### **MOON ENERGY CORP.**

DIAMOND DRILLING REPORT

**FOR** 

MOON ENERGY CORP FOUNDATION, CANADA

ON THE

STARGATE PROJECT,

FRIPP TOWNSHIP,

PORCUPINE MINING DIVISION,

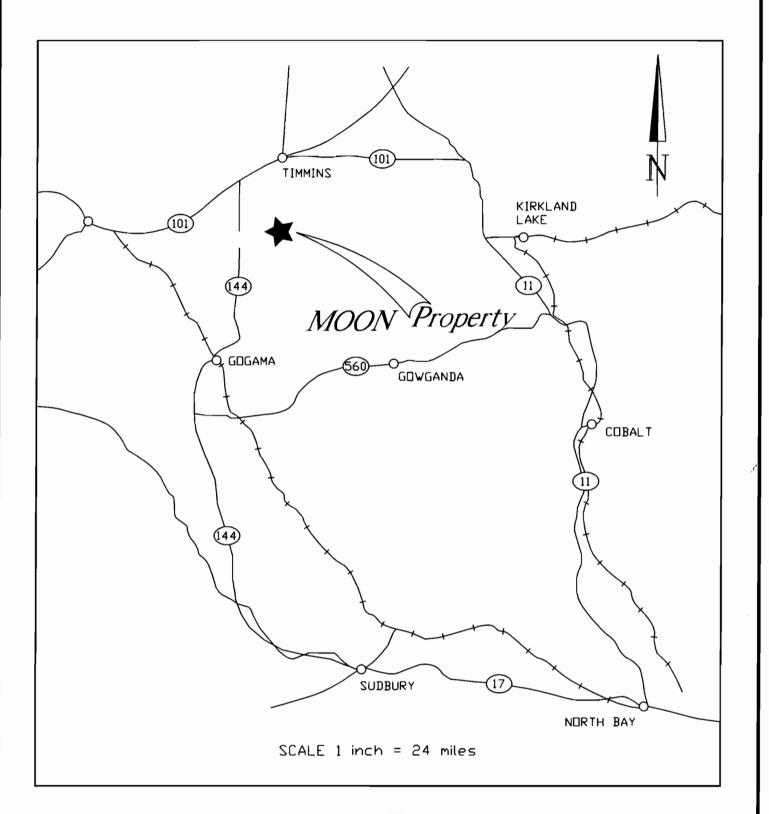
DISTRICT OF COCHRANE



6/25/2010 Glenn Galata

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Moon Energy Corp. Foundation, Canada

Fripp Township

(Regional Location Map)

#### Introduction

During the late summer of 2008, a single hole diamond drilling program totaling 236 meters was undertaken by Moon Energy Corp. within Fripp Township on claim 4240012. This vertically oriented hole was the first to be drilled within this relatively under explored portion of Fripp Township where the region has experienced limited assessment verifiable exploration coverage historically.

The purpose of this drill hole program was to test at depth, geological target trends generated by a developing proprietary geophysical program under a controlled test development within the project area as related to PGM exploration.

Subsequent to drilling, a proprietary ground based geophysical survey was performed within the entire areal extent of the report claim to test for geophysical responses which may be indicative of subsurface mineralization and alteration structures specifically related to PGM lithology. Drill core extracted returned lithology characteristics related to a primary Variolitic Gabbro layering sequence mineralized with varying amounts of disseminated sulphides over several hundred meters. Indications for gold mineralization deposition were as well reveled.

Based on results obtained as a result of the drilling returns, recommendations are that this drill hole program be followed up with an extension of the same hole and in addition, the deployment of a second along strike to the immediate west which would "directly" test geophysical targets outlined by proprietary based down-hole survey undertakings which were performed subsequent to the drilling within FRIPP08-01; results of which will be discussed in an upcoming report. Results from this second drill program will further assist in the development of the geophysical methodology and the resulting project areas overall potential for advanced exploration. Evidence of an exceptional large scale primary PGE mineralization environment being encountered in this portion of Fripp Township is thought to exist.

This report is being authored by Glenn Galata who is the president of Denton Resources Ltd, a subsidiary exploration operator under Moon Energy Corp. and is the supervising authority overseeing all exploration initiatives for the company within the Fripp Property. The authors address is given as 2020 Sheppard Avenue West, Unit 805, Toronto Ontario, M3N 1A3 with contact numbers listed as 647-346-6270 (phone), and 416-629-8234 (fax).

The property and diamond drilling workings were visited by the Porcupine Resident Geologist Brian Atkinson during a field review to examine the drilling operation and extracted core.

#### **Location and Access**

The Moon Energy Corp, "Stargate" PGE-Gold property is located in the south east quadrant of Fripp Township which is part of the Porcupine Mining Division, district of Cochrane, in Northeastern Ontario. More specifically, it is situated approximately 25 km due south of the city of Timmin's directly adjacent to Pine Street South which bisects the cumulative claim holdings under registration to Moon Energy Corp. straddling the Township line between both Fripp and McArthur Townships Access to the property at a point approximately 24.5 km south along Pine Street is gained by way of a logging road network which traverses westerly through the report claim. Access to the report drill hole collar location is then possible by traveling west along the same logging road for approximately 425 meters where evidence of drilling activity can be seen. The western property boundary perimeter is directly contiguous to the Amador Gold Corp Fripp Township project holdings another 500 meters due west.

#### **Property**

The property area referred to in this report consists of one staked mining claim consisting of 12 mining claim "units". The claim is contiguous to the immediate west of the primary exploration holdings of Moon Energy Corp identified as the "Stargate" PGE Project which has served as the basis for proprietary geophysical developments within the project area since 2008.

#### **Mineral Exploration History**

The mineral exploration history for assessment eligible verification of workings within the immediate" project area claim block is predominantly absent outside of regionally based OGS program coverage records. The most significant and historically noteworthy exploration target deemed to be in reasonable proximity for mentioning has been the Hollinger Fripp Copper Prospect where significant copper mineralization within a granitic host is known to reside approximately 1400 meters to the immediate south-west of the report claim as clustered within 5 leased mining claims. The Hollinger Fripp Copper Prospect has been worked by many companies over the span of several decades but was deemed to have limited potential for depth and strike continuity.

The "immediate" area of exploration has exhibited an almost barren region of assessment reported coverage historically and has not been subjected to any known diamond drilling exposure. Due to the lack of immediate work coverage, a brief outline of surrounding "proximity" work will be discussed with the most significantly recent undertaking being deployed by Amador Gold Corp. A diamond drilling program performed between May of 2008 and March 2009 to the immediate west of the project boundary on the eastern side of Bruce Lake is the most significant drilling activity performed over the past decade outside of the Hollinger Fripp Copper Prospect region of which results returned formed at least part of the rational to enter into the current report project area. Results from this program have shown that a north-south trending geological environment consisting of Deloro age iron formation interleaved with varying Gabbro environments mineralized with predominately disseminated to blebby pyrrhotite and minor chalcopyrite, trends northerly (north, north-west) through Fripp Township along the contact of the Deloro - Tisdale assemblage, with flat-lying gold bearing quartz carbonate veins as well offering potential for gold deposition. While this historical work is somewhat distant from the current project zone, its exploratory proximity to the same structural setting to that of the current project zone, gives a reasonable comparative virtue for potential exploratory returns within the current report claim trend on a relational level.

#### **Diamond Drilling Overview**

Diamond drilling within the project area was initiated to test at depth, lithology, alteration and mineralization characteristics within an area of influence outlined by geophysical results returned from a regionally scoped and remotely based PGE oriented proprietary survey procedure still in the testing and development phases. As a result of this geophysical program, target trends warranting drill follow-up were outlined and claims were then staked to cover the areas of interest. In this region characteristically, the close proximity of intruding granitic batholiths and plutons, have shown to be of great influence for the presence of Copper, Nickel and Gold bearing horizons existing between the two structures but subsequent examination of the area on a prospecting level had revealed outcropping which varied greatly on a compositional level to that which was later seen in drill core returned at depth. Results from this exploratory program formed the basis for further exploration which revealed potential more indicative of a primary PGE and Gold mineralization deposition model than it did for the more historically sought Nickel and Copper returns further to the west.

Regional OGS deployed mapping and airborne geophysical surveys of Fripp and McArthur Townships and surrounding areas had outlined a series of two almost parallel regional scale magnetic structures with accompanying airborne anomaly signature trends which run adjacent to and are separated from the report claim by several kilometers of predominately magnetic low and relatively featureless geological strata. This relatively unexplored trend deemed historically devoid of obvious exploration incentives was specifically the target corridor detected and outlined by the earlier deployed proprietary geophysical program. This target corridor is deemed to represent the unconformity contact between the Deloro and Tisdale geological sequences and as such, was felt to represent a structural horizon worthy of exploratory coverage even in the absence of obvious surface mineralization and airborne targets.

One vertically drilled hole totaling 236 meters was undertaken within the south-eastern quadrant of the present report claim 4240012. The most significant portion of the drill target trend outlined for testing, as outlined by the same earlier deployed ground based proprietary geophysical survey, demonstrated that a shallow dipping structure lay at depth and as such, a vertically oriented drill hole was deployed to best intersect the target horizon as close to right angles as possible for at least the first drill hole or until a follow up hole could be subsequently drilled to better determine dip. Mineralization and alteration of varying Gabbro hosts were encountered within most of the 236 meter drill hole with unexpected levels of significant quartz veining accompanying it. Such an environment is of high significance as a similar geological model is known to exist which contained economic levels of PGE mineralization at the Lac Des Isles offset zone.

#### Conclusion:

The diamond drill program was successful in outlining the presence of a geological environment and structure which has significant potential to host a large scale Platinum Group Element deposit model. The geological indications in the drill core related to a Variolitic Gabbro host setting demonstrate proximity to such an environment and the widths of the mineralized host lithologies encountered gives credence that the system has significant dimensional potential. It is considered encouraging that this environment is coincident with the targeting returns from the developing proprietary geophysical modeling and as such, gives incentive to the further development of its processes within the project area. At this time, and in lieu of the yet unconfirmed virtues of the deployed geophysical methodology used, the current diamond drilling returns are considered to be blind stratigraphy returns.

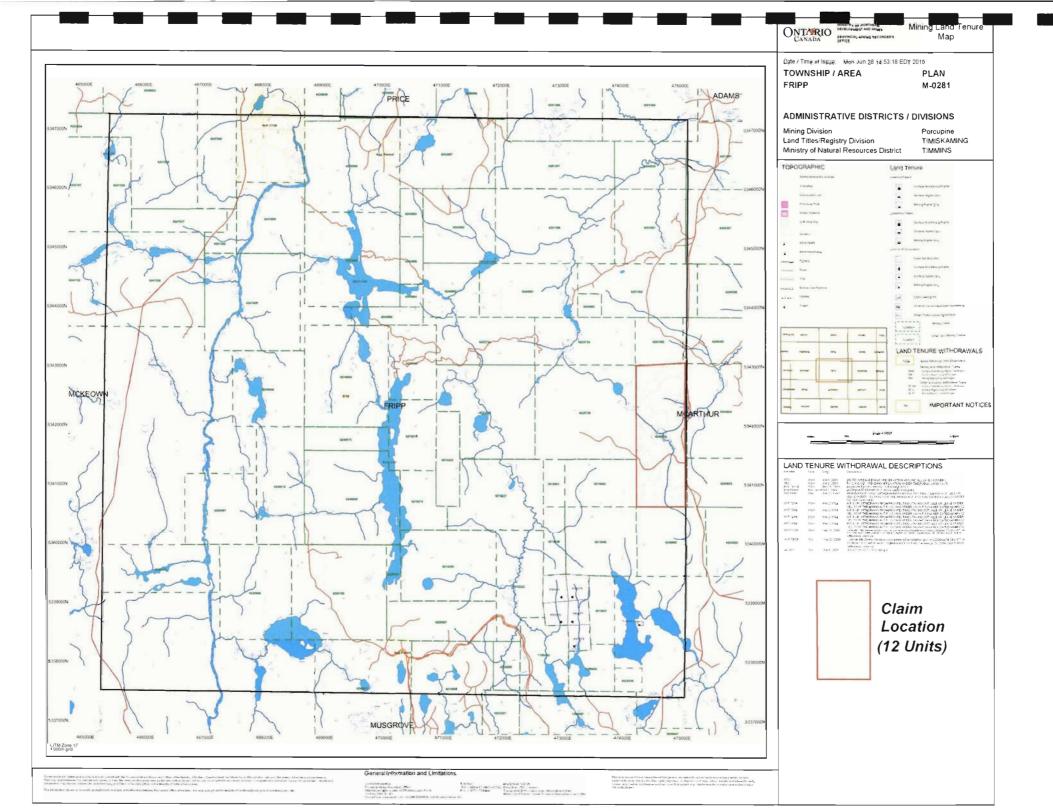
#### Recommendation:

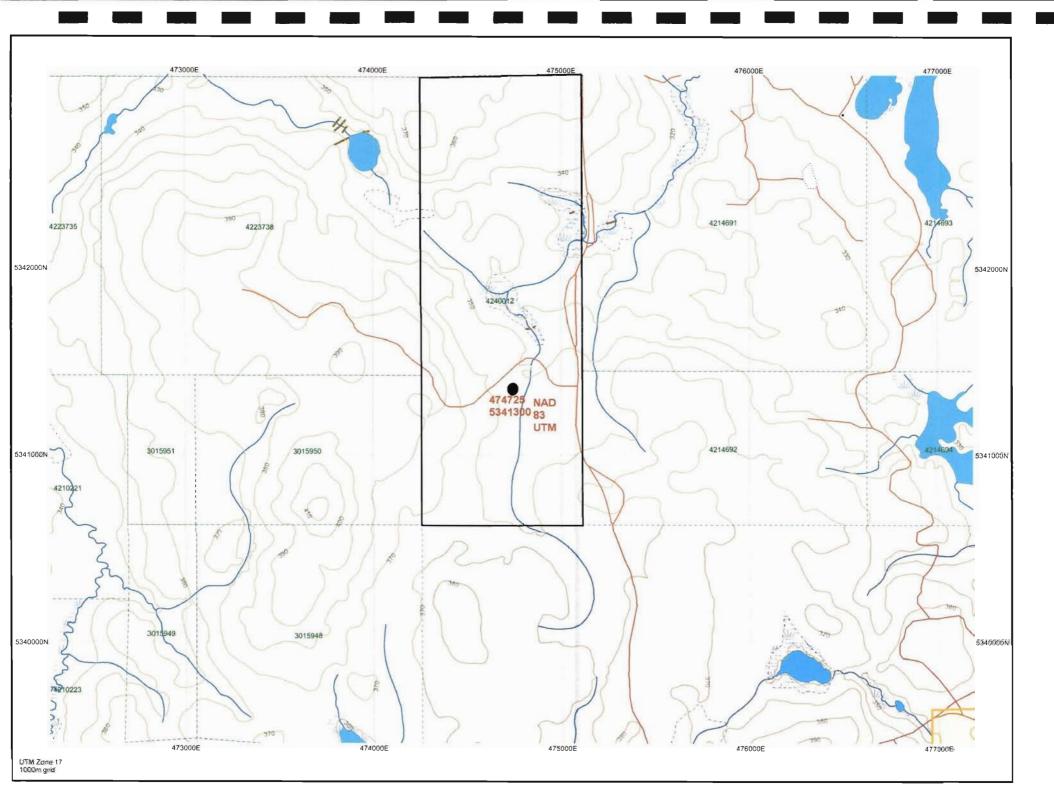
In response to the favorable lithology, alteration and mineralization encountered within a layered mafic-ultramafic intrusive environment known to host economic PGE mineralization levels in similar environments elsewhere within the province, notably Lac Des Isles, further diamond drilling to extend the hole would be strongly warranted to intersect the still untested geophysical signature existing another 229 meters down at 465 meters total.

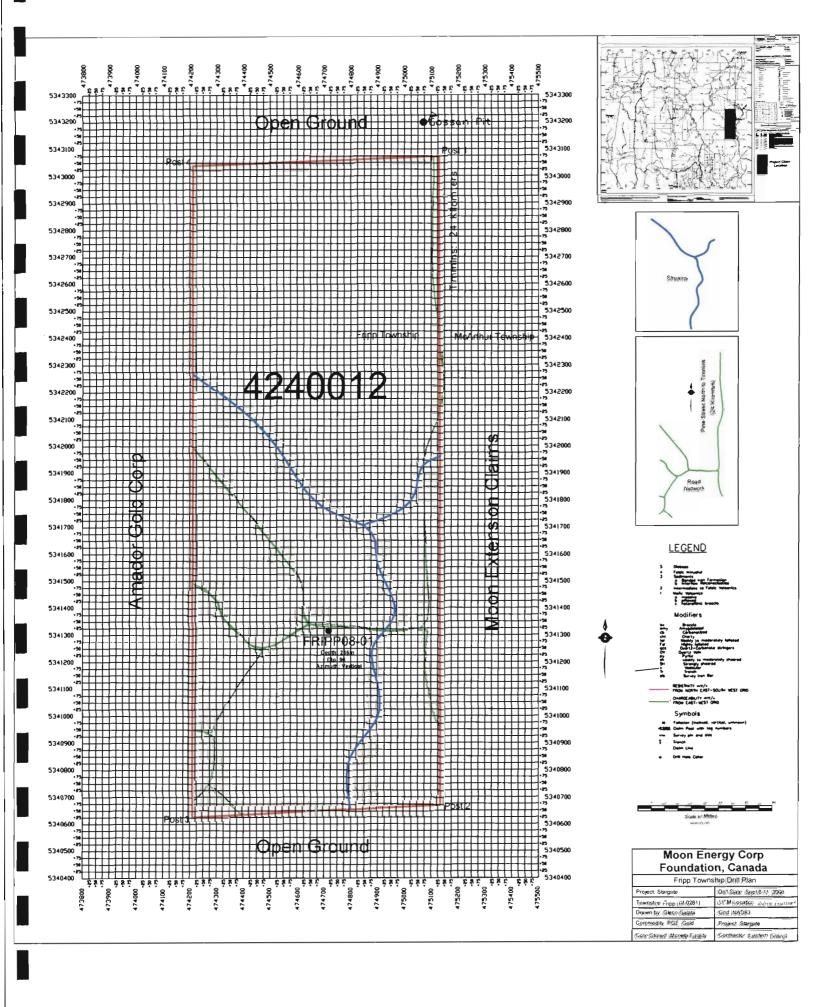
#### References

An update of the Abitibi Targeted Geoscience Initiative ((TGI-3) Program in Ontario. J. Ayer, B. Berger, J. Chartrand, V. Felix, M. Houle and N. Trowell, Precambrian Geoscience Section, Ontario Geological Survey, Sudbury

Assessment files of the Resident Geologist's office, Porcupine, Ontario







#### Figure 5

Hole: FRIPP08-01 Collar Dip: - 90 degrees Azimuth: Verticle Hole Core Size: NQ

### Fripp Project

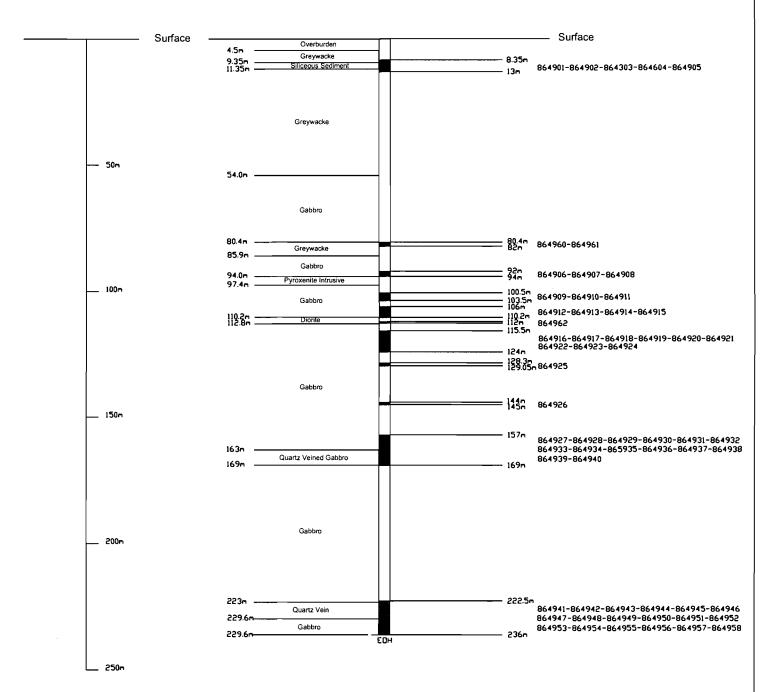
Claim: 4240012

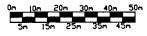
UTM: 474717E, 5341316N Grid: NAD 83, Zone 17

GIIG. NAD 63, ZONE

Twp: Fripp

### Drill Section (Cross View)





Core Log Legend: POCP (Pyrhotite), CP (Chalcopyrite) % (Mineralization), STR (Stringer)

Assay Legend: NI %, CU %, AU gpt, PT gpt, PD gpt - (Meters)

|   | Drawing By: Glenn Galata   | Drawing Date: June 20, 2010        |
|---|----------------------------|------------------------------------|
|   | Contractor: Norex Drilling | Drill Date: Sept 8 - Sept 11, 2008 |
| ı | Logged: Kevin Montgomery   | Core Stored: Moneta Facility       |

#### **HOLE: FRIPP08-01**

#### DIAMOND DRILL LOG

Dip Depth Azimuth HOLE: FRIPP08-01 Denton Resources COMPANY: □Collar Azimuth: 360 PROPERTY: Fripp LOCATION: Fripp Twp. Ontario CLAIM: 4240012 □Collar Dip: -90 GRID: UTM Zone 17 NAD 83 GPS: 474717E, 5341316N □Hole Length: 236 m. OBJECTIVE: Survey Development Test (PGE environment) \( \subseteq \subseteq NQ \) Core size DRILLERS: Norex Drilling DRILLING DATE: September 8-11, 2008 COMMENTS: SAMPLE FROM FROM TO LITHOTYPE **GEOLOGICAL DESCRIPTION** LENGTH Au ppb Cu ppm Zn ppm Ni ppm 4.5 Overburden Greywacke Greenish grey, Fg-Vfg, non-magnetic massive chloritic 4.5 9.35 greywacke. It consists of 20 - 25 % biotite and mafics and 75% felsic grains. MINERALIZATION: Trace cubic Vfg-fg pyrite disseminations locally. STRUCTURE: Non bedded, RQD-95. 8.35-9.35 MINERALIZATION: Overall 1-2% Fg disseminated cubic 864901 8.35 9.35 1 pyrite with 4% concentrated at about 8.9m. Lower contact undiscernable due to minor rusty shearing. Light green, Fg- Vfg, non magnetic, weak foliation siliceous 9.35 11.35 Siliceous greywacke or a quartzite. Unit contains 5 % dark green Sediment chlorite specks. 864902 9.35 10.35 1 MINERALIZATION:1-2 % Fg cubic disseminated pyrite. 864903 10.35 11.35 1 STRUCTURE: Non bedded, moderate fracturing RQD- 65. Lower Contact Sharp 65 to CA. 11.35 Greywacke Same as 4.5- 9.35m but bedded. ALTERATION: Weak to moderate chloritization throughout and local mauve diffuse hematization. STRUCTURE: Moderately well bedded; 45 to CA at 12.5m; 55 to CA at 14.2m; 40 to CA at 17.3m,21.6m, 25m; 35 to CA at 28.7m; 30 to CA at 33.7m, 38.5m; 35 to CA at 44m. 11.35-12.15 MINERALIZATION:1-2% Fg brassy cubic pyrite dissemin 864904 11.35 12.15 8.0 12.15 13 0.85 ations. 864905

12.15-13 MIN: 0.5% Fg brassy cubic pyrite disseminations.

| FROM | то   | LITHOTYPE   | GEOLOGICAL DESCRIPTION                                     | SAMPLE | FROM   | то   | LENGTH |   |   |  |
|------|------|---|--|--------|--|------|--------|---|---|--|
|      |      | 13-14   | MINERALIZATION: Trace, same as above.                      |        |  |      |        |   |   |  |
|      |      |   | ALTERATION: 5 % white calcite specks.                      |        |  |      |        |   |   |  |
|      |      | 16.2-17   | Core Lost, ground by drillers or fault gouge- unsure.      |        |  |      |        |   |   |  |
|      |      | 17.5-18.4   | 3-4% dark green - black chlorite clots (1-3mm size).       |        |  |      | i -    |   |   |  |
|      |      | 17.5  | White quartz-calcite veinlet infilling a fracture that has |        |  |      |        |   |   |  |
|      |      |   | caused 1.5cm left hand displacement of foliation/bedding   |        |  | -    |        |   |   |  |
|      |      |   | Bull white quartz irregular patch.                         |        |  |      |        |   |   |  |
|      |      | 20-20.5   | MINERALIZATION: 0.5% brown Vfg pyrrhotite dissemina        | tions. |  |      |        |   |   |  |
|      | ĺ    | 23.7  | White calcite-quartz vein (2cm), 40 to CA.                 |        |  |      |        |   |   |  |
|      |      | 35.3-35.45  | White quartz vein sweats                                   |        |  |      |        |   |   |  |
|      |      | 36.8-37.05  | Same as above, 45% of section                              |        |  |      |        |   |   |  |
|      |      | 39-42   | Moderately blocky core RQD- 65 due to low angle fractur    | es     |  |      |        |   |   |  |
|      |      | 44-47   | Dark green, Vfg, weakly foliated calcite altered strongly  |        |  |      |        |   |   |  |
|      |      |   | chloritized greywacke bed. Upper contact 45 to CA and      |        |  |      |        |   |   |  |
|      |      |   | Lower Contact Gradational.                                 |        |  |      |        |   |   |  |
|      |      | 47.9-52.3   | Light green to cream, bleached, hard, Vfg, silicified and  |        |  |      |        |   |   |  |
|      |      |   | lesser sericitized sediment.                               |        |  |      |        |   |   |  |
|      |      |   | Alteration possibly a result of gabbro intrusive below.    |        | <u> </u>                                     |      |        |   |   |  |
|      |      |   | Lower Contact of unit Sharp 15 to CA.                      |        |  |      |        |   |   |  |
| 54   | 80.4 | Gabbro  | Dark green, non-magnetic, massive, moderately soft, Mg     |        |  |      |        |   |   |  |
|      |      |   | gabbro. It is comprised of 75-80% dark green chloritized   |        |  |      |        |   |   |  |
|      |      |   | amphibole phenocrysts with a Vfg quartz calcite            |        |  |      |        | İ | i |  |
|      | j    |   | matrix interstial to the amphiboles.                       |        |  |      |        |   |   |  |
|      |      |   | STRUCTURE: Weak fracturing, RQD 75-80.                     |        |  |      | İ      |   |   |  |
|      |      |   | The gabbro is cut by minor quartz calcite filled fractures |        |  |      |        |   |   |  |
|      |      |   | to local patches. The fractures are randomly oriented and  | i      | <u> </u>                                     |      |        |   |   |  |
|      |      |   | some have faint cream epidote alteration halos about the   | m.     |  |      |        |   |   |  |
|      |      |   | Lower Contact Gradational.                                 |        |  |      |        |   |   |  |
|      |      |   |  |        | <u>                                     </u> |      |        |   |   |  |
| 80.4 | 85.9 | Greywacke   | Greenish grey, Vfg, weakly foliated non-magnetic           |        |  |      |        |   |   |  |
|      |      |   | greywacke that contains 5-7% chloritic mafic flecks.       |        |  |      |        |   |   |  |
|      |      |   | STRUCTURE: weak foliation 15 to CA, locally 0 to CA.       |        |  |      |        |   |   |  |
|      |      |   | MINERALIZATION: Nil sulphides.                             |        |  |      |        |   |   |  |
|      |      | 80.4-81.2 5-7% grey to white quartz+/-calcite stringers |  |        | 80.4   | 81.2 | ·      |   |   |  |
|      |      |   | Lower Contact Sharp, 20 to CA.                             | 864961 | 81.2   | 82   | 0.8    |   |   |  |

| FROM | то    | LITHOTYPE   | GEOLOGICAL DESCRIPTION                                     | SAMPLE    | FROM        | то      | LENGTH |   |              |          |
|------|-------|-------------|--|-----------|-------------|---------|--------|---|--------------|----------|
| 85.9 | 94    | Gabbro      | Same as 54- 80.4m.   |           |             |         |        |   |              |          |
| ĺ    |       |             | MINERALIZATION: Nil sulphides till the lower contact are   | 864906    | 92          | 92.5    | 0.5    |   |              |          |
|      |       |             | 92-92.5 m trace; 92.5-93.5 0.5-1%; 93.5-94 trace           | 864907    | 92.5        | 93.5    | 1      |   |              |          |
|      |       |             | Vfg-fg disseminated pyrite.                                | 864908    | 93.5        | 94      | 0.5    |   | İ            |          |
|      |       | 88.65-88.75 | Bull white quartz vein Upper Contact 60 to CA              |           |             |         |        |   |              |          |
|      |       |             | Lower Contact 80 to CA.                                    |           |             |         |        | - |              |          |
|      |       | 88.5-94     | Several white diffuse quartz irregular veins to sweats.    |           |             |         |        |   | <br>İ        | _        |
|      |       |             | Lower Contact Sharp 75 to CA.                              |           |             |         |        |   |              |          |
|      |       |             |  |           |             |         |        |   |              |          |
| 94   | 97.4  | Pyroxenite  | Green, fg, homogeneous, moderately soft, massive,          |           |             |         |        |   | <br>         |          |
|      |       | Intrusive   | intrusive. It consists of 10-20 % black amphiboles, 50-60  |           |             |         |        |   | <br>         |          |
|      |       |             | green pyroxene interlocked phenocrysts with felsics inter  | stial     |             |         |        |   | <br><u> </u> |          |
|      |       | -           | to the phenocrysts. The intrusive is moderate to weakly    |           |             |         |        |   |              |          |
|      |       |             | fractured (RQD-80) and cut by minor quartz - calcite fille | <u>d</u>  |             |         |        |   |              |          |
|      |       |             | fractures (1-3mm thick).                                   |           |             |         |        |   |              |          |
|      |       |             | MINERALIZATION: Nil sulphides.                             |           |             |         |        |   |              |          |
|      |       |             | Lower Contact Sharp 20 to CA.                              |           |             |         |        |   |              |          |
| 07.4 | 440.0 | Oakka       | Dod Fa harasan di salata                                   |           |             |         |        |   |              | <u> </u> |
| 97.4 | 110.2 | Gabbro      | Dark green, Fg, homogeneous, non-magnetic, moderatel       |           |             | 7 78185 |        |   |              |          |
|      |       |             | soft massive gabbro intrusive. It is comprised of 90% ma   |           |             |         |        |   |              |          |
|      |       |             | (predominately chloritized amphiboles and lesser pyroxel   | ne)       | <u> </u>    |         |        |   | <br>         |          |
|      |       |             | and 10% felsics interlocked.                               |           |             |         |        |   |              | <u></u>  |
|      |       |             | ALTERATION: Moderate pervasive calcite                     |           |             |         |        |   |              | <u> </u> |
|      |       |             | STRUCTURE: Moderate to locally well fractured.             |           |             |         |        |   | <br>         |          |
|      |       |             | RQD- 60- 70 throughout.                                    |           |             |         |        |   | <br>         |          |
|      |       |             | MINERALIZATION: trace Vfg finely disseminated interstic    | <u>al</u> |             |         |        |   | <br>         |          |
|      |       |             | pyrite and pyrihotite throughout.                          |           |             |         |        |   |              |          |
|      |       |             | Quartz-calcite vein, UC 55 to CA and LC 20 to CA.          |           |             |         |        |   |              |          |
|      |       | 100.5-101.5 | MINERALIZATION:0.5%, very finely disseminated              | 864909    | <del></del> |         |        |   | <br>         |          |
|      |       |             | interstial pyrite and pyrrhotite (Po).                     | 864910    |             |         | 1      |   |              |          |
|      |       |             | MINERALIZATION: Same as above.                             | 864911    | 102.5       | 103.5   | 1      |   |              |          |
|      |       |             | MINERALIZATION: 0.5-1%, Same as above.                     |           |             |         |        |   |              |          |
|      |       | 106-107     | MINERALIZATION: 0.5%, Vfg-fg pyrite and lesser Po          | 864912    |             | 107     |        |   |              |          |
|      |       |             | concentrated along or within microfractures.               | 864913    |             | 108     |        |   |              |          |
|      |       | 107-108     | MINERALIZATION: Same as above.                             | 864914    |             | 109     |        |   |              |          |
|      |       |             | Lower Contact Sharp 25 to CA.                              | 864915    | 109         | 110.2   | 1.2    |   |              |          |

| 110.2 112.8 Diorite Light grey, Vfg, homogeneous, massive diorite intrusive. Higher quartz and feldspar content 50% than the gabbro. Diorite composed of Vfg-fg 40-50% black amphibole phenocrysts interlocked with grey quartz and white feldspar phenocrysts. MINERALIZATION: Nil sulphides.  110.2-110.9 5% white quartz- calcite filled fractures 1112.7-112.8 Fault gouge slip? Lower Contact Sharp 50 to CA.  112.8 163 Gabbro Same as 97.4-110.2m. It consists of 85% mafics predominantly chloritized amphiboles and lesser black biotite or amphibole and 15% white plagioclase-quartz specks. MINERALIZATION: Trace Vfg disseminated pyrite throughout with local higher sections noted below. MINERALIZATION: 5-1%, Same as above. MINERALIZATION: 5-1%, Same as above. MINERALIZATION: 0.5-1%, Same as above. MINERALIZATION: 0.5-1%, Same as above. MINERALIZATION: 0.5-1%, Same as above. MINERALIZATION: 110.5-116.5 110.5  |                     | LENGTH | то          | FROM  | SAMPLE  | GEOLOGICAL DESCRIPTION                                    | LITHOTYPE    | то    | FROM  |
|--|---------------------|--------|-------------|-------|---------|---|--------------|-------|-------|
| Higher quartz and feldspar content 50% than the gabbro.  Diorite composed of Vfg-fg 40-50% black amphibole phenocrysts interlocked with grey quartz and white feldspar phenocrysts.  MINERALIZATION: Nil sulphides.  110.2-110.9 5% white quartz- calcite filled fractures  112.7-112.8 Fault gouge slip?.  Lower Contact Sharp 50 to CA.  112.8 163 Gabbro Same as 97.4-110.2m. It consists of 85% mafics predominantly chloritized amphiboles and lesser black biotite or amphibole and 15% white plagicalse-quartz specks.  MINERALIZATION: Trace Vfg disseminated pyrite throughout with local higher sections noted below.  MINERALIZATION: 5-1%, Same as above.  116.5-116.5 MINERALIZATION:0.5-1%, Same as above.  119.4-120.4 MINERALIZATION:0.5-1%, Same as above.  120.4-123.4 MINERALIZATION:0.5-1%, Same as above.  121.4-124 MINERALIZATION:0.56 for brassy pyrite disseminations.  121.4-125.5 Same as above, 90 to CA.  122.4-125.5 Same as above, 90 to CA.  123.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5-119.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations.  121.2.5 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5-119.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations.  125.45-125.5 Same as above, 90 to CA.  126.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations.  127.5 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations.  128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations.  129.5 MINERALIZATION: 1% fg brassy pyrite dissemination.  131.25 MINERALIZATION: 1% fg brassy pyrite dissemination.  144-145 MINERALIZATION: 1.5-1% fg brassy pyrite dissemination.  144-145 MINERALIZATION: 1.5-1% fg brassy pyrite dissemination.  144-145 MINERALIZATION: 1.5-1% fg brassy pyrite dissemination.  144-145 MINERALIZATION: 1.5-1% fg brassy pyrite dissemination.  145 brass defended and the factures.  146 brass defended and factures.  147 brass defended and factures.  148 brass defended and factures.  149 brass defended and factures.  140 brass defended and felority and les |                     |        |             |       |         | Light grey, Vfg, homogeneous, massive diorite intrusive.  | 2.8 Diorite  | 112.8 | 110.2 |
| phenocrysts interlocked with grey quartz and white feldspar   phenocrysts   phenocry   |                     |        |             |       |         |   |              |       |       |
| phenocrysts   MINERALIZATION: Nil sulphides.   110.2-110.9   5% white quartz- calcite filled fractures   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   112.7-112.8   Fault gouge slip?   864962   112.7-112.8   Fault gouge slip?   864962   112.7-112.8   Fault gouge slip?   864962   112.7-112.8   Fault gouge slip?   864962   113.5   116.5    |                     |        |             |       |         | Diorite composed of Vfg-fg 40-50% black amphibole         |              |       |       |
| MINERÁLIZATION: Nil sulphides.   110.2-110.9 5% white quartz- calcite filled fractures   112.7-112.8 Fault gouge slip?   864962   112   112.5   0.5  |                     |        |             |       | ar      | phenocrysts interlocked with grey quartz and white feldsp |              |       |       |
| 110.2-110.9   5% white quartz- calcite filled fractures   112.7-112.8   Fault gouge slip?   864962   112   112.5   0.5   |                     |        |             |       |         | phenocrysts.  |              |       |       |
| 112.7-112.8   Fault gouge slip?   Lower Contact Sharp 50 to CA.  |                     |        |             |       |         | MINERALIZATION: Nil sulphides.                            |              |       |       |
| Lower Contact Sharp 50 to CA.  112.8 163 Gabbro Same as 97.4-110.2m. It consists of 85% mafics predominantly chloritized amphiboles and lesser black biotite or amphibole and 15% white plagioclase-quartz specks.  MINERALIZATION: Trace Vfg disseminated pyrite through- out with local higher sections noted below. 86.4916 115.5 116.5 11.5 116.5 1 115.5-116.5 MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem. 86.4917 116.5 117.5 1 116.5-117.5 MINERALIZATION:0.5-1%,Same as above. 86.4918 117.5 118.5 1 119.4-120.4 MINERALIZATION:0.5-1%,Same as above. 86.4919 118.5 119.4 1 120.4-123.4 MINERALIZATION:0.5-1%,Same as above. 86.4920 119.4 120.4 1 121.85-122 Light grey,Vfg, homogeneous felsic dyke(5% amphiboles 86.4921 120.4 121.4 1 121.85-125.5 Same as above, 90 to CA. 86.4923 122.4 123.4 124 0.6 128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations 86.4925 128.3 129.05 0.75 about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite. 131.25 MINERALIZATION: 0.5-1% fg brassy pyrite in local fractures fillings.   |                     |        |             |       |         | 5% white quartz- calcite filled fractures                 | 110.2-110.9  |       |       |
| 112.8 163 Gabbro Same as 97.4-110.2m. It consists of 85% mafics predominantly chloritized amphiboles and lesser black biotite or amphibole and 15% white plagioclase-quartz specks.    MINERALIZATION: Trace Vfg disseminated pyrite throughout with local higher sections noted below. 864916 115.5 116.5 1   115.5-116.5 MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem. 864917 116.5 117.5     116.5-117.5 MINERALIZATION:0.5-1%, Same as above. 864918 117.5 118.5 1   119.4-120.4 MINERALIZATION:0.5-1%, Same as above. 864919 118.5 119.4 1   120.4-123.4 MINERALIZATION:0.5% Same as above. 864919 118.5 119.4 1   123.4-124 MINERALIZATION:1% fg brassy pyrite disseminations. 864920 119.4 120.4 1   121.85-122 Light grey, Vfg, homogeneous felsic dyke(5% amphiboles 864922 121.4 122.4 1   125.45-125.5 Same as above, 90 to CA. 864924 123.4 124 0.6 128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations 864925 128.3 129.05 0.75 about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite. 131.25 MINERALIZATION: 0.5-1% fg brassy pyrite in local fractures. 144-145 MINERALIZATION: 0.5-1% fg brassy pyrite dissemination 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.   |                     | 0.5    | 112.5       | 112   | 864962  | Fault gouge slip?.  | 112.7-112.8  |       |       |
| predominantly chloritized amphiboles and lesser black biotite or amphibole and 15% white plagioclase-quartz specks.  MINERALIZATION: Trace Vfg disseminated pyrite throughout with local higher sections noted below.  864916 115.5 116.5 1 1 115.5 116.5 1 1 115.5 116.5 1 1 116.5 117.5 1 1 116.5 117.5 1 1 116.5 117.5 1 1 116.5 117.5 1 1 116.5 117.5 1 1 116.5 117.5 1 1 1 116.5 117.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |                     |        |             |       |         | Lower Contact Sharp 50 to CA.                             |              |       |       |
| predominantly chloritized amphiboles and lesser black biotite or amphibole and 15% white plagioclase-quartz specks.  MINERALIZATION: Trace Vfg disseminated pyrite throughout with local higher sections noted below.  864916 115.5 116.5 1 1  115.5-116.5 MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem. 864917 116.5 117.5 1  116.5-117.5 MINERALIZATION:0.5-1%, Same as above. 864918 117.5 118.5 1  119.4-120.4 MINERALIZATION:0.5-1%, Same as above. 864919 118.5 119.4 1  120.4-123.4 MINERALIZATION:0.5%, Same as above. 864920 119.4 120.4 1  121.85-122 Light grey, Vfg, homogeneous felsic dyke(5% amphiboles 864922 121.4 122.4 1  at 55 to CA. 864923 122.4 123.4 1  125.45-125.5 Same as above, 90 to CA. 864924 123.4 124 0.6 128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations 864925 128.3 129.05 0.75 about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite. 131.25 MINERALIZATION: 1% fg brassy pyrite dissemination 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.  |                     |        |             |       |         |   |              |       |       |
| biotite or amphibole and 15% white plagioclase-quartz specks.  MINERALIZATION: Trace Vfg disseminated pyrite throughout with local higher sections noted below.  864916 115.5 116.5 1  115.5-116.5 MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem. 864917 116.5 117.5 1  116.5-117.5 MINERALIZATION:0.5-1%, Same as above. 864918 117.5 118.5 1  119.4-120.4 MINERALIZATION:0.5-1%, Same as above. 864919 118.5 119.4 1  120.4-123.4 MINERALIZATION:0.5%, Same as above. 864920 119.4 120.4 1  121.85-122 Light grey, Vfg, homogeneous felsic dyke(5% amphiboles 864921 120.4 121.4 1  121.85-122 Light grey, Vfg, homogeneous felsic dyke(5% amphiboles 864922 121.4 122.4 1  at 55 to CA. 864924 123.4 124 0.6 128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations 864925 128.3 129.05 0.75 about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite. 131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures. 144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.   |                     |        |             |       |         | Same as 97.4-110.2m. It consists of 85% mafics            | 63 Gabbro    | 163   | 112.8 |
| Specks.   MINERALIZATION: Trace Vfg disseminated pyrite through-   |                     |        |             |       |         | predominantly chloritized amphiboles and lesser black     |              |       |       |
| MINERALIZATION: Trace Vfg disseminated pyrite through- out with local higher sections noted below. 864916 115.5 116.5 1   115.5-116.5 MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem. 864917 116.5 117.5 1   116.5-117.5 MINERALIZATION:0.5-1%, Same as above. 864918 117.5 118.5 1   119.4-120.4 MINERALIZATION:0.5-1%, Same as above. 864919 118.5 119.4 1   120.4-123.4 MINERALIZATION:0.5%, Same as above. 864920 119.4 120.4 1   123.4-124 MINERALIZATION:1% fg brassy pyrite disseminations. 864921 120.4 121.4 1   121.85-122 Light grey, Vfg, homogeneous felsic dyke(5% amphiboles 864922 121.4 122.4 1   at 55 to CA. 864923 122.4 123.4 1   125.45-125.5 Same as above, 90 to CA. 864924 123.4 124 0.6 128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations 864925 128.3 129.05 0.75     about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite.     131.25 MINERALIZATION: 1% fg brassy pyrite dissemination 864926 144 145 1     in a section with local quartz vein sweats to fracture fillings.   |                     |        |             |       |         | biotite or amphibole and 15% white plagioclase-quartz     |              |       |       |
| out with local higher sections noted below.       864916       115.5       116.5       1         115.5-116.5       MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem.       864917       116.5       117.5       1         116.5-117.5       MINERALIZATION:0.5-1%, Same as above.       864918       117.5       118.5       1         119.4-120.4       MINERALIZATION:0.5-1%, Same as above.       864919       118.5       119.4       1         120.4-123.4       MINERALIZATION:0.5%, Same as above.       864920       119.4       120.4       1         123.4-124       MINERALIZATION:1% fg brassy pyrite disseminations.       864921       120.4       121.4       1         121.85-122       Light grey, Vfg, homogeneous felsic dyke(5% amphiboles 864922       121.4       122.4       1         125.45-125.5       Same as above, 90 to CA.       864923       122.4       123.4       1         128.3-129.05       MINERALIZATION: 2% Vfg brown pyrrhotite disseminations       864924       123.4       124       0.6         128.3-129.05       MINERALIZATION: 2% Vfg brassy pyrite disseminations       864925       128.3       129.05       0.75         about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m.       The remainder is Vfg disseminated pyrite and lesser pyrrhotite.       131.25       MINERALIZATI   |                     |        |             |       |         | specks.   |              |       |       |
| 115.5-116.5   MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem.   864917   116.5   117.5   1   116.5-117.5   MINERALIZATION:0.5-1%, Same as above.   864918   117.5   118.5   1   119.4-120.4   MINERALIZATION:0.5-1%, Same as above.   864919   118.5   119.4   1   120.4-123.4   MINERALIZATION:0.5%, Same as above.   864920   119.4   120.4   1   123.4-124   MINERALIZATION:1% fg brassy pyrite disseminations.   864921   120.4   121.4   1   121.85-122   Light grey, Vfg, homogeneous felsic dyke(5% amphiboles   864922   121.4   122.4   1   at 55 to CA.   864923   122.4   123.4   1   125.45-125.5   Same as above, 90 to CA.   864924   123.4   124   0.6   128.3-129.05   MINERALIZATION: 2% Vfg brown pyrrhotite disseminations   864924   123.4   124   0.6   128.3-129.05   MINERALIZATION: 2% Vfg brassy pyrite disseminations   864925   128.3   129.05   0.75   about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m.   The remainder is Vfg disseminated pyrite and lesser pyrrhotite.   131.25   MINERALIZATION: 1% fg brassy pyrite disseminatio   864926   144   145   1   in a section with local quartz vein sweats to fracture fillings.  |                     |        |             |       | h-      | MINERALIZATION: Trace Vfg disseminated pyrite throug      |              |       |       |
| 116.5-117.5 MINERALIZATION:0.5-1%,Same as above.  119.4-120.4 MINERALIZATION:0.5-1%,Same as above.  120.4-123.4 MINERALIZATION:0.5%,Same as above.  123.4-124 MINERALIZATION:1% fg brassy pyrite disseminations.  121.85-122 Light grey,Vfg, homogeneous felsic dyke(5% amphiboles 864922 121.4 122.4 1 121.85-122 Light grey,Vfg, homogeneous felsic dyke(5% amphiboles 864923 122.4 123.4 1 125.45-125.5 Same as above, 90 to CA.  128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m.  The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite dissemination 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.   |                     | 1      | 116.5       | 115.5 | 864916  | out with local higher sections noted below.               |              |       |       |
| 119.4-120.4       MINERALIZATION:0.5-1%, Same as above.       864919       118.5       119.4       1         120.4-123.4       MINERALIZATION:0.5%, Same as above.       864920       119.4       120.4       1         123.4-124       MINERALIZATION:1% fg brassy pyrite disseminations.       864921       120.4       121.4       1         121.85-122       Light grey, Vfg, homogeneous felsic dyke(5% amphiboles at 55 to CA.       864922       121.4       122.4       1         125.45-125.5       Same as above, 90 to CA.       864923       122.4       123.4       1         128.3-129.05       MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations       864925       128.3       129.05       0.75         about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m.       The remainder is Vfg disseminated pyrite and lesser pyrrhotite.       131.25       MINERALIZATION: 1% fg brassy pyrite in local fractures.         144-145       MINERALIZATION: 0.5-1% fg brassy pyrite dissemination sweats to fracture fillings.       864926       144       145       1  |                     | 1      | 117.5       | 116.5 | 864917  | MINERALIZATION:0.5% Vfg pyrite-pyrrhotite dissem.         | 115.5-116.5  |       |       |
| 120.4-123.4 MINERALIZATION:0.5%,Same as above.  123.4-124 MINERALIZATION:1% fg brassy pyrite disseminations.  121.85-122 Light grey,Vfg, homogeneous felsic dyke(5% amphiboles 864922 121.4 122.4 1 at 55 to CA.  125.45-125.5 Same as above, 90 to CA.  128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m.  The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite dissemination 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.   |                     | 1      | 118.5       | 117.5 | 864918  | MINERALIZATION:0.5-1%,Same as above.                      | 116.5-117.5  |       |       |
| 123.4-124 MINERALIZATION:1% fg brassy pyrite disseminations.   864921   120.4   121.4   1   121.85-122   Light grey,Vfg, homogeneous felsic dyke(5% amphiboles   864922   121.4   122.4   1   125.45-125.5   at 55 to CA.   864923   122.4   123.4   1   125.45-125.5   Same as above, 90 to CA.   864924   123.4   124   0.6   128.3-129.05   MINERALIZATION: 2% Vfg brown pyrrhotite disseminations   864925   128.3   129.05   0.75     128.5m then fg to Vfg brassy pyrite disseminations   864925   128.3   129.05   0.75     28000   2   |                     | 1      | 119.4       | 118.5 | 864919  | MINERALIZATION:0.5-1%,Same as above.                      | 119.4-120.4  |       |       |
| 121.85-122 Light grey,Vfg, homogeneous felsic dyke(5% amphiboles 864922 121.4 122.4 1 at 55 to CA. 864923 122.4 123.4 1 1 125.45-125.5 Same as above, 90 to CA. 864924 123.4 124 0.6 128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations 864925 128.3 129.05 0.75 about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures. 144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.  |                     | 1      | 120.4       | 119.4 | 864920  | MINERALIZATION:0.5%,Same as above.                        | 120.4-123.4  |       |       |
| at 55 to CA.  864923 122.4 123.4 1  125.45-125.5 Same as above, 90 to CA.  864924 123.4 124 0.6  128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations  to 128.5m then fg to Vfg brassy pyrite disseminations  864925 128.3 129.05 0.75  about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m.  The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures.  144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1  in a section with local quartz vein sweats to fracture fillings.  |                     | 1      | 121.4       | 120.4 |         |   |              |       |       |
| 125.45-125.5 Same as above, 90 to CA.  128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures. 144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.   |                     | 1      | 122.4       | 121.4 | 864922  | Light grey, Vfg, homogeneous felsic dyke (5% amphiboles   | 121.85-122   |       |       |
| 128.3-129.05 MINERALIZATION: 2% Vfg brown pyrrhotite disseminations to 128.5m then fg to Vfg brassy pyrite disseminations   864925   128.3   129.05   0.75   about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures. 144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio   864926   144   145   1   in a section with local quartz vein sweats to fracture fillings.   |                     | 1      | 123.4       | 122.4 | 864923  | at 55 to CA.  |              |       |       |
| to 128.5m then fg to Vfg brassy pyrite disseminations 864925 128.3 129.05 0.75 about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m. The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures.  144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.  |                     | 0.6    | 124         | 123.4 |         |   |              |       |       |
| about a pyrite quartz veinlet (5mm and 15 to CA) at 128.65m.  The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures.  144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.  |                     |        |             |       | ons     |   | 128.3-129.05 |       |       |
| The remainder is Vfg disseminated pyrite and lesser pyrrhotite.  131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures.  144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.  |                     | 0.75   | 129.05      | 128.3 | 864925  | to 128.5m then fg to Vfg brassy pyrite disseminations     |              |       |       |
| 131.25 MINERALIZATION: 1% fg brassy pyrite in local fractures.  144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.   |                     |        |             |       |         |   |              |       |       |
| 144-145 MINERALIZATION: 0.5-1% fg brassy pyrite disseminatio 864926 144 145 1 in a section with local quartz vein sweats to fracture fillings.   | V 5-14 E M. MARALLE |        |             |       | notite. | The remainder is Vfg disseminated pyrite and lesser pyrr  |              |       |       |
| in a section with local quartz vein sweats to fracture fillings.   |                     |        |             |       |         |   |              |       |       |
|  |                     | 1      | 145         | 144   |         |   | 144-145      |       |       |
|  |                     |        |             |       | s.      |   |              |       |       |
| 145.25-146.8 Green, Vfg, homogeneous, massive, non- magnetic   |                     |        | 7,1,1,1,0,2 |       |         |   | 145.25-146.8 |       |       |
| proxenite ( same as 94-97.4m) or possibly very fine phase  |                     |        |             |       | е       |   |              |       |       |
| of gabbro. Sharp contacts- upper is irregular so no  |                     |        |             |       |         |   |              |       |       |
| orientation possible- lower is 55 to CA.   |                     |        |             |       |         | orientation possible- lower is 55 to CA.                  |              |       |       |
|  |                     |        |             |       |         |   |              |       |       |

| FROM | то  | LITHOTYPE                 | GEOLOGICAL DESCRIPTION                                     | SAMPLE   | FROM        | то     | LENGTH |   |   |
|------|-----|---------------------------|--|--|-------------|--------|--------|---|---|
|      |     | 149.55-150.15             | ALTERATION: White bleached section of moderate perva       | asive  |             |        |        |   |   |
|      |     |                           | carbonate- epidote halo about yellowish green irregular    | 864927   | 157         | 158    | 1      |   |   |
|      |     |                           | epidote vein (3-5cm) at 147.85m.                           | 864928   | 158         | 159    | 1      |   |   |
|      |     | 152-163                   | MINERALIZATION: 0.5-1% Vfg-fg brassy pyrite and less       | 864929   |             | 160    | 1      |   |   |
|      |     |                           | brown pyrrhotite interstial to the chloritized amphiboles. | 864930   |             | 161    | 1      |   |   |
|      |     |                           | Speck of chalcopyrite at 162.8m.                           | 864931   | 161         | 162    | 1      |   |   |
|      |     | 162.1-162.25              | ALTERATION: Moderate strong epidotization.                 | 864932   | 162         | 163    | 1      |   |   |
| 163  | 169 | Quartz veined             | Quartz veined carbonatized gabbro with 40% overall         |  | <u> </u>    |        |        |   |   |
|      |     | Gabbro                    | gabro quartz veining in the section. Gabbro more plagicla  | se   |             |        |        |   |   |
|      |     |                           | and quartz rich (20-25%) with less chloritized amphiboles  |  |             |        |        |   |   |
|      |     | 163-163.45                | Honey brown sphalerite specks (up to 1 cm) and yellow      | 864933   | 163         | 163.45 | 0.45   |   |   |
|      |     |                           | chalcopyrite specks (up to 3mm) in quartz vein and along   |  |             |        |        |   |   |
|      |     |                           | its wispy contact that stretches from 163-163.3m.          |  |             |        |        |   | / |
|      |     | 163.45-163.85             | Mostly honey brown sphalerite specks (1%) and rare         | 864934   | 163.45      | 163.85 | 0.4    |   |   |
|      |     |                           | chalcopyrite in quartz vein with 20-25% gabbro inclusions  |  |             |        |        |   |   |
|      |     | 163.85-164.9              | Trace to 0.5% yellow chalcopyrite in carbonatized gabbro   | 864935   | 163.85      | 164.9  | 1.05   |   |   |
| -    |     |                           | that has 1-3% quartz filled gashes.                        |  |             |        |        |   |   |
|      |     | 164.9-165.5               | 1% yellow chalcopyrite and trace honey brown sphalerite    | 864936   | 164.9       | 165.5  | 0.6    |   |   |
|      |     |                           | in section of 60% quartz with 40% gabbro inclusions.       |  |             |        |        |   |   |
|      |     | 165.5- 166.5              | 0.5% chalcopyrite in quartz vein with 15% angular gabbro   | 864937   | 165.5       | 166.5  | 1      |   |   |
|      |     |                           | inclusions.  |  | ļ           |        |        |   |   |
|      |     | 166.5-167                 | Trace chalcopyrite in section of 70% quartz &30% gabbro    | 864938   | 166.5       | 167    | 0.5    |   |   |
|      |     |                           | Red K spar alteration in vein material.                    |  |             |        |        |   |   |
|      |     | 167-169                   | Gabbro with 15-20 % random quartz veins to veinlets.       | 864939   |             | 168    | 1      |   |   |
|      |     |                           | Nil sulphides.   | 864940   | 168         | 169    | 1      |   |   |
|      |     |                           | Lower contact marked by significant decrease in quartz v   | eining.  |             |        |        |   |   |
| 169  | 223 | Gabbro                    | Same as 97.4-110.2m but with higher felsic content (20%)   | )  |             |        |        | - |   |
|      |     |                           | STRUCTURE: Massive, RQD- 95.                               | <u>,                                      </u> |             |        |        |   |   |
|      |     |                           | MINERALIZATION: Very local trace sulphides.                |  |             |        |        |   |   |
|      |     | TOTAL PARACIAL CONTRACTOR | Below 194m, random finer sections possible weak-moder      | ate  | <del></del> |        |        |   |   |
|      |     |                           | silicification patches. Gabbro is also cut by local white  |  |             |        |        |   |   |
|      |     |                           | quartz veinlets typically < 1cm wide.                      |  |             |        | -      |   |   |
|      |     | 186.1-187.1               | Weak to moderately altered (epidotization?) fine grained   |  |             |        |        |   |   |

| FROM | то    | LITHOTYPE     | GEOLOGICAL DESCRIPTION                                    | SAMPLE | FROM   | то     | LENGTH | Au ppb   | Cu ppm | Zn ppm | Ni ppm |
|------|-------|---------------|---|--------|--------|--------|--------|----------|--------|--------|--------|
|      |       |               | phase of gabbro. Possibly sheared.                        |        |        |        |        |          |        |        |        |
|      |       |               | Section contains 2-3 quartz veinlets (1cm).               |        |        |        |        |          |        |        |        |
|      |       | 192.95-193.2  | Blotchy silicification of gabbro.                         |        |        |        |        | İ        |        |        |        |
|      |       | 193.2-193.45  | Bull white quartz vein with contacts 50 to CA.            |        |        |        |        |          |        | İ      |        |
|      |       | 193.45-195.2  | Same as 192.95-193.3m.                                    | <br>   |        |        |        |          |        |        |        |
|      |       | 206.9 - 208   | Finer phase of gabbro with 2 to 3 quartz sweats that have | 9      |        |        |        |          |        |        |        |
|      |       |               | pink kspar margins. Gabbro is weakly kspar altered and    |        |        |        |        |          |        |        |        |
|      |       |               | sheared.  |        |        |        |        |          |        |        |        |
|      |       | 211.1-211.4   | Chlorite Vfg sheared fabric 30 to CA.                     |        |        |        |        |          |        |        | !      |
|      |       | 219.5         | White quartz plagioclase vein (3cm wide) 30 to CA.        |        |        |        |        | i        |        |        |        |
|      |       | 222.5-223     | Bracket sample, nil sulphides.                            | 864941 | 222.5  | 223    | 0.5    |          |        |        |        |
|      |       |               | Sharp lower contact orientation undiscernable due to bloo | cky    |        |        |        |          |        |        | !      |
|      |       |               | core.   |        |        |        |        |          |        |        |        |
|      |       |               |   |        |        |        |        |          |        |        |        |
| 223  | 229.6 | Quartz Vein   | White Vfg quartz vein with angular gabbro inclusions      |        |        |        |        |          |        |        |        |
|      |       |               | (20-25% of the unit).                                     |        |        |        |        |          |        |        |        |
|      |       |               | STRUCTURE: Weak to moderate fracturing overall RQD        | -80    |        |        |        | <u> </u> |        |        |        |
|      |       |               | Blocky core due to strong fracturing.                     |        |        |        |        |          |        |        |        |
|      |       |               | MINERALIZATION: 0.5% to trace chalcopyrite.               | 864942 |        | 224.15 | 1.15   |          |        |        |        |
|      |       | 224.15-224.55 | MINERALIZATION: 1-2% yellow fg chalcopyrite.              | 864943 | 224.15 | 224.55 | 0.4    |          |        |        |        |
|      |       |               | Fine specks in section with 25-30% angular gabbro         |        |        |        |        |          |        |        |        |
|      |       |               | inclusions.   |        |        |        |        |          |        |        |        |
|      |       | 224.55-224.85 | MINERALIZATION: nil chalcopyrite, 3-5% gabbro             | 864944 | 224.55 | 224.85 | 0.3    |          |        |        |        |
|      |       |               | inclusions in vein.                                       |        |        |        |        |          |        |        |        |
|      |       | 224.85-225.35 | MINERALIZATION: 5% yellow chalcopyrite specks to          | 864945 | 224.85 | 225.35 | 0.5    |          |        |        |        |
|      |       |               | splashes. 20% gabbro inclusions.                          |        |        |        |        |          |        |        |        |
|      |       | 225.35-226    | MINERALIZATION: 0.5%-trace chalcopyrite, 5% gabbro        | 864946 | 225.35 | 226    | 0.65   |          |        |        |        |
|      |       |               | inclusions.   |        |        |        |        |          |        |        |        |
|      |       | 226-227       | MINERALIZATION: Trace chalcopyrite                        | 864947 | 226    | 227    | 1      | ļ        |        |        |        |
|      |       | 227-227.55    | Same as 225.35-226m.                                      | 864948 | 227    | 227.55 | 0.55   |          |        |        |        |
|      |       | 227.55-228    | MINERALIZATION: 1% chalcopyrite fine specks, 40%          | 864949 | 227.55 | 228    | 0.45   |          |        |        |        |
|      |       |               | gabbro inclusions.  |        |        |        |        |          |        |        |        |
|      |       | 228-228.5     | MINERALIZATION: 1% chalcopyrite fine specks, 30%          | 864950 | 228    | 228.5  | 0.5    |          |        |        |        |
|      |       |               | gabbro inclusions.  |        |        |        |        |          |        |        |        |
|      |       | 228.5-229     | MINERALIZATION: 2% chalcopyrite fine specks, 25%          | 864951 | 228.5  | 229    | 0.5    |          |        |        |        |
|      |       |               | gabbro inclusions.  |        |        |        |        |          |        |        |        |

| FROM  | ТО  | LITHOTYPE  | GEOLOGICAL DESCRIPTION                                   | SAMPLE | FROM                                  | то    | LENGTH                                  | Au ppb | Cu ppm | Zn ppm      | Ni ppm |
|-------|-----|--|--|--------|---------------------------------------|-------|---|--------|--------|-------------|--------|
|       |     | 229-229.6  | MINERALIZATION: 0.5-1% chalcopyrite fine specks, 10%     | 864952 | 229                                   | 229.6 |   |        |        |             |        |
|       |     |  | gabbro inclusions.                                       |        |                                       |       |   |        |        |             |        |
|       |     |  | Lower contact sharp but undiscernable due to blocky core | е,     |                                       |       |   |        |        |             |        |
| 229.6 | 236 | Gabbro   | Green, altered, fg, massive gabbro. It consists of 40%   |        |                                       |       |   |        |        |             |        |
|       |     |  | black amphibole laths envelopped by a greenish clear Vf  |        |                                       |       |   |        |        |             | İ      |
|       |     |  | felsic matrix and 1-2% pale pink feldspar or garnet      | ·      |                                       |       | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |        |        |             |        |
|       |     |  | disseminations.  |        |                                       |       |   |        |        |             |        |
|       |     |  | MINERALIZATION: 0.5% sulphides throughout dissemin-      | •      |                                       |       |   |        |        |             |        |
|       |     |  | ated pyrite and chalcopyrite about quartz veinlets.      | 864953 | 229.6                                 | 230.5 | 0.9                                     |        |        | <u> </u>    |        |
| İ     |     |  | Gabbro cut by 5% randomly oriented quartz veins/veinlet  |        |                                       |       |   |        |        |             |        |
|       |     | 229.6-230.5  | Bracket Sample.  |        | -                                     |       |   |        |        | <del></del> |        |
|       |     |  | 30% quartz veinlets/stringers cutting section.           |        |                                       |       |   |        |        |             |        |
|       |     |  | STRUCTURE: Moderately fractured, RQD 50-60.              |        | · · · · · · · · · · · · · · · · · · · |       |   |        |        |             |        |
|       |     | 230.5-231.5  | MINERALIZATION: 0.5% disseminated pyrite, trace          | 864954 | 230.5                                 | 231.5 | 1                                       |        |        |             |        |
|       |     |  | chalcopyrite?  |        | İ                                     |       |   |        |        |             |        |
|       |     | 231.5-232.5  | MINERALIZATION: Same as above.                           | 864955 | 231.5                                 | 232.5 | 1                                       |        |        |             |        |
|       |     | 232.5 - 233  | MINERALIZATION: 1% disseminated pyrite and brown         | 864956 | 232.5                                 | 233   | 0.5                                     | İ      |        |             |        |
|       |     |  | pyrite blobs in quartz sweats.                           |        | İ                                     |       |   |        |        |             |        |
|       |     | 233-234  | Same as 230.5-231.5m.                                    | 864957 | 233                                   | 234   | 1                                       |        |        |             |        |
|       |     | 234-235  | MINERALIZATION: 0.5% disseminated pyrite and             | 864958 | 234                                   | 235   | 1                                       | İ      |        |             |        |
|       |     | And the second s | chalcopyrite specks in quartz veinlets.                  |        |                                       |       |   |        |        |             |        |
|       |     | 235-236  | Same as above.   | 864959 | 235                                   | 236   | 1                                       |        |        |             |        |
|       | 236 |  | End of hole  |        |                                       |       | <u> </u>                                |        |        |             |        |



#### **Certificate of Analysis**

Work Order: TO104458

To: Denton Resources

Attn: Glenn Galata 130 Arleta Ave. **TORONTO** ONTARIO M3L 2L5

Jan 26, 2009 Date:

P.O. No.

Project No.

**DEFAULT** 

No. Of Samples

102

Date Submitted Report Comprises

Nov 19, 2008 Pages 1 to 13

(Inclusive of Cover Sheet)

#### Distribution of unused material:

Return to client: 102 Cores

Certified By:

Gavin McGill

Operations Manager

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Report Footer:

L.N.R. = Listed not received I.S. = Insufficient Sample

= Not applicable n.a.

= No result

\*INF = Composition of this sample makes detection impossible by this method M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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|             |             |          |           |          |          |           |          |          |            | 3        |
|-------------|-------------|----------|-----------|----------|----------|-----------|----------|----------|------------|----------|
| Element     | WtKg        | Au       | Pt        | Pd       | Ag       | Al        | As       | Ва       | Be         | Bi       |
| Method      | WGH79       | @FAI313  | @FAI313   | @FAI313  | @ICP40B  | @ICP40B   | @ICP40B  | @ICP40B  | @ICP40B    | @ICP40B  |
| Det.Lim.    | 0.001<br>Kg | 1<br>PPB | 10<br>PPB | 1<br>PPB | 2<br>PPM | 0.01<br>% | 3<br>PPM | 1<br>PPM | 0.5<br>PPM | 5<br>PPM |
| Units       | =           |          |           |          |          |           |          |          |            |          |
| 864901      | 1.680       | 2        | <10       | 2        | <2       | 7.73      | 3        | 209      | <0.5       | <5       |
| *Rep 864901 | <0.001      | 3        | <10       | 2        | <2       | 7.78      | <3       | 210      | <0.5       | <5       |
| 864902      | 1.804       | 2        | <10       | 1        | <2       | 7.72      | 3        | 77       | <0.5       | <5       |
| 864903      | 1.928       | 2        | <10       | 1        | <2       | 7.21      | <3       | 94       | <0.5       | <5       |
| 864904      | 1.546       | 1        | <10       | 2        | <2       | 6.90      | <3       | 127      | 0.5        | <5       |
| 864905      | 1.730       | <1       | <10       | 2        | <2       | 8.91      | <3       | 173      | 0.6        | <5       |
| 864906      | 1.140       | <1       | <10       | <1       | <2       | 5.70      | <3       | 39       | 0.5        | <5       |
| 864907      | 2.360       | <1       | <10       | <1       | <2       | 6.20      | <3       | 35       | 0.5        | <5       |
| 864908      | 1.184       | 2        | <10       | <1       | <2       | 6.22      | <3       | 31       | 0.7        | <5       |
| 864909      | 2.160       | <1       | <10       | <1       | <2       | 6.16      | <3       | 24       | <0.5       | <5       |
| 864910      | 2.040       | 2        | <10       | <1       | <2       | 6.14      | <3       | 24       | <0.5       | <5       |
| 864911      | 2.410       | <1       | <10       | <1       | <2       | 6.05      | <3       | 22       | <0.5       | <5       |
| 864912      | 2.294       | 1        | <10       | <1       | <2       | 6.03      | <3       | 21       | <0.5       | <5       |
| 864913      | 2.454       | 1        | <10       | <1       | <2       | 6.03      | <3       | 19       | <0.5       | <5       |
| *Rep 864913 | <0.001      | 3        | <10       | <1       | <2       | 5.96      | 3        | 19       | <0.5       | <5       |
| 864914      | 1.952       | <1       | <10       | <1       | <2       | 5.91      | <3       | 19       | <0.5       | <5       |
| 864915      | 2.434       | 5        | <10       | <1       | <2       | 6.07      | <3       | 21       | <0.5       | <5       |
| 864916      | 1.690       | <1       | <10       | <1       | <2       | 5.86      | <3       | 19       | <0.5       | <5       |
| 864917      | 2.748       | 1        | <10       | <1       | <2       | 5.76      | <3       | 18       | <0.5       | <5       |
| 864918      | 2.038       | 1        | <10       | <1       | <2       | 5.61      | <3       | 18       | 0.5        | <5       |
| 864919      | 2.278       | 2        | <10       | <1       | <2       | 5.23      | <3       | 19       | <0.5       | <5       |
| 864920      | 2.410       | 2        | <10       | <1       | <2       | 5.41      | <3       | 19       | <0.5       | <5       |
| 864921      | 2.182       | 7        | <10       | <1       | <2       | 5.61      | <3       | 24       | <0.5       | <5       |
| 864922      | 2.368       | 2        | <10       | <1       | <2       | 6.10      | <3       | 32       | <0.5       | <5       |
| 864923      | 2.254       | 3        | <10       | <1       | <2       | 5.60      | <3       | 23       | <0.5       | <5       |
| 864924      | 1.494       | <1       | <10       | <1       | <2       | 5.96      | <3       | 24       | <0.5       | <5       |
| 864925      | 1.562       | 2        | <10       | <1       | <2       | 5.64      | <3       | 16       | <0.5       | <5       |
| *Rep 864925 | <0.001      | 3        | <10       | 1        | <2       | 6.04      | <3       | 17       | <0.5       | <5       |
| 864926      | 2.318       | 1        | <10       | <1       | <2       | 5.43      | <3       | 19       | <0.5       | <5       |
| 864927      | 2.170       | 1        | <10       | <1       | <2       | 6.12      | <3       | 39       | <0.5       | <5       |
| 864928      | 1.920       | 1        | <10       | <1       | <2       | 6.02      | <3       | 49       | <0.5       | <5       |
| 864929      | 2.118       | 4        | <10       | <1       | <2       | 5.26      | <3       | 42       | <0.5       | <5       |
| 864930      | 2.248       | 6        | <10       | <1       | <2       | 6.03      | <3       | 49       | <0.5       | <5       |
| 864931      | 2.352       | 2        | <10       | <1       | <2       | 5.17      | <3       | 40       | <0.5       | <5       |
| 864932      | 1.850       | 2        | <10       | <1       | <2       | 5.87      | 6        | 32       | 0.8        | <5       |
| 864933      | 0.828       | 35       | <10       | <1       | <2       | 1.57      | 10       | 5        | <0.5       | <5       |
| 864934      | 0.704       | 6        | <10       | <1       | <2       | 1.83      | 5        | 8        | <0.5       | <5       |
| 864935      | 2.202       | 3        | <10       | <1       | <2       | 5.91      | <3       | 15       | 2.1        | <5       |
| 864936      | 1.186       | 10       | <10       | <1       | <2       | 2.52      | <3       | 24       | 0.5        | <5       |
| 864937      | 1.724       | 9        | <10       | <1       | <2       | 0.82      | <3       | 10       | <0.5       | <5       |
| *Rep 864937 | <0.001      | 12       | <10       | <1       | <2       | 0.79      | <3       | 10       | <0.5       | <5       |
| 864938      | 0.836       | 12       | <10       | <1       | <2       | 2.25      | 5        | 93       | <0.5       | <5       |
| 864939      | 1.858       | 3        | <10       | <1       | <2       | 4.23      | <3       | 18       | 0.6        | <5       |
|             |             |          |           |          |          |           |          |          |            |          |

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|                   |                |               |               |               |               |               |               | _             | _             | -             |
|-------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Element<br>Method | WtKg<br>WGH79  | Au<br>@FAI313 | Pt<br>@FAI313 | Pd<br>@FAI313 | Ag<br>@ICP40B | AI<br>@ICP40B | As<br>@ICP40B | Ba<br>@ICP40B | Be<br>@ICP40B | Bi<br>@ICP40B |
| Det.Lim.          | 0.001          | 1             | 10            | 1             | 2             | 0.01          | 3             | 1             | 0.5           | 5             |
| Units             | Kg             | PPB           | PPB           | PPB           | PPM           | %             | PPM           | PPM           | PPM           | PPM           |
| 864940            | 1.702          | 4             | <10           | <1            | <2            | 5.20          | <3            | 33            | <0.5          | <5            |
| 864941            | 0.992          | 1             | <10           | <1            | <2            | 7.11          | <3            | 121           | <0.5          | <5            |
| 864942            | 2.134          | 2             | <10           | <1            | <2            | 1.58          | <3            | 5             | <0.5          | <5            |
| 864943            | 0.630          | 12            | <10           | <1            | <2            | 1.19          | <3            | 3             | <0.5          | 7             |
| 864944            | 0.534          | 14            | <10           | <1            | <2            | 0.20          | <3            | 2             | <0.5          | <5            |
| 864945            | 0.842          | 73            | <10           | <1            | 2             | 1.00          | <3            | 3             | <0.5          | <5            |
| 864946            | 1.230          | 10            | <10           | <1            | <2            | 0.60          | <3            | 2             | <0.5          | <5            |
| 864947            | 1.602          | 11            | <10           | <1            | <2            | 0.25          | <3            | 3             | <0.5          | <5            |
| 864948            | 0.984          | 2             | <10           | <1            | <2            | 0.66          | <3            | 2             | <0.5          | <5            |
| 864949            | 0.754          | 45            | <10           | <1            | <2            | 2.05          | <3            | 2             | <0.5          | <5            |
| *Rep 864949       | <0.001         | 59            | <10           | <1            | <2            | 2.16          | <3            | 2             | <0.5          | <5            |
| 864950            | 0.898          | 9             | <10           | <1            | <2            | 0.93          | <3            | 2             | <0.5          | <5            |
| 864951            | 0.996          | 67            | <10           | <1            | <2            | 0.74          | <3            | 1             | 0.5           | <5            |
| 864952            | 1.186          | 94            | <10           | <1            | <2            | 3.18          | <3            | 3             | 0.6           | <5            |
| 864953            | 1.724          | 2             | <10           | <1            | <2            | 6.17          | <3            | 11            | 0.9           | <5            |
| 864954            | 2.464          | 1             | <10           | <1            | <2            | 7.97          | <3            | 69            | 0.8           | <5            |
| 864955            | 1.960          | 1             | <10           | <1            | <2            | 6.62          | <3            | 76            | 0.7           | <5            |
| 864956            | 1.086          | 54            | <10           | 2             | <2            | 6.99          | <3            | 20            | 0.7           | <5            |
| 864957            | 1.912          | 3             | <10           | <1            | <2            | 7.66          | <3            | 67            | 0.6           | <5            |
| 864958            | 2.058          | 9             | <10           | <1            | <2            | 6.34          | <3            | 44            | 1.0           | <5            |
| 864959            | 2.706          | 2             | <10           | <1            | <2            | 7.39          | <3            | 76            | 0.8           | <5            |
| 864960            | 1.652          | 70            | <10           | <1            | <2            | 6.14          | <3            | 67            | <0.5          | <5            |
| 864961            | 1.536          | 2             | <10           | <1            | <2            | 6.85          | <3            | 151           | <0.5          | <5            |
| *Rep 864961       | <0.001         | <1            | <10           | <1            | <2            | 7.03          | <3            | 161           | <0.5          | <5            |
| 864962            | 0.942          | <1            | 10            | 10            | <2            | 8.61          | <3            | 222           | <0.5          | <5            |
| 864963            | 1.532          | 1             | <10           | <1            | <2            | 7.33          | <3            | 403           | 0.7           | <5            |
| 864964            | 1.750          | 2             | <10           | <1            | <2            | 8.27          | <3            | 490           | 0.7           | <5            |
| 864965            | 1.800          | 3             | <10           | <1            | <2            | 7.02          | <3            | 498           | 0.6           | <5            |
| 864966            | 2.096          | 1             | <10           | <1            | <2            | 8.49          | <3            | 529           | 0.7           | <5            |
| 864967            | 2.018          | 6             | <10           | <1            | <2            | 7.62          | 3             | 519           | 0.6           | <5<br>-c      |
| 864968            | 2.162          | 1             | <10           | <1            | <2            | 7.02          | <3            | 490           | 0.6           | <5<br>-6      |
| 864969            | 2.030          | 2             | <10           | <1            | <2            | 8.33          | <3            | 568           | 0.7           | <5<br><5      |
| 864970<br>864971  | 1.778          | 1             | <10           | <1            | <2            | 7.84<br>7.93  | <3<br><3      | 498           | 0.6<br>0.6    | <5<br><5      |
| 864971<br>864972  | 1.626<br>2.008 | 1<br><1       | <10<br><10    | <1            | <2            | 7.93<br>8.16  | <3            | 521<br>539    | 0.6           | <5<br><5      |
| 864973            | 1.838          | 2             | <10           | <1<br><1      | <2<br><2      | 8.35          | <3            | 561           | 0.7           | <5<br><5      |
| *Rep 864973       | <0.001         | 2             | <10           | <1            | <2            | 8.26          | <3            | 556           | 0.7           | <5            |
| 864974            | 2.046          | 2             | <10           | <1            | <2            | 9.09          | <3            | 300           | <0.5          | <5            |
| 864975            | 2.040          | 2             | <10           | <1            | <2            | 10.5          | <3            | 649           | 0.8           | <5            |
| 864976            | 1.800          | 2             | <10           | 1             | <2            | 10.1          | <3            | 539           | 0.7           | <5            |
| 864977            | 1.852          | 2             | <10           | 1             | <2            | 9.41          | <3            | 269           | <0.5          | <5            |
| 864978            | 2.938          | 1             | <10           | 1             | <2            | 10.0          | <3            | 298           | 0.6           | <5            |
| 864979            | 2.024          | 1             | <10           | 1             | <2            | 9.75          | <3            | 292           | <0.5          | <5            |
|                   | 2.027          | •             | - 13          | '             | -2            | 00            | - 5           |               | -0.0          | -             |

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| Element     | WtKg    | Au      | Pt      | Pd      | Ag      | Al      | As      | Ва      | Ве      | Bi      |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Method      | WGH79   | @FAI313 | @FAI313 | @FAI313 | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B |
| Det.Lim.    | 0.001   | 1       | 10      | 1       | 2       | 0.01    | 3       | 1       | 0.5     | 5       |
| Units       | Kg      | PPB     | PPB     | PPB     | PPM     | %       | PPM     | PPM     | PPM     | PPM     |
| 864980      | 2.036   | 2       | <10     | <1      | <2      | 8.97    | <3      | 315     | 0.6     | <5      |
| 864981      | 2.338   | 1       | <10     | <1      | <2      | 7.50    | <3      | 252     | 0.5     | <5      |
| 864982      | 1.766   | 2       | <10     | <1      | <2      | 8.95    | <3      | 245     | 0.7     | <5      |
| 864983      | 1.908   | 1       | <10     | <1      | <2      | 8.24    | <3      | 375     | 0.6     | <5      |
| 864984      | 2.040   | 2       | <10     | <1      | <2      | 8.34    | <3      | 335     | 0.6     | <5      |
| 864985      | 1.856   | 2       | <10     | <1      | <2      | 9.12    | <3      | 405     | 0.5     | <5      |
| *Rep 864985 | <0.001  | 1       | <10     | 1       | <2      | 8.80    | <3      | 440     | 0.6     | <5      |
| 864986      | 1.818   | 2       | <10     | <1      | <2      | 8.83    | <3      | 436     | 0.7     | <5      |
| 864987      | 1.774   | <1      | <10     | <1      | <2      | 8.23    | <3      | 424     | 0.7     | <5      |
| 864988      | 1.376   | 2       | <10     | <1      | <2      | 7.72    | <3      | 343     | <0.5    | <5      |
| 864989      | 2.138   | 1       | <10     | <1      | <2      | 7.09    | <3      | 303     | <0.5    | <5      |
| 864990      | 1.956   | 4       | <10     | <1      | <2      | 9.36    | 4.      | 418     | 0.8     | <5      |
| 864991      | 1.940   | 1       | <10     | <1      | <2      | 8.88    | <3      | 335     | 0.7     | <5      |
| 864992      | 1.684   | 2       | <10     | 1       | <2      | 8.77    | <3      | 304     | 0.5     | <5      |
| 864993      | 1.826   | 2       | <10     | <1      | <2      | 7.06    | <3      | 255     | <0.5    | <5      |
| 864994      | 2.082   | 1       | <10     | <1      | <2      | 7.29    | <3      | 246     | <0.5    | <5      |
| 864995      | 2.164   | 2       | <10     | <1      | <2      | >15     | <3      | 309     | 0.6     | <5      |
| 864996      | 1.996   | 1       | <10     | <1      | <2      | 8.76    | <3      | 300     | 0.5     | <5      |
| 864997      | 2.188   | 3       | <10     | <1      | <2      | 8.03    | <3      | 242     | 0.5     | <5      |
| *Rep 864997 | < 0.001 | 2       | <10     | 1       | <2      | 8.02    | <3      | 255     | 0.5     | <5      |
| 864998      | 1.888   | 3       | <10     | <1      | <2      | 7.38    | <3      | 723     | 0.7     | <5      |
| 864999      | 2.154   | 1       | <10     | 1       | <2      | 7.50    | <3      | 508     | 0.6     | <5      |
| 865000      | 1.752   | 44      | <10     | <1      | <2      | 7.70    | <3      | 512     | 0.6     | <5      |
| 12951       | 1.766   | 1       | <10     | <1      | <2      | 7.54    | <3      | 437     | 0.6     | <5      |
| 12952       | 1.916   | 36      | <10     | <1      | <2      | 7.71    | <3      | 402     | 0.8     | <5      |

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| Element            | Ca<br>@ICP40B | Cd<br>@ICP40B | Co<br>@ICP40B | Cr<br>@ICP40B | Cu<br>@ICP40B | Fe<br>@ICP40B | K<br>@ICP40B | La<br>@ICP40B | Li<br>@ICP40B | Mg<br>@ICP40B |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|
| Method<br>Det.Lim. | 0.01          | @ICF40B       | @ICF405       | 1             | 0.5           | 0.01          | 0.01         | 0.5           | 1             | 0.01          |
| Units              | %             | PPM           | PPM           | PPM           | PPM           | %             | %            | PPM           | PPM           | %             |
| 864901             | 4.21          | <1            | 32            | 136           | 42.4          | 5.90          | 0.48         | 9.7           | 18            | 3.54          |
| *Rep 864901        | 4.31          | <1            | 32            | 143           | 41.6          | 5.99          | 0.48         | 9.7           | 19            | 3.57          |
| 864902             | 2.65          | <1            | 28            | 206           | 67.7          | 5.73          | 0.21         | 8.4           | 27            | 3.77          |
| 864903             | 2.03          | <1            | 29            | 216           | 25.4          | 5.50          | 0.80         | 8.4           | 23            | 2.53          |
| 864904             | 3.79          | <1            | 24            | 134           | 56.8          | 4.86          | 0.24         | 7.9           | 16            | 3.42          |
| 864905             | 5.31          | <1            | 26            | 131           | 35.2          | 5.02          | 0.33         | 12.3          | 11            | 3.09          |
| 864906             | 6.29          | <1            | 48            | 14            | 87.1          | 11.6          | 0.21         | 2.8           | 5             | 2.69          |
| 864907             | 7.02          | <1            | 47            | 24            | 75.0          | 11.8          | 0.19         | 4.1           | 7             | 2.94          |
| 864908             | 6.43          | <1            | 44            | 12            | 151           | 11.4          | 0.20         | 5.1           | 8             | 2.88          |
| 864909             | 5.93          | <1            | 51            | 27            | 71.1          | 12.5          | 0.10         | 4.7           | 7             | 3.13          |
| 864910             | 5.89          | <1            | 49            | 21            | 61.8          | 12.0          | 0.10         | 3.8           | 7             | 3.12          |
| 864911             | 5.85          | <1            | 49            | 9             | 94.1          | 12.2          | 0.09         | 3.7           | 7             | 3.02          |
| 864912             | 5.90          | <1            | 54            | 27            | 128           | 12.2          | 0.12         | 3.4           | 6             | 3.07          |
| 864913             | 6.07          | <1            | 54            | 9             | 135           | 12.4          | 0.12         | 3.4           | 7             | 3.10          |
| *Rep 864913        | 6.08          | <1            | 55            | 11            | 142           | 12.5          | 0.12         | 3.1           | 6             | 3.07          |
| 864914             | 5.78          | <1            | 52            | 26            | 125           | 11.6          | 0.13         | 3.4           | 7             | 2.98          |
| 864915             | 6.29          | <1            | 52            | 10            | 80.8          | 11.8          | 0.16         | 3.5           | 7             | 3.10          |
| 864916             | 5.81          | <1            | 51            | 22            | 119           | 11.9          | 0.11         | 2.5           | 8             | 3.41          |
| 864917             | 5.83          | <1            | 53            | 11            | 145           | 11.8          | 0.11         | 2.2           | 8             | 3.41          |
| 864918             | 5.91          | <1            | 55            | 16            | 133           | 11.7          | 0.10         | 1.8           | 8             | 3.53          |
| 864919             | 5.49          | <1            | 52            | 10            | 143           | 11.0          | 0.09         | 2.0           | 5             | 3.17          |
| 864920             | 5.57          | <1            | 56            | 22            | 152           | 11.2          | 0.09         | 2.2           | 6             | 3.15          |
| 864921             | 6.05          | <1            | 57            | 22            | 168           | 11.9          | 0.10         | 2.0           | 6             | 3.42          |
| 864922             | 5.86          | <1            | 49            | 18            | 135           | 10.8          | 0.10         | 6.5           | 9             | 3.10          |
| 864923             | 5.69          | <1            | 58            | 18            | 177           | 11.4          | 0.11         | 1.5           | 7             | 3.39          |
| 864924             | 6.28          | <1            | 56            | 10            | 164           | 12.8          | 0.12         | 2.2           | 7             | 3.55          |
| 864925             | 5.68          | <1            | 55            | 20            | 254           | 11.6          | 0.10         | 4.2           | 7             | 3.19          |
| *Rep 864925        | 5.98          | <1            | 56            | 19            | 240           | 12.3          | 0.11         | 4.1           | 8             | 3.39          |
| 864926             | 5.84          | <1            | 54            | 9             | 201           | 11.2          | 0.14         | 1.4           | 9             | 3.55          |
| 864927             | 6.54          | <1            | 51            | 22            | 122<br>140    | 12.4          | 0.22         | 1.3           | 9             | 4.08<br>4.04  |
| 864928             | 6.68          | <1<br><1      | 58            | 17<br>22      | 108           | 12.7<br>10.6  | 0.23<br>0.21 | 2.3<br>1.0    | 10<br>8       | 3.51          |
| 864929<br>864930   | 6.09<br>6.85  | <1            | 48<br>56      | 26            | 392           | 12.6          | 0.21         | 1.1           | 9             | 4.12          |
| 864931             | 5.75          | <1            | 53            | 15            | 228           | 10.5          | 0.19         | 1.1           | 6             | 3.40          |
| 864932             | 5.25          | 5             | 48            | 24            | 200           | 10.8          | 0.19         | 3.4           | 40            | 4.13          |
| 864933             | 3.53          | 30            | 23            | 20            | 3270          | 3.32          | 0.03         | <0.5          | 28            | 1.04          |
| 864934             | 12.5          | 59            | 20            | 33            | 23.0          | 1,91          | 0.03         | <0.5          | 13            | 0.63          |
| 864935             | 2.92          | 59<br><1      | 41            | 34            | 438           | 8.56          | 0.02         | 4.5           | 41            | 4.10          |
| 864936             | 1.52          | 14            | 22            | 46            | 1510          | 4.65          | 0.17         | 0.9           | 44            | 1.89          |
| 864937             | 0.24          | <1            | 5             | 24            | 1000          | 1.67          | 0.17         | <0.5          | 39            | 0.53          |
| *Rep 864937        | 0.22          | <1            | 6             | 21            | 960           | 1.62          | 0.12         | <0.5          | 37            | 0.51          |
| 864938             | 0.23          | <1            | 10            | 74            | 62.8          | 2.07          | 1.13         | <0.5          | 19            | 0.84          |
| 864939             | 2.43          | <1            | 29            | 17            | 136           | 5.73          | 0.14         | 4.2           | 35            | 3.01          |
|                    | 2.40          | .,            |               | • •           | ,             |               |              |               |               |               |

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| Element     | Ca        | Cd       | Со       | Cr       | Cu                 | Fe        | K         | La         | Li       | Mg        |
|-------------|-----------|----------|----------|----------|--------------------|-----------|-----------|------------|----------|-----------|
| Method      | @ICP40B   | @ICP40B  | @ICP40B  | @ICP40B  | @ICP40B            | @ICP40B   | @ICP40B   | @ICP40B    | @ICP40B  | @ICP40B   |
| Det.Lim.    | 0.01<br>% | 1<br>PPM | 1<br>PPM | 1<br>PPM | 0.5<br>PP <b>M</b> | 0.01<br>% | 0.01<br>% | 0.5<br>PPM | 1<br>PPM | 0.01<br>% |
| Units       |           |          |          |          |                    |           |           |            |          |           |
| 864940      | 5.56      | <1       | 34       | 26       | 97.9               | 6.97      | 0.35      | 0.7        | 19       | 3.90      |
| 864941      | 6.15      | <1       | 39       | 83       | 122                | 7.93      | 0.60      | 1.7        | 25       | 5.21      |
| 864942      | 1.07      | <1       | 8        | 24       | 360                | 2.02      | 0.02      | 0.7        | 41       | 1.21      |
| 864943      | 0.19      | <1       | 10       | 72       | 2760               | 2.75      | 0.03      | <0.5       | 46       | 1.25      |
| 864944      | 0.04      | <1       | 1        | 27       | 453                | 1.08      | 0.02      | <0.5       | 21       | 0.13      |
| 864945      | 0.10      | <1       | 7        | 82       | 7810               | 2.60      | 0.02      | <0.5       | 35       | 0.77      |
| 864946      | 0.05      | <1       | 3        | 24       | 733                | 1.29      | 0.03      | <0.5       | 24       | 0.32      |
| 864947      | 0.04      | <1       | 2        | 60       | 669                | 1.11      | 0.02      | <0.5       | 20       | 0.15      |
| 864948      | 0.10      | <1       | 4        | 36       | 398                | 1.38      | 0.03      | <0.5       | 33       | 0.44      |
| 864949      | 0.14      | <1       | 12       | 79       | 824                | 2.70      | 0.02      | <0.5       | 39       | 1.56      |
| *Rep 864949 | 0.15      | <1       | 12       | 82       | 850                | 2.84      | 0.02      | <0.5       | 44       | 1.65      |
| 864950      | 0.12      | <1       | 5        | 58       | 837                | 1.74      | 0.03      | <0.5       | 29       | 0.72      |
| 864951      | 0.06      | <1       | 4        | 39       | 1440               | 1.33      | 0.02      | <0.5       | 32       | 0.50      |
| 864952      | 0.15      | <1       | 19       | 67       | 2390               | 3.83      | 0.02      | 0.9        | 44       | 2.44      |
| 864953      | 0.38      | <1       | 33       | 63       | 688                | 5.94      | 0.05      | 1.9        | 63       | 4.79      |
| 864954      | 1.98      | <1       | 43       | 76       | 817                | 8.54      | 0.33      | 5.7        | 81       | 6.97      |
| 864955      | 1.86      | <1       | 50       | 76       | 480                | 7.83      | 0.30      | 7.9        | 65       | 6.33      |
| 864956      | 0.52      | <1       | 41       | 60       | 2480               | 8.15      | 0.09      | 7.3        | 83       | 6.39      |
| 864957      | 0.60      | <1       | 36       | 62       | 778                | 7.17      | 0.30      | 12.1       | 73       | 5.16      |
| 864958      | 0.44      | <1       | 31       | 45       | 542                | 6.08      | 0.23      | 7.3        | 71       | 4.23      |
| 864959      | 0.85      | <1       | 31       | 69       | 905                | 5.65      | 0.45      | 17.5       | 61       | 4.10      |
| 864960      | 9.15      | <1       | 26       | 75       | 39.7               | 6.20      | 0.23      | 5.0        | 19       | 2.62      |
| 864961      | 3.61      | <1       | 21       | 122      | 39.4               | 4.31      | 0.40      | 10.4       | 21       | 2.34      |
| *Rep 864961 | 3.81      | <1       | 22       | 126      | 42.1               | 4.52      | 0.42      | 11.1       | 23       | 2.47      |
| 864962      | 4.83      | <1       | 43       | 418      | 6.8                | 6.52      | 0.31      | <0.5       | 43       | 7.91      |
| 864963      | 1.40      | <1       | 9        | 36       | 315                | 2.62      | 1.28      | 31.7       | 18       | 1.50      |
| 864964      | 1.11      | <1       | 13       | 76       | 10.8               | 3.68      | 1.45      | 30.7       | 29       | 2.41      |
| 864965      | 1.05      | <1       | 12       | 33       | 13.0               | 2.77      | 1.19      | 37.3       | 19       | 1.63      |
| 864966      | 1.46      | <1       | 11       | 61       | 11.9               | 3.38      | 1.34      | 40.9       | 24       | 2.01      |
| 864967      | 1.77      | <1       | 12       | 37       | 22.3               | 3.33      | 1.17      | 40.8       | 19       | 1.64      |
| 864968      | 1.89      | <1       | 9        | 65       | 17.3               | 2.52      | 1.09      | 31.9       | 13       | 1.14      |
| 864969      | 1.81      | <1       | 10       | 36       | 11.7               | 3.11      | 1.35      | 38.4       | 18       | 1.53      |
| 864970      | 1.44      | <1       | 11       | 59       | 8.7                | 3.29      | 1.25      | 32.7       | 20       | 1.75      |
| 864971      | 1.07      | <1       | 10       | 61       | 11.4               | 3.27      | 1.41      | 28.0       | 22       | 1.93      |
| 864972      | 1.21      | <1       | 10       | 43       | 5.2                | 2.92      | 1.45      | 32.4       | 20       | 1.76      |
| 864973      | 1.70      | <1       | 13       | 57       | 15.5               | 3.80      | 1.41      | 30.4       | 25       | 2.23      |
| *Rep 864973 | 1.70      | <1       | 13       | 58       | 16.0               | 3.80      | 1.40      | 29.7       | 25       | 2.22      |
| 864974      | 4.50      | <1       | 9        | 47       | 2.8                | 2.35      | 1.41      | 15.0       | 14       | 1.31      |
| 864975      | 1.07      | <1       | 16       | 60       | 1.7                | 4.07      | 2.54      | 7.7        | 26       | 2.43      |
| 864976      | 1.20      | <1       | 15       | 53       | 2.9                | 3.86      | 2.33      | 11.2       | 26       | 2.47      |
| 864977      | 3.08      | <1       | 11       | 56       | 1.9                | 3.10      | 1.13      | 13.9       | 23       | 1.87      |
| 864978      | 0.96      | <1       | 14       | 31       | 2.0                | 3.55      | 1.18      | 10.7       | 28       | 2.33      |
| 864979      | 1.74      | <1       | 11       | 44       | 2.3                | 2.92      | 1.41      | 13.0       | 22       | 1.88      |
|             |           |          |          |          | =:-                |           |           |            |          |           |

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| Element     | Ca      | Cd       | Co               | Cr       | Cu         | Fe      | κ         | La         | Li       | Mg        |  |
|-------------|---------|----------|------------------|----------|------------|---------|-----------|------------|----------|-----------|--|
| Method      | @ICP40B | @ICP40B  | @ICP40B          | @ICP40B  | @ICP40B    | @ICP40B | @ICP40B   | @ICP40B    | @ICP40B  | @ICP40B   |  |
| Det.Lim.    | 0.01    | 1<br>PPM | 1<br>PP <b>M</b> | 1<br>PPM | 0.5<br>PPM | 0.01    | 0.01<br>% | 0.5<br>PPM | 1<br>PPM | 0.01<br>% |  |
| Units       | %       |          |                  |          |            | %       |           |            |          |           |  |
| 864980      | 0.94    | <1       | 12               | 33       | 2.7        | 3.00    | 1.26      | 28.3       | 27       | 2.21      |  |
| 864981      | 1,45    | <1       | 11               | 32       | 2.6        | 2.78    | 1.17      | 26.9       | 24       | 2.14      |  |
| 864982      | 0.97    | <1       | 11               | 26       | 1.5        | 2.93    | 1.40      | 24.5       | 26       | 2.25      |  |
| 864983      | 1.18    | <1       | 12               | 23       | 1.7        | 3.01    | 1.55      | 16.6       | 27       | 2.45      |  |
| 864984      | 1.01    | <1       | 11               | 35       | 2.3        | 2.97    | 1.43      | 14.3       | 27       | 2.31      |  |
| 864985      | 0.97    | <1       | 9                | 30       | 6.0        | 2.61    | 1.94      | 16.1       | 22       | 2.05      |  |
| *Rep 864985 | 0.94    | <1       | 10               | 27       | 7.2        | 2.56    | 1.88      | 17.1       | 21       | 2.00      |  |
| 864986      | 0.94    | <1       | 10               | 37       | 3.4        | 2.86    | 1.83      | 21.5       | 27       | 2.36      |  |
| 864987      | 0.79    | <1       | 16               | 42       | <0.5       | 3.49    | 2.31      | 26.7       | 33       | 2.74      |  |
| 864988      | 1.09    | <1       | 9                | 43       | 1.3        | 2.71    | 1.67      | 15.1       | 23       | 2.26      |  |
| 864989      | 2.52    | <1       | 8                | 20       | 1.8        | 2.30    | 1.60      | 20.3       | 19       | 2.47      |  |
| 864990      | 0.71    | <1       | 17               | 56       | 0.8        | 4.49    | 1.95      | 30.1       | 41       | 3.38      |  |
| 864991      | 0.67    | <1       | 17               | 43       | 3.0        | 4.30    | 1.53      | 39.5       | 40       | 3.32      |  |
| 864992      | 1.63    | <1       | 11               | 34       | 5.2        | 3.00    | 1.18      | 15.0       | 24       | 2.04      |  |
| 864993      | 3.16    | <1       | 7                | 31       | 1.2        | 1.90    | 0.99      | 14.8       | 15       | 1.45      |  |
| 864994      | 3.37    | <1       | 7                | 30       | 9.2        | 2.01    | 0.81      | 11.5       | 15       | 1.29      |  |
| 864995      | 6.25    | <1       | 10               | 57       | 3.3        | 5.21    | 1.96      | 13.6       | 42       | 3.50      |  |
| 864996      | 1.57    | <1       | 13               | 31       | 2.5        | 3.17    | 1.10      | 9.6        | 27       | 2.37      |  |
| 864997      | 1.26    | <1       | 12               | 31       | 3.2        | 3.04    | 0.75      | 8.3        | 27       | 2.18      |  |
| *Rep 864997 | 1.30    | <1       | 12               | 30       | 2.1        | 3.13    | 0.75      | 8.3        | 27       | 2.20      |  |
| 864998      | 3.70    | <1       | 11               | 48       | 20.0       | 2.77    | 1.50      | 30.0       | 15       | 1.28      |  |
| 864999      | 3.25    | <1       | 13               | 44       | 12.1       | 3.39    | 0.74      | 36.4       | 25       | 2.02      |  |
| 865000      | 3.02    | <1       | 16               | 58       | 14.6       | 3.67    | 0.67      | 31.4       | 26       | 2.20      |  |
| 12951       | 2.70    | <1       | 14               | 51       | 5.6        | 3.34    | 0.51      | 33.7       | 22       | 1.98      |  |
| 12952       | 2.95    | <1       | 13               | 44       | 11.2       | 3.27    | 0.51      | 34.2       | 19       | 1.78      |  |
|             |         |          |                  |          |            |         |           |            |          |           |  |

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|                       |              |          |              |          |              |              |          |              |            | J                        |
|-----------------------|--------------|----------|--------------|----------|--------------|--------------|----------|--------------|------------|--------------------------|
| Element               | Mn           | Мо       | Na           | Ni       | P            | Pb           | Sb       | Sc           | Sn         | Sr                       |
| Method                | @ICP40B      | @ICP40B  | @ICP40B      | @ICP40B  | @ICP40B      | @ICP40B<br>2 | @ICP40B  | @ICP40B      | @ICP40B    | @ICP40B                  |
| Det.Lim.              | 2<br>PPM     | PPM      | 0.01<br>%    | 1<br>PPM | 0.01<br>%    | PPM          | 5<br>PPM | 0.5<br>PPM   | 10<br>PPM  | 0.5<br>PPM               |
| Units<br>864901       | 1100         | <1       | 3.26         | 91       | 0.06         | 5            | 6        | 23.6         | <10        | 287                      |
|                       |              | <1       |              | 89       |              |              | 7        | 24.0         | <10        | 297                      |
| *Rep 864901<br>864902 | 1100         | <1       | 3.34         | 78       | 0.06<br>0.06 | 3            | /<br><5  | 20.0         | <10        | 297<br>258               |
|                       | 1030         |          | 4.19         |          |              | 4            |          |              |            |                          |
| 864903<br>864904      | 451          | <1       | 4.03         | 79       | 0.06         | 3            | <5<br>8  | 20.1         | <10        | 175                      |
| 864904<br>864905      | 873          | <1       | 2.74         | 68<br>74 | 0.06         | 4            |          | 21.1         | <10        | 222<br>420               |
| 864905<br>864906      | 638          | <1       | 3.79         |          | 0.08         | 4            | <5       | 21.2         | <10        |                          |
| 864907                | 1840         | <1       | 1.53         | 26<br>24 | 0.05<br>0.05 | <2<br>4      | 16<br>12 | 48.3<br>53.1 | <10        | 71.3                     |
| 864907<br>864908      | 1900<br>1970 | <1       | 1.61         | 18       | 0.05         | 5            | 14       | 53.1<br>48.1 | <10        | 81.7                     |
|                       |              | <1       | 1.77         |          |              |              |          |              | <10<br><10 | 89.8                     |
| 864909                | 2150         | <1<br><1 | 1.75         | 9        | 0.06         | 4            | 11       | 52.6         | <10        | 77.7                     |
| 864910                | 2130         |          | 1.69         | 4        | 0.06         | 3            | 12<br>10 | 51.4         | _          | 85.3                     |
| 864911<br>864912      | 2070         | <1<br><1 | 1.71         |          | 0.06         | 6            | 7        | 51.8         | <10<br><10 | 84.0<br>80.6             |
|                       | 2050         |          | 1.63         | 11       | 0.05         | 3            |          | 53.2         |            |                          |
| 864913                | 2070         | <1       | 1.71         | 12       | 0.05         | 3            | 17       | 52.7         | <10        | 68.6                     |
| *Rep 864913           | 2070         | <1       | 1.70         | 12       | 0.05         | 3            | 14       | 53.1         | <10        | 67.8                     |
| 864914                | 1950         | <1       | 1.58         | 11       | 0.05         | 3            | 13       | 50.0         | <10        | 68.5                     |
| 864915                | 2000         | <1       | 1.17         | 13       | 0.05         | 3            | <5       | 52.4         | <10        | 60.8                     |
| 864916                | 1930         | <1       | 1.56         | 19       | 0.05         | 3            | 12       | 49.6         | <10        | 64.9                     |
| 864917                | 2020         | <1       | 1.56         | 21       | 0.04         | 13           | 13       | 49.5         | <10        | 66.3                     |
| 864918                | 1980         | <1       | 1.41         | 22       | 0.04         | 6            | 9        | 50.9         | <10        | 58.7                     |
| 864919                | 1860         | <1       | 1.37         | 21       | 0.04         | <2           | 9        | 47.6         | <10        | 60.5                     |
| 864920                | 1900         | <1       | 1.50         | 24       | 0.04         | 2            | 9        | 52.9         | <10        | 58.6                     |
| 864921                | 1940         | <1       | 1.65         | 27       | 0.04         | <2           | 8        | 53.5         | <10        | 54.4                     |
| 864922                | 1720         | <1       | 2.19         | 24       | 0.05         | 3            | 10       | 46.9         | <10<br><10 | 81.8<br>60.7             |
| 864923                | 1920         | <1       | 1.65         | 28       | 0.04         | 3            | 12<br>10 | 55.2         | <10        | 60.1                     |
| 864924                | 2090         | <1       | 1.83         | 27<br>25 | 0.04<br>0.04 | 3<br>5       | 11       | 54.2<br>52.0 | <10        | 55.2                     |
| 864925                | 1660         | <1       | 1.79         | 25<br>26 |              | 4            | 11       | 53.2         | <10        | 55.2<br>59.6             |
| *Rep 864925<br>864926 | 1730         | <1<br><1 | 1.91         |          | 0.04<br>0.03 | 2            | 12       | 50.7         | <10        | 55.3                     |
|                       | 1650         |          | 1.51         | 43       |              | 3            | 12       | 50.7<br>52.1 | <10        | 72.5                     |
| 864927<br>864928      | 1920<br>1940 | <1<br><1 | 1.72<br>1.68 | 59<br>64 | 0.03<br>0.03 | 28           | 14       | 56.7         | <10        | 74.8                     |
| 864929                |              | <1       | 1.51         | 56       | 0.03         | 8            | 8        | 51.3         | <10        | 64.3                     |
| 864929<br>864930      | 1730<br>2010 | <1       | 1.73         | 69       | 0.02         | 5            | 15       | 54.7         | <10        | 73.1                     |
| 864931                | 1620         | <1       | 1.73         | 75       | 0.03         | 4            | 10       | 51.8         | <10        | 73.1                     |
| 864932                | 2050         | <1       |              | 69       | 0.02         | 288          | 11       | 46.7         | <10        | 72.5<br>56.5             |
| 864933                | 2050<br>545  | 1        | 1.32<br>0.59 | 30       | 0.06         | 266<br>567   | <5       | 12.8         | <10        | 17.4                     |
|                       |              |          |              |          |              |              | <5<br><5 |              |            | 25.6                     |
| 864934<br>864935      | 540          | <1       | 1.21         | 16<br>36 | 0.01         | 352          | <5<br>7  | 10.5<br>43.3 | <10<br><10 | 25.6<br>51.0             |
| -                     | 1580         | <1       | 2.14         |          | 0.06         | 58           | /<br><5  |              | <10        | 51.0<br>17.4             |
| 864936                | 579          | 2        | 0.62         | 22<br>7  | 0.01         | 291          | <5<br><5 | 18.0         | <10<br><10 | 17. <del>4</del><br>10.7 |
| 864937                | 208          | 1        | 0.17         |          | <0.01        | 39           |          | 3.8          |            |                          |
| *Rep 864937           | 194          | 1        | 0.16         | 6        | <0.01        | 35           | <5       | 3.6          | <10        | 10.1                     |
| 864938                | 277          | <1       | 0.61         | 8        | 0.01         | 8            | <5<br>e  | 8.6          | <10        | 13.1                     |
| 864939                | 977          | <1       | 1.75         | 37       | 0.03         | 5            | 6        | 29.2         | <10        | 39.3                     |

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| Element               | Mn          | Мо       | Na           | Ni        | Р            | Pb       | Sb            | Sc           | Sn         | Sr         |
|-----------------------|-------------|----------|--------------|-----------|--------------|----------|---------------|--------------|------------|------------|
| Method                | @ICP40B     | @ICP40B  | @ICP40B      | @ICP40B   | @ICP40B      | @ICP40B  | @ICP40B       | @ICP40B      | @ICP40B    | @ICP40B    |
| Det.Lim.              | 2<br>PPM    | 1<br>PPM | 0.01<br>%    | 1<br>PPM  | 0.01<br>%    | 2<br>PPM | 5<br>PPM      | 0.5<br>PPM   | 10<br>PPM  | 0.5<br>PPM |
| Units                 |             | <1       |              |           |              | 9        |               |              |            |            |
| 864940<br>864941      | 1350        |          | 2.36         | 33        | 0.02         |          | 6             | 37.7         | <10        | 48.9       |
|                       | 1480        | <1       | 1.75         | 44        | 0.02         | 3        | 8             | 47.6         | <10        | 113        |
| 864942                | 207         | <1       | 0.62         | 12        | <0.01        | 2        | <5            | 7.7          | <10        | 11.5       |
| 864943                | 238         | <1       | 0.20         | 17        | <0.01        | 7        | <5            | 8.7          | <10        | 8.5        |
| 864944                | 120         | <1       | 0.06         | 3         | <0.01        | 2<br>7   | <5            | <0.5         | <10        | 5.3        |
| 864945                | 175         | <1       | 0.32         | 11        | 0.01         |          | <5            | 4.3          | <10        | 6.5        |
| 864946                | 130         | <1       | 0.27         | 5         | <0.01        | <2       | <5            | 2.5          | <10        | 7.7        |
| 864947                | 108         | <1       | 0.09         | 4         | <0.01        | <2       | <5            | <0.5         | <10        | 7.1        |
| 864948                | 146         | <1       | 0.26         | 6         | <0.01        | <2       | <5            | 1.6          | <10        | 6.8        |
| 864949                | 242         | <1       | 0.80         | 20        | 0.01         | <2       | <5            | 10.9         | <10        | 9.5        |
| *Rep 864949           | 255         | <1       | 0.85         | 20        | 0.01         | <2       | <5            | 10.8         | <10        | 10.1       |
| 864950                | 171         | <1       | 0.33         | 8         | <0.01        | <2       | <5            | 2.9          | <10        | 7.1        |
| 864951                | 111         | <1       | 0.31         | 7         | <0.01        | <2       | <5            | 2.8          | <10        | 6.4        |
| 864952                | 294         | <1       | 1.33         | 26        | <0.01        | <2       | <5            | 17.5         | <10        | 15.5       |
| 864953                | 480         | <1       | 2.64         | 49        | <0.01        | 3        | 8             | 30.8         | <10        | 23.4       |
| 864954                | 866         | <1       | 2.33         | 56        | 0.02         | 2        | 10            | 41.8         | <10        | 74.6       |
| 864955                | 837         | <1       | 1.62         | 80        | 0.02         | <2       | 13            | 43.3         | <10        | 57.5       |
| 864956                | 643         | <1       | 2.32         | 72        | 0.02         | 3        | 9             | 32.1         | <10        | 37.0       |
| 864957                | 675         | <1       | 2.58         | 50        | 0.01         | 2        | 9             | 32.0         | <10        | 85.3       |
| 864958                | 536         | <1       | 2.38         | 46        | 0.02         | <2       | 7             | 22.8         | <10        | 51.6       |
| 864959                | 574         | <1       | 2.96         | 40        | 0.02         | 3        | 6             | 25.8         | <10        | 100        |
| 864960                | 1230        | 1        | 1.58         | 46        | 0.03         | 3<br>2   | <5<br><5      | 27.1<br>17.7 | <10        | 149<br>151 |
| 864961                | 714         | <1       | 2.58         | 79        | 0.05         | 2        | <b>&lt;</b> 5 | 17.7         | <10        | 157        |
| *Rep 864961<br>864962 | 730<br>1290 | <1<br><1 | 2.66         | 82<br>208 | 0.05         | 2        | 5             | 41.2         | <10<br><10 | 163        |
| 864963                | 361         | <1       | 1.89<br>3.33 | 19        | 0.01         | 18       | 5<br><5       | 6.6          | <10        | 333        |
| 864964                | 531         | <1       | 3.60         | 25        | 0.11<br>0.11 | 4        | <5<br><5      | 7.4          | <10        | 197        |
| 864965                | 357         | <1       | 3.30         | 20        | 0.11         | 3        | <5<br><5      | 6.9          | <10        | 199        |
| 864966                | 475         | <1       | 3.93         | 22        | 0.10         | 3        | <5            | 7.5          | <10        | 229        |
| 864967                | 435         | <1       | 3.48         | 21        | 0.09         | 4        | 5             | 6.5          | <10        | 362        |
| 864968                | 335         | <1       | 3.40         | 17        | 0.08         | 3        | <5            | 5.8          | <10        | 415        |
| 864969                | 403         | <1       | 3.79         | 21        | 0.10         | 4        | <5            | 7.2          | <10        | 480        |
| 864970                | 448         | <1       | 3.50         | 22        | 0.09         | 3        | <5            | 7.6          | <10        | 376        |
| 864971                | 465         | <1       | 3.72         | 20        | 0.08         | 3        | 6             | 5.8          | <10        | 233        |
| 864972                | 435         | <1       | 3.72         | 19        | 0.08         | 2        | 7             | 6.7          | <10        | 274        |
| 864973                | 535         | <1       | 3.49         | 25        | 0.09         | 5        | ,<br><5       | 6.7          | <10        | 429        |
| *Rep 864973           | 534         | <1       | 3.49         | 25<br>25  | 0.09         | 4        | <5<br><5      | 6.6          | <10        | 429        |
| 864974                | 534<br>593  | <1       | 5.43         | 23        | 0.09         | <2       | <5<br><5      | 7.3          | <10        | 128        |
| 864975                | 595         | <1       | 4.38         | 40        | 0.10         | 2        | <5<br><5      | 11.3         | <10        | 117        |
| 864975<br>864976      | 509         | <1       | 4.38         | 39        | 0.12         | 3        | 7             | 11.3         | <10<br><10 | 104        |
| 864977                | 557         | <1       | 5.40         | 39        | 0.13         | 3        | /<br><5       | 9.0          | <10        | 143        |
| 864978                | 466         | <1       | 5.40<br>5.55 | 37        | 0.12         | 3        | <5            | 9.5          | <10        | 140        |
| 864979                | 439         | <1       | 5.52         | 31        | 0.12         | 2        | <5            | 7.7          | <10        | 148        |
| UU-1313               | 439         | <u> </u> | 5.52         | اد        | 0.10         | 2        | ~0            | 1.1          | ~10        | 140        |

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| Element     | Mn      | Мо      | Na      | Ni      | Р       | Pb      | Sb      | Sc      | Sn      | Sr      |  |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| Method      | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B |  |
| Det.Lim.    | 2       | 1       | 0.01    | 1       | 0.01    | 2       | 5       | 0.5     | 10      | 0.5     |  |
| Units       | PPM     | PPM     | %       | PPM     | %       | PPM     | PPM     | PPM     | PPM     | PPM     |  |
| 864980      | 421     | <1      | 4.74    | 32      | 0.09    | <2      | <5      | 8.4     | <10     | 113     |  |
| 864981      | 424     | <1      | 3.87    | 28      | 0.08    | 4       | <5      | 6.1     | <10     | 110     |  |
| 864982      | 412     | <1      | 4.80    | 27      | 0.10    | 5       | <5      | 6.4     | <10     | 134     |  |
| 864983      | 448     | <1      | 3.87    | 27      | 0.09    | 5       | <5      | 6.4     | <10     | 124     |  |
| 864984      | 422     | <1      | 4.19    | 25      | 0.09    | 5       | 7       | 6.0     | <10     | 134     |  |
| 864985      | 411     | <1      | 4.49    | 24      | 0.09    | 6       | <5      | 7.5     | <10     | 119     |  |
| *Rep 864985 | 394     | <1      | 4.37    | 26      | 0.10    | 7       | <5      | 8.1     | <10     | 116     |  |
| 864986      | 396     | <1      | 4.12    | 27      | 0.10    | 6       | <5      | 6.9     | <10     | 121     |  |
| 864987      | 470     | <1      | 2.98    | 31      | 0.10    | 4       | <5      | 7.9     | <10     | 78.2    |  |
| 864988      | 399     | <1      | 3.56    | 23      | 0.08    | 3       | <5      | 5.9     | <10     | 101     |  |
| 864989      | 574     | <1      | 3.47    | 22      | 0.07    | 4       | <5      | 5.8     | <10     | 93.1    |  |
| 864990      | 590     | <1      | 3.50    | 48      | 0.11    | 4       | <5      | 9.7     | <10     | 114     |  |
| 864991      | 563     | <1      | 3.53    | 45      | 0.11    | 2       | 12      | 9.0     | <10     | 111     |  |
| 864992      | 453     | <1      | 4.68    | 31      | 0.09    | 2       | <5      | 7.7     | <10     | 133     |  |
| 864993      | 439     | <1      | 3.97    | 22      | 0.08    | 3       | <5      | 5.8     | <10     | 110     |  |
| 864994      | 447     | <1      | 4.20    | 19      | 0.07    | <2      | <5      | 5.3     | <10     | 114     |  |
| 864995      | 985     | <1      | 10.2    | 28      | 0.09    | 6       | 6       | 7.9     | <10     | 250     |  |
| 864996      | 489     | <1      | 4.59    | 31      | 0.10    | 3       | 7       | 7.7     | <10     | 127     |  |
| 864997      | 491     | <1      | 4.30    | 30      | 0.09    | 5       | <5      | 6.5     | <10     | 110     |  |
| *Rep 864997 | 492     | <1      | 4.37    | 31      | 0.09    | 4       | <5      | 6.6     | <10     | 112     |  |
| 864998      | 504     | <1      | 3.25    | 35      | 0.09    | 3       | <5      | 8.6     | <10     | 192     |  |
| 864999      | 452     | <1      | 3.68    | 40      | 0.11    | 3       | <5      | 9.9     | <10     | 295     |  |
| 865000      | 542     | <1      | 3.78    | 46      | 0.10    | 3       | <5      | 9.9     | <10     | 300     |  |
| 12951       | 494     | <1      | 3.99    | 40      | 0.10    | 4       | <5      | 9.6     | <10     | 389     |  |
| 12952       | 516     | <1      | 3.94    | 38      | 0.10    | 5       | <5      | 10.1    | <10     | 543     |  |
|             |         |         |         |         |         |         |         |         |         |         |  |

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| Element               | Ti           | V          | w          | Y            | Zn         | Zr           |
|-----------------------|--------------|------------|------------|--------------|------------|--------------|
| Method                | @ICP40B      | @ICP40B    | @ICP40B    | @ICP40B      | @ICP40B    | @ICP40B      |
| Det.Lim.              | 0.01         | 2          | _ 10       | 0.5          | 0.5        | 0.5          |
| Units                 | %            | PPM        | PPM        | PPM          | PPM        | PPM          |
| 864901                | 0.39         | 168        | <10        | 15.7         | 77.2       | 46.5         |
| *Rep 864901           | 0.40         | 168        | <10        | 15.8         | 74.7       | 46.3         |
| 864902                | 0.35         | 147        | <10        | 11.8         | 88.8       | 55.3         |
| 864903                | 0.31         | 143        | <10        | 11.7         | 41.9       | 53.8         |
| 864904                | 0.32         | 158        | <10        | 13.8         | 81.6       | 49.0         |
| 864905                | 0.36         | 159        | <10        | 15,1         | 64.3       | 63.5         |
| 864906                | 1.22         | 722        | <10        | 35.9         | 108        | 29.7         |
| 864907                | 1.34         | 758        | <10        | 42.9         | 99.7       | 37.8         |
| 864908                | 1.23         | 610        | <10        | 48.5         | 156        | 39.0         |
| 864909                | 1.26         | 630        | <10        | 38.6         | 151        | 26.4         |
| 864910                | 1.18         | 591        | <10        | 36.7         | 144        | 25.8         |
| 864911                | 1.22         | 582        | <10        | 36.5         | 144        | 25.3         |
| 864912                | 1.28         | 770        | <10        | 34.7         | 130        | 23.7         |
| 864913                | 1.32         | 813        | <10        | 32.6         | 134        | 24.3         |
| *Rep 864913           | 1.31         | 825        | <10        | 32.9         | 135        | 24.3         |
| 864914                | 0.98         | 628        | <10        | 33.8         | 148        | 20.4         |
| 864915                | 1.19         | 708        | <10        | 33.2         | 131        | 18.5         |
| 864916                | 1.10         | 662        | <10        | 31.6         | 125        | 23.7         |
| 864917                | 1.12         | 703        | <10        | 29.3         | 151        | 25.7         |
| 864918                | 1.12         | 739        | <10        | 27.4         | 154        | 21.5         |
| 864919                | 1.05         | 715        | <10        | 25.2         | 133        | 20.0         |
| 864920                | 1.08         | 827        | <10        | 27.6         | 143        | 22.8         |
| 864921                | 1.20         | 888        | <10        | 26.7         | 142        | 19.4         |
| 864922                | 1.02         | 690        | <10        | 27.6         | 129        | 28.0         |
| 864923                | 1.12         | 885<br>882 | <10<br><10 | 25.9         | 150<br>155 | 21.7<br>21.5 |
| 864924                | 1.26<br>1.14 | 756        | <10        | 27.3<br>27.3 | 162        | 23.2         |
| 864925<br>*Rep 864925 | 1.14         | 769        | <10        | 27.3         | 153        | 24.3         |
| 864926                | 1.05         | 1030       | <10        | 19.7         | 62.2       | 21.7         |
| 864927                | 1.05         | 1180       | <10        | 18.0         | 83.4       | 21.8         |
| 864928                | 1.07         | 1270       | <10        | 21.1         | 134        | 25.4         |
| 864929                | 0.86         | 1000       | <10        | 18.1         | 116        | 20.8         |
| 864930                | 1.04         | 1180       | <10        | 18.8         | 141        | 20.8         |
| 864931                | 0.86         | 1130       | <10        | 18.4         | 123        | 19.7         |
| 864932                | 0.90         | 735        | <10        | 28.8         | 1250       | 37.7         |
| 864933                | 0.26         | 239        | <10        | 8.2          | 5960       | 3.9          |
| 864934                | 0.21         | 187        | <10        | 10.6         | >10000     | 5.5          |
| 864935                | 0.71         | 385        | <10        | 33.0         | 349        | 45.4         |
| 864936                | 0.27         | 177        | <10        | 8.8          | 2650       | 13.2         |
| 864937                | 0.06         | 43         | <10        | 2.2          | 45.9       | 2.7          |
| *Rep 864937           | 0.06         | 41         | <10        | 2.1          | 44.8       | 2.1          |
| 864938                | 0.09         | 62         | <10        | 3.7          | 42.0       | 3.5          |
| 864939                | 0.40         | 201        | <10        | 14.1         | 56.9       | 19.0         |
|                       | 2.14         |            |            |              |            |              |

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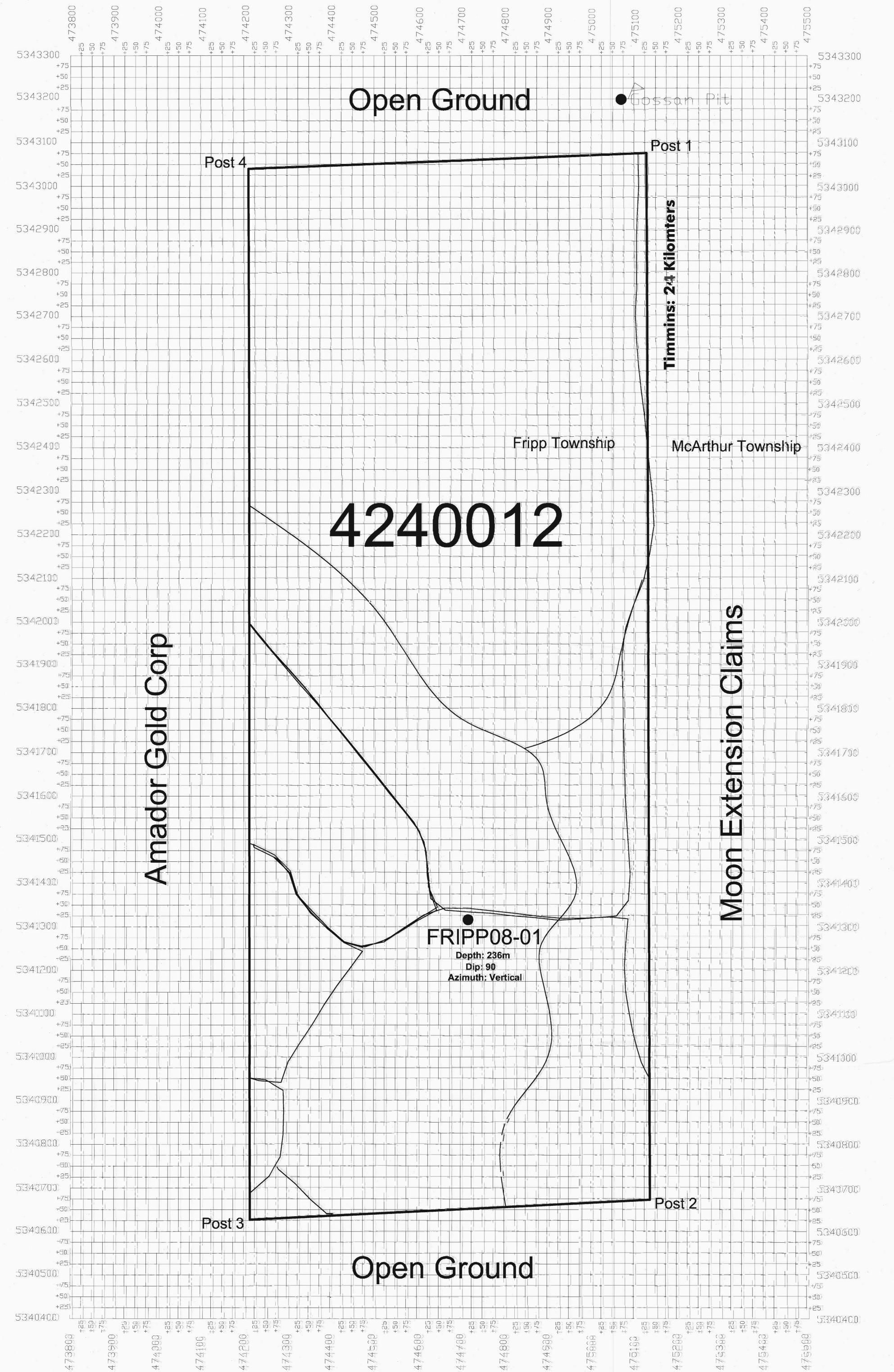
| Element          | Ti           | V          | w          | Υ            | Zn          | Zr           |
|------------------|--------------|------------|------------|--------------|-------------|--------------|
| Method           | @ICP40B      | @ICP40B    | @ICP40B    | @ICP40B      | @ICP40B     | @ICP40B      |
| Det.Lim.         | 0.01         | 2          | 10         | 0.5          | 0.5         | 0.5          |
| Units            | %            | PPM        | PPM        | PPM          | PPM         | PPM          |
| 864940           | 0.37         | 234        | <10        | 13.2         | 61.4        | 15.6         |
| 864941           | 0.39         | 265        | <10        | 16.4         | 94.4        | 23.9         |
| 864942           | 0.05         | 46         | <10        | 2.6          | 21.3        | 4.0          |
| 864943           | 0.05         | 51         | <10        | 1.8          | 26.9        | 5.1          |
| 864944           | <0.01        | 5          | <10        | <0.5         | 8.5         | 0.7          |
| 864945           | 0.04         | 28         | <10        | 3.2          | 33.1        | 4.6          |
| 864946           | 0.02         | 12         | <10        | 1.3          | 9.1         | 2.6          |
| 864947           | <0.01        | 5          | <10        | <0.5         | 10.6        | <0.5         |
| 864948           | 0.03         | 21         | <10        | 0.7          | 11.7        | 1.4          |
| 864949           | 0.07         | 65         | <10        | 3.9          | 29.6        | 6.7          |
| *Rep 864949      | 0.07         | 64         | <10        | 3.9          | 30.6        | 6.7          |
| 864950           | 0.02         | 24         | <10        | 1.5          | 22.0        | 2.3          |
| 864951           | 0.02         | 19         | <10        | 3.7          | 15.7        | 2.4          |
| 864952           | 0.09         | 81         | <10        | 6.8          | 42.6        | 8.8          |
| 864953           | 0.15         | 130        | <10        | 10.4         | 77.5        | 21.6         |
| 864954           | 0.31         | 240        | <10        | 13.2<br>13.7 | 98.8<br>119 | 24.9<br>20.4 |
| 864955           | 0.31<br>0.24 | 265<br>223 | <10<br><10 | 9.5          | 96.0        | 17.7         |
| 864956<br>864957 | 0.24         | 165        | <10        | 8.8          | 87.4        | 17.7         |
| 864958           | 0.23         | 164        | <10        | 11.0         | 74.7        | 13.6         |
| 864959           | 0.19         | 165        | <10        | 10.4         | 86.3        | 17.4         |
| 864960           | 0.56         | 251        | <10        | 16.6         | 64.4        | 36.7         |
| 864961           | 0.32         | 120        | <10        | 12.8         | 67.9        | 60.4         |
| *Rep 864961      | 0.33         | 127        | <10        | 13.1         | 72.2        | 63.9         |
| 864962           | 0.14         | 150        | <10        | 12.8         | 72.3        | 5.7          |
| 864963           | 0.17         | 65         | <10        | 7.9          | 297         | 75.7         |
| 864964           | 0.20         | 74         | <10        | 7.8          | 108         | 88.6         |
| 864965           | 0.16         | 67         | <10        | 7.5          | 98.3        | 80.7         |
| 864966           | 0.19         | 74         | <10        | 7.7          | 93.9        | 84.9         |
| 864967           | 0.20         | 67         | <10        | 7.8          | 82.1        | 75.0         |
| 864968           | 0.17         | 56         | <10        | 6.8          | 64.4        | 72.7         |
| 864969           | 0.21         | 69         | <10        | 8.4          | 87.4        | 89.3         |
| 864970           | 0.21         | 73         | <10        | 7.9          | 95.8        | 82.4         |
| 864971           | 0.18         | 59         | <10        | 6.9          | 94.1        | 80.9         |
| 864972           | 0.18         | 64         | <10        | 8.0          | 91.6        | 90.2         |
| 864973           | 0.20         | 75         | <10        | 8.6          | 111         | 86.5         |
| *Rep 864973      | 0.20         | 71         | <10        | 8.3          | 111         | 86.6         |
| 864974           | 0.22         | 62         | <10        | 9.9          | 61.1        | 97.8         |
| 864975           | 0.26         | 116        | <10        | 7.8          | 104         | 105          |
| 864976           | 0.26         | 107        | <10        | 9.7          | 101         | 109          |
| 864977           | 0.26         | 73         | <10        | 8.9          | 74.3        | 97.6         |
| 864978           | 0.28         | 84         | <10        | 8.4          | 84.7        | 113          |
| 864979           | 0.22         | 65         | <10        | 9.0          | 63.9        | 114          |

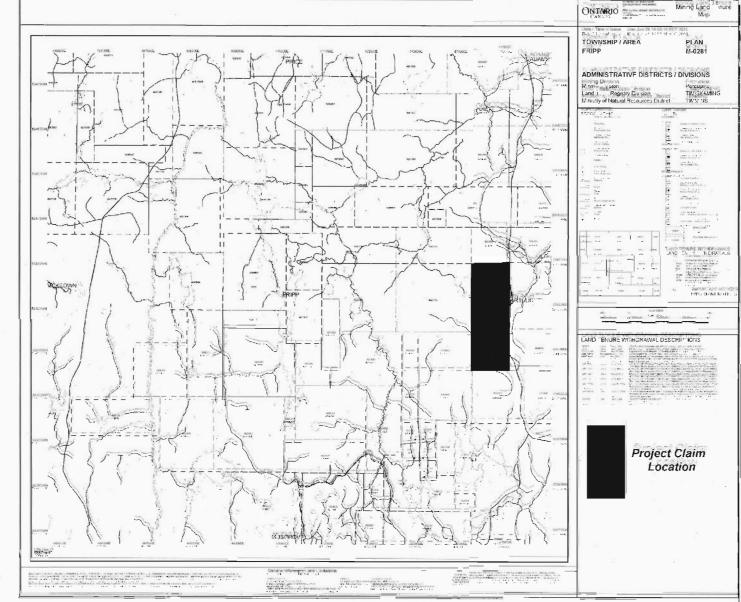
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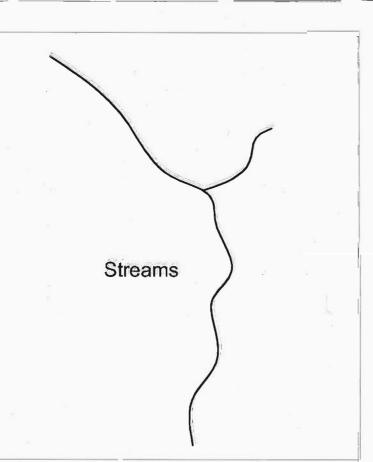
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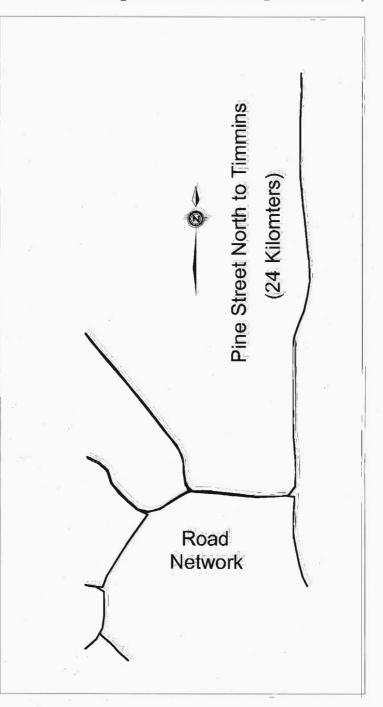
| Element     | Ti      | V       | W       | Υ       | Zn      | Zr      |
|-------------|---------|---------|---------|---------|---------|---------|
| Method      | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B | @ICP40B |
| Det.Lim.    | 0.01    | 2       | 10      | 0.5     | 0.5     | 0.5     |
| Units       | %       | PPM     | PPM     | PPM     | PPM     | PPM     |
| 864980      | 0.19    | 72      | <10     | 7.5     | 78.2    | 104     |
| 864981      | 0.16    | 63      | <10     | 5.7     | 69.5    | 75.4    |
| 864982      | 0.16    | 63      | <10     | 6.8     | 74.3    | 83.3    |
| 864983      | 0.14    | 70      | <10     | 6.2     | 78.0    | 75.4    |
| 864984      | 0.16    | 63      | <10     | 5.9     | 69.9    | 74.0    |
| 864985      | 0.17    | 63      | <10     | 6.6     | 61.6    | 76.2    |
| *Rep 864985 | 0.17    | 70      | <10     | 7.2     | 69.0    | 82.3    |
| 864986      | 0.16    | 68      | <10     | 7.0     | 75.8    | 84.6    |
| 864987      | 0.17    | 78      | <10     | 7.6     | 78.9    | 98.5    |
| 864988      | 0.14    | 57      | <10     | 7.0     | 58.6    | 91.4    |
| 864989      | 0.14    | 54      | <10     | 6.7     | 49.0    | 76.2    |
| 864990      | 0.24    | 107     | <10     | 8.1     | 115     | 114     |
| 864991      | 0.22    | 92      | <10     | 9.0     | 110     | 121     |
| 864992      | 0.21    | 71      | <10     | 7.7     | 72.0    | 95.2    |
| 864993      | 0.17    | 53      | <10     | 7.3     | 46.9    | 82.3    |
| 864994      | 0.17    | 51      | <10     | 6.7     | 45.6    | 78.6    |
| 864995      | 0.42    | 69      | <10     | 9.0     | 67.8    | 99.8    |
| 864996      | 0.14    | 73      | <10     | 5.8     | 90.8    | 86.5    |
| 864997      | 0.17    | 65      | <10     | 6.9     | 92.1    | 99.8    |
| *Rep 864997 | 0.17    | 65      | <10     | 6.9     | 96.7    | 102     |
| 864998      | 0.24    | 80      | <10     | 8.7     | 62.9    | 115     |
| 864999      | 0.27    | 90      | <10     | 10.3    | 86.3    | 119     |
| 865000      | 0.27    | 96      | <10     | 9.8     | 92.3    | 118     |
| 12951       | 0.26    | 86      | <10     | 9.7     | 86.9    | 114     |
| 12952       | 0.27    | 87      | <10     | 9.6     | 82.7    | 113     |

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### **LEGEND**

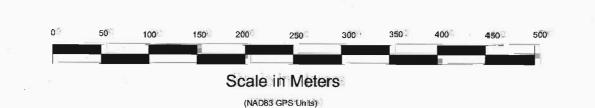
### **Modifiers**

Quartz-Carbonate stringers Quartz Vein

RESISTIVITY mV/v FROM NORTH EAST-SOUTH WEST GRID CHARGEABILITY mV/v FROM EAST-WEST GRID

### Symbols





### **Moon Energy Corp** Foundation, Canada

Fripp Township Drill Plan

Project: Stargate Drill Date: Sept 8-11, 2008 Township: Fripp (M-0281) UTM Location: 474717E / 5341316N Drawn by: Glenn Galata Grid: NAD83 Commodity: PGE, Gold

Project: Stargate

Core Stored: Moneta Facility Contractor Eastern Drilling