 1 | 0.07 | 10 | 0.58 | 363 | 3 | 0.01 | 34 | 900 | 17 | 0.02 | 8 | 3 | 12 | 0.05 | <10 | <10 | 39 | <10 | 93 |
| L13N 21+00W | 0.01 | 0.6 | 1.36 | 178 | <10 | 170 | <0.5 | 3 | 0.09 | 0.5 | 4 | 22 | 32 | 2.9 | 10 | <1 | 0.08 | 10 | 0.41 | 182 | 4 | 0.01 | 16 | 860 | 20 | 0.02 | 11 | 3 | 9 | 0.03 | <10 | <10 | 53 | <10 | 91 |
| L13N 21+50W | 0.011 | 0.6 | 2.79 | 460 | <10 | 260 | 1 | 2 | 0.49 | 2 | 24 | 58 | 102 | 4.17 | 10 | <1 | 0.13 | 10 | 0.96 | 1065 | 6 | 0.01 | 108 | 560 | 32 | 0.03 | 17 | 5 | 20 | 0.06 | <10 | <10 | 80 | <10 | 562 |
| L13N 22+00W | 0.006 | 0.7 | 4.1 | 128 | <10 | 170 | 1.4 | 2 | 0.37 | 1.6 | 26 | 167 | 90 | 5.13 | 10 | <1 | 0.05 | 10 | 2.17 | 282 | 9 | 0.01 | 192 | 750 | 26 | 0.03 | 11 | 6 | 11 | 0.22 | <10 | <10 | 139 | <10 | 426 |
| L13N 22+50W | 0.018 | 1.6 | 1.99 | 523 | <10 | 180 | 0.7 | 14 | 0.06 | 1.1 | 8 | 29 | 62 | 5.06 | 10 | <1 | 0.09 | 10 | 0.45 | 282 | 10 | 0.01 | 24 | 730 | 149 | 0.05 | 28 | 3 | 8 | 0.04 | <10 | <10 | 78 | <10 | 654 |
| L13N 23+00W | 0.008 | 1.6 | 1.52 | 195 | <10 | 130 | 0.5 | 2 | 0.1 | 0.7 | 5 | 32 | 51 | 3.15 | 10 | <1 | 0.06 | 10 | 0.37 | 209 | 5 | 0.01 | 20 | 340 | 23 | 0.03 | 11 | 3 | 7 | 0.05 | <10 | <10 | 59 | <10 | 147 |
| L13N 23+50W | 0.005 | 0.4 | 1.55 | 38 | <10 | 140 | <0.5 | 8 | 0.17 | 0.7 | 8 | 23 | 58 | 4.23 | <10 | <1 | 0.06 | 10 | 0.56 | 424 | 5 | 0.01 | 29 | 1140 | 15 | 0.02 | 4 | 3 | 7 | 0.04 | <10 | <10 | 45 | <10 | 144 |
| L13N 24+00W | 0.007 | 0.4 | 1.54 | 30 | <10 | 120 | <0.5 | 7 | 0.16 | 0.8 | 9 | 23 | 66 | 4.18 | <10 | 1 | 0.06 | 10 | 0.6 | 459 | 6 | 0.01 | 32 | 960 | 16 | 0.02 | 3 | 3 | 7 | 0.04 | <10 | <10 | 44 | <10 | 142 |
| L13N 24+50W | 0.037 | 0.4 | 1.89 | 154 | <10 | 120 | 0.8 | 4 | 0.26 | 2.9 | 18 | 48 | 108 | 3.53 | <10 | <1 | 0.08 | 20 | 0.83 | 955 | 4 | 0.01 | 64 | 970 | 56 | 0.03 | 24 | 5 | 15 | 0.06 | <10 | <10 | 57 | <10 | 292 |
| L14N 15+00W | 0.007 | 0.4 | 0.94 | 64 | <10 | 100 | <0.5 | <2 | 0.18 | <0.5 | 3 | 24 | 28 | 2.3 | 10 | <1 | 0.07 | 10 | 0.21 | 266 | 4 | 0.01 | 12 | 1160 | 21 | 0.04 | 7 | 1 | 8 | 0.03 | <10 | <10 | 48 | <10 | 57 |
| L14N 15+50W | 0.006 | 0.3 | 1.18 | 45 | <10 | 180 | <0.5 | 2 | 0.25 | 0.7 | 10 | 32 | 49 | 2.78 | <10 | <1 | 0.07 | 10 | 0.55 | 633 | 3 | 0.01 | 32 | 510 | 14 | 0.02 | 5 | 2 | 13 | 0.05 | <10 | <10 | 38 | <10 | 92 |
| L14N 16+00W | 0.008 | 0.4 | 0.96 | 52 | <10 | 160 | <0.5 | 2 | 0.35 | 0.5 | 10 | 27 | 43 | 2.58 | <10 | <1 | 0.08 | 10 | 0.5 | 717 | 3 | 0.01 | 29 | 820 | 19 | 0.03 | 6 | 2 | 20 | 0.04 | <10 | <10 | 32 | <10 | 107 |
| L14N 16+50W | 0.016 | 0.7 | 1.24 | 89 | <10 | 150 | <0.5 | <2 | 0.12 | 0.6 | 8 | 32 | 33 | 2.36 | <10 | <1 | 0.06 | 10 | 0.45 | 376 | 3 | 0.01 | 23 | 400 | 27 | 0.03 | 9 | 2 | 9 | 0.03 | <10 | <10 | 36 | <10 | 98 |
| L14N 17+00W | 0.021 | 1.1 | 1.43 | 192 | <10 | 160 | <0.5 | 2 | 0.15 | 0.9 | 11 | 37 | 69 | 3.69 | <10 | 1 | 0.09 | 10 | 0.46 | 843 | 7 | 0.01 | 34 | 1150 | 43 | 0.04 | 21 | 1 | 12 | 0.03 | <10 | <10 | 47 | <10 | 130 |
| L14N 17+50W | <0.005 | 0.4 | 0.93 | 33 | <10 | 80 | <0.5 | <2 | 0.1 | <0.5 | 2 | 23 | 15 | 1.48 | <10 | <1 | 0.03 | 10 | 0.15 | 132 | 2 | 0.01 | 7 | 560 | 14 | 0.02 | 4 | 1 | 6 | 0.03 | <10 | <10 | 42 | <10 | 36 |
| L14N 18+00W | 0.016 | 1.5 | 1.25 | 162 | <10 | 250 | <0.5 | <2 | 0.16 | 0.9 | 10 | 29 | 56 | 2.91 | <10 | 5 | 0.09 | 10 | 0.48 | 519 | 6 | 0.01 | 27 | 490 | 27 | 0.03 | 20 | 2 | 12 | 0.03 | <10 | <10 | 40 | <10 | 126 |
| L14N 18+50W | 0.009 | 1.5 | 1.02 | 164 | <10 | 220 | <0.5 | 2 | 0.1 | <0.5 | 5 | 21 | 51 | 2.68 | <10 | <1 | 0.09 | 10 | 0.22 | 276 | 12 | 0.01 | 15 | 810 | 38 | 0.03 | 21 | 1 | 11 | 0.01 | <10 | <10 | 43 | <10 | 98 |
| L14N 19+00W | 0.012 | 1.4 | 1.69 | 178 | <10 | 330 | <0.5 | 3 | 0.14 | 0.7 | 6 | 31 | 50 | 3.31 | 10 | <1 | 0.08 | 10 | 0.42 | 228 | 5 | 0.01 | 22 | 470 | 37 | 0.02 | 21 | 3 | 13 | 0.02 | <10 | <10 | 56 | <10 | 121 |
| L14N 19+50W | 0.028 | <0.2 | 1.14 | 184 | <10 | 100 | <0.5 | 2 | 0.14 | <0.5 | 7 | 22 | 58 | 3.22 | <10 | <1 | 0.09 | 10 | 0.51 | 280 | 5 | 0.01 | 21 | 600 | 44 | 0.02 | 28 | 3 | 10 | 0.04 | <10 | <10 | 40 | <10 | 106 |
| L14N 20+00W | 0.008 | 1.6 | 2.39 | 155 | <10 | 630 | 1.5 | <2 | 0.34 | 3.9 | 68 | 27 | 102 | 4.43 | 10 | <1 | 0.09 | 30 | 0.38 | 2050 | 7 | 0.01 | 41 | 900 | 65 | 0.05 | 25 | 2 | 29 | 0.02 | <10 | <10 | 51 | <10 | 530 |
| L14N 20+50W | 0.164 | 7.6 | 2.29 | 2650 | <10 | 330 | 1 | 3 | 0.35 | 4.2 | 20 | 30 | 156 | 5.73 | <10 | 1 | 0.1 | 30 | 0.37 | 1720 | 7 | 0.01 | 74 | 1350 | 262 | 0.1 | 102 | 4 | 33 | 0.01 | <10 | <10 | 37 | <10 | 1230 |
| L14N 21+00W | 0.065 | 6.6 | 3.17 | 3250 | <10 | 300 | 1.2 | 5 | 0.52 | 4.3 | 10 | 29 | 71 | 5.87 | 10 | <1 | 0.07 | 20 | 0.3 | 259 | 8 | 0.01 | 24 | 1350 | 114 | 0.1 | 55 | 4 | 29 | 0.02 | <10 | <10 | 71 | <10 | 933 |
| L14N 21+50W | 0.029 | 1.7 | 2.08 | 1440 | <10 | 290 | 0.6 | 4 | 0.19 | 1 | 6 | 27 | 79 | 4.55 | 10 | <1 | 0.11 | 20 | 0.38 | 184 | 8 | 0.01 | 28 | 510 | 86 | 0.09 | 20 | 4 | 21 | 0.03 | <10 | <10 | 66 | <10 | 577 |
| L14N 22+00W | 0.012 | 0.5 | 1.8 | 332 | <10 | 120 | <0.5 | 2 | 0.05 | <0.5 | 5 | 29 | 41 | 3.98 | 10 | <1 | 0.07 | 10 | 0.41 | 164 | 5 | 0.01 | 20 | 360 | 21 | 0.03 | 11 | 4 | 6 | 0.07 | <10 | <10 | 76 | <10 | 84 |
| L14N 22+50W | 0.007 | 0.4 | 1.43 | 194 | <10 | 160 | <0.5 | 2 | 0.16 | 0.5 | 4 | 25 | 31 | 3.07 | 10 | <1 | 0.08 | 10 | 0.36 | 152 | 4 | 0.01 | 16 | 870 | 18 | 0.03 | 9 | 3 | 9 | 0.07 | <10 | <10 | 71 | <10 | 76 |
| L14N 23+00W | 0.022 | 1.9 | 2.59 | 448 | <10 | 180 | 0.9 | 10 | 0.8 | 3.4 | 14 | 35 | 84 | 4.59 | 10 | 1 | 0.08 | 10 | 0.69 | 713 | 5 | 0.01 | 43 | 1690 | 49 | 0.04 | 33 | 4 | 19 | 0.04 | <10 | <10 | 69 | <10 | 909 |
| L14N 23+50W | 0.048 | 0.8 | 1.01 | 260 | <10 | 150 | <0.5 | 33 | 0.1 | <0.5 | 3 | 20 | 40 | 3.29 | 10 | <1 | 0.12 | 10 | 0.26 | 139 | 19 | 0.01 | 12 | 620 | 36 | 0.08 | 17 | 3 | 9 | 0.08 | <10 | <10 | 68 | <10 | 63 |
| L14N 24+00W | 0.034 | 14.6 | 9.05 | 191 | <10 | 120 | 2.4 | 11 | 0.52 | 2 | 79 | 26 | 1410 | 2.43 | <10 | 1 | 0.03 | 20 | 0.24 | 2830 | 8 | 0.01 | 39 | 1320 | 16 | 0.06 | 7 | 12 | 13 | 0.03 | <10 | 10 | 31 | <10 | 154 |
| L29N 42+50W | <0.005 | 0.3 | 1.13 | 5 | <10 | 90 | <0.5 | <2 | 0.2 | <0.5 | 5 | 41 | 25 | 2.5 | <10 | <1 | 0.05 | 10 | 0.51 | 360 | 2 | 0.01 | 27 | 630 | 5 | 0.01 | <2 | 2 | 11 | 0.08 | <10 | <10 | 40 | <10 | 47 |
| L29N 43+00W | <0.005 | 0.5 | 1.63 | 10 | <10 | 360 | <0.5 | <2 | 0.28 | 0.5 | 8 | 31 | 47 | 3.13 | 10 | <1 | 0.08 | 10 | 0.5 | 537 | 3 | 0.01 | 31 | 860 | 7 | 0.03 | 2 | 3 | 23 | 0.07 | <10 | <10 | 44 | <10 | 108 |
| L29N 43+50W | <0.005 | <0.2 | 0.77 | 3 | <10 | 120 | <0.5 | <2 | 0.15 | <0.5 | 2 | 14 | 18 | 1.46 | <10 | <1 | 0.04 | 10 | 0.12 | 242 | 3 | 0.01 | 7 | 430 | 9 | 0.02 | <2 | 2 | 6 | 0.08 | <10 | <10 | 44 | <10 | 35 |

VA05058857 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 107
DATE RECEIVED : 2005-07-18  DATE FINALIZED : 2005-07-28
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % |
| L29N 44+00W | <0.005 | 0.3 | 1.17 | 4 | <10 | 320 | <0.5 | <2 | 0.32 | <0.5 | 9 | 26 | 46 | 2.71 | <10 | <1 | 0.07 |
| L29N 44+50W | <0.005 | 0.2 | 0.93 | 8 | <10 | 50 | <0.5 | <2 | 0.11 | <0.5 | 4 | 33 | 23 | 2.2 | <10 | <1 | 0.03 |
| L31N 32+50W | <0.005 | 0.2 | 1.13 | 13 | <10 | 230 | <0.5 | <2 | 0.33 | <0.5 | 13 | 15 | 46 | 2.69 | 10 | <1 | 0.11 |
| L31N 33+00W | <0.005 | 0.4 | 1.29 | 8 | <10 | 120 | <0.5 | <2 | 0.13 | <0.5 | 3 | 27 | 18 | 2.54 | 10 | <1 | 0.05 |
| L31N 33+50W | <0.005 | 0.6 | 1.36 | 15 | <10 | 290 | <0.5 | <2 | 0.32 | <0.5 | 10 | 24 | 59 | 3.17 | <10 | <1 | 0.1 |
| L31N 34+00W | <0.005 | 0.4 | 0.92 | 10 | <10 | 90 | <0.5 | <2 | 0.1 | <0.5 | 3 | 22 | 23 | 1.72 | 10 | <1 | 0.05 |
| L31N 34+50W | <0.005 | 0.3 | 1.55 | 31 | <10 | 170 | <0.5 | <2 | 0.13 | 0.8 | 7 | 32 | 53 | 3.66 | <10 | <1 | 0.05 |
| L31N 35+00W | 0.005 | 0.6 | 1.08 | 13 | <10 | 90 | <0.5 | <2 | 0.21 | 0.5 | 13 | 40 | 51 | 3.13 | <10 | 1 | 0.06 |
| L31N 35+50W | <0.005 | 0.3 | 0.69 | 6 | <10 | 50 | <0.5 | <2 | 0.29 | <0.5 | 7 | 86 | 16 | 2.29 | <10 | <1 | 0.03 |
| L31N 36+00W | 0.005 | 0.3 | 1.14 | 7 | <10 | 170 | <0.5 | <2 | 0.64 | <0.5 | 9 | 63 | 34 | 2.71 | <10 | <1 | 0.06 |
| L31N 36+50W | <0.005 | 0.2 | 1.27 | 6 | <10 | 130 | <0.5 | <2 | 0.4 | <0.5 | 14 | 40 | 46 | 3.31 | <10 | <1 | 0.06 |
| L32N 32+50W | 0.006 | 0.2 | 1.38 | 9 | <10 | 100 | <0.5 | <2 | 0.16 | <0.5 | 7 | 41 | 39 | 3.98 | 10 | <1 | 0.04 |
| L32N 33+00W | <0.005 | 0.2 | 1.08 | 8 | <10 | 100 | <0.5 | <2 | 0.4 | <0.5 | 12 | 44 | 37 | 3.14 | <10 | <1 | 0.06 |

| | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L29N 44+00W | 10 | 0.5 | 658 | 2 | 0.01 | 29 | 820 | 8 | 0.02 | 2 | 3 | 20 | 0.04 | <10 | <10 | 33 | <10 | 88 |
| L29N 44+50W | 10 | 0.32 | 294 | 2 | 0.01 | 19 | 350 | 6 | 0.01 | <2 | 2 | 7 | 0.05 | <10 | <10 | 43 | <10 | 48 |
| L31N 32+50W | 20 | 0.14 | 1525 | 6 | 0.01 | 9 | 1130 | 21 | 0.02 | 5 | 1 | 23 | 0.01 | <10 | <10 | 48 | <10 | 83 |
| L31N 33+00W | 10 | 0.3 | 223 | 4 | 0.01 | 11 | 290 | 8 | 0.01 | <2 | 2 | 9 | 0.1 | <10 | <10 | 49 | <10 | 48 |
| L31N 33+50W | 10 | 0.36 | 936 | 5 | 0.01 | 25 | 1300 | 14 | 0.04 | <2 | 1 | 22 | 0.01 | <10 | <10 | 37 | <10 | 141 |
| L31N 34+00W | 10 | 0.14 | 420 | 2 | 0.01 | 11 | 660 | 8 | 0.02 | 2 | 1 | 9 | 0.02 | <10 | <10 | 44 | <10 | 60 |
| L31N 34+50W | 10 | 0.47 | 422 | 5 | 0.01 | 25 | 1240 | 12 | 0.04 | 7 | 1 | 9 | 0.01 | <10 | <10 | 56 | <10 | 132 |
| L31N 35+00W | 10 | 0.63 | 744 | 3 | 0.01 | 35 | 880 | 10 | 0.02 | 3 | 2 | 10 | 0.04 | <10 | <10 | 35 | <10 | 82 |
| L31N 35+50W | 10 | 0.81 | 302 | 1 | 0.01 | 49 | 760 | 4 | 0.01 | <2 | 2 | 13 | 0.08 | <10 | <10 | 39 | <10 | 43 |
| L31N 36+00W | 10 | 0.68 | 827 | 1 | 0.01 | 55 | 840 | 7 | 0.02 | <2 | 3 | 28 | 0.04 | <10 | <10 | 37 | <10 | 80 |
| L31N 36+50W | 10 | 0.76 | 794 | 2 | 0.01 | 33 | 980 | 10 | 0.03 | <2 | 3 | 14 | 0.1 | <10 | <10 | 45 | <10 | 75 |
| L32N 32+50W | 10 | 0.35 | 484 | 2 | 0.01 | 22 | 1300 | 15 | 0.03 | 2 | 2 | 8 | 0.05 | <10 | <10 | 58 | <10 | 77 |
| L32N 33+00W | 10 | 0.7 | 923 | 2 | 0.01 | 31 | 980 | 8 | 0.03 | 3 | 3 | 18 | 0.09 | <10 | <10 | 44 | <10 | 76 |

VA05065720 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 133
DATE RECEIVED : 2005-08-08 DATE FINALIZED : 2005-08-23
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L7N/13+00W | 0.007 | 0.5 | 2.67 | 165 | <10 | 190 | 1 | <2 | 0.45 | 1 | 21 | 134 | 33 | 6.93 | 10 | <1 | 0.06 | 30 | 1.3 | 911 | 3 | 0.01 | 93 | 4110 | 28 | 0.02 | 30 | 5 | 14 | 0.06 | <10 | <10 | 137 | <10 | 239 |
| L7N/13+50W | 0.011 | 0.7 | 1.28 | 164 | <10 | 150 | <0.5 | <2 | 0.18 | 1.2 | 11 | 37 | 44 | 5.08 | 10 | <1 | 0.06 | 20 | 0.21 | 1230 | 5 | 0.01 | 33 | 1870 | 30 | 0.02 | 32 | 1 | 8 | 0.01 | <10 | <10 | 74 | <10 | 171 |
| L7N/14+00W | 0.006 | 1.8 | 1.5 | 281 | <10 | 250 | 0.5 | <2 | 0.16 | 1 | 9 | 35 | 40 | 4.22 | 10 | <1 | 0.08 | 20 | 0.28 | 1215 | 4 | 0.01 | 30 | 1540 | 64 | 0.01 | 49 | 3 | 8 | 0.01 | <10 | <10 | 63 | <10 | 276 |
| L7N/14+50W | 0.006 | 0.8 | 1.38 | 165 | <10 | 120 | <0.5 | <2 | 0.08 | 0.8 | 6 | 29 | 30 | 3.68 | 10 | <1 | 0.05 | 20 | 0.21 | 421 | 4 | 0.01 | 23 | 760 | 43 | 0.01 | 29 | 2 | 7 | 0.02 | <10 | <10 | 62 | <10 | 251 |
| L7N/15+00W | 0.018 | 2.2 | 0.73 | 677 | <10 | 260 | 0.5 | <2 | 4.85 | 43.7 | 6 | 143 | 116 | 1.26 | <10 | <1 | 0.04 | 10 | 0.33 | 3590 | 1 | 0.02 | 27 | 2390 | 56 | 0.19 | 41 | 1 | 62 | 0.01 | <10 | 10 | 20 | <10 | 4330 |
| L7N/15+50W | 0.005 | 0.8 | 1.5 | 322 | <10 | 130 | <0.5 | <2 | 0.09 | 0.8 | 3 | 31 | 21 | 2.73 | 10 | <1 | 0.03 | 20 | 0.18 | 236 | 2 | 0.01 | 15 | 730 | 94 | 0.01 | 56 | 1 | 7 | 0.02 | <10 | <10 | 76 | <10 | 261 |
| L7N/16+00W | 0.014 | 1.6 | 2.23 | 348 | <10 | 170 | 0.5 | <2 | 0.1 | 1.7 | 7 | 66 | 29 | 4.01 | 10 | <1 | 0.04 | 20 | 0.4 | 427 | 3 | 0.01 | 26 | 1320 | 118 | 0.01 | 74 | 3 | 6 | 0.02 | <10 | <10 | 126 | <10 | 490 |
| L7N/16+50W | 0.017 | 1.3 | 2.14 | 195 | <10 | 220 | 1 | <2 | 1.98 | 6.5 | 15 | 89 | 43 | 3.82 | 10 | <1 | 0.08 | 50 | 1.1 | 1055 | 1 | 0.01 | 63 | 2920 | 110 | 0.02 | 54 | 5 | 24 | 0.03 | <10 | <10 | 82 | <10 | 454 |
| L7N/17+00W | 0.006 | 1.3 | 2.68 | 146 | <10 | 220 | 1 | <2 | 0.56 | 6.5 | 11 | 77 | 27 | 3.81 | 10 | 1 | 0.04 | 30 | 0.54 | 1330 | 1 | 0.01 | 37 | 2020 | 131 | 0.02 | 42 | 5 | 11 | 0.02 | <10 | <10 | 90 | <10 | 514 |
| L7N/17+50W | 0.008 | 1.7 | 2.6 | 256 | <10 | 160 | 0.6 | <2 | 0.32 | 3 | 11 | 76 | 25 | 4.3 | 10 | <1 | 0.05 | 20 | 0.7 | 1000 | 1 | 0.01 | 33 | 2750 | 85 | 0.01 | 40 | 3 | 9 | 0.02 | <10 | <10 | 92 | <10 | 652 |
| L7N/18+00W | <0.005 | 0.6 | 2.59 | 260 | <10 | 160 | 0.5 | <2 | 0.15 | 2.4 | 9 | 80 | 31 | 5.29 | 10 | <1 | 0.04 | 20 | 0.58 | 762 | 3 | 0.01 | 32 | 1640 | 59 | 0.02 | 39 | 4 | 6 | 0.04 | <10 | <10 | 102 | <10 | 394 |
| L7N/18+50W | 0.046 | 1.1 | 2.14 | 1280 | <10 | 100 | <0.5 | 10 | 0.16 | 3.4 | 9 | 53 | 62 | 5.31 | 10 | <1 | 0.04 | 20 | 0.73 | 321 | 3 | 0.01 | 39 | 1690 | 120 | 0.01 | 60 | 4 | 8 | 0.02 | <10 | <10 | 69 | <10 | 699 |
| L7N/19+00W | 0.05 | 1.3 | 2.36 | 618 | <10 | 210 | 1 | 2 | 1.18 | 12.6 | 16 | 59 | 75 | 4.41 | 10 | 1 | 0.07 | 30 | 0.87 | 1165 | 4 | 0.01 | 61 | 2440 | 128 | 0.02 | 58 | 4 | 19 | 0.01 | <10 | <10 | 67 | <10 | 917 |
| L7N/20+50W | 0.007 | 0.6 | 2 | 180 | <10 | 150 | <0.5 | <2 | 0.08 | 0.8 | 6 | 39 | 31 | 3.44 | 10 | <1 | 0.05 | 20 | 0.45 | 757 | 4 | 0.01 | 24 | 890 | 37 | 0.02 | 24 | 2 | 7 | 0.02 | <10 | <10 | 69 | <10 | 210 |
| L7N/21+00W | 0.019 | 0.7 | 2.14 | 140 | <10 | 200 | 0.7 | <2 | 0.35 | 0.9 | 25 | 36 | 76 | 4.53 | 10 | <1 | 0.09 | 20 | 0.72 | 678 | 9 | 0.01 | 47 | 1240 | 47 | 0.05 | 25 | 2 | 19 | 0.02 | 10 | <10 | 50 | <10 | 353 |
| L7N/21+50W | <0.005 | 0.5 | 1.74 | 72 | <10 | 490 | <0.5 | <2 | 0.8 | 0.9 | 3 | 20 | 32 | 3.15 | 10 | <1 | 0.09 | 10 | 0.25 | 176 | 8 | 0.01 | 14 | 780 | 20 | 0.03 | 12 | 1 | 32 | 0.01 | <10 | <10 | 59 | <10 | 139 |
| L7N/22+00W | 0.01 | 0.5 | 1.53 | 223 | <10 | 120 | <0.5 | <2 | 0.08 | 0.8 | 8 | 29 | 49 | 4.73 | 10 | <1 | 0.07 | 10 | 0.4 | 427 | 8 | 0.01 | 26 | 1140 | 57 | 0.04 | 34 | 1 | 8 | 0.02 | <10 | <10 | 57 | <10 | 168 |
| L7N/22+50W | 0.012 | 0.7 | 1.91 | 168 | <10 | 200 | 0.5 | <2 | 0.04 | 0.9 | 5 | 35 | 79 | 5.02 | 10 | <1 | 0.16 | 10 | 0.5 | 281 | 18 | 0.01 | 24 | 1220 | 54 | 0.1 | 32 | 4 | 10 | 0.02 | <10 | <10 | 89 | <10 | 321 |
| L8N/13+00W | 0.016 | 1.8 | 2.36 | 1735 | <10 | 220 | 1.1 | <2 | 1.64 | 3.9 | 17 | 164 | 37 | 5.09 | 10 | 1 | 0.09 | 20 | 1.46 | 729 | 3 | 0.01 | 90 | 2390 | 26 | 0.07 | 36 | 5 | 34 | 0.03 | <10 | <10 | 86 | <10 | 5450 |
| L8N/13+50W | 0.01 | 0.2 | 2.04 | 202 | <10 | 190 | <0.5 | <2 | 0.11 | 0.7 | 8 | 41 | 61 | 4.48 | 10 | 1 | 0.04 | 20 | 0.51 | 373 | 5 | 0.01 | 39 | 1320 | 36 | 0.02 | 34 | 4 | 8 | 0.01 | <10 | <10 | 61 | <10 | 228 |
| L8N/14+00W | 0.015 | 0.6 | 2.1 | 268 | <10 | 220 | 0.6 | <2 | 0.22 | 1.2 | 12 | 48 | 60 | 4.6 | 10 | <1 | 0.05 | 20 | 0.6 | 671 | 4 | 0.01 | 48 | 1930 | 66 | 0.02 | 42 | 4 | 12 | 0.01 | <10 | <10 | 61 | <10 | 362 |
| L8N/14+50W | 0.019 | 2.4 | 1.21 | 989 | <10 | 230 | 0.5 | <2 | 1.91 | 7.3 | 8 | 70 | 80 | 2.17 | <10 | 1 | 0.05 | 20 | 0.49 | 1450 | 1 | 0.02 | 40 | 2780 | 69 | 0.12 | 36 | 2 | 38 | 0.01 | <10 | <10 | 32 | <10 | 2230 |
| L8N/15+00W | 0.012 | 3.7 | 1.55 | 674 | <10 | 260 | 0.6 | <2 | 1.02 | 3.9 | 10 | 43 | 51 | 3.33 | <10 | 1 | 0.07 | 20 | 0.55 | 1965 | 3 | 0.01 | 40 | 2280 | 83 | 0.06 | 75 | 3 | 30 | 0.02 | <10 | 10 | 41 | <10 | 433 |
| L8N/15+50W | 0.013 | 1.4 | 2.11 | 550 | <10 | 160 | <0.5 | <2 | 0.1 | 1.4 | 8 | 55 | 32 | 4.34 | 10 | <1 | 0.05 | 20 | 0.48 | 564 | 3 | 0.01 | 31 | 860 | 192 | 0.03 | 108 | 2 | 7 | 0.02 | <10 | <10 | 76 | <10 | 322 |
| L8N/16+00W | 0.038 | 0.9 | 2.12 | 222 | <10 | 330 | 0.6 | <2 | 0.17 | 1.5 | 10 | 57 | 23 | 3.78 | 10 | <1 | 0.05 | 20 | 0.46 | 792 | 2 | 0.01 | 31 | 810 | 81 | 0.03 | 49 | 2 | 9 | 0.01 | <10 | <10 | 80 | <10 | 264 |
| L8N/16+50W | 0.006 | 1.4 | 1.62 | 129 | <10 | 160 | 1 | <2 | 12.8 | 19.5 | 7 | 97 | 20 | 2.51 | <10 | 2 | 0.06 | 60 | 2.26 | 3810 | <1 | 0.03 | 28 | >10000 | 40 | 0.11 | 50 | 2 | 83 | 0.01 | <10 | <10 | 89 | <10 | 1270 |
| L8N/17+00W | 0.009 | 0.9 | 3.43 | 471 | <10 | 150 | 0.7 | <2 | 0.27 | 2.9 | 11 | 85 | 35 | 5.99 | 10 | <1 | 0.03 | 20 | 0.75 | 389 | 2 | 0.01 | 41 | 2180 | 180 | 0.02 | 92 | 5 | 9 | 0.02 | <10 | <10 | 107 | <10 | 870 |
| L8N/17+50W | 0.011 | 0.7 | 2.73 | 417 | <10 | 160 | 0.6 | <2 | 0.14 | 3.1 | 10 | 71 | 33 | 4.66 | 10 | <1 | 0.04 | 20 | 0.59 | 701 | 3 | 0.01 | 38 | 1340 | 78 | 0.02 | 57 | 4 | 6 | 0.02 | <10 | <10 | 95 | <10 | 751 |
| L8N/18+00W | 0.005 | 1.1 | 1.9 | 509 | <10 | 200 | <0.5 | 2 | 0.17 | 2.5 | 7 | 52 | 34 | 4.33 | 10 | <1 | 0.05 | 20 | 0.46 | 452 | 3 | 0.01 | 31 | 1260 | 69 | 0.02 | 41 | 3 | 7 | 0.02 | <10 | <10 | 83 | <10 | 496 |
| L8N/18+50W | 0.007 | 0.7 | 1.57 | 901 | <10 | 110 | <0.5 | 7 | 0.11 | 3.1 | 6 | 44 | 44 | 4.9 | 10 | <1 | 0.05 | 20 | 0.31 | 331 | 4 | 0.01 | 24 | 1190 | 102 | 0.02 | 56 | 3 | 7 | 0.03 | <10 | <10 | 94 | <10 | 485 |
| L8N/19+00W | 0.009 | 0.5 | 2.05 | 357 | <10 | 120 | <0.5 | 3 | 0.1 | 1.6 | 7 | 48 | 31 | 4.13 | 10 | <1 | 0.06 | 20 | 0.45 | 430 | 3 | 0.01 | 26 | 1320 | 55 | 0.02 | 27 | 2 | 8 | 0.02 | <10 | <10 | 83 | <10 | 342 |
| L8N/19+50W | 0.03 | 0.9 | 3.35 | 371 | <10 | 140 | 0.8 | <2 | 0.17 | 3 | 20 | 76 | 66 | 4.81 | 10 | 2 | 0.07 | 20 | 0.9 | 514 | 4 | 0.01 | 79 | 1290 | 64 | 0.02 | 34 | 5 | 10 | 0.02 | <10 | <10 | 70 | <10 | 496 |
| L8N/20+00W | 0.005 | 0.6 | 0.91 | 173 | <10 | 50 | <0.5 | 2 | 0.06 | 0.5 | 2 | 15 | 18 | 1.8 | 10 | <1 | 0.05 | 20 | 0.13 | 152 | 2 | 0.01 | 8 | 620 | 26 | 0.01 | 13 | 1 | 6 | 0.02 | <10 | <10 | 51 | <10 | 92 |
| L8N/20+50W | 0.037 | 0.7 | 1.94 | 1130 | <10 | 100 | <0.5 | 4 | 0.08 | 1.4 | 10 | 34 | 64 | 5.34 | 10 | <1 | 0.06 | 10 | 0.62 | 783 | 6 | 0.01 | 32 | 1350 | 71 | 0.03 | 38 | 2 | 8 | 0.01 | <10 | <10 | 55 | <10 | 252 |
| L8N/21+00W | 0.022 | 0.3 | 2.58 | 226 | <10 | 220 | 1 | 2 | 0.21 | 2.1 | 17 | 83 | 72 | 4.75 | 10 | <1 | 0.06 | 20 | 1.18 | 503 | 5 | 0.01 | 67 | 1060 | 63 | 0.03 | 30 | 3 | 12 | 0.02 | <10 | <10 | 73 | <10 | 367 |
| L8N/21+50W | 0.013 | 1 | 1.76 | 97 | <10 | 260 | 0.7 | <2 | 0.65 | 2.8 | 16 | 28 | 96 | 3.6 | <10 | <1 | 0.09 | 40 | 0.59 | 1575 | 7 | 0.01 | 47 | 1270 | 45 | 0.06 | 19 | 3 | 30 | 0.02 | <10 | <10 | 40 | <10 | 292 |
| L8N/22+00W | 0.01 | 2.1 | 1.26 | 100 | <10 | 160 | <0.5 | <2 | 0.08 | 1 | 3 | 17 | 39 | 3.78 | 10 | <1 | 0.07 | 10 | 0.25 | 177 | 9 | 0.01 | 15 | 910 | 35 | 0.05 | 15 | 1 | 10 | 0.01 | <10 | <10 | 47 | <10 | 120 |
| L8N/22+50W | <0.005 | 0.3 | 2.12 | 50 | <10 | 290 | 0.5 | <2 | 0.04 | 1.2 | 5 | 24 | 39 | 4.38 | 10 | <1 | 0.14 | 10 | 0.4 | 382 | 9 | 0.01 | 16 | 690 | 24 | 0.13 | 10 | 2 | 12 | 0.05 | <10 | <10 | 71 | <10 | 253 |
| L9N/ 13+00W | 0.009 | 1.4 | 1.58 | 607 | <10 | 190 | <0.5 | <2 | 0.14 | 0.7 | 4 | 41 | 24 | 3.01 | 10 | <1 | 0.05 | 20 | 0.31 | 473 | 2 | 0.01 | 16 | 930 | 38 | 0.02 | 21 | 1 | 9 | 0.01 | <10 | <10 | 56 | <10 | 328 |
| L9N/ 13+50W | 0.017 | 0.5 | 1.77 | 148 | <10 | 140 | <0.5 | <2 | 0.17 | 0.9 | 6 | 34 | 70 | 4.1 | 10 | 1 | 0.08 | 20 | 0.52 | 419 | 5 | 0.01 | 33 | 620 | 44 | 0.03 | 25 | 3 | 9 | 0.01 | <10 | <10 | 48 | <10 | 172 |
| L9N/ 14+00W | 0.005 | 0.3 | 1.5 | 112 | <10 | 120 | <0.5 | <2 | 0.09 | 0.6 | 5 | 31 | 40 | 3.95 | 10 | <1 | 0.07 | 20 | 0.37 | 331 | 5 | 0.01 | 24 | 800 | 30 | 0.02 | 17 | 3 | 8 | 0.02 | <10 | <10 | 57 | <10 | 124 |
| L9N/ 14+50W | <0.005 | 1.3 | 1.57 | 204 | <10 | 400 | <0.5 | <2 | 0.83 | 1.1 | 9 | 29 | 34 | 3.9 | 10 | 1 | 0.07 | 20 | 0.29 | 482 | 6 | 0.01 | 21 | 470 | 56 | 0.03 | 29 | 2 | 25 | 0.02 | <10 | <10 | 61 | <10 | 188 |
| L9N/ 15+00W | 0.006 | 0.7 | 2.25 | 595 | <10 | 380 | 0.8 | <2 | 0.22 | 3.2 | 14 | 52 | 47 | 3.9 | 10 | <1 | 0.06 | 20 | 0.54 | 1625 | 5 | 0.01 | 34 | 1490 | 73 | 0.05 | 33 | 5 | 11 | 0.01 | <10 | <10 | 55 | <10 | 458 |
| L9N/ 15+50W | 0.007 | 1.9 | 1.46 | 365 | <10 | 400 | 0.6 | <2 | 1.35 | 2.6 | 8 | 25 | 55 | 2.84 | 10 | <1 | 0.05 | 20 | 0.17 | 474 | 5 | 0.01 | 20 | 1130 | 53 | 0.06 | 22 | 2 | 27 | 0.01 | <10 | <10 | 42 | <10 | 166 |
| L9N/ 16+00W | 0.008 | 0.6 | 1.93 | 251 | <10 | 260 | 0.5 | <2 | 0.39 | 1.8 | 12 | 46 | 37 | 4.57 | 10 | <1 | 0.04 | 10 | 0.47 | 385 | 6 | 0.01 | 37 | 580 | 53 | 0.04 | 24 | 3 | 14 | 0.02 | <10 | <10 | 63 | <10 | 332 |
| L9N/ 16+50W | 0.006 | 0.6 | 1.98 | 173 | <10 | 110 | <0.5 | <2 | 0.07 | 0.9 | 7 | 44 | 37 | 4.85 | 10 | <1 | 0.05 | 10 | 0.52 | 378 | 4 | 0.01 | 30 | 800 | 59 | 0.02 | 31 | 3 | 7 | 0.02 | <10 | <10 | 54 | <10 | 194 |
| L9N/ 17+00W | 0.006 | 0.6 | 1.64 | 154 | <10 | 100 | <0.5 | <2 | 0.08 | 1 | 5 | 43 | 27 | 3.64 | 10 | <1 | 0.05 | 10 | 0.36 | 319 | 3 | 0.01 | 23 | 1770 | 41 | 0.02 | 16 | 1 | 6 | 0.01 | <10 | <10 | 72 | <10 | 180 |
| L9N/ 17+50W | <0.005 | 0.4 | 2.01 | 202 | <10 | 130 | <0.5 | <2 | 0.09 | 1 | 17 | 112 | 34 | 5.09 | 10 | <1 | 0.05 | 20 | 0.75 | 780 | 4 | 0.01 | 84 | 2030 | 35 | 0.02 | 18 | 3 | 6 | 0.02 | <10 | <10 | 108 | <10 | 216 |
| L9N/ 18+00W | 0.065 | 1.2 | 2.01 | 1835 | <10 | 170 | 0.6 | 7 | 0.23 | 4.1 | 13 | 58 | 48 | 4.76 | 10 | <1 | 0.05 | 10 | 0.72 | 622 | 2 | 0.01 | 46 | 1990 | 142 | 0.03 | 56 | 3 | 11 | 0.02 | <10 | <10 | 57 | <10 | 1000 |
| L9N/ 18+50W | 0.017 | 0.8 | 2.56 | 704 | <10 | 130 | <0.5 | 3 | 0.16 | 3.1 | 8 | 61 | 44 | 5.21 | 10 | <1 | 0.04 | 10 | 0.68 | 377 | 3 | 0.01 | 41 | 1140 | 99 | 0.03 | 84 | 4 | 9 | 0.03 | <10 | <10 | 82 | <10 | 1025 |
| L9N/ 19+00W | 0.007 | 0.3 | 2.1 | 209 | <10 | 130 | <0.5 | 2 | 0.13 | 1.9 | 10 | 50 | 40 | 3.92 | 10 | <1 | 0.06 | 20 | 0.71 | 616 | 4 | 0.01 | 42 | 950 | 48 | 0.02 | 26 | 2 | 9 | 0.02 | <10 | <10 | 59 | <10 | 418 |
| L9N/ 19+50W | 0.006 | 0.9 | 2.03 | 332 | <10 | 310 | 0.5 | 2 | 0.77 | 4.6 | 10 | 45 | 31 | 3.48 | 10 | <1 | 0.06 | 20 | 0.33 | 1140 | 4 | 0.01 | 25 | 700 | 41 | 0.04 | 19 | 2 | 36 | 0.01 | <10 | <10 | 70 | <10 | 371 |
| L9N/ 20+00W | 0.016 | 0.7 | 2.18 | 309 | <10 | 110 | <0.5 | <2 | 0.06 | 1.1 | 6 | 46 | 49 | 4.63 | 10 | 1 | 0.05 | 10 | 0.55 | 328 | 5 | 0.01 | 31 | 1030 | 51 | 0.03 | 37 | 2 | 6 | 0.02 | <10 | <10 | 64 | <10 | 238 |
| L9N/ 20+50W | 0.017 | 1.6 | 2.08 | 1300 | <10 | 120 | <0.5 | 2 | 0.08 | 2.8 | 8 | 39 | 38 | 4.27 | 10 | <1 | 0.05 | 10 | 0.48 | 516 | 4 | 0.01 | 24 | 670 | 80 | 0.03 | 42 | 2 | 7 | 0.01 | <10 | <10 | 63 | <10 | 946 |
| L9N/ 21+00W | 0.015 | 3.2 | 2 | 1385 | <10 | 300 | 0.7 | <2 | 0.35 | 10 | 11 | 51 | 63 | 3.8 | 10 | <1 | 0.06 | 20 | 0.44 | 1065 | 4 | 0.01 | 33 | 830 | 75 | 0.03 | 38 | 2 | 17 | 0.01 | <10 | <10 | 66 | <10 | 1840 |
| L9N/ 21+50W | 0.01 | 0.4 | 1.78 | 78 | <10 | 430 | 0.7 | <2 | 0.52 | 1.3 | 11 | 23 | 57 | 4.02 | 10 | <1 | 0.1 | 20 | 0.32 | 434 | 10 | 0.01 | 21 | 880 | 32 | 0.05 | 12 | 1 | 25 | 0.01 | <10 | <10 | 59 | <10 | 214 |
| L9N/ 22+00W | 0.011 | 0.7 | 1.44 | 182 | <10 | 180 | <0.5 | <2 | 0.04 | 0.8 | 6 | 22 | 48 | 4.31 | 10 | <1 | 0.11 | 10 | 0.34 | 329 | 9 | 0.01 | 21 | 890 | 88 | 0.07 | 16 | 2 | 10 | 0.03 | <10 | <10 | 80 | <10 | 147 |
| L9N/ 22+50W | 0.016 | 0.6 | 2.27 | 211 | <10 | 350 | 0.9 | <2 | 0.75 | 3.3 | 17 | 41 | 42 | 4.23 | 10 | <1 | 0.11 | 20 | 0.91 | 2220 | 5 | 0.01 | 29 | 3280 | 76 | 0.03 | 24 | 3 | 21 | 0.02 | <10 | <10 | 88 | <10 | 913 |
| L10N/ 13+00W | 0.007 | 1.3 | 1.71 | 188 | <10 | 460 | 0.6 | <2 | 0.94 | 2.2 | 10 | 32 | 59 | 2.91 | 10 | 1 | 0.06 | 20 | 0.4 | 692 | 4 | 0.01 | 26 | 980 | 27 | 0.04 | 12 | 3 | 28 | 0.01 | <10 | 10 | 44 | <10 | 162 |
| L10N/ 13+50W | 0.008 | 0.9 | 1.47 | 273 | <10 | 340 | 0.5 | <2 | 0.95 | 1.1 | 10 | 32 | 47 | 2.99 | 10 | <1 | 0.06 | 20 | 0.44 | 428 | 4 | 0.01 | 27 | 740 | 51 | 0.04 | 25 | 2 | 26 | 0.01 | <10 | 10 | 43 | <10 | 197 |
| L10N/ 14+00W | 0.009 | 1.3 | 1.74 | 151 | <10 | 310 | 0.6 | <2 | 0.66 | 1.9 | 14 | 43 | 59 | 3.52 | 10 | <1 | 0.07 | 20 | 0.58 | 928 | 3 | 0.01 | 36 | 1060 | 42 | 0.04 | 17 | 3 | 19 | 0.01 | <10 | 10 | 43 | <10 | 232 |
| L10N/ 14+50W | 0.008 | 1.9 | 2.4 | 280 | <10 | 440 | 0.6 | <2 | 0.4 | 1.7 | 10 | 40 | 63 | 3.38 | 10 | <1 | 0.07 | 20 | 0.54 | 409 | 4 | 0.01 | 36 | 770 | 42 | 0.03 | 16 | 4 | 16 | 0.01 | <10 | <10 | 58 | <10 | 317 |
| L10N/ 15+00W | 0.015 | 0.8 | 1.42 | 905 | <10 | 190 | 0.5 | <2 | 0.82 | 8.7 | 10 | 42 | 63 | 2.85 | <10 | <1 | 0.07 | 20 | 0.61 | 813 | 3 | 0.01 | 45 | 1160 | 38 | 0.05 | 18 | 3 | 20 | 0.01 | <10 | 10 | 33 | <10 | 2100 |
| L10N/ 15+50W | 0.009 | 2.4 | 1.74 | 1165 | <10 | 260 | 0.7 | <2 | 0.87 | 4 | 13 | 44 | 48 | 3.4 | <10 | <1 | 0.06 | 20 | 0.49 | 952 | 4 | 0.02 | 32 | 1160 | 39 | 0.06 | 20 | 3 | 22 | 0.01 | <10 | 10 | 43 | <10 | 1275 |
| L10N/ 16+00W | 0.008 | 0.9 | 1.18 | 1440 | <10 | 290 | 0.5 | <2 | 1.73 | 11.1 | 11 | 38 | 50 | 2.26 | <10 | <1 | 0.06 | 20 | 0.36 | 2760 | 2 | 0.01 | 32 | 2340 | 42 | 0.07 | 16 | 2 | 40 | 0.01 | <10 | 10 | 29 | <10 | 2810 |
| L10N/ 17+00W | 0.006 | 0.7 | 1.09 | 1360 | <10 | 110 | <0.5 | 2 | 0.17 | 1.6 | 6 | 29 | 40 | 7.07 | 10 | <1 | 0.09 | 10 | 0.31 | 617 | 4 | 0.01 | 21 | 2340 | 62 | 0.03 | 39 | 1 | 9 | 0.02 | <10 | <10 | 49 | <10 | 287 |
| L10N/ 17+50W | 0.007 | 0.2 | 1.38 | 142 | <10 | 120 | <0.5 | <2 | 0.05 | 1 | 4 | 32 | 31 | 4.07 | 10 | 1 | 0.06 | 20 | 0.3 | 261 | 6 | 0.01 | 19 | 800 | 32 | 0.02 | 15 | 2 | 6 | 0.02 | <10 | <10 | 56 | <10 | 138 |
| L10N/ 18+00W | 0.012 | 0.9 | 2.16 | 116 | <10 | 140 | 0.6 | <2 | 0.09 | 1.2 | 11 | 45 | 48 | 4.3 | <10 | <1 | 0.06 | 10 | 0.38 | 474 | 11 | 0.01 | 42 | 1590 | 27 | 0.05 | 9 | 2 | 10 | 0.01 | <10 | <10 | 43 | <10 | 232 |
| L10N/ 18+50W | 0.005 | 2 | 1.52 | 204 | <10 | 70 | <0.5 | <2 | 0.06 | 0.9 | 3 | 33 | 27 | 4.05 | 10 | <1 | 0.05 | 10 | 0.38 | 221 | 5 | 0.01 | 18 | 740 | 31 | 0.02 | 18 | 2 | 6 | 0.03 | <10 | <10 | 56 | <10 | 138 |
| L10N/ 19+00W | 0.017 | 1.2 | 1.7 | 1260 | <10 | 120 | <0.5 | 12 | 0.07 | 2.1 | 7 | 35 | 34 | 4.39 | 10 | <1 | 0.05 | 10 | 0.52 | 540 | 4 | 0.01 | 24 | 820 | 76 | 0.02 | 45 | 1 | 7 | 0.01 | <10 | <10 | 48 | <10 | 677 |
| L10N/ 19+50W | 0.012 | 0.4 | 1.88 | 642 | <10 | 160 | <0.5 | 3 | 0.16 | 1.4 | 5 | 39 | 30 | 3.86 | 10 | 1 | 0.05 | 10 | 0.54 | 276 | 4 | 0.01 | 25 | 550 | 38 | 0.02 | 20 | 3 | 10 | 0.02 | <10 | <10 | 65 | <10 | 379 |
| L10N/ 20+00W | 0.03 | 1.5 | 1.53 | 300 | <10 | 200 | 0.6 | 4 | 0.7 | 5.4 | 11 | 53 | 116 | 3.59 | <10 | <1 | 0.06 | 20 | 0.66 | 881 | 3 | 0.01 | 61 | 880 | 45 | 0.05 | 38 | 5 | 30 | 0.02 | <10 | <10 | 40 | <10 | 1025 |
| L10N/ 20+50W | 0.205 | 12.9 | 1.3 | 5720 | <10 | 290 | 0.5 | 77 | 1.72 | 54.3 | 11 | 43 | 111 | 5.26 | <10 | <1 | 0.06 | 20 | 0.44 | 2980 | 3 | 0.01 | 34 | 2050 | 340 | 0.09 | 378 | 2 | 29 | 0.01 | <10 | <10 | 43 | <10 | 4920 |
| L10N/ 21+00W | 0.019 | 0.9 | 1.42 | 862 | <10 | 270 | 0.6 | 2 | 1.28 | 18 | 20 | 33 | 55 | 3.29 | <10 | 1 | 0.08 | 30 | 0.52 | 2390 | 4 | 0.01 | 39 | 1310 | 49 | 0.07 | 44 | 2 | 30 | 0.02 | <10 | <10 | 41 | <10 | 1910 |
| L10N/ 21+50W | 0.006 | 1.4 | 1.58 | 138 | <10 | 140 | <0.5 | <2 | 0.09 | 1.1 | 4 | 26 | 47 | 5.02 | 10 | <1 | 0.08 | 10 | 0.25 | 253 | 10 | 0.01 | 19 | 760 | 30 | 0.03 | 25 | 3 | 6 | 0.03 | <10 | <10 | 74 | <10 | 182 |
| L10N/ 22+00W | 0.09 | 0.4 | 2.59 | 154 | <10 | 120 | 0.6 | <2 | 0.08 | 1.1 | 6 | 28 | 42 | 4.75 | 10 | <1 | 0.06 | 10 | 0.41 | 402 | 7 | 0.01 | 22 | 1250 | 41 | 0.04 | 19 | 3 | 7 | 0.03 | <10 | <10 | 67 | <10 | 490 |
| L10N/ 22+50W | 0.008 | 0.7 | 2.06 | 257 | <10 | 140 | <0.5 | 3 | 0.07 | 1.1 | 6 | 35 | 34 | 4.81 | 10 | 1 | 0.07 | 10 | 0.49 | 334 | 5 | 0.01 | 20 | 870 | 40 | 0.03 | 13 | 3 | 7 | 0.05 | <10 | <10 | 80 | <10 | 306 |
| L11N/ 13+00W | 0.007 | 1.3 | 1.34 | 228 | <10 | 330 | <0.5 | <2 | 1.02 | 2 | 5 | 28 | 49 | 2.58 | <10 | <1 | 0.07 | 10 | 0.36 | 397 | 4 | 0.01 | 24 | 930 | 32 | 0.05 | 16 | 2 | 25 | 0.01 | <10 | 10 | 38 | <10 | 162 |
| L11N/ 13+50W | 0.013 | 3 | 1.68 | 172 | <10 | 400 | 0.7 | <2 | 1.56 | 3.5 | 11 | 42 | 95 | 2.96 | <10 | 1 | 0.08 | 20 | 0.48 | 1715 | 5 | 0.01 | 45 | 1670 | 34 | 0.09 | 17 | 3 | 37 | 0.01 | <10 | 10 | 37 | <10 | 170 |
| L11N/ 14+00W | 0.015 | 1.3 | 1.41 | 663 | <10 | 250 | 0.5 | <2 | 1.41 | 2.8 | 7 | 31 | 51 | 2.47 | <10 | <1 | 0.07 | 20 | 0.48 | 641 | 2 | 0.01 | 30 | 1210 | 30 | 0.08 | 13 | 2 | 27 | 0.01 | <10 | 10 | 30 | <10 | 641 |
| L11N/ 14+50W | 0.011 | 0.3 | 1.38 | 920 | <10 | 270 | 0.5 | <2 | 0.64 | 8.8 | 11 | 41 | 52 | 2.94 | <10 | 1 | 0.06 | 10 | 0.62 | 886 | 2 | 0.01 | 42 | 980 | 36 | 0.05 | 17 | 3 | 20 | 0.01 | <10 | <10 | 35 | <10 | 2200 |
| L11N/ 15+00W | 0.01 | 1.1 | 1.17 | 958 | <10 | 250 | <0.5 | <2 | 1.4 | 6.5 | 7 | 32 | 43 | 2.49 | <10 | <1 | 0.06 | 10 | 0.44 | 884 | 2 | 0.01 | 31 | 1210 | 40 | 0.07 | 18 | 2 | 34 | 0.01 | <10 | <10 | 28 | <10 | 2230 |
| L11N/ 15+50W | 0.005 | 0.2 | 1.46 | 98 | <10 | 300 | <0.5 | <2 | 0.45 | 1 | 8 | 34 | 28 | 3.12 | 10 | <1 | 0.05 | 10 | 0.5 | 352 | 4 | 0.01 | 25 | 390 | 40 | 0.03 | 17 | 2 | 20 | 0.02 | <10 | <10 | 44 | <10 | 223 |
| L11N/ 16+00W | 0.011 | 3 | 1.36 | 200 | <10 | 330 | 0.6 | <2 | 1.54 | 20.2 | 14 | 43 | 114 | 3.03 | <10 | <1 | 0.07 | 20 | 0.54 | 2310 | 6 | 0.01 | 62 | 1520 | 59 | 0.08 | 20 | 2 | 52 | 0.01 | <10 | 10 | 30 | <10 | 1635 |
| L11N/ 16+50W | 0.011 | 1.4 | 1.17 | 571 | <10 | 200 | <0.5 | <2 | 1.15 | 7 | 10 | 49 | 68 | 2.88 | <10 | 1 | 0.06 | 20 | 0.51 | 1265 | 3 | 0.01 | 46 | 1490 | 61 | 0.07 | 19 | 3 | 37 | 0.01 | <10 | <10 | 31 | <10 | 1050 |
| L11N/ 17+00W | <0.005 | 1.6 | 1.66 | 98 | <10 | 140 | <0.5 | <2 | 0.11 | 0.8 | 5 | 38 | 26 | 3.79 | 10 | 1 | 0.05 | 10 | 0.47 | 472 | 3 | 0.01 | 21 | 2020 | 39 | 0.02 | 10 | 1 | 8 | 0.02 | <10 | <10 | 51 | <10 | 148 |
| L11N/ 17+50W | 0.007 | 0.4 | 1.32 | 94 | <10 | 80 | <0.5 | <2 | 0.12 | 0.5 | 4 | 37 | 26 | 3.35 | <10 | <1 | 0.04 | 10 | 0.43 | 348 | 3 | 0.01 | 24 | 1350 | 25 | 0.03 | 9 | 1 | 8 | 0.02 | <10 | <10 | 45 | <10 | 104 |
| L11N/ 18+00W | <0.005 | 0.3 | 1 | 90 | <10 | 270 | <0.5 | <2 | 0.08 | 0.6 | 5 | 20 | 30 | 3.29 | 10 | <1 | 0.09 | 20 | 0.14 | 487 | 8 | 0.01 | 14 | 980 | 24 | 0.02 | 10 | 1 | 9 | 0.02 | <10 | <10 | 56 | <10 | 118 |
| L11N/ 18+50W | 0.006 | 0.3 | 1.92 | 115 | <10 | 150 | <0.5 | <2 | 0.05 | 0.7 | 5 | 32 | 45 | 4.27 | 10 | <1 | 0.05 | 10 | 0.44 | 216 | 7 | 0.01 | 22 | 920 | 27 | 0.03 | 11 | 3 | 6 | 0.01 | <10 | <10 | 50 | <10 | 165 |
| L11N/ 19+00W | <0.005 | 0.7 | 1.64 | 238 | <10 | 220 | <0.5 | <2 | 0.05 | 0.8 | 4 | 22 | 40 | 3.91 | 10 | <1 | 0.05 | 20 | 0.23 | 254 | 8 | 0.01 | 14 | 1140 | 33 | 0.03 | 17 | 1 | 6 | 0.01 | <10 | <10 | 59 | <10 | 163 |
| L11N/ 19+50W | 0.016 | 0.3 | 1.8 | 244 | <10 | 270 | <0.5 | <2 | 0.1 | 1.5 | 20 | 27 | 47 | 4.96 | 10 | 2 | 0.06 | 20 | 0.31 | 1570 | 10 | 0.01 | 24 | 1050 | 39 | 0.03 | 21 | 2 | 8 | 0.01 | <10 | <10 | 54 | <10 | 500 |
| L11N/ 20+00W | 0.009 | <0.2 | 1.15 | 8240 | <10 | 60 | <0.5 | <2 | 0.04 | 5.9 | 3 | 12 | 55 | 29.3 | <10 | 1 | 0.04 | <10 | 0.13 | 372 | 6 | 0.01 | 7 | 1060 | 29 | 0.06 | 74 | 2 | 4 | 0.02 | <10 | <10 | 26 | <10 | 4890 |
| L11N/ 20+50W | 0.007 | 0.8 | 1.56 | 233 | <10 | 350 | <0.5 | <2 | 0.61 | 3.9 | 5 | 28 | 41 | 2.33 | 10 | <1 | 0.05 | 20 | 0.33 | 193 | 4 | 0.01 | 22 | 420 | 30 | 0.02 | 20 | 2 | 26 | 0.01 | <10 | <10 | 47 | <10 | 389 |
| L11N/ 21+00W | 0.012 | 2 | 2.32 | 380 | <10 | 150 | <0.5 | 2 | 0.08 | 1.3 | 7 | 39 | 61 | 4.78 | 10 | 1 | 0.07 | 10 | 0.58 | 340 | 7 | 0.01 | 31 | 910 | 49 | 0.03 | 28 | 4 | 9 | 0.03 | <10 | <10 | 73 | <10 | 585 |

VA05065720 - Finalized
CLIENT : "SHK - Alpha Gold Corp."
# of SAMPLES : 133
DATE RECEIVED : 2005-08-08 DATE FINALIZED : 2005-08-23
PROJECT : "Lustdust"
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

| | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
| DESCRIPTION | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm |
| L11N/ 21+50W | 0.066 | 0.9 | 1.46 | 152 | <10 | 120 | <0.5 | 8 | 0.24 | 1.9 | 14 | 29 | 123 | 3.56 | 10 | <1 |
| L11N/ 22+00W | 0.008 | 0.4 | 1.56 | 146 | <10 | 220 | <0.5 | <2 | 0.16 | 1 | 3 | 20 | 32 | 3.04 | 10 | <1 |
| L11N/ 22+50W | 0.008 | 0.5 | 2.01 | 338 | <10 | 160 | 0.5 | 2 | 0.07 | 1.2 | 3 | 30 | 39 | 5.17 | 10 | <1 |
| L12N/ 13+00W | <0.005 | 0.2 | 0.74 | 15 | <10 | 100 | <0.5 | <2 | 0.13 | 0.6 | 1 | 15 | 13 | 0.76 | <10 | <1 |
| L12N/ 13+50W | <0.005 | 0.4 | 1.56 | 58 | <10 | 140 | <0.5 | <2 | 0.1 | 0.7 | 6 | 40 | 40 | 3.77 | 10 | <1 |
| L12N/ 14+00W | 0.01 | <0.2 | 1.9 | 84 | <10 | 160 | <0.5 | <2 | 0.19 | 0.9 | 8 | 49 | 46 | 3.84 | 10 | 1 |
| L12N/ 14+50W | <0.005 | 0.2 | 1.5 | 51 | <10 | 170 | <0.5 | <2 | 0.11 | 0.5 | 2 | 31 | 16 | 2.46 | 10 | <1 |
| L12N/ 15+00W | 0.006 | 0.7 | 1.66 | 74 | <10 | 370 | <0.5 | <2 | 0.86 | 1.6 | 8 | 39 | 40 | 3.25 | 10 | <1 |
| L12N/ 15+50W | <0.005 | <0.2 | 1.4 | 83 | <10 | 350 | <0.5 | <2 | 0.8 | 1.4 | 3 | 28 | 28 | 2.52 | 10 | <1 |
| L12N/ 16+00W | 0.006 | 1 | 1.22 | 58 | <10 | 260 | <0.5 | <2 | 1.08 | 1.8 | 9 | 28 | 49 | 2.59 | <10 | <1 |
| L12N/ 16+50W | 0.014 | 2.9 | 1.46 | 449 | <10 | 140 | <0.5 | <2 | 0.2 | 1 | 7 | 24 | 33 | 2.66 | 10 | <1 |
| L12N/ 17+00W | <0.005 | 0.4 | 1.02 | 75 | <10 | 80 | <0.5 | <2 | 0.06 | 0.5 | 2 | 20 | 24 | 2.48 | 10 | <1 |
| L12N/ 17+50W | 0.006 | 1.6 | 1.3 | 102 | <10 | 100 | <0.5 | <2 | 0.05 | 0.7 | 6 | 21 | 50 | 4.53 | 10 | 1 |
| L12N/ 18+00W | 0.005 | 1 | 1.22 | 37 | <10 | 80 | <0.5 | <2 | 0.07 | 0.6 | 3 | 26 | 27 | 2.49 | 10 | <1 |
| L12N/ 18+50W | 0.042 | 1.1 | 1.14 | 393 | <10 | 200 | 0.5 | <2 | 0.76 | 5.2 | 14 | 29 | 73 | 3.65 | <10 | <1 |
| L12N/ 19+00W | 0.016 | 1 | 1.16 | 342 | <10 | 140 | <0.5 | <2 | 0.56 | 6.3 | 9 | 27 | 69 | 3.37 | <10 | <1 |
| L12N/ 19+50W | 0.011 | 0.9 | 1.24 | 226 | <10 | 190 | 0.5 | <2 | 2.07 | 5.6 | 19 | 44 | 84 | 3.86 | <10 | <1 |
| L12N/ 20+00W | 0.026 | 1.1 | 1.78 | 344 | <10 | 160 | 0.6 | <2 | 0.1 | 1.4 | 6 | 29 | 55 | 3.73 | 10 | <1 |
| L12N/ 20+50W | 0.012 | 0.2 | 1.54 | 297 | <10 | 150 | <0.5 | <2 | 0.21 | 1.8 | 13 | 29 | 65 | 3.76 | 10 | <1 |
| L12N/ 21+00W | 0.014 | <0.2 | 1.83 | 134 | <10 | 120 | 0.6 | <2 | 0.2 | 1.9 | 12 | 28 | 70 | 3.59 | 10 | <1 |
| L12N/ 21+50W | 0.01 | 0.2 | 1.4 | 106 | <10 | 160 | 0.5 | <2 | 0.26 | 1.5 | 12 | 26 | 76 | 3.64 | <10 | <1 |
| L12N/ 22+00W | 0.032 | 0.2 | 1.84 | 176 | <10 | 250 | 0.7 | <2 | 0.54 | 5 | 11 | 23 | 82 | 3.43 | 10 | <1 |
| L12N/ 22+50W | 0.01 | 0.4 | 1.56 | 135 | <10 | 180 | <0.5 | 8 | 0.11 | 1.9 | 7 | 24 | 40 | 3.24 | 10 | <1 |
| 3L32W/ 23+00W | 0.011 | 0.2 | 2.5 | 52 | <10 | 260 | <0.5 | <2 | 0.02 | <0.5 | 3 | 33 | 122 | 4.57 | 10 | <1 |
| 3L32W/ 23+50W | 0.006 | 1 | 1.96 | 18 | <10 | 120 | <0.5 | <2 | 0.04 | 0.5 | 5 | 25 | 109 | 4.25 | 10 | <1 |
| 3L32W/ 24+00W | 0.006 | 1 | 1.27 | 70 | <10 | 90 | 0.5 | <2 | 0.02 | 0.6 | 4 | 18 | 136 | 5.27 | 10 | <1 |
| 3L32W/ 24+50W | 0.011 | 0.3 | 1.38 | 38 | <10 | 110 | <0.5 | 2 | 0.02 | <0.5 | 4 | 17 | 68 | 4.25 | 10 | <1 |
| L24N/ 32+50W | 0.02 | 2.3 | 1.56 | 132 | <10 | 210 | 0.6 | 3 | 0.22 | 1 | 21 | 21 | 192 | 4.92 | 10 | <1 |
| L24N/ 33+00W | <0.005 | 1.9 | 1.22 | 31 | <10 | 220 | <0.5 | 2 | 0.07 | 1.6 | 15 | 17 | 70 | 2.85 | 10 | <1 |
| L24N/ 33+50W | <0.005 | 1.1 | 1.21 | 32 | <10 | 230 | <0.5 | <2 | 0.1 | 1 | 17 | 21 | 56 | 4.8 | 10 | <1 |
| L24N/ 34+00W | <0.005 | 0.6 | 1.14 | 13 | <10 | 140 | <0.5 | <2 | 0.04 | 1 | 4 | 15 | 64 | 3.8 | 10 | <1 |
| L24N/ 34+50W | 0.006 | 0.8 | 1.94 | 20 | <10 | 390 | 0.6 | <2 | 0.72 | 1.8 | 16 | 28 | 90 | 4.63 | 10 | <1 |
| L24N/ 35+00W | 0.006 | 0.2 | 1.25 | 20 | <10 | 120 | <0.5 | 2 | 0.1 | 0.8 | 6 | 17 | 78 | 5.11 | 10 | <1 |
| L23N 32+50W | 0.007 | 0.4 | 1.19 | 22 | <10 | 140 | <0.5 | <2 | 0.01 | <0.5 | 1 | 14 | 48 | 3.06 | 10 | <1 |
| L23N 33+00W | 0.016 | 0.6 | 1.44 | 12 | <10 | 140 | <0.5 | <2 | 0.02 | 0.5 | 2 | 19 | 41 | 3.35 | 10 | <1 |
| L23N 33+50W | 0.011 | 1.2 | 1.02 | 14 | <10 | 160 | 0.8 | <2 | 0.22 | 1.9 | 19 | 12 | 121 | 4.2 | <10 | <1 |
| L23N 34+00W | 0.011 | 0.3 | 1.64 | 28 | <10 | 90 | <0.5 | <2 | 0.03 | 0.5 | 4 | 27 | 54 | 4.09 | 10 | <1 |
| L23N 34+50W | 0.005 | 0.8 | 1.19 | 12 | <10 | 80 | <0.5 | <2 | 0.04 | <0.5 | 5 | 18 | 33 | 3.04 | 10 | <1 |
| L23N 35+00W | 0.006 | <0.2 | 1.2 | 11 | <10 | 100 | <0.5 | <2 | 0.04 | 0.6 | 5 | 17 | 63 | 3.62 | 10 | <1 |

| | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
| DESCRIPTION | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| L11N/ 21+50W | 0.08 | 10 | 0.67 | 617 | 6 | 0.01 | 34 | 900 | 47 | 0.03 | 22 | 3 | 12 | 0.04 | <10 | <10 | 49 | <10 | 305 |
| L11N/ 22+00W | 0.08 | 10 | 0.22 | 204 | 10 | 0.01 | 13 | 550 | 51 | 0.06 | 18 | 2 | 17 | 0.04 | <10 | <10 | 85 | <10 | 268 |
| L11N/ 22+50W | 0.06 | 10 | 0.32 | 206 | 9 | 0.01 | 13 | 680 | 23 | 0.03 | 12 | 3 | 6 | 0.05 | <10 | <10 | 68 | <10 | 477 |
| L12N/ 13+00W | 0.04 | 10 | 0.09 | 66 | 2 | 0.01 | 6 | 280 | 9 | 0.02 | 3 | 1 | 7 | 0.01 | <10 | <10 | 33 | <10 | 27 |
| L12N/ 13+50W | 0.06 | 10 | 0.5 | 427 | 4 | 0.01 | 29 | 410 | 21 | 0.02 | 9 | 2 | 8 | 0.03 | <10 | <10 | 52 | <10 | 94 |
| L12N/ 14+00W | 0.05 | 10 | 0.71 | 394 | 4 | 0.01 | 40 | 590 | 29 | 0.03 | 12 | 2 | 10 | 0.02 | <10 | <10 | 48 | <10 | 124 |
| L12N/ 14+50W | 0.05 | 10 | 0.34 | 162 | 3 | 0.01 | 11 | 220 | 21 | 0.02 | 4 | 2 | 7 | 0.02 | <10 | <10 | 51 | <10 | 71 |
| L12N/ 15+00W | 0.07 | 10 | 0.47 | 541 | 4 | 0.01 | 31 | 660 | 28 | 0.04 | 9 | 2 | 34 | 0.02 | <10 | <10 | 48 | <10 | 231 |
| L12N/ 15+50W | 0.05 | 10 | 0.39 | 217 | 3 | 0.01 | 18 | 380 | 24 | 0.03 | 6 | 1 | 30 | 0.02 | <10 | <10 | 45 | <10 | 202 |
| L12N/ 16+00W | 0.06 | 10 | 0.36 | 950 | 5 | 0.01 | 25 | 1140 | 30 | 0.06 | 7 | 2 | 41 | 0.01 | <10 | <10 | 32 | <10 | 137 |
| L12N/ 16+50W | 0.05 | 10 | 0.39 | 736 | 4 | 0.01 | 17 | 740 | 297 | 0.02 | 55 | 1 | 11 | 0.01 | <10 | <10 | 36 | <10 | 213 |
| L12N/ 17+00W | 0.04 | 10 | 0.15 | 292 | 4 | 0.01 | 12 | 880 | 30 | 0.02 | 8 | 1 | 6 | 0.02 | <10 | <10 | 43 | <10 | 66 |
| L12N/ 17+50W | 0.05 | 20 | 0.24 | 614 | 8 | 0.01 | 16 | 610 | 57 | 0.02 | 18 | 2 | 5 | 0.02 | <10 | <10 | 47 | <10 | 133 |
| L12N/ 18+00W | 0.04 | 10 | 0.34 | 244 | 4 | 0.01 | 18 | 550 | 21 | 0.01 | 5 | 2 | 6 | 0.02 | <10 | <10 | 39 | <10 | 66 |
| L12N/ 18+50W | 0.06 | 20 | 0.7 | 1150 | 5 | 0.01 | 50 | 1390 | 112 | 0.03 | 79 | 4 | 20 | 0.02 | <10 | <10 | 40 | <10 | 408 |
| L12N/ 19+00W | 0.06 | 10 | 0.47 | 805 | 4 | 0.01 | 35 | 830 | 56 | 0.02 | 49 | 3 | 15 | 0.02 | <10 | <10 | 38 | <10 | 713 |
| L12N/ 19+50W | 0.09 | 20 | 1.32 | 1495 | 7 | 0.01 | 78 | 1290 | 42 | 0.04 | 38 | 5 | 41 | 0.03 | <10 | <10 | 39 | <10 | 4300 |
| L12N/ 20+00W | 0.09 | 10 | 0.57 | 376 | 4 | 0.01 | 23 | 640 | 42 | 0.04 | 25 | 2 | 10 | 0.02 | <10 | <10 | 49 | <10 | 402 |
| L12N/ 20+50W | 0.07 | 10 | 0.68 | 777 | 4 | 0.01 | 31 | 930 | 31 | 0.03 | 30 | 2 | 9 | 0.03 | <10 | <10 | 49 | <10 | 660 |
| L12N/ 21+00W | 0.06 | 10 | 0.66 | 612 | 3 | 0.01 | 36 | 860 | 42 | 0.03 | 16 | 3 | 9 | 0.03 | <10 | <10 | 48 | <10 | 682 |
| L12N/ 21+50W | 0.08 | 10 | 0.5 | 1420 | 4 | 0.01 | 25 | 1600 | 29 | 0.04 | 9 | 1 | 10 | 0.02 | <10 | <10 | 46 | <10 | 217 |
| L12N/ 22+00W | 0.08 | 20 | 0.68 | 686 | 3 | 0.03 | 33 | 1080 | 31 | 0.04 | 12 | 3 | 28 | 0.03 | <10 | <10 | 48 | <10 | 455 |
| L12N/ 22+50W | 0.07 | 10 | 0.47 | 607 | 3 | 0.01 | 19 | 610 | 19 | 0.02 | 9 | 1 | 7 | 0.02 | <10 | <10 | 49 | <10 | 331 |
| 3L32W/ 23+00W | 0.23 | 10 | 0.61 | 397 | 7 | 0.02 | 21 | 1280 | 13 | 0.18 | 4 | 2 | 49 | 0.08 | <10 | <10 | 82 | <10 | 57 |
| 3L32W/ 23+50W | 0.11 | 10 | 0.48 | 682 | 3 | 0.01 | 23 | 1290 | 8 | 0.05 | <2 | 2 | 19 | 0.09 | <10 | <10 | 87 | <10 | 84 |
| 3L32W/ 24+00W | 0.08 | 10 | 0.26 | 203 | 5 | 0.01 | 19 | 1110 | 23 | 0.06 | 8 | 1 | 20 | 0.02 | <10 | <10 | 45 | <10 | 97 |
| 3L32W/ 24+50W | 0.06 | 10 | 0.17 | 304 | 8 | 0.01 | 14 | 1240 | 26 | 0.04 | 7 | 1 | 14 | 0.02 | <10 | <10 | 58 | <10 | 102 |
| L24N/ 32+50W | 0.11 | 20 | 0.36 | 704 | 15 | 0.01 | 26 | 890 | 42 | 0.06 | 8 | 4 | 29 | 0.03 | <10 | <10 | 56 | <10 | 120 |
| L24N/ 33+00W | 0.08 | 20 | 0.18 | 1340 | 13 | 0.01 | 15 | 720 | 14 | 0.05 | 3 | 1 | 18 | 0.02 | <10 | <10 | 52 | <10 | 80 |
| L24N/ 33+50W | 0.08 | 20 | 0.24 | 2340 | 9 | 0.01 | 20 | 1200 | 15 | 0.04 | <2 | 1 | 11 | 0.03 | <10 | <10 | 58 | <10 | 95 |
| L24N/ 34+00W | 0.07 | 20 | 0.15 | 433 | 17 | 0.01 | 17 | 1260 | 16 | 0.07 | 3 | 1 | 22 | 0.01 | <10 | <10 | 54 | <10 | 85 |
| L24N/ 34+50W | 0.07 | 10 | 0.29 | 1430 | 9 | 0.02 | 32 | 1270 | 18 | 0.07 | 4 | 3 | 38 | 0.01 | <10 | <10 | 56 | <10 | 231 |
| L24N/ 35+00W | 0.07 | 10 | 0.18 | 292 | 18 | 0.01 | 19 | 1150 | 16 | 0.03 | 4 | 1 | 14 | 0.01 | <10 | <10 | 56 | <10 | 130 |
| L23N 32+50W | 0.1 | 30 | 0.14 | 99 | 13 | 0.01 | 6 | 990 | 13 | 0.1 | 5 | 1 | 17 | 0.01 | <10 | <10 | 59 | <10 | 33 |
| L23N 33+00W | 0.08 | 10 | 0.22 | 422 | 16 | 0.01 | 11 | 920 | 17 | 0.11 | 3 | 1 | 21 | 0.02 | <10 | <10 | 57 | <10 | 42 |
| L23N 33+50W | 0.1 | 40 | 0.16 | 1405 | 27 | 0.02 | 26 | 1470 | 41 | 0.14 | 3 | 1 | 33 | 0.01 | <10 | <10 | 32 | <10 | 164 |
| L23N 34+00W | 0.07 | 10 | 0.44 | 311 | 8 | 0.01 | 18 | 600 | 15 | 0.06 | 4 | 2 | 11 | 0.03 | <10 | <10 | 64 | <10 | 62 |
| L23N 34+50W | 0.05 | 10 | 0.24 | 634 | 5 | 0.01 | 12 | 880 | 11 | 0.03 | <2 | 1 | 7 | 0.02 | <10 | <10 | 62 | <10 | 57 |
| L23N 35+00W | 0.06 | 20 | 0.35 | 415 | 8 | 0.01 | 21 | 950 | 14 | 0.04 | 2 | 1 | 8 | 0.01 | <10 | <10 | 37 | <10 | 78 |