> | BC Geological Survey |
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| Assessment Report |
| 32527 |

# 2010 REPORT ON THE DRILLING ACTIVITIES FOR ROGERS CREEK PROJECT SOUTH-WESTERN BRITISH COLUMBIA <br> LILLOOET Mining District <br> UTM Zone 10 Latitude 5,540,000 <br> Longitude 500,000 <br> NTS 092J- PEMBERTON 

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## 1SUMMARY

This report discusses the results of two bore hole drilling campaign for Miocene Metals Limited Rogers Creek Project sited in the Lillooet Mining District, Southwester British Columbia.

A $1,024.39 \mathrm{~m}$ drill program was carried out in the summer 2010 on the Rogers Creek property.
The program started on July $14^{\text {th }}, 2010$ and ended on July $30^{\text {th }}, 2010$. The company responsible for performing the drilling operation was Blackhawk Drilling from Smithers, BC. Miocene Metals Limited provided a 3-4 person staff for core logging, sampling and logistics. Blackhawk had 4 people on the ground including 2 drillers and 2 helpers working 12 hour shifts. Lizzie Bay Logging of Pemberton, BC supported the maintenance and service on the Rogers Creek Forest Service Road by providing an excavator and a grader including operators.

The cost of the drill program not including sample assaying or labour was $\$ 128,120$. The core was transported from the drill-site to the Miocene Metals Limited core logging site, which was located 4-8 km to the south-west along the Rogers Creek Forest Service Road from the drill-sites. The two drill holes drilled were as follows:

1. MRC-001: 582.32 m length, $315^{0}$ Azimuth at -600 inclination (E 5430013/N 5546922, elev. 721 m )
2. MRC-002: 442.07 m length, $225^{\circ}$ Azimuth at -450 inclination (E $540053 / \mathrm{N} 5544116$, elev. 717 m )

Direct drilling cost amounts to $\$ 126,244.26$ while the appurtenant preparation and analysis of drill core samples amounts to $\$ 13,510.84$.

## 2 INTRODUCTION

Miocene Metals Limited is a private company focused on exploring for and developing porphyry copper-gold-molybdenum deposits within the Cascade Magmatic Arc of south-western British Columbia.

The company has acquired seven properties covering approximately $1300 \mathrm{~km}^{2}$ in what is considered as a poorly documented belt of prospective Miocene-age intrusive rocks that has seen little modern exploration activity.

This report presents the results of a two hole drilling campaign conducted over one of the seven properties referred to above - the Rogers Creek Project.

The Rogers Creek property lies in an intrusive-dominated region of the Coast Mountain Belt of British Columbia, near Pemberton, BC. It covers $484.93 \mathrm{~km}^{2}$ of land in the Coastal Mountain Belt of British Columbia about 90 km northeast of Vancouver. The property was staked by Mr. Gary Poirier who had observed copper staining in the area.

The Property - consisting of 108 claims - is being explored by Miocene Metals Limited (Miocene) for porphyry style mineralization. On the Property, a number of very recently discovered copper and gold showings occur within the Miocene ( $16.7+/-2.7 \mathrm{Ma}$ ) (Armstrong, unpublished) Rogers Creek intrusive complex; which is exposed on the Property intruding through metamorphosed Jurassic and Cretaceous rocks, that are typical of the Coastal Belt, and into overlying and coeval Miocene volcanic flows and pyroclastic rocks.

[^1]
## 3 LOCATION AND ACCESS

The property can be accessed by the In-Shuck-Ch Forest Service Road with branches off of highway 99 going from Pemberton, BC towards Lillooet, BC. Following the In-Shuck-Ch forest service road towards south, the Rogers Creek Valley FSR can be accessed at Kilometer 42, turning left from the In-Shuck-ch FSR.

The discovery showing is located on a switch-back of an east/west logging access road that enters the Rogers Creek valley, at kilometre 42 of the In-Shuck-Ch Forest Service road.


Figure 1: Property location

The In-SHUCK-ch Forest Service Road is a maintained gravel road, drivable by car, which provides access to several communities of the In-SHUCK-ch First Nation that are spread out along the Lower Lillooet River. The Rogers Creek Forest Service Road requires the clearance of at least a half-ton pickup truck.

With a $4 \times 4$ vehicle, it is possible to drive southward on the In-SHUCK-ch Forest Service Road, alongside Harrison Lake and come out in the Fraser River Valley near Chilliwack.

Helicopter support is based out of Whistler, and there is an airport in Pemberton.

The Village of Pemberton has a population of approximately 2,300; it has train and bus stations, a small airport, a small health unit, an elementary school, a post office and several lodges and motels. It primarily provides services for recreation and does not host any heavy industry. Agriculture and forestry play a minor role in the overall industrial output of the village.

A high tension power line extends through the western side of the Rogers Creek Property following the Lower Lillooet River.

Land uses on the Rogers Creek Property include recreational activities (hunting, fishing and hiking), mineral exploration and forestry. The Property occurs within the traditional territory of the In-SHUCK-ch First Nation, who have logging operations in and around the Property.

Temperatures in the Lillooet River valley average of $2^{\circ} \mathrm{C}$ in the winter and $26^{\circ} \mathrm{C}$ in the summer although temperatures are much colder on surrounding mountain peaks, which reach elevations of close to $2,380 \mathrm{~m}$; most rainfall occurs between October and March. Higher elevations in the Coast Mountains get heavy snowfall in the winter, which makes exploration difficult to impossible throughout the winter. The exploration season usually starts in April or May and ceases by the end of October.

The topography is very rugged with elevations ranging from 200 up to $2,500 \mathrm{~m}$. Slopes can be very steep (more than $35^{\circ}$ ) restricting access to some parts of the property. Structures seem to have a major influence on topography as they form valleys within the homogenous igneous rocks found on the property. In areas with mafic meta-sedimentary lithologies slopes are generally not as steep as in the intrusive complex. Due to abundant silicification the lithological impact on the topography is minor compared to the structural influence. The valleys are filled with talus as well as fluvial sediments washed out from adjacent ridges. Slopes are often covered by talus and vegetation. At lower elevations, vegetation consists of cedar and fir trees and undergrowth typical of the temperate rainforest in southwest BC. Stunted spruce and pine can be found at higher elevations.

[^2]

Figure 2: Property location detail.

## 4 CLAIMS AND OWNERSHIP

The Rogers Creek Project comprises the claims listed below and shown in Figure 2 overleaf
TABLE 1: Claims Comprising the Rogers Creek Property

|  | tenure <br> number | map <br> area <br> (NTS) | area <br> (hectares) |
| :---: | :---: | :---: | :---: |
| 1 | 562849 | 092J | 518.39 |
| 2 | 562850 | 092J | 518.41 |
| 3 | 562851 | 092J | 518.37 |
| 4 | 562852 | 092J | 518.41 |
| 5 | 562853 | 092J | 497.86 |
| 6 | 562854 | 092J | 497.86 |
| 7 | 562855 | 092J | 497.84 |
| 8 | 562856 | 092J | 518.36 |
| 9 | 562857 | 092J | 518.17 |
| 10 | 562858 | 092J | 497.83 |
| 11 | 562859 | 092J | 518.16 |
| 12 | 562860 | 092J | 518.14 |
| 13 | 562861 | 092J | 456.28 |
| 14 | 562862 | 092J | 518.11 |
| 15 | 562863 | 092J | 517.95 |
| 16 | 562864 | 092J | 517.94 |
| 17 | 562865 | 092J | 518.11 |
| 18 | 562866 | 092J | 497.42 |
| 19 | 562867 | 092J | 497.03 |
| 20 | 562868 | 092J | 455.82 |
| 21 | 562869 | 092J | 517.78 |
| 22 | 562870 | 092J | 248.51 |
| 23 | 563178 | 092J | 517.53 |
| 24 | 563180 | 092J | 517.54 |
| 25 | 563181 | 092J | 517.27 |
| 26 | 563182 | 092J | 517.28 |
| 27 | 563183 | 092J | 372.60 |
| 28 | 563185 | 092J | 518.75 |
| 29 | 563186 | 092J | 518.76 |
| 30 | 563188 | 092J | 518.97 |
| 31 | 563189 | 092J | 518.77 |
| 32 | 563190 | 092J | 518.98 |
|  |  |  |  |


|  | tenure <br> number | map <br> area <br> (NTS) | area <br> (hectares) |
| :---: | :---: | :---: | ---: |
| 33 | 563191 | 092J | 518.99 |
| 34 | 563192 | 092J | 519.00 |
| 35 | 563193 | 092J | 518.80 |
| 36 | 563194 | 092J | 518.79 |
| 37 | 563195 | 092J | 518.88 |
| 38 | 563196 | 092G | 436.11 |
| 39 | 563197 | 092G | 519.21 |
| 40 | 563198 | 092J | 519.07 |
| 41 | 563199 | 092G | 519.22 |
| 42 | 563200 | 092G | 477.86 |
| 43 | 563201 | 092G | 228.63 |
| 44 | 563202 | 092J | 517.70 |
| 45 | 563204 | 092J | 414.59 |
| 46 | 563205 | 092J | 517.77 |
| 47 | 563206 | 092J | 497.65 |
| 48 | 563207 | 092J | 497.06 |
| 49 | 563208 | 092J | 518.02 |
| 50 | 563210 | 092J | 41.43 |
| 51 | 563211 | 092J | 20.71 |
| 52 | 563212 | 092J | 269.23 |
| 53 | 577508 | 092J | 498.26 |
| 54 | 577509 | 092G | 519.27 |
| 55 | 577510 | 092G | 519.27 |
| 56 | 577511 | 092G | 519.26 |
| 57 | 577513 | 092G | 519.50 |
| 58 | 577514 | 092G | 519.51 |
| 59 | 577515 | 092G | 519.51 |
| 60 | 577516 | 092G | 519.51 |
| 61 | 577517 | 092G | 187.04 |
| 62 | 577518 | 092G | 478.15 |
| 63 | 577520 | 092G | 498.95 |
| 64 | 577522 | 092G | 498.96 |
|  |  |  |  |


|  | tenure number |  | map area <br> (NTS) | area (hectares) |
| :---: | :---: | :---: | :---: | :---: |
| 65 | 577523 |  | 092G | 519.75 |
| 66 | 577524 |  | 092G | 498.97 |
| 67 | 577526 |  | 092G | 374.39 |
| 68 | 577529 |  | 092G | 519.99 |
| 69 | 577532 |  | 092G | 519.99 |
| 70 | 577536 |  | 092G | 332.78 |
| 71 | 577539 |  | 092G | 83.18 |
| 72 | 577543 | FM | 092G | 478.66 |
| 73 | 577546 | FM | 092G | 395.28 |
| 74 | 577547 | FM | 092G | 499.47 |
| 75 | 577548 | FM | 092G | 478.51 |
| 76 | 577549 | FM | 092G | 416.25 |
| 77 | 577550 | FM | 092G | 478.84 |
| 78 | 577551 | FM | 092G | 478.96 |
| 79 | 577553 | FM | 092G | 458.26 |
| 80 | 577554 | FM | 092G | 521.06 |
| 81 | 577555 | FM | 092G | 500.05 |
| 82 | 577561 | FM | 092G | 208.38 |
| 83 | 577562 |  | 092G | 520.17 |
| 84 | 577563 |  | 092G | 312.11 |
| 85 | 577564 |  | 092G | 457.74 |
| 86 | 577565 |  | 092G | 520.38 |

## 5 EXPLORATION HISTORY

During logging road construction within Rogers Creek Valley in 2007, Mr. Gary Poirier discovered copper mineralization. He staked 52 claims which were optioned to Wallbridge in March of 2008. Prior to signing an option agreement, Wallbridge contracted Clinton Smyth, of Vancouver, to collect 346 soil and 73 rock samples on Poirier's claim group in November 2007. In 2008, after staking an additional 48 claims to cover the southern portion of the Rogers Creek Pluton, a major field program consisting of mapping, prospecting and collection of 307 soil, 670 rock, 150 stream sediment and 73 heavy mineral concentrate samples was completed, with the assistance of Discovery Consultants, from Kelowna, BC. Also in 2008, CMG Ltd. of Rockwood, Ontario was contracted to complete a 1506 line-km airborne magnetic gradiometry and VLF-EM survey over the Property. As a result, three Target areas were defined and are displayed in Figure . .

During 2009, extensive soil, silt and bedrock sampling and mapping were carried out; as well as prospecting within previously unexplored areas of the property. The focus of the 2009 bedrock mapping and prospecting program was: mapping of outcrops along IP-lines to facilitate correlation of near surface IP-results and surface lithology, and the mapping and prospecting of rock units along newly established logging roads along the Lillooet River and the south-western part of the property known as Fire Mountain. Bedrock mapping started in early May and ended by the end August 2009. In total 81 days were worked mapping and sampling in the field and 119 rock samples were collected and submitted for geochemical analysis. Mapping focused mainly on road-cuts and IP-gridlines to identify any signs of alteration and mineralization. The mapping scale varied depending on the complexity of the target, between 1:10,000 and 1:2,000 scale. In total 33.5 km of road banks were mapped as was the entire 41 line-km of IP grid. The balance of work focused on mapping, prospecting, soil sampling, and finally cross-slope and up-slope traverses to investigate potentially gossanous outcrops observed from a distance. During the 2009 season, 166 outcrops, 66 structural features and 18 quaternary features (talus coverage, etc.) were recorded in the project Maplnfo database as well as any newly established access in the project area.

In 2009, 216 soil samples were taken at different targets. Previous soil sampling delineated a possible NWtrending zone of anomalous gold samples crossing the Rogers Creek Valley. It was decided that an increase of soil sample density was necessary to confirm this zone. 40 samples were retrieved and verified the existence of the zone. New showings of molybdenite and copper mineralization were identified in the Fire Mountain area (Target IV) and followed up with an extensive soil sampling program consisting of 160 samples to characterize the extent and orientation of this new target.

Six stream sediment samples were also collected during the summer of 2009, mainly to confirm anomalies found at Target III and to sample previously unsampled streams that tapped into the same source area as the anomalous streams found in 2007 and 2008, to further outline the potential of this gold target.


Figure 3: Target Areas defined by Wallbridge during 2007/2008 program. Pink: Miocene Intrusion (Rogers Creek Pluton), Grey: Mesozoic rocks,

The approach on geophysical surveys in 2009 was three fold and comprised a 2-phase Induced Polarization survey, the collection of magnetic susceptibility data and an inversion of airborne magnetic data. In the beginning of June 2009 an Induced Polarization survey was carried out by ABITIBI Geophysics, of Val d'Or, Quebec, with a six-member crew. The NE/SW-oriented survey grid comprised 5 lines for a total of 41 line-km. The grid covered two magnetic anomalies that coincide with geochemical anomalies particularly over Target I. The reason for this two-fold survey design was to identify potential sheeted vein systems in the north-east part of the grid, as surface mapping identified several high grade gold veins north-east of the magnetic-low, which defines the Target I. The survey concluded on July 26, 2009.

The third component of the geophysical survey included measuring and documenting the magnetic susceptibility of rocks cropping out along roads and parts of the IP-grid. The data was collected to support an inversion of the magnetic data collected by an airborne survey flown in 2008. MIRA Geoscience of Vancouver, BC generated a 3D model of the magnetic rock properties, which were combined with the available 3D data generated by ABITIBI Geophysics' Induced Polarization survey and which will guide future drill programs.

## 6 GEOLOGICAL AND ECONOMIC ASSSESMENT

The property is located within the Coastal Mountain Belt of British Columbia (Figure 4). The Coast Belt includes the Coast and Cascade Mountains and extends from south of the British Columbia - Washington State border, some 1500 km northward up to the southern border of the Yukon Territory and beyond. The Coastal Mountain Belt is made up mostly of 185 to 50 million year old granitic rocks, plus scattered remnants of older, deformed sedimentary and volcanic rock into which the granitic bodies have intruded. The last 40 million years, however, have been shaped by magmatism related to development of the Cascade Magmatic Arc (Figure 5), formed by subduction of the Juan de Fuca Plate beneath the North American Plate (Monger and Journeay 1994).


## Regional Geological Setting

The Coast Belt in southern BC is divided into south-western and south-eastern parts based on the distribution of plutonic rocks, terranes and structures (Crickmay, 1930)

The south-western Coast Mountains feature mainly Middle Jurassic to mid-Cretaceous plutons (ca. 165-91 Ma) which intrude supracrustal sequences of the Middle Triassic to Middle Jurassic Wrangellia and Harrison Lake terranes and the overlapping Jurassic-Cretaceous volcanic and sedimentary rocks. The western boundary is the western limit of Middle Jurassic intrusions that possibly were localized along preand syn-plutonic faults. The eastern boundary is delineated by the high-grade, internal, metamorphic thrust nappes of the Coast Belt Thrust System that are derived in large part from basinal strata (Bridge River terrane) characteristic of the south-eastern Coast Mountains. Rocks (Harrison terrane and Gambier Group) characteristic of the eastern part of south-western Coast Mountains are also internally imbricated along west-directed thrust faults of the external part of the Coast Thrust Belt System, below nappes featuring high-grade metamorphism to the east. Thus, the south-western Coast Mountains occupy a plutonicdominated crustal block that acted as a foreland buttress during early Late Cretaceous ( $91-97 \mathrm{Ma}$ ) westdirected thrusting centred in the south-eastern Coast Mountains (Crickmay, 1930 and Monger and Journeay 1994).


Figure 5: Distribution of Tertiary to recent features formed

The south-eastern Coast Mountains feature mid-Cretaceous through early Tertiary (103-47 Ma) plutonic rocks, emplaced within (mainly) Bridge River, Cadwallader and Methow Terranes. This part of the Coast Mountains was the site of the most intense deformation and highest grade metamorphism in Late Cretaceous-early Tertiary time. All three terranes in the south-eastern Coast Mountains appear to be founded on oceanic crust.

The Rogers Creek Property is centred on the Miocene-aged ( $16.7 \pm 2.7 \mathrm{Ma}$; (Armstrong unpublished) Rogers Creek intrusive complex; which is exposed on the Property intruding through the older metamorphosed Jurassic and Cretaceous rocks, that are typical of the Coastal Belt, and into overlying and coeval Miocene Crevasse Crag volcanic flows and pyroclastic rocks (Journeay and Monger 1997). The Rogers Creek intrusive complex and the coeval Crevasse Crag volcanic rocks are phases of recent volcanic and plutonic activity of the Cascade Magmatic Arc.


Figure 5: Rogers Creek Project with respect to morphological belts (Monger and Journeay, 1994)

## PROPERTY GEOLOGY

Figure illustrates the general geology of the work area as mapped by the British Columbia Geological Survey (BCGS) on the scale of 1:500,000. Descriptions of these lithologies can be found in Table 1.


Figure 6: Geology of the Rogers Creek project area (from Journeay and Monger 1997). - Map-codes are explained in Table 1.

Table 1: Description of rock units shown in Figure .

| Unit | $\begin{gathered} \text { Rock_cla } \\ \text { ss } \end{gathered}$ | Rock_type | Tectonic Environment | Comments |
| :---: | :---: | :---: | :---: | :---: |
| eK | plutonic | quartz-diorite, diorite | arc-related plutons | Spatially associated with Upper Jurassic-Lower Cretaceous arc volcanics of the Gambier Group; interpreted as sub-volcanic roots to a west-facing arc; linked to subduction of Farallon Plate along the outboard margin of Wrangellia |
| ICE |  | icefield/glacier |  |  |
| IKG | volcanic / sedimenta ry | crystal tuff, volcaniclastic sandstone, phyllite, lapilli tuff, flow-banded rhyolite, quartz and feldspar-phyric rhyolite, andesite, volcanic breccia | continental arc volcanics and clastics | Valanginian-Hauterivian arc-related volcanics; comprises both lower sub-alkaline and upper calc-alkaline suites; part of a west(?)-facing arc sequence formed in an extensional or transtensional setting; host to important base-metal deposits |
| IKS | plutonic | hornblende- and biotitehornblende quartz-diorite | arc-related plutons | Post-kinematic plutons; locally contain magmatic epidote; part of a NW-trending, eastward-younging continental arc; related to subduction of the Farallon Plate; deeper level equivalents include foliated metaplutonic suites of the Cascade Metamorphic Cor |
| M | plutonic | hornblende-biotite granodiorite | arc-related plutons | RODGER'S CREEK PLUTON: calc-alkaline plutons; part of a NWtrending, eastward-younging post-accretionary arc; related to subduction of Farallon Plate; emplacement locally controlled by NEtrending Miocene faults; source to calc-alkaline arc volcanics of the Pemberton Belt |
| MCC | $\begin{aligned} & \text { metamorp } \\ & \text { hic } \end{aligned}$ | pelitic schist, amphibolite, quartzite, phyllite, minor chert, limestone and ultramafic rock | ```metamorphos ed accretionary wedge``` | Poly-metamorphic core of Coast Belt Thrust System; derived from oceanic rocks of Bridge River Complex and overlying Cayoosh Assemblage; tectonically buried and metamorphosed in early Late Cretaceous( $105-90 \mathrm{Ma}$ ) and Late Cretaceous ( $90-84 \mathrm{Ma}$ ) time |
| mK | metamorp hic | biotite-hornblende granodiorite gneiss, biotite-hornblende-quartz diorite gneiss | arc-related plutons | Deformed and metamorphosed pre- and syn-orogenic 1-type plutons of the southeastern Coast Belt, intruded during thrust imbrication and eastward underplating of paleocontinental margin; high-pressure phases record $35-40 \mathrm{~km}$ of crustal thickening |
| mlJ | plutonic | biotite-hornblende quartzdiorite | arc-related plutons | Terrane-stitching calc-alkaline/alkaline l-type plutons; intruded across boundaries of previously amalgamated terranes of the Coast and Intermontane belts; exhumed roots to coeval arc volcanics of the Harrison Lake and Bowen Island groups |
| MPv | volcanic | basaltic andesite, andesite, dacite flows, volcanic breccia, tuff, plagioclase-phyric flows | continental arc volcanics | CREVASSE CRAG COMPLEX: non-marine calc-alkaline continental arc volcanics; part of Pemberton Volcanic Belt, related to eastward subduction of the Farallon Plate; ascent of magmas and eruption of volcanic centers controlled by NE-trending, Miocene faults |
| MSL | metamorp hic | mafic-intermediate-felsic meta-volcanic schist and gneiss, pelite, conglomerate | metamorphos ed island arc assemblage | Thrust nappes in imbricate zone of Coast Belt Thrust System; protolith wholly or in part derived from Peninsula and Billhook Creek formations; metamorphosed in early Late Cretaceous ( $84-105 \mathrm{Ma}$ ). |
| MST | metamorp hic | pelite, garnet-biotite, staurolite, kyanite and sillimanite schist, amphibolite, meta-pillow basalt, siliceous schist, phyllite, meta-sandstone | metamorphos <br> ed <br> accretionary <br> wedge | Poly-metamorphic core of Coast Belt Thrust System; derived from oceanic rocks of Bridge River Complex and overlying Cayoosh Assemblage; tectonically buried and metamorphosed in early Late Cretaceous( $105-90 \mathrm{Ma}$ ) and Late Cretaceous ( $90-84 \mathrm{Ma}$ ) time |
| PTr | plutonic / metamorp hic | diorite, amphibolite | island arc | Undivided Permian-Triassic plutons and metamorphosed equivalents; spatially associated with (possibly basement to) Late Triassic plutons and volcanics of the Mount Lytton Complex-Nicola arc, and Late Triassic volcanics of the Lillooet Lake Assemblage |
| Q | $\begin{aligned} & \text { sedimenta } \\ & \text { ry } \end{aligned}$ | sand, silt, gravel, till | glacial/fluvial/l acustrine | Undivided surficial deposits including; glacial drift, alluvium, glaciofluvial-lacustrine sediments, till, colluvium, landslide deposits |
| TrL | volcanic | basalt-andesite flows, breccia, tuff, carbonate | island arc | Island arc tholeiites; green to purple, commonly amygdaloidal, pillowed and massive volcanic flows, flow breccia and tuff, may include lenses of Carboniferous limestone; stratigraphically overlain by Late Triassic clastics; basement to Harrison Lake arc |

## DEPOSIT TYPES

The Rogers Creek Property is being explored for porphyry style copper-gold-molybdenum mineralization associated with Miocene aged intrusive rocks within the Cascade Magmatic Arc. Sinclair (2007) provides a thorough review of geological settings within which economic porphyry-class deposits, or deposits associated with porphyry-class deposits, may be expected to occur. These are summarized in Figure 7 and Figure 8.


Calc-alkaline volcanic arc island / continental arc
$\square$ Continental crust
$\square$ Oceanic plate

## - Bimodal, basalt-rhyolite volcanism

$\Delta$ Felsic volcanism (leucogranites)
Rogers Creek setting (with transpression)

Figure 7: Tectonic settings of porphyry deposits (Sinclair, 2007).


Figure 8: Schematic section through a porphyry Cu system and associated mineralization (Sinclair, 2007).

The geology and tectonic setting of the Rogers Creek Property bears a compelling similarity to the continental arc environment presented by Sinclair (2007) for giant porphyry style and associated deposits. Exploration requires identifying alteration and mineralization zonation patterns and syn-magmatic structures that may have controlled emplacement of the intrusive bodies and focussed migration of mineralizing fluids. Porphyry deposits are large low grade deposits characterised by disseminated sulfides within pervasively altered host rock making them an excellent target for IP geophysical surveys.

## 7 EXPLORATION PROGRAM 2011

## DRILLING

A $1,024.39 \mathrm{~m}$ drill program was carried out in the summer 2010 on the Rogers Creek property.
The program started on July $14^{\text {th }}, 2010$ and ended on July $30^{\text {th }}, 2010$. The company responsible for performing the drilling operation was Blackhawk Drilling from Smithers, BC. Miocene Metals Limited provided a 3-4 person staff for core logging, sampling and logistics. Blackhawk had 4 people on the ground including 2 drillers and 2 helpers working 12 hour shifts. Lizzie Bay Logging of Pemberton, BC supported the maintenance and service on the Rogers Creek Forest Service Road by providing an excavator and a grader including operators.. The core was transported from the drill-site to the Miocene Metals Limited core logging site, which was located $4-8 \mathrm{~km}$ to the south-west along the Rogers Creek Forest Service Road from the drill-sites. Here the core was measured, logged and marked for sampling, then cut and bagged; upon completion of each hole the samples were transported to ALS Chemex in Vancouver by Miocene Metals Limited personnel for assaying.

Figure 9: Drill Hole Location Plan


In total, 2 drill holes were drilled:
MRC-001: 582.32m length
MRC-002: 442.07m length

Drill core sampling was controlled by alteration, lithology and mineralization, with a maximum sample length of 2.0 m . All pervasive phyllic-altered rock intervals and parts of propylitic-altered portions were sampled. All drill core samples were split with a diamond saw. Half of the core was submitted to the lab for analysis and the other half was retained as a representative sample or for possible re-sampling. Every effort was taken to ensure that the sample sent to the lab was representative of the entire section of core; however, due to nugget effects it is not guaranteed that an assay could be repeated.

## RESULTS

The following section presents details about the holes drilled and associated results:
MRC-001
This hole targeted a deep IP anomaly discovered after doing a 3D inversion on the geophysical data collected in 2009 as well as a zone of potassic alteration with associated copper mineralization found in bedrock mapping in 2009.

The first 300 meters of MRC-001 was apparently barren in Copper, Gold, Molybdenum, Silver, and Lead. Inversely there are heavily elevated Arsenic values through this interval. The hole was collared within a polymict breccia and stayed in it until 45 m depth before transitioning into an andesite. The fault was located within the andesite and was breached at approximately 55 meters and was 3 meters wide. The hole returns back into a breccia from 72 to 244 meters with porphyritic units from 87 to 93 , and 97 to 99 meters and a basaltic andesite sill or dike from 119 to 131 meters, and basalt from 210 to 214 meters. The remainder of the hole from 244 to 582 meters consisted of intercalated breccia and andesite with minor tuffaceous units. There is a heavily clay altered and hydrothermally deteriorated shear zone located from 319.12 to 319.72 meters. This is the approximate location where element enrichments begin to be very apparent. From this point on there is a $200-300 \%$ increase in potassium and Thallium as well as significant increases in Copper, Gold, and Lead. Details of metal distribution are shown in Figure 10.


| MRC-001 <br> Au_ppm vs Depth_m |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 |
| 200 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 400 納 |  |  |  |  |  |  |
| 0 | \% |  |  |  | $\bigcirc$ |  |
| 600 - $\diamond$ |  |  |  |  |  |  |








Figure 10: Distribution of $\mathrm{Cu}, \mathrm{Au}, \mathrm{Mo}, \mathrm{As}, \mathrm{Bi}, \mathrm{Pb}, \mathrm{K}$, and Tl with depth of MRC-001.


Figure 11: Distribution of $\mathrm{Cu}, \mathrm{Au}, \mathrm{Mo}, \mathrm{Ag}, \mathrm{Bi}, \mathrm{Pb}, \mathrm{W}$, and Sb with depth of MRC-002.

The hole targeted an open ended gold in soil anomaly associated with a major structure located at Target II. The hole was collared within granodiorite and stayed in it until 56 m depth before transitioning into an andesite and gneiss until 84 meters depth. From 84 to 442 meters the hole stayed within a quartz dioritic unit that was logged and separated into various zones and had small intercalated andesite and porphyritic units throughout. Two major zones were assayed from 150 to 200 meters and 350 to 400 meters. It is a Quartz Diorite from 150 to 200 meters that is somewhat foliated and shows minor mineralization and fractures and lower assayed metal values. On the other hand, the Quartz Diorite assayed from 350 to 388 and 390 to 400 meters had a higher percentage of mineralization that is fracture and vein controlled. There was a carbonate altered porphyritic unit from 388 to 390 meters that showed peaks in metal values during assaying. Details of metal distribution are shown in Figure 11

- Drill hole MRC-001 is mineralized from 300 meters onward along selected intervals with a marked increase down hole up to maximum values of $610 \mathrm{ppm} \mathrm{Cu}, 21.7 \mathrm{ppm} \mathrm{Mo}, 0.4 \mathrm{ppm} \mathrm{Au}, 478 \mathrm{ppm}$ Sb , and $12,550 \mathrm{ppm} \mathrm{Pb}$.
- Drill hole MRC-002 shows marked element enrichments down hole up to maximum values of 309 ppm Cu, 10 ppm Mo , and 0.3 ppm Au .


## Cost of the Program

Direct drilling cost amounts to $\$ 126,244.26$ while the appurtenant preparation and analysis of drill core samples amounts to $\$ 13,510.84$.

## 8 CONCLUSIONS AND RECOMMENDATIONS

## Conclusions

Though drilling did not intercept significant mineralization, the geological , structural and alteration and mineralization characteristics disclosed on the drill hole provided a good vectoring tool for follow-up drilling on the succeeding season.

## Recommendations

It is recommended the recently obtained drill hole datasets be integrated with previously obtained projectwide datasets in order to locate and define better mineralized target particularly with respect to structural loci of mineralization which could be site of:

- More conducive (hydrous magma-related) intrusive
- Better permeability along intersection of arc-normal and arc parallel structures.


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# APPENDIX A: STATEMENT OF QUALIFICATIONS OF JOSE SAYO GARCIA, P. GEO 

I, Jose Sayo Garcia, of Unit 213-15380 102 A Avenue, City of Surrey, in the Province of British Columbia, DO HEREBY CERTIFY:

1) THAT I am the Vice President for Exploration of Miocene Metals Limited with office at Suite 3101281 West Georgia St., Vancouver, BC V6E 3J7
2) THAT I am a graduate of the University of the Philippines with a Bachelor of Science degree in Geology in 1978, and a registered geologist in the Philippines with License number 0575 issued by the Philippine professional Regulation Commission.
3) THAT I am a Professional Geologist registered (\#35362) in good standing with the Association of Professional Engineers and Geoscientists of British Columbia;
4) That I conducted the data compilation and review for the 2010 Drilling Program for Miocene Metals Limited Rogers Creek Project which is the subject of this assessment report.
5) THAT this report pertaining Miocene Metals Limited Shulaps properties, excluding sections explicitly noted as extracted from other reports, and excluding the Appendices B-F was written by myself.

DATED at Vancouver, British Columbia, this $26^{\text {th }}$ day of October, 2011


Miocene Metals Limited
B.

## APPENDIX B: Diamond Drill Logs



| Deviation Tests |  |  |  |  |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance | Azimuth | Dip | Type | Good | Comments |  |
| 0.00 | 315.00 | -60.00 | C | $\boxed{V}$ |  |  |
|  |  |  |  |  |  |  |

## LITHOLOGY REPORT

## - Detailed -

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline Hole Number \& MRC-001 \& Project: ROGERS_CREEK \& \& \& \& \& Project Number: \& 677 \& \& \& \\
\hline \begin{tabular}{l}
From \\
(m)
\end{tabular} \& \begin{tabular}{l}
To \\
(m)
\end{tabular} \& Lithology \& Sample \# \& From \& To \& Length \& \begin{tabular}{l}
\(A u\) \\
(g/t)
\end{tabular} \& \[
\begin{gathered}
\text { Pt } \\
(g / t)
\end{gathered}
\] \& \[
\begin{aligned}
\& P d \\
\& (g / t)
\end{aligned}
\] \& \[
\begin{aligned}
\& \mathrm{Ni} \\
\& (\%)
\end{aligned}
\] \& Cu
(\%) \\
\hline 0.00 \& 33.54 \& CAS
CASING
Overburden \& \& \& \& \& \& \& \& \& \\
\hline 33.54 \& 44.88 \& BX Sudbury Breccia : \& J924284 \& 33.54 \& 35.00 \& 1.46 \& - \& - \& - \& - \& - \\
\hline \& \& \begin{tabular}{l}
BRECCIA \\
Polymict Breccia, light grey, granular matrix with granodiorite, quartz diorite and quartzofeldspathic clasts. There are only minor visible sulfides.
\end{tabular} \& J924283

$J 924282$ \& 35.00
36.88 \& 36.88
38.88 \& 1.88
2.00 \& - \& - \& - \& - \& - <br>
\hline \& \& \& J924281 \& 38.88 \& 40.88 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline \& \& \& J924280 \& 40.88 \& 42.88 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline \& \& \& J924279 \& 42.88 \& 44.88 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline 44.88 \& 54.88 \& ANDS Sudbury Breccia : \& J924278 \& 44.88 \& 46.88 \& 2.00 \& - \& - \& - \& - \& - <br>

\hline \& \& | ANDESITE |
| :--- |
| Same as 57.97 to 72.6 meters. There is some hydrothermal carbonate breccia between 51 and 52 meters. | \& J924277 \& 46.88 \& 48.88 \& 2.00 \& - \& - \& - \& - \& - <br>

\hline \& \& Near surface Oxidation beginning to appear in this unit. Up to $0.25 \%$ disseminated sulfide throughout and up to \& J924276 \& 48.88 \& 50.88 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline \& \& 0.75\% locally. \& J924275 \& 50.88 \& 52.88 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline \& \& \& J924274 \& 52.88 \& 54.88 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline 54.88 \& 57.97 \& FLT Sudbury Breccia : \& J924273 \& 54.88 \& 57.97 \& 3.09 \& - \& - \& - \& - \& - <br>

\hline \& \& | FAULT |
| :--- |
| A 3.09 m fault run with very little recovery. The rock that is still there is fine grained, bleached, altered and has a lot of secondary pyrite. | \& \& \& \& \& \& \& \& \& <br>

\hline 57.97 \& 72.60 \& ANDS Sudbury Breccia : \& J924272 \& 57.97 \& 60.60 \& 2.63 \& - \& - \& - \& - \& - <br>

\hline \& \& | ANDESITE |
| :--- |
| UNSURE of rock type. Appears to be a broken up andesitic sill or dyke thatis dark grey, fine grained with dark | \& J924271 \& 60.60 \& 62.60 \& 2.00 \& - \& - \& - \& - \& - <br>

\hline \& \& greenish black hornblende/pyroxene? However the unit is slightly to moderately magnetic on a local scale. \& J924270 \& 62.60 \& 64.60 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline \& \& Throughout and is soft and has a lot of carbonate alteration throughout it. There are $\sim 0.25 \%$ pyrite throughout the unit. Upper contact is a fault with a lot of lost core. \& J924269 \& 64.60 \& 66.60 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline \& \& \& J924268 \& 66.60 \& 68.60 \& 2.00 \& - \& - \& - \& - \& - <br>
\hline
\end{tabular}

## LITHOLOGY REPORT

## - Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | To | Length | $A u$ <br> (g/t) | $\begin{gathered} \text { Pt } \\ (g / t) \end{gathered}$ | $\begin{aligned} & \text { Pd } \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\mathrm{Cu}$ (\%) |
|  |  |  | J924267 | 68.60 | 70.60 | 2.00 | - | - | - | - | - |
|  |  |  | J924266 | 70.60 | 72.60 | 2.00 | - | - | - | - | - |
| 72.60 | 78.60 | BX Sudbury Breccia : | J924265 | 72.60 | 74.60 | 2.00 | - | - | - | - | - |
|  |  | BRECCIA | J924264 | 74.60 | 76.60 | 2.00 | - | - | - | - | - |
|  |  | sulfides, mainly pyrite with chalcopyrite throughout the unit. The entire upper 3 meters is crumbly and breaks easy. | J924263 | 76.60 | 78.60 | 2.00 | - | - | - | - | - |
| 78.60 | 84.40 | CLAY Sudbury Breccia : | J924262 | 78.60 | 80.60 | 2.00 | - | - | - | - | - |
|  |  | CLAY | J924261 | 80.60 | 81.40 | 0.80 | - | - | - | - | - |
|  |  | sulfides throughout probably in the range of $>1 \%$ pyrite. There will most likely be gold hits in this interval as well | J924260 | 81.40 | 83.40 | 2.00 | - | - | - | - | - |
|  |  | as a few meters above and below. | J924259 | 83.40 | 85.40 | 2.00 | - | - | - | - | - |
| 84.40 | 87.40 | BX Sudbury Breccia : | J924258 | 85.40 | 87.40 | 2.00 | - | - | - | - | - |
|  |  | BRECCIA <br> Same as 99 to 108.15 meters. |  |  |  |  |  |  |  |  |  |
| 87.40 | 93.40 | PORP Sudbury Breccia : | J924257 | 87.40 | 89.40 | 2.00 | - | - | - | - | - |
|  |  | PORPHYRY <br> BRECCIATED Intermediate to nearly crowded porphyry. Unsure if this is a megaclast with later minor | J924256 | 89.40 | 91.40 | 2.00 | - | - | - | - | - |
|  |  | brecciation and infiltration or the actual host rock to the breccia? The matrix is fine grained, dark grey and there are $2-3 \mathrm{~mm}$ wide porphyroblasts that have been altered to carbonate. There are minor sulfides, pyrite, but they appear to be rimming clasts and not within the porphyry itself. | J924255 | 91.40 | 93.40 | 2.00 | - | - | - | - | - |
| 93.40 | 97.40 | BX Sudbury Breccia : | J924254 | 93.40 | 95.40 | 2.00 | - | - | - | - | - |
|  |  | BRECCIA <br> Same as 99 to 108.15 meters. | J924253 | 95.40 | 97.40 | 2.00 | - | - | - | - | - |

## LITHOLOGY REPORT

## - Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | то | Length | $A u$ (g/t) | $\begin{gathered} \text { Pt } \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{gathered} \mathrm{Ni} \\ \text { (\%) } \end{gathered}$ | $\mathrm{Cu}$ (\%) |
| 97.40 | 99.00 | PORP <br> Sudbury Breccia : <br> PORPHYRY <br> UNSURE. It may be a large raft of partially brecciated, intermediately crowded porphyry? Dark grey, fine grained matrix with equigranular grains approximately $2-3 \mathrm{~mm}$ in size which are now carbonate. The carbonitization would brobably explain why the crystals are not euhedral. There appears to be a fine dusting of sulfides throughout but am unsure, it is very difficult to tell. | J924252 | 97.40 | 99.00 | 1.60 | - | - | - | - | - |
| 99.00 | 108.15 | BX <br> Sudbury Breccia : <br> BRECCIA <br> Monomict, in-situ jigsaw breccia with pale milky green clasts up to 30 cm in size that appear to possibly be porphyritic. The matrix is reddish brown and is probably hematite overprinting. There are sulfides throughout. Up to $0.75 \%$ pyrite with minor chalcopyrite? The matrix may be dark as well because of fine sulfides throughout it and rimming the clasts. The lower contact to the other breccia unit is completely destroyed and crumbly hosting a lot of clays for at least 1 meter into it. | J924251 <br> J924250 <br> J924249 <br> J924248 <br> J924247 | 99.00 <br> 100.15 <br> 102.15 <br> 104.15 <br> 106.15 | $\begin{aligned} & 100.15 \\ & 102.15 \\ & 104.15 \\ & 106.15 \\ & 108.15 \end{aligned}$ | $\begin{aligned} & 1.15 \\ & 2.00 \\ & 2.00 \\ & 2.00 \\ & 2.00 \end{aligned}$ | - - - - - | - - - - - | - - - - - | - - - - - | - - - - - |
| 108.15 | 119.00 | BRECCIA <br> Same breccia as 131.40 to 139.40 meters. There is heavy clay alteration between 115 and 121 meters as well as near the contact to the upper monomict breccia from $\sim 108$ to 110 meters. | J924246 <br> J924245 <br> J924244 <br> J924243 <br> J924242 | 108.15 <br> 111.00 <br> 113.00 <br> 115.00 <br> 117.00 | $\begin{aligned} & 111.00 \\ & 113.00 \\ & 115.00 \\ & 117.00 \\ & 119.00 \end{aligned}$ | $\begin{aligned} & 2.85 \\ & 2.00 \\ & 2.00 \\ & 2.00 \\ & 2.00 \end{aligned}$ | - | - - - - - | - - - - - | - | - - - - - |
| 119.00 | 131.40 | BASAND <br> Sudbury Breccia : <br> BASALTIC ANDESITE <br> Dyke or Sill, with a -60 dip on DDH and a 50dtca orientation of contact and no oriented core, it could be either or?? Fine grained, dark brownish black, soft with $1-2 \mathrm{~mm}$ carbonate nodules throughout up to $7 \%$ of the unit. No visible sulfides. The lower contact is at $\sim 50$ dtca. | $\begin{gathered} \mathrm{J} 924241 \\ \mathrm{~J} 924240 \\ \mathrm{~J} 924239 \\ \hline \mathrm{~J} 924238 \\ \mathrm{~J} 924237 \\ \mathrm{~J} 924236 \end{gathered}$ | 119.00 <br> 121.00 <br> 123.00 <br> 125.00 <br> 127.00 <br> 129.00 | $\begin{aligned} & 121.00 \\ & 123.00 \\ & 125.00 \\ & 127.00 \\ & 129.00 \\ & 131.40 \end{aligned}$ | $\begin{aligned} & 2.00 \\ & 2.00 \\ & 2.00 \\ & 2.00 \\ & 2.00 \\ & 2.40 \end{aligned}$ | - | - | - - - - - - | - | - - - - - - |

# LITHOLOGY REPORT 

- Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | $\begin{aligned} & \text { To } \\ & \text { ( } m \text { ) } \end{aligned}$ | Lithology | Sample \# | From | To | Length | $A u$ $(g / t)$ | $\begin{gathered} P t \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\mathrm{Cu}$ (\%) |
| 131.40 | 139.40 | BX Sudbury Breccia : | J924235 | 131.40 | 133.40 | 2.00 | - | - | - | - | - |
|  |  | BRECCIA <br> Dark steel grey breccia, definite change from the pale milky green breccia below. Sharp increase in mineralization as well from the breccia below. There is disseminated and fracture controlled pyrite+/chalcopyrite up to $0.5 \%$ locally and probably about 0.2 to $0.3 \%$ overall. There are a high number of fracture filling veinlets of various types and orientations. There are veinlets of quartz, anhydrite/gypsum, and a dark black coloroed veinlet. Some have alteration halos and some don't. There is fracture filling pyrite+chalcopyrite as well as disseminations throughout. There are also a couple spots with a milky white matrix that looks late stage hydrothermal, in-situ brecciation, secondary after initial brecciation. The clast composition is mainly smaller clasts of quartz diorite and granodiorite with a couple larger clasts up to 8 cm in size. This breccia is most likely the same breccia as below but it has been completely cooked up and altered by the dyke above and late stage fluids dropped out sulfides. The upper contact is approximately 50 dtca. | J924234 | 133.40 | 135.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924233 | 135.40 | 137.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924232 | 137.40 | 139.40 | 2.00 | - | - | - | - | - |
| 139.40 | 210.00 | BX <br> Sudbury Breccia : <br> BRECCIA <br> Same breccia as below basalt sill/dyke but not as altered. There are a couple anhydrite? And carbonate fragments approximately $3-6 \mathrm{~cm}$ in length and 2 cm in width at 206 meters, pictures were taken. There is varying degrees of dark red hematite overprinting throughout as well as a few large clasts of the same dull green porphyry clasts as below. Only minor sulfides were observed. It is moderately to heavily broken and clay altered from 174 to 188 meters. There are a lot of greenish porphyry clasts throughout the unit. Only minor sulfides have been observed. There is a hematite+Anhydrite/gypsum? Zone of alteration from 148.20 to 148.70 meters with small blebs and minor disseminations of pyrite surrounding it within 3-4 meters of either side. Hematite from 151 to 154 meters. The upper contact to the altered and mineralized breccia is crumb | J924231 | 139.40 | 142.00 | 2.60 | - | - | - | - | - |
|  |  |  | J924230 | 142.00 | 144.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924229 | 144.00 | 146.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924228 | 146.00 | 148.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924227 | 148.00 | 150.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924226 | 150.00 | 152.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924225 | 152.00 | 154.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924224 | 154.00 | 156.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924223 | 156.00 | 158.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924222 | 158.00 | 160.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924221 | 160.00 | 162.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924220 | 162.00 | 164.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924219 | 164.00 | 166.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924218 | 166.00 | 168.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924217 | 168.00 | 170.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924216 | 170.00 | 172.00 | 2.00 | - | - | - | - | - |

## LITHOLOGY REPORT

- Detailed -



# LITHOLOGY REPORT 

## - Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | To | Length | $A u$ <br> (g/t) | $\begin{gathered} \text { Pt } \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | Cu (\%) |
| 214.40 | 243.70 | BX Sudbury Breccia : | J924194 | 214.40 | 216.70 | 2.30 | - | - | - | - | - |
|  |  | BRECCIA <br> Typical breccia that has been seen below the ANDS unit below. There are large clasts and hematite alteration of the breccia matrix from 235.20 to 236.20 meters. From 232.80 to 235.20 the breccia is finer grained with less that $5 \%$ clasts over 1 cm and no visible sulfides or alteration. The breccia from 214.40 to 232.80 is $85-90 \%$ large clasts with the matrix being small grunular clasts as well. This zone is heavily altered by hematite and the clasts are stained a dull green to varying degrees throughout the unit. The clasts are stained dull green or bleached by a mily cream colored green especially where hematite alteration is most intense. Most of the clasts are granodiorite, quartz diorite and porphyry. The upper contact is at 50 dtca . | J924193 | 216.70 | 218.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924192 | 218.70 | 220.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924191 | 220.70 | 222.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924190 | 222.70 | 224.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924189 | 224.70 | 226.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924188 | 226.70 | 228.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924187 | 228.70 | 230.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924186 | 230.70 | 232.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924185 | 232.70 | 233.70 | 1.00 | - | - | - | - | - |
|  |  |  | J924184 | 233.70 | 235.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924183 | 235.70 | 237.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924182 | 237.70 | 239.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924181 | 239.70 | 241.70 | 2.00 | - | - | - | - | - |
|  |  |  | J924180 | 241.70 | 243.70 | 2.00 | - | - | - | - | - |
| 243.70 | 245.70 | ANDS Sudbury Breccia : | J924179 | 243.70 | 245.70 | 2.00 | - | - | - | - | - |
|  |  | ANDESITE <br> Same unit as below at 249 to 266 meters. |  |  |  |  |  |  |  |  |  |
| 245.70 | 249.00 | BX Sudbury Breccia : | J924178 | 245.70 | 247.70 | 2.00 | - | - | - | - | - |
|  |  | BRECCIA <br> This is a small altered unit of breccia between 2 andesitic? Sills or dykes. The clasts in it are mostly porphyritic and are pervasively tinted green. Some clasts have a milky whitish pink halo around them and minor sulfides. Pictures of some of these clasts were taken. The upper contact is at 50 dtca while the lower is at 40 dtca and are quite distinct with the nearby breccia matrix appearing to be infiltrated by the andesite. This may be caused by intrusion of the andesite syn- or early post formation of the breccia. This breccia unit is probably a large block that broke off the roof of the sill and sat in the middle or was moved from another spot. | J924177 | 247.70 | 249.00 | 1.30 | - | - | - | - | - |

## LITHOLOGY REPORT

- Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | To | Length | $A u$ <br> (g/t) | $\begin{gathered} \text { Pt } \\ (g / t) \end{gathered}$ | Pd $(g / t)$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\underset{(0)}{\mathrm{Cu}}$ |
| 249.00 | 266.06 | ANDS Sudbury Breccia : | J924176 | 249.00 | 250.06 | 1.06 | - | - | - | - | - |
|  |  | ANDESITE <br> UNSURE OF ROCKTYPE!! If I saw this in Sudbury, I would think it was fine grained QD with only minor clasts. It is fg, granular and grey to dark grey in color. It has a minor amount of small clasts in it that were probably ripped from the brecciated wallrock. There are also large fragments of the surrounding breccia in it with porphyritic clasts. Most of the smaller 1 mm to 1 cm sized clasts are quartz or granitoid. The fragments only make up approximately $3-5 \%$ of the unit. | J924175 | 250.06 | 252.06 | 2.00 | - | - | - | - | - |
|  |  |  | J924174 | 252.06 | 254.06 | 2.00 | - | - | - | - | - |
|  |  |  | J924173 | 254.06 | 256.06 | 2.00 | - | - | - | - | - |
|  |  |  | J924172 | 256.06 | 258.06 | 2.00 | - | - | - | - | - |
|  |  |  | J924171 | 258.06 | 260.06 | 2.00 | - | - | - | - | - |
|  |  |  | J924170 | 260.06 | 262.06 | 2.00 | - | - | - | - | - |
|  |  |  | J924169 | 262.06 | 264.06 | 2.00 | - | - | - | - | - |
|  |  |  | J924168 | 264.06 | 266.06 | 2.00 | - | - | - | - | - |
| 266.06 | 273.22 | BX Sudbury Breccia : | $J 924167$ | 266.06 | 267.22 | 1.16 | - | - | - | - | - |
|  |  | BRECCIA <br> Same breccia as 275 meters. Has a lot of porphyritic clasts up to 25 cm in size and probably constituting $40 \%$ of the clasts. The porphyry clasts matrix appear to be all pervasively tinted green. | J924166 | 267.22 | 269.22 | 2.00 | - | - | - | - | - |
|  |  |  | J924165 | 269.22 | 271.22 | 2.00 | - | - | - | - | - |
|  |  |  | J924164 | 271.22 | 273.22 | 2.00 | - | - | - | - | - |
| 273.22 | 273.72 | BASAND Sudbury Breccia : | J924163 | 273.22 | 273.72 | 0.50 | - | - | - | - | - |
|  |  | BASALTIC ANDESITE <br> Dark grey to black, very fine grained with carbonate 1-2mm nodules throughout. Probably a thin sill or dyke that cooked up and altered the surrounding breccia. The lower contact is indistinguishable for getting an orientation but the upper contact is separated from the overlying breccia by an anhydrite veinltet at approximately 20 dtca. |  |  |  |  |  |  |  |  |  |
| 273.72 | 319.12 | BX <br> Sudbury Breccia : <br> BRECCIA <br> Appears to be the same breccia as below the shear with the same clast compositions including milky green colored/bleached porphyry clasts up to 60 cm in size with an intermediate crowding texture. There are zones of hematite alteration from 301 to 302 meters. There is some minor mineralization up to $0.1 \% \mathrm{py}+/$-cpy throughout most of the unit, however there is $\sim 3-4 \%$ blebby and remobilized chalcopyrite and pyrite within the outer rim of a 40 sm clast and some disseminations in the surrounding matrix from 290.90 to 291.40 meters. The mineralized clast has a dark brown, very fine grained siliceous? Core and a lighter greyish green 2 cm outer rim. There are numerous crosscutting milky white 1 mm wide veinlets of possibly anhydrite? They do not effervesce and they vary in orientation from 35 to 75 dtca . | J924162 | 273.72 | 276.12 | 2.40 | - | - | - | - | - |
|  |  |  | J924161 | 276.12 | 278.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924160 | 278.12 | 280.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924159 | 280.12 | 282.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924158 | 282.12 | 284.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924157 | 284.12 | 286.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924156 | 286.12 | 288.12 | 2.00 | - | - | - | - | - |

## LITHOLOGY REPORT

## - Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From (m) | $\begin{aligned} & \text { To } \\ & \text { (m) } \end{aligned}$ | Lithology | Sample \# | From | To | Length | $A u$ <br> (g/t) | $\begin{gathered} P t \\ (g / t) \end{gathered}$ | $\begin{aligned} & \text { Pd } \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\begin{aligned} & \mathrm{Cu} \\ & (\%) \end{aligned}$ |
|  |  |  | J924155 | 288.12 | 290.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924154 | 290.12 | 292.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924153 | 292.12 | 294.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924152 | 294.12 | 296.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924151 | 296.12 | 298.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924150 | 298.12 | 300.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924149 | 300.12 | 302.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924148 | 302.12 | 304.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924147 | 304.12 | 306.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924146 | 306.12 | 308.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924145 | 308.12 | 310.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924144 | 310.12 | 312.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924143 | 312.12 | 314.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924142 | 314.12 | 316.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924141 | 316.12 | 318.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924140 | 318.12 | 319.12 | 1.00 | - | - | - | - | - |
| 319.12 | 319.72 | SHEAR Sudbury Breccia : | J924139 | 319.12 | 319.72 | 0.60 | - | - | - | - | - |
|  |  | SHEAR <br> Unsure if if is just a small dyke but it is heavily altered with clasy and is very soft and appears somewhat foliated and has a few boudined carbonate lenses in it. The competent part of it is very fine grained and jet black with minor carbonate nodules. Contact orientations can not be determined. The breccia on either side of it is extremely clay altered and hydrothermally deteriorated. |  |  |  |  |  |  |  |  |  |
| 319.72 | 341.72 | BX Sudbury Breccia : | J924138 | 319.72 | 321.72 | 2.00 | - | - | - | - | - |
|  |  | BRECCIA <br> Same breccia as interval from 364 to 395 meters. There are patches of heavy clay alteration of the breccia | J924137 | 321.72 | 323.72 | 2.00 | - | - | - | - | - |
|  |  | matrix from 339.50 to 341.72 and from 319.72 to 320.72 with weaker clay alteration from approximately 330 to | J924136 | 323.72 | 325.72 | 2.00 | - | - | - | - | - |
|  |  | 339.5 meters. Several Plag Porphyry megaclasts up to 20 cm in size near upper contact. | J924135 | 325.72 | 327.72 | 2.00 | - | - | - | - | - |
|  |  |  | J924134 | 327.72 | 329.72 | 2.00 | - | - | - | - | - |
|  |  |  | J924133 | 329.72 | 331.72 | 2.00 | - | - | - | - | - |


| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | To | Length | $A u$ $(g / t)$ | $\begin{gathered} \text { Pt } \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\begin{aligned} & \mathrm{Cu} \\ & (\%) \end{aligned}$ |
|  |  |  | J924132 | 331.72 | 333.72 | 2.00 | - | - | - | - | - |
|  |  |  | J924131 | 333.72 | 335.72 | 2.00 | - | - | - | - | - |
|  |  |  | J924130 | 335.72 | 337.72 | 2.00 | - | - | - | - | - |
|  |  |  | J924129 | 337.72 | 339.72 | 2.00 | - | - | - | - | - |
|  |  |  | J924128 | 339.72 | 341.72 | 2.00 | - | - | - | - | - |
| 341.72 | 344.10 | ANDS Sudbury Breccia : | J924127 | 341.72 | 343.10 | 1.38 | - | - | - | - | - |
|  |  | ANDESITE <br> Fg, greyish green volcanic I think. Could possibly be a lamprophyre dyke but unsure. It is mafic either way. Has approximately $7-8 \%$ small, $1-2 \mathrm{~mm}$, white granules throughout it that appear to be a carbonate of some sort. The lower contact is at 20 dtca while theupper is 30 dtca . There are no visible sulfides. | J924126 | 343.10 | 344.10 | 1.00 | - | - | - | - | - |
| 344.10 | 363.10 | BX <br> Sudbury Breccia : | J924125 | 344.10 | 345.10 | 1.00 | - | - | - | - | - |
|  |  | BRECCIA | J924124 | 345.10 | 347.10 | 2.00 | - | - | - | - | - |
|  |  | what appears to be a slight potassic alteration zone at 361 meters. There are only minor disseminated sulfides | J924123 | 347.10 | 349.10 | 2.00 | - | - | - | - | - |
|  |  | in this unit. Heavy hematite infill alteration of the breccia matrix from 347 to 357 meters with some greenish bleaching of porphyritic clasts in this zone. Minor sulfides through the hematite altered zone as well with a few | J924122 | 349.10 | 351.10 | 2.00 | - | - | - | - | - |
|  |  | small alteration veinlets crosscutting with minor pyrite and chalcopyrite. | J924121 | 351.10 | 353.10 | 2.00 | - | - | - | - | - |
|  |  |  | J924120 | 353.10 | 355.10 | 2.00 | - | - | - | - | - |
|  |  |  | J924119 | 355.10 | 357.10 | 2.00 | - | - | - | - | - |
|  |  |  | J924118 | 357.10 | 359.10 | 2.00 | - | - | - | - | - |
|  |  |  | J924117 | 359.10 | 361.10 | 2.00 | - | - | - | - | - |
|  |  |  | J924116 | 361.10 | 363.10 | 2.00 | - | - | - | - | - |
| 363.10 | 364.75 | ANDS Sudbury Breccia : | J924115 | 363.10 | 364.75 | 1.65 | - | - | - | - | - |
|  |  | ANDESITE <br> Fg, greyish green volcanic I think. Could possibly be a lamprophyre dyke but unsure. It is mafic either way. Has approximately $5 \%$ small, $1-2 \mathrm{~mm}$, white granules throughout it that appear to be a carbonate of some sort. The lower contact is at 25 dtca while theupper is irregular and broken and cannot be determined. There are minor disseminated sulfides throughout which are probably just pyrite. |  |  |  |  |  |  |  |  |  |

## LITHOLOGY REPORT

## - Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | To | Length | $A u$ <br> (g/t) | $\begin{gathered} \text { Pt } \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\begin{aligned} & C u \\ & (\%) \end{aligned}$ |
| 364.75 | 395.80 | BX Sudbury Breccia : | J924114 | 364.75 | 366.40 | 1.65 | - | - | - | - | - |
|  |  | BRECCIA <br> Greyish green breccia with quartz diorite, granodiorite, quartzofeldspathic and porphyritic clasts. The porphyritic clasts appear to be the largest again up to 10 cm in size with all the rest being between 0.5 to 8 cm in size. The contact to the lower andesite is altered and looks possibly cooked up a bit? There are very little sulfides throughout and what is there appears to be pyrite. The breccia has all the common alterations of the other breccias in the hole including bleaching and possibly epidote overprinting with minor zones of weak hematitic matrix overprinting. However, there are very minor late stage alteration veins that hosted the mineralization farther down the hole. There is however a very large alteration vein that has a potassic? Core and a sodic/anhydrite? Halo and pyrite rimming between 378.95 and 379.20 meters at $\sim 15-20$ dtca. Sulfides in that vein interval are $\sim 0.5 \%$ pyrite. At 373 meters there is a molybdenite veinlet approximately $0.25-0.50 \mathrm{~cm}$ in width and at 25-30 dtca with an anhydrite and k -spar alteration halo. | $J 924113$ | 366.40 | 368.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924112 | 368.40 | 370.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924111 | 370.40 | 372.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924110 | 372.40 | 374.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924109 | 374.40 | 376.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924108 | 376.40 | 378.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924107 | 378.40 | 379.40 | 1.00 | - | - | - | - | - |
|  |  |  | J924106 | 379.40 | 380.60 | 1.20 | - | - | - | - | - |
|  |  |  | J924105 | 380.60 | 381.80 | 1.20 | - | - | - | - | - |
|  |  |  | J924104 | 381.80 | 383.80 | 2.00 | - | - | - | - | - |
|  |  |  | J924103 | 383.80 | 385.80 | 2.00 | - | - | - | - | - |
|  |  |  | J924102 | 385.80 | 387.80 | 2.00 | - | - | - | - | - |
|  |  |  | J924101 | 387.80 | 389.80 | 2.00 | - | - | - | - | - |
|  |  |  | J924100 | 389.80 | 391.80 | 2.00 | - | - | - | - | - |
|  |  |  | J924099 | 391.80 | 393.80 | 2.00 | - | - | - | - | - |
|  |  |  | J924098 | 393.80 | 395.80 | 2.00 | - | - | - | - | - |
| 395.80 | 397.50 | ANDS Sudbury Breccia : | J924097 | 395.80 | 397.50 | 1.70 | - | - | - | - | - |
|  |  | ANDESITE <br> Fg, greyish green volcanic I think. Could possibly be a lamprophyre dyke but unsure. It is mafic either way. Has approximately $5 \%$ small, $1-2 \mathrm{~mm}$, white granules throughout it that appear to be a carbonate of some sort. The upper contact is at 35 dtca while the lower is irregular and broken and cannot be determined. There are minor disseminated sulfides throughout which are probably just pyrite. |  |  |  |  |  |  |  |  |  |
| 397.50 | 398.50 | TUFF Sudbury Breccia : | J924096 | 397.50 | 398.50 | 1.00 | - | - | - | - | - |
|  |  | TUFF <br> Some type of volcaniclastic deposit with quartz eyes and possibly pyroxene or amphibole grains as well. The matrix is light greyish green and very fine grained. There are no visible sulfides in it. |  |  |  |  |  |  |  |  |  |

# LITHOLOGY REPORT 

- Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From (m) | To (m) | Lithology | Sample \# | From | To | Length | $A u$ $(g / t)$ | $\begin{gathered} \text { Pt } \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\begin{aligned} & C u \\ & (\%) \end{aligned}$ |
| 398.50 | 402.00 | ANDS Sudbury Breccia : | J924095 | 398.50 | 400.00 | 1.50 | - | - | - | - | - |
|  |  | ANDESITE <br> Fg, greyish green volcanic I think. Could possibly be a lamprophyre dyke but unsure. It is mafic either way. Has approximately $5 \%$ small, $1-2 \mathrm{~mm}$, white granules throughout it that appear to be a carbonate of some sort. The upper contact is at 50 dtca while the lower is at 20 dtca . There are minor disseminated sulfides throughout which are probably just pyrite. | J924094 | 400.00 | 402.00 | 2.00 | - | - | - | - | - |
| 402.00 | 441.82 | BX <br> Polymict breccia with granodiorite, quartz diorite, andesitic and quartzofeldspathic clasts ranging from 2 mm to 5 cm in size. Thjerer are large megaclasts of altered plagioclase intermediately crowded porphyry from 432 meters to 440 meters. Parts of the breccia look like they may almost be a conglomerate or metasedimentary deposit in appearance since the clasts are all $2-3 \mathrm{~mm}$ in size, are sub-rounded and it is clats supported but also appears to become finer grained as you travel up the hole - This may actually be a large crowded porphyry clast that is $\sim 2.5$ meters in size?? There are several areas of creamy whitish green bleaching as well as several crosscutting late stage alteration $c=$ veinlets up to 1 cm wide and between 35 and 50 dtca . There is bleaching from 426.8 to 427.5 meters as well as 425.30 to 425.70 meters and several other smaller zones throughout the unit. There is disseminated pyrite and chalcopyrite throughout the unit as well as several moly $+/$ - chalcopyrite veinlets associated with the late stage alteration veins of quartz and k -spar as well as what could possibly be sphalerite veinlets (Clinton?) associated with some moly. There is hematitic breccia matrix alteration throughout the higher concentrations of mineralization. The mineralization is probably $0.5 \%$ to $0.75 \%$ overall in this unit with a higher concentration between 410 and 420 meters where it may be up to $1.5 \%$ moly and $0.5 \%$ chalcopyrite $+/$ - sphalerite. The upper portion of the unit from 402 to 412 meters also appears to be slightly bleached but it is tinged green so it may be a pervasive epidote alteration caused by the intrusion of the Lamprophyre dyke above? The moly veinlets are at: 1 mm at 408.2 m and $60 \mathrm{dtca}, 3-4 \mathrm{~mm}$ at 414.41 m at 50 dtca , bodinaged 1 mm through a 1 cm alteration vein at 418.68 m and 50 dtca , and a 1 cm wide moly veinlet at 421.0 and 50 dtca. The upper contact to the mafic dyke is irregular and broken and I can't get an orientation from it. | J924093 | 402.00 | 404.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924092 | 404.00 | 406.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924091 | 406.00 | 408.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924090 | 408.00 | 410.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924089 | 410.00 | 412.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924088 | 412.00 | 413.00 | 1.00 | - | - | - | - | - |
|  |  |  | J924087 | 413.00 | 414.00 | 1.00 | - | - | - | - | - |
|  |  |  | J924086 | 414.00 | 415.00 | 1.00 | - | - | - | - | - |
|  |  |  | J924085 | 415.00 | 417.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924084 | 417.00 | 419.00 | 2.00 | - | - | - | - | - |
|  |  |  | J924083 | 419.00 | 420.78 | 1.78 | - | - | - | - | - |
|  |  |  | J924082 | 420.78 | 421.78 | 1.00 | - | - | - | - | - |
|  |  |  | J924081 | 421.78 | 423.78 | 2.00 | - | - | - | - | - |
|  |  |  | J924080 | 423.78 | 425.78 | 2.00 | - | - | - | - | - |
|  |  |  | J924079 | 425.78 | 427.82 | 2.04 | - | - | - | - | - |
|  |  |  | J924078 | 427.82 | 429.82 | 2.00 | - | - | - | - | - |
|  |  |  | J924077 | 429.82 | 431.82 | 2.00 | - | - | - | - | - |
|  |  |  | J924076 | 431.82 | 433.82 | 2.00 | - | - | - | - | - |
|  |  |  | J924075 | 433.82 | 435.82 | 2.00 | - | - | - | - | - |
|  |  |  | J924074 | 435.82 | 437.82 | 2.00 | - | - | - | - | - |
|  |  |  | J924073 | 437.82 | 439.82 | 2.00 | - | - | - | - | - |
|  |  |  | J924072 | 439.82 | 441.82 | 2.00 | - | - | - | - | - |

## LITHOLOGY REPORT

## - Detailed -



## LITHOLOGY REPORT

- Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | To | Length | Au <br> (g/t) | $\begin{gathered} P t \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\begin{aligned} & \mathrm{Cu} \\ & (\%) \end{aligned}$ |
| 489.90 | 545.00 | BX Sudbury Breccia: 2B2 | J924046 | 489.90 | 491.90 | 2.00 | - | - | - | - | - |
|  |  | BRECCIA <br> Polymict, light beige green which is probably an altered version of the Breccia below this interval. There are | J924045 | 491.90 | 493.90 | 2.00 | - | - | - | - | - |
|  |  | varying degrees of hematite matrix infill from $\sim 528$ to 536 meters. Deepest visible moly disseminations occur | J924044 | 493.90 | 496.12 | 2.22 | - | - | - | - | - |
|  |  | at $\sim 532$ meters depth in the hole. Approximately 531 meters is the deepest occurrence of the late stage alteration veinlets that host the moly copy mineralization. The alteralation veinlets appear to be associated with | J924043 | 496.12 | 498.12 | 2.00 | - | - | - | - | - |
|  |  | the overall bleaching and hematite alteration of the core. At 524.80 m is the deepest occurrence of moly and | J924042 | 498.12 | 500.12 | 2.00 | - | - | - | - | - |
|  |  | chalcopyrite as fracture filling with quartz+K-spar+gypsum +carbonate veins and is $\sim 1-2 \mathrm{~mm}$ in width. The largest of the veinlets in this interval is $\sim 510.52 \mathrm{~m}$ and is $\sim 0.25$ to 0.5 cm in width. At $\sim 505.8 \mathrm{~m}$, there are 3,1- | J924041 | 500.12 | 502.12 | 2.00 | - | - | - | - | - |
|  |  | 2 mm wide crosscutting moly+cpy veins at varying angles of 40,50 , and 80 dtca. There is disseminated and | J924040 | 502.12 | 504.12 | 2.00 | - | - | - | - | - |
|  |  | small blebby moly throughout this interval. Sulfide content is highly variable based on veinlet quantity and size but is probably up to $1 \%$ ( $80 \%$ moly and $20 \%$ chalcopyrite). | J924039 | 504.12 | 506.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924038 | 506.12 | 508.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924037 | 508.12 | 510.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924036 | 510.12 | 510.62 | 0.50 | - | - | - | - | - |
|  |  |  | J924035 | 510.62 | 512.62 | 2.00 | - | - | - | - | - |
|  |  |  | J924034 | 512.62 | 514.62 | 2.00 | - | - | - | - | - |
|  |  |  | J924033 | 514.62 | 516.62 | 2.00 | - | - | - | - | - |
|  |  |  | J924032 | 516.62 | 518.62 | 2.00 | - | - | - | - | - |
|  |  |  | J924031 | 518.62 | 520.62 | 2.00 | - | - | - | - | - |
|  |  |  | J924030 | 520.62 | 522.62 | 2.00 | - | - | - | - | - |
|  |  |  | J924029 | 522.62 | 524.62 | 2.00 | - | - | - | - | - |
|  |  |  | J924028 | 524.62 | 525.12 | 0.50 | - | - | - | - | - |
|  |  |  | J924027 | 525.12 | 527.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924026 | 527.12 | 529.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924025 | 529.12 | 531.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924024 | 531.12 | 533.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924023 | 533.12 | 535.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924022 | 535.12 | 537.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924021 | 537.12 | 539.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924020 | 539.12 | 541.12 | 2.00 | - | - | - | - | - |

## LITHOLOGY REPORT

- Detailed -

| Hole Number | MRC-001 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | To <br> (m) | Lithology | Sample \# | From | To | Length | $A u$ $(g / t)$ | $\begin{gathered} P t \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\mathrm{Cu}$ (\%) |
|  |  |  | J924019 | 541.12 | 543.12 | 2.00 | - | - | - | - | - |
|  |  |  | J924018 | 543.12 | 545.12 | 2.00 | - | - | - | - | - |
| 545.00 | 575.40 | BX Sudbury Breccia : | J924017 | 545.12 | 547.40 | 2.28 | - | - | - | - | - |
|  |  | BRECCIA <br> Greyish green polymict breccia. It has numerous clast types and sizes. It appears to be nearly at the clast supported stage with most of the matrix appearing to be made up of small quartzofeldspathic clasts. There are clasts of granodiorite, intermediately crowded plagioclase porphyry, small mafic clasts, feldspar clasts, and quartz clasts. Some clasts also have sulfides within them as disseminations and small veinlets of pyrite. Most clasts are semi-rounded to semi-angular. There is heavy hematite alteration but it appears to be localized to two large 30 cm clasts at $\sim 546.5 \mathrm{~m}$ and 570 m . Between 551 and 554 meters, there are several $10-20 \mathrm{~cm}$ sized intermediately crowded plagioclase porphyry clasts as well as at 545 m and 564 m . Beginning to see small veinlets that are fracture filling with quartz-carbonate-pyrite at approximately 558 meters and above. Overall, there is approximately $0.5 \%$ sulfides in this unit consisting of $90 \%$ pyrite and $10 \%$ chalcopyrite. | J924016 | 547.40 | 549.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924015 | 549.40 | 551.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924014 | 551.40 | 553.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924013 | 553.40 | 555.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924012 | 555.40 | 557.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924011 | 557.40 | 559.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924010 | 559.40 | 561.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924009 | 561.40 | 563.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924008 | 563.40 | 565.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924047 | 565.40 | 567.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924007 | 567.40 | 569.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924006 | 569.40 | 571.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924005 | 571.40 | 573.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924004 | 573.40 | 575.40 | 2.00 | - | - | - | - | - |
| 575.40 | 582.32 | MTV Sudbury Breccia : | J924003 | 575.40 | 577.40 | 2.00 | - | - | - | - | - |
|  |  | METAVOLCANIC <br> Kind of unknown rocktype, possibly a Intermediate Volcanic. It is light grey with some areas of possible plagioclase porphyroblasts. Appears to be very altered, partially by clay and sericite+/-quartz? There is disseminated pyrite throughout, and fracture fillings. There is large coarse grained euhedral pyrite at $\sim 580$ meters, at least $3-4 \mathrm{~cm}$ in size and being terminated against a joint. Contact to upper breccia is irregular and at a low angle of $\sim 25-30 \mathrm{dtca}$ with pyrite $+/$-chalcopyrite rimming the contact. There is probably about $0.2 \%$ pyrite throughout with up to 2-5\% locally over a 10 cm interval. | J924002 | 577.40 | 579.40 | 2.00 | - | - | - | - | - |
|  |  |  | J924001 | 579.40 | 580.32 | 0.92 | - | - | - | - | - |
|  |  |  | J924000 | 580.32 | 582.32 | 2.00 | - | - | - | - | - |

## LITHOLOGY REPORT

- Detailed -

| Hole Number | MRC-001 |  | Project: | ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From (m) | $\begin{aligned} & \text { To } \\ & \text { (m) } \end{aligned}$ | Lithology |  |  | Sample \# | From | To | Length | $A u$ ( $g / t$ ) | $\begin{gathered} P t \\ (g / t) \end{gathered}$ | Pd $(g / t)$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | Cu <br> (\%) |



| Deviation Tests |  |  |  |  |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distance | Azimuth | Dip | Type | Good | Comments |  |
| 0.00 | 225.00 | -45.00 | C | $\checkmark$ |  |  |
|  |  |  |  |  |  |  |

## LITHOLOGY REPORT

- Detailed -

| Hole Number | MRC-002 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From <br> (m) | $\begin{aligned} & \text { To } \\ & \text { (m) } \end{aligned}$ | Lithology | Sample \# | From | To | Length | $A u$ $(g / t)$ | $\begin{gathered} P t \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{aligned} & \mathrm{Ni} \\ & (\%) \end{aligned}$ | $\begin{aligned} & \mathrm{Cu} \\ & (\%) \end{aligned}$ |
| 0.00 | 21.34 | CAS Sudbury Breccia : CASING |  |  |  |  |  |  |  |  |  |
| 21.34 | 56.52 | GRDR <br> Sudbury Breccia : <br> GRANODIORITE <br> Cg , milky white with a very slight pinkish hue in some places, quartz, feldspar, biotite, and magnetite with minor sulfides throughout. It is very magnetic. Very competent rock with very little fracturing, veining, or jointing. There are a couple small $10-20 \mathrm{~cm}$ zones of finer grained material. Some appear to be fine grained versions of the host and some appear to be finer grained quartz diorite. This unit is quite consistent and is non-foliated. From 48 to 56 meters, there is an increase of mafics in the rock up to $\sim 40$ instead of the $20 \%$ through the upper portion of the unit. From $\sim 53.5 \mathrm{~m}$ to the lower contact, there is a high degree of alteration and metamorphism from the andesitic dyke cutting through. There are potassic alteration veins crosscutting in several directions and the core is highly fractured. |  |  |  |  |  |  |  |  |  |
| 56.52 | 60.72 | ANDS <br> Sudbury Breccia : <br> ANDESITE <br> Fine grained, dark grey, andesitic dyke. It is soft and has small sub-millimeter veinlets and nudules that are not carbonates. The upper and lower contacts are sharp and between 50 and 60 dtca . There is also a light chocolate brown band of alteration? At each contact. There are no visible sulfides throughout. Highly magnetic. |  |  |  |  |  |  |  |  |  |
| 60.72 | 84.00 | IGN <br> Sudbury Breccia : <br> INTERMEDIATE GNEISS <br> Medium grained, mily whitish pink to dark steel grey banding. This core is highly foliated and metamorphosed. It has a large amount of magnetite and is highly magnetic. There is minor pyrite+/-pyrrhotite? Throughout. There are numerous qtz-epidote-feldspar filled fractures crosscutting throughout. There is a lot higher amount of mafic banding from 73 to 84 meters where it then appears to grade into a highly foliated mafic to intermediate intrusive quartz diorite. |  |  |  |  |  |  |  |  |  |
| 84.00 | 202.50 | QD <br> Sudbury Breccia : <br> QUARTZ DIORITE <br> Medium grained, dark grey and milky pinkish white, highly foliated. May be just a highly foliated version of the granodiorite at the top of the hole but I am unsure. Most of the foliated magnetite+biotite+/- amphibole bands are oriented at $\sim 60$ dtca. There are several zones throughout that are more mafic and finer grained and have |  |  |  |  |  |  |  |  |  |

# LITHOLOGY REPORT 

## - Detailed -

| Hole Number | MRC-002 | Project: ROGERS_CREEK |  |  |  |  | Project Number: | 677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| From (m) | $\begin{aligned} & \text { To } \\ & \text { (m) } \end{aligned}$ | Lithology | Sample \# | From | To | Length | $A u$ (g/t) | $\begin{gathered} P t \\ (g / t) \end{gathered}$ | $\begin{aligned} & P d \\ & (g / t) \end{aligned}$ | $\begin{gathered} \mathrm{Ni} \\ (\%) \end{gathered}$ | $\begin{aligned} & \mathrm{Cu} \\ & (\%) \end{aligned}$ |
|  |  | quartzofeldspathic veinlets crosscutting along with large blebs of and veinlets of magnetite from 102 to 118 meters. This unit is very hard, (greater than 6.5) and may be silicified. The finer grained portions are also the same hardness. There are large, 1-4 meter wide zones of finer grained portions all throughout from $\sim 143$ meters onward down the hole. These zones appear to be associated with mineralization and late stage stockworking with associated quartz-epidote veins that contain pyrite, chalcopyrite, and molybdenite to varying degrees within the veinlets as well as disseminated throughout the host rock. There is an increase in the number and frequency of the quartz-feldspar-epidote veins with bleached halos from $\sim 190$ meters to 236 Meters, afterwards veining dies off. These veinlets appear to be stockworkings and can number up to 15 per 1 meter section. There are also dark black stockworks throughout as well that are highly magnetic and appear to be magnetite. There appears to be patchy sericite and silicification throughout mainly associated with higher densities of alteration stockwork veining. The percent of mineralization through this large zone is not overly high but is probably up to $0.25 \%$ overall and $0.75 \%$ locally within areas of high veining. At approximately 202.50 meters the Quartz Diorite loses its foliation and becomes normal, it also appears to be a slightly more metallic blue color and a bit finer grained. This may be a separate pulse of the same magma that caused the first pulse to become foliated when the new one was intruded beside it. (Possibly break out into a new unit???). The apparent contact between the 2 intrusions is approximately 30 dtca and is separated by a band of quartz $+/-$ sericite and a bleached halo. |  |  |  |  |  |  |  |  |  |
| 202.50 | 321.08 | QD <br> Sudbury Breccia : <br> QUARTZ DIORITE <br> Take data from above. <br> From ~289 meters to ???? Meters, there is an increase in mineralization, both in frequency and percentage. It also appears to be at least partially, pyrrhotite with pyrite and some chalcopyrite. It also appears to be controlled by late stage alteration veinlets of quartz-carbonate and epidote that are oriented in various directions and angles thropughout and have a bleaching halo around them but the mineralization also occurs as disseminations in the host rock and as fracture controlled veinlets. There is an increase in alteration veinlets starting from 253 meters downwards. |  |  |  |  |  |  |  |  |  |
| 321.08 | 322.17 | BASAND <br> Sudbury Breccia : <br> BASALTIC ANDESITE <br> Very fine grained, dark greyish black, moderately hard but can still be scratched. Mafic dyke or sill, most li8kely a sill based on the high angle of 65 dtca for the contacts and the hole dipping at -60 degrees. It has small submillimeter whitish specs throughout it but they do not effervesce. There are a few fragments of the surrounding quartz diorite wallrock within the sill, a smaller $5-7 \mathrm{~cm}$ long clast at 321.40 meters and a larger raft from 321.66 to 321.86 meters. |  |  |  |  |  |  |  |  |  |
| 322.17 | 388.40 | QD <br> Sudbury Breccia : <br> QUARTZ DIORITE |  |  |  |  |  |  |  |  |  |







C.

## APPENDIX C: Drill Sample Assay Certificates

## minerals

## CERTIFICATE VA10104913

## Project: 677

P.O. No.: 677100005

This report is for 48 Drill Core samples submitted to our lab in Vancouver, 8C, Canada on 3-AUG-2010.
The following have access to data associated with this certificate:

| PEETER ANDERSEN | bRUCE JAGO | ACCOUNTS PAYABLE |
| :--- | :--- | :--- |
| CINTON SMYTH |  |  |

To: WALLBRIDGE MINING COMPANY LTD. ATTN: PETER ANDERSEN
129 FIELDING RD
LIVELY ON P3Y 1 L7

Signature:


Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd
To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y $1 L 7$
Page: 2 - A
2103 Dollarton Hwy
Nancolver BC V7H OA7
Phone: 6049840221 Fax: 6049840218 www.alsglobal.com
Total \# Pages: 3 ( $\mathrm{A}-\mathrm{D}$ )
Plus Appendix Pages Finalized Date: 26-AUG-2010 Account: RLH

Project: 677

| Sample Description | Method Analyte Units LOR | WEEF-21 Recva Wt. kg 0.02 | $\begin{gathered} \mathrm{Au}-\mathrm{ICP21} \\ \mathrm{Au} \\ \mathrm{pprn} \\ \mathrm{O} .001 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Ag } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \text { Al } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { As } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ba} \\ \mathrm{PPm} \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Be } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} M E-M S 61 \\ \mathrm{Bi} \\ \mathrm{ppm} \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ C a \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Cd } \\ \mathrm{ppm} \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ce } \\ \text { Ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Co } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cr } \\ \text { pPm } \\ 1 \end{gathered}$ | ME-MS61 <br> Cs <br> pprr <br> 0.05 | $\begin{gathered} \text { ME-MS61 } \\ \text { Cu } \\ \text { ppm } \\ 0.2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924000 |  | 4.06 | 0.023 | 1.98 | 8.37 | 7.9 | 690 | 1.28 | 2.21 | 0.57 | 1.43 | 30.7 | 16.9 | 37 | 10.10 | 11.7 |
| 1924001 |  | 2.14 | 0.021 | 2.81 | 7.28 | 9.7 | 550 | 1.13 | 3.40 | 1.63 | 1.99 | 31.8 | 16.8 | 28 | 8.35 | 24.4 |
| 1924002 |  | 3.58 | 0.015 | 1.79 | 8.17 | 14.7 | 690 | 1.27 | 2.22 | 1.13 | 1.57 | 31.0 | 14.6 | 31 | 7.64 | 32.8 |
| 1924003 |  | 4.38 | 0.076 | 2.35 | 8.25 | 20.3 | 670 | 0.99 | 1.31 | 0.82 | 0.16 | 30.3 | 16.0 | 38 | 8.25 | 12.4 |
| 1924004 |  | 4.42 | 0.013 | 1.87 | 7.94 | 7.9 | 610 | 0.97 | 0.68 | 2.81 | 1.58 | 27.4 | 13.8 | 36 | 8.91 | 68.3 |
| 1924005 |  | 4.66 | 0,011 | 0.60 | 8.03 | 12.6 | 660 | 0.98 | 0.73 | 2.09 | 0.25 | 28.0 | 10.9 | 41 | 9.78 | 50.5 |
| J924006 |  | 4.60 | 0.009 | 0.60 | 7.63 | 12.5 | 910 | 0,83 | 0.76 | 2.20 | 0.25 | 23.4 | 10.9 | 34 | 7.07 | 89.4 |
| 1924007 |  | 4.82 | 0.012 | 1.04 | 8. 25 | 22.7 | 550 | 0.91 | 1.16 | 2.27 | 0.53 | 25.0 | 14.2 | 43 | 8.61 | 66.4 |
| J924008 |  | 4.52 | 0.012 | 0.80 | 7.93 | 17.2 | 590 | 0.83 | 0.85 | 2.62 | 0.23 | 25.1 | 11.6 | 38 | 7.82 | 75.2 |
| 1924005 |  | 4.32 | 0.007 | 0.51 | 8.25 | 14.1 | 560 | 0.80 | 0.49 | 2.67 | 0.27 | 23.0 | 14.0 | 42 | 7.45 | 36.5 |
| J924010 |  | 4.70 | 0.008 | 0.65 | 8.08 | 14.6 | 520 | 0.87 | 0.55 | 2.67 | 0.29 | 23.4 | 13.2 | 47 | 8.47 | 24.6 |
| 1924011 |  | 4.46 | $0.0+1$ | 0.68 | 8.75 | 12.4 | 550 | 1.04 | 0.54 | 2.27 | 0.30 | 27.5 | 14.0 | 39 | 8.71 | 47.6 |
| 1924012 |  | 4.52 | 0.011 | 0.58 | 8.23 | 17.0 | 4 BO | 0.93 | 0.52 | 2.30 | 0.73 | 25.3 | 12.3 | 52 | 8.39 | 24.8 |
| 1924013 |  | 4.62 | 0.011 | 0.86 | 8.03 | 14.7 | 530 | 0.88 | 0.58 | 2.59 | 1.11 | 21.9 | 12.1 | 45 | 8.01 | 44.5 |
| 1924014 |  | 4.68 | 0.012 | 0.90 | 8.10 | 11.9 | 520 | 0,84 | 0.40 | 2.50 | 0.86 | 20.5 | 12.4 | 41 | 8.30 | 36.9 |
| 1924015 |  | 2.92 | 0.013 | 0.84 | 7.80 | 12.5 | 520 | 0.93 | 0.53 | 2.91 | 1.62 | 21.3 | 12.0 | 37 | 9.02 | 29.1 |
| 1924016 |  | 4.64 | 0.012 | 0.75 | 7.87 | 9.7 | 520 | 0,86 | 0.77 | 2.36 | 0.91 | 22.3 | 12.2 | 40 | 8.19 | 43.1 |
| 1924017 |  | 6.22 | 0.025 | 1.12 | 7.50 | 11.4 | 710 | 0.78 | 0.83 | 2.70 | 0.67 | 25.0 | 10.6 | 24 | 8.81 | 46.5 |
| 1924018 |  | 4.64 | 0.010 | 1.00 | 7.95 | 10.5 | 550 | 0,88 | 0.77 | 2.70 | 1.30 | 24.5 | 10.5 | 29 | 6.52 | 65.2 |
| 1924019 |  | 4.54 | 0.009 | 1.29 | 7.83 | 7.8 | 800 | 0.98 | 0.79 | 2.78 | 1.89 | 22.6 | 10.5 | 33 | 6.98 | 71.0 |
| 1924020 |  | 4.46 | 0.006 | 0.71 | 7.70 | 5.8 | 690 | 1.09 | 0.46 | 2.74 | 1.03 | 26.2 | 10.0 | 34 | 6.81 | 39.1 |
| 1924021 |  | 4.42 | 0.009 | 0.93 | 7.53 | 7.8 | 620 | 0.93 | 0.71 | 2.57 | 1.11 | 22.0 | 6.5 | 28 | 6.82 | 46.4 |
| 1924022 |  | 4.34 | 0.008 | 0.79 | 7.80 | 8.2 | 840 | 1.00 | 0.56 | 2.71 | 2.24 | 27.2 | 11.2 | 24 | 9.06 | 98.2 |
| 1924023 |  | 3.84 | 0.002 | 0.77 | 7.47 | 4.7 | 620 | 0.76 | 0.19 | 3.43 | 2.88 | 26.5 | 10.7 | 19 | 6.84 | 31.9 |
| 1924024 |  | 4.26 | 0.001 | 0.44 | 7.80 | 4.0 | 600 | 0.81 | 0.19 | 3.15 | 2.60 | 27.8 | 8.1 | 18 | 7.14 | 10.1 |
| 1924025 |  | 4.72 | 40.001 | 0.19 | 7.60 | 3.2 | 610 | 0.79 | 0.09 | 3,16 | 2.15 | 26.2 | 5.7 | 17 | 6.81 | 12.3 |
| J924026 |  | 4.76 | 0.029 | 1.16 | 8.00 | 7.1 | 570 | 0.92 | 0.21 | 2.75 | 1.63 | 28.1 | 12.5 | 19 | 8.11 | 38.3 |
| 1924027 |  | 4.34 | 0.010 | 0.35 | 7.49 | 5.0 | 570 | 0.83 | 0.19 | 3.24 | 2.79 | 26.3 | 8.5 | 22 | 7.70 | 28.5 |
| 1924028 |  | 1.74 | 0.400 | 1.09 | 7.55 | 5.0 | 600 | 0.78 | 0.22 | 3.09 | 1.77 | 26.7 | 7.5 | 28 | 6.97 | 151.0 |
| 1924029 |  | 4.50 | 0.020 | 0.74 | 7.36 | 11.4 | 570 | 0.87 | 0.27 | 3.24 | 2.95 | 24.7 | 10.2 | 20 | 7.58 | 51.2 |
| 1924030 |  | 4.56 | $<0.001$ | 0.29 | 7.22 | 3.3 | 570 | 0.76 | 0.19 | 3.15 | 2.70 | 23.1 | 9,0 | 20 | 6.82 | 37.7 |
| 1924031 |  | 4.44 | $<0.001$ | 0.27 | 7.90 | 1.8 | 600 | 0.82 | 0.16 | 3.13 | 3.39 | 28.6 | 9.6 | 18 | 7.62 | 33.0 |
| 1924032 |  | 4.52 | $<0.001$ | 0.20 | 7.69 | 1.8 | 520 | 0.72 | 0.05 | 3.23 | 3.52 | 30.1 | 9.2 | 18 | 7.03 | 5.0 |
| 1924033 |  | 4.30 | 0.007 | 1.15 | 7.37 | 2.1 | 650 | 0.77 | 0.08 | 3.24 | 3.02 | 26.8 | 8.8 | 16 | 6.98 | 22.2 |
| 1924034 |  | 3.54 | 0.006 | 1.68 | 7.81 | 2.3 | 600 | 0.77 | 0.10 | 2.98 | 4.31 | 27.5 | 8.5 | 15 | 8.06 | 93.9 |
| J924035 |  | 4.28 | <0.001 | 1.73 | 7.37 | 3.3 | 710 | 0.74 | 0.10 | 3.15 | 3.72 | 26.4 | 8.4 | 15 | 8.02 | 35.5 |
| 1924036 |  | 1.08 | 0.003 | 5.60 | 7.14 | 3.0 | 460 | 0.75 | 0.08 | 3.09 | 2.43 | 28.1 | 7.5 | 15 | 8.26 | 367 |
| 1924037 |  | 4.54 | $<0.001$ | 2.70 | 6.75 | 3.1 | 440 | 0.70 | 0.66 | 3.20 | 4.23 | 24.5 | 8.2 | 15 | 6.57 | 49.7 |
| 1924038 |  | 4.44 | 0.013 | 11.65 | 7.58 | 9.9 | 470 | 0.71 | 0.74 | 2.73 | 3.47 | 31.7 | 7.6 | 15 | 7.70 | 203 |
| J924038 |  | 3.96 | 0.008 | 3.28 | 7.11 | 1.4 | 580 | 0.66 | 0.36 | 3.10 | 4.57 | 26.0 | 8.9 | 14 | 7.54 | 72.8 |

Project: 677
minerals

| Sample Description | Method <br> Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Fe } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ge } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Hf } \\ \text { PPm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { in } \\ \text { ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { La } \\ \text { ppmi } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Li} \\ \mathrm{ppm} \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ M g \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Mn } \\ \text { Ppm } \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { M } \odot \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Na} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Nb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ni} \\ \mathrm{\rho Pm} \\ \mathrm{O} .2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { P } \\ \text { Ppm } \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924000 |  | 3.91 | 19.40 | 0.15 | 0.3 | 0.083 | 3.01 | 14.5 | 38.9 | 1.58 | 774 | 0.58 | 0.11 | 1.6 | 23.8 | 530 |
| 1924001 |  | 3.86 | 17.50 | 0.18 | 0.4 | 0.114 | 3.07 | 15.4 | 19.4 | 0.89 | 851 | 10.40 | 0.10 | 0.8 | 25.7 | 510 |
| 1924002 |  | 3.52 | 19.10 | 0.14 | 0.6 | 0.082 | 3.29 | 15.1 | 28.8 | 1.40 | 1760 | 2.90 | 0.17 | 1.5 | 21.6 | 580 |
| 1924003 |  | 3.93 | 19.55 | 0.16 | 0.4 | 0.115 | 2.50 | 14.1 | 48.2 | 2.33 | 1730 | 2.80 | 0.75 | 3.1 | 24.6 | 630 |
| 1924004 |  | 3.30 | 20.4 | 0.21 | 0.9 | 0.087 | 2.38 | 12.3 | 45.9 | 1.57 | 1300 | 2.76 | 1.39 | 3.5 | 21.1 | 590 |
| 1924005 |  | 2.81 | 18.10 | 0.15 | 1.1 | 0.080 | 2.41 | 13.4 | 32.2 | 1.21 | 984 | 3.81 | 1.39 | 3.3 | 21.9 | 560 |
| 1924006 |  | 3.03 | 17.90 | 0.15 | 1.0 | 0.085 | 2.11 | 10.8 | 30.5 | 1.32 | 1110 | 3.02 | 1.64 | 3.0 | 19.2 | 580 |
| 1924007 |  | 3.58 | 18.65 | 0,16 | 0.7 | 0.121 | 2.08 | 12.0 | 41.6 | 1.78 | 1180 | 3.93 | 1.68 | 3.2 | 25.3 | 630 |
| 1924008 |  | 3.25 | 18.05 | 0.15 | 1.0 | 0.088 | 2.05 | 11.8 | 35.7 | 1.46 | 1140 | 3.96 | 1.64 | 3.1 | 22.3 | 600 |
| 1924009 |  | 3.45 | 18.70 | 0.17 | 1.0 | 0.074 | 1.98 | 10.6 | 43.4 | 1.49 | 1220 | 1.78 | 2.01 | 3.2 | 24.6 | 630 |
| 1924010 |  | 3.51 | 18.25 | 0,16 | 1.0 | 0.066 | 2.02 | 10.7 | 45.6 | 1,49 | 1250 | 2.25 | 1.78 | 2.9 | 27.6 | 630 |
| 1924011 |  | 3.63 | 19.55 | 0.18 | 0.9 | 0.073 | 2.49 | 13.6 | 51.7 | 1.59 | 1220 | 3.17 | 1.20 | 3.0 | 26.1 | 600 |
| 1924012 |  | 3.42 | 18.10 | 0.17 | 0.9 | 0.069 | 2.40 | 12.2 | 41.8 | 1.48 | 1620 | 2.33 | 1.24 | 2.9 | 30.5 | 600 |
| 1924013 |  | 3.25 | 19.30 | 0.15 | 1.0 | 0.074 | 2.40 | 9.9 | 36.1 | 1.46 | 1430 | 2.41 | 1.53 | 2.9 | 26.1 | 620 |
| 1924014 |  | 3.24 | 17.95 | 0.14 | 1.2 | 0.070 | 2.39 | 9.4 | 32.9 | 1.40 | 1460 | 2.80 | 1.70 | 3.1 | 22.1 | 600 |
| 1924015 |  | 3.21 | 18.05 | 0.16 | 1.0 | 0.065 | 2,39 | 9.4 | 33.1 | 1.40 | 1480 | 3.12 | 1.48 | 3.1 | 23.4 | 600 |
| 1924016 |  | 3.27 | 17.90 | 0.17 | 0.9 | 0.072 | 2.59 | 10.3 | 29.2 | 1.39 | 1760 | 4.05 | 1.23 | 3.2 | 25.6 | 590 |
| 1924017 |  | 2.52 | 17.50 | 0.16 | 1.1 | 0.091 | 3.25 | 12.2 | 10.9 | 0,92 | 2840 | 5.98 | 0.49 | 3.2 | 14.9 | 480 |
| 1924018 |  | 2.98 | 18.35 | 0.17 | 1.1 | 0.063 | 2.70 | 11.6 | 15.7 | 1.17 | 2180 | 4.97 | 1.41 | 3.3 | 19.3 | 550 |
| 1924019 |  | 2.81 | 18.85 | 0.16 | 0.9 | 0,065 | 2.80 | 10.4 | 18.9 | 1.14 | 1600 | 3.93 | 1.31 | 3.2 | 21.7 | 550 |
| 1924020 |  | 2.58 | 17.20 | 0.17 | 1.1 | 0.064 | 2.96 | 12.3 | 16.9 | 0.98 | 1320 | 3.10 | 0.96 | 3.4 | 19.7 | 570 |
| 1924021 |  | 2.45 | 17.50 | 0.15 | 1,2 | 0.080 | 3.01 | 10.1 | 11.3 | 0.92 | 1420 | 4.51 | 1.08 | 3.3 | 15.6 | 520 |
| 1924022 |  | 2.74 | 18.95 | 0.16 | 1.6 | 0.047 | 3.17 | 12.6 | 17.2 | 0.96 | 2520 | 2.68 | 0.89 | 3.3 | 17.1 | 650 |
| 1924023 |  | 2.92 | 18.25 | 0.16 | 1.9 | 0.036 | 3.56 | 12.5 | 11.8 | 1.02 | 4790 | 1.25 | 0.33 | 3.0 | 16.2 | 670 |
| 1924024 |  | 2.87 | 18.75 | 0.17 | 1.9 | 0.044 | 3.74 | 13.1 | 11.2 | 0.95 | 5160 | 0.98 | 0.20 | 3.2 | 14.5 | 700 |
| 1924025 |  | 2.91 | 17.80 | 0.17 | 1.8 | 0.029 | 3.66 | 12.2 | 11.8 | 0.92 | 3740 | 0.41 | 0.33 | 3.1 | 14.4 | 710 |
| 1924026 |  | 3.04 | 19.20 | 0.18 | 1.8 | 0.050 | 3.78 | 13.0 | 10.8 | 0.85 | 4430 | 3.00 | 0.46 | 3.4 | 15.7 | 720 |
| 1924027 |  | 2.84 | 19.35 | 0.17 | 1.7 | 0.042 | 3.59 | 12.2 | 9.7 | 0.94 | 2850 | 4.88 | 0.53 | 3.4 | 15.8 | 680 |
| 1924028 |  | 2.75 | 18.90 | 0.17 | 1.8 | 0.049 | 3.60 | 12.3 | 8.6 | 0.92 | 4810 | 2.22 | 0.44 | 3.2 | 15.0 | 670 |
| 1924029 |  | 2.81 | 17.75 | 0.17 | 1.9 | 0.034 | 3.35 | 11.1 | 10.0 | 0.93 | 2250 | 1.59 | 0.86 | 3.4 | 15.1 | 680 |
| 1924030 |  | 2.73 | 18.50 | 0.16 | 2.3 | 0.033 | 3.24 | 10.2 | 9.3 | 0.94 | 1790 | 1.83 | 0.97 | 3.5 | 14.5 | 690 |
| 1924031 |  | 2.87 | 17.80 | 0.17 | 2.2 | 0.033 | 3.69 | 14.3 | 10.5 | 1.10 | 1700 | 0.71 | 0.28 | 3.2 | 14.1 | 710 |
| 1924032 |  | 2.74 | 17.75 | 0.19 | 2.2 | 0.027 | 3.72 | 14.3 | 6.3 | 1.08 | 3050 | 0.50 | 0.10 | 3.1 | 14.5 | 680 |
| 1924033 |  | 2.69 | 18.65 | 0.17 | 2.1 | 0.031 | 3.75 | 12.3 | 7.3 | 1.00 | 5270 | 0.21 | 0.10 | 3.1 | 13.7 | 720 |
| 1924034 |  | 2.69 | 19.75 | 0.18 | 2.1 | 0.057 | 3.88 | 12.6 | 8.7 | 0.93 | 6060 | 0.34 | 0.10 | 3.2 | 12.9 | 730 |
| 1924035 |  | 2.63 | 18.35 | 0.17 | 2.2 | 0.046 | 3.78 | 12.4 | 8,5 | 0.97 | 5860 | 0.97 | 0.10 | 3.2 | 12.9 | 660 |
| 1924036 |  | 2.75 | 18.05 | 0.15 | 2.0 | 0.114 | 3.87 | 13.4 | 9.5 | 0.90 | 10250 | 1.57 | 0.09 | 3.0 | 13.1 | 640 |
| 1924037 |  | 2.72 | 17.05 | 0.17 | 1.9 | 0,046 | 3.74 | 11.5 | 8.9 | 0.94 | 6850 | 2.45 | 0.07 | 3.0 | 14.5 | 640 |
| 1924038 |  | 2.71 | 17.30 | 0.18 | 1.9 | 0.062 | 3.75 | 18.5 | 9.7 | 0.98 | 8060 | 21.7 | 0.06 | 2.9 | 13.1 | 630 |
| 1924039 |  | 2.72 | 17.50 | 0.17 | 1.9 | 0.042 | 3.72 | 12.5 | 11.7 | 0.97 | 6140 | 5.82 | 0.08 | 3.0 | 13.6 | 660 |

Total \# Pages: 3 (A - D)
Plus Appendix Pages Finalized Date: 26-AUG-2010

Project: 677

## CERTIFICATE OF ANALYSIS VA10104913

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MSB1 } \\ \text { Pb } \\ \mathrm{ppm} \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Rb } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Rc } \\ \text { ppm } \\ 0.002 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { S } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { St } \\ \text { pptil } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sc } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Se } \\ \text { PPm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sn } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sr } \\ \text { Pprn } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ta } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Te} \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Th } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { TI } \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS6 } \dagger \\ \text { TI } \\ \text { Ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { U } \\ \text { Pprn } \\ 0.1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924000 |  | 519 | 98.8 | <0.002 | 2.99 | 4.65 | 14.7 | 6 | 0.8 | 66.5 | 0.15 | 0.92 | 4.8 | 0.280 | 2.60 | 1.3 |
| 1924001 |  | 1290 | 111.5 | D. 005 | 3.88 | 4.27 | 12.7 | 5 | 1.1 | 141.5 | 0.09 | 0.93 | 4.4 | 0.088 | 2.64 | 1.1 |
| 1924002 |  | 470 | 125.0 | 0.005 | 2.08 | 6.78 | 13.3 | 4 | 0.8 | 38.6 | 0.15 | 0.52 | 6.6 | 0.145 | 2.65 | 2.2 |
| 1924003 |  | 389 | 77.8 | 0.002 | 1.31 | 3.60 | 15.1 | 3 | 1.0 | 46.8 | 0.27 | 0.98 | 4.1 | 0.286 | 2.24 | 1.4 |
| 1924004 |  | 111.5 | 78.3 | 0.004 | 0.93 | 8.96 | 15.3 | 3 | 1.2 | 181.5 | 0.29 | 0.24 | 4.1 | 0.276 | 1.66 | 1.6 |
| 1924005 |  | 61.6 | 79,1 | 0.004 | 1.25 | 3.70 | 11.6 | 2 | 1.0 | 180.0 | 0.25 | 0.24 | 4.8 | 0.238 | 1.55 | 2.2 |
| 1924006 |  | 53.0 | 61.9 | 0.004 | 1.22 | 7.26 | 11.5 | 2 | 1.2 | 228 | 0.22 | 0.21 | 4.7 | 0.245 | 1.44 | 1.9 |
| 1924007 |  | 159.5 | 62.0 | 0.008 | 2.01 | 11.25 | 14.7 | 2 | 1.1 | 234 | 0.23 | 0.36 | 3.6 | 0.312 | 1.86 | 1.3 |
| 1924008 |  | 74.7 | 68.2 | 0.004 | 1.37 | 8. 14 | 12.9 | 2 | 1.1 | 211 | 0.23 | 0.27 | 4.8 | 0.263 | 1.55 | 2.1 |
| 1924009 |  | 37.7 | 65,6 | 0.002 | 1.01 | 4.36 | 13.8 | 1 | 0.0 | 212 | 0.23 | 0.16 | 3.7 | 0.295 | 1.28 | 1.7 |
| 1924010 |  | 62.2 | 64.3 | 0.003 | 1.15 | 4.21 | 13.5 | 2 | 1.0 | 218 | 0.23 | 0.19 | 3.7 | 0.275 | 1.32 | 1.7 |
| 1924011 |  | 79.1 | 93.5 | 0.004 | 1.40 | 4.55 | 14.3 | 2 | 1.0 | 224 | 0.24 | 0.20 | 4.7 | 0.275 | 1.60 | 2.0 |
| 1924012 |  | 117.5 | 88.8 | 0.006 | 1.17 | 4.30 | 14.1 | 2 | 0.9 | 135.0 | 0.21 | 0.18 | 4.0 | 0.280 | 1.58 | 1.7 |
| 1924013 |  | 101.5 | 71.2 | 0.003 | 1.24 | 6.60 | 13.2 | 2 | 1.0 | 223 | 0.22 | 0.20 | 3.6 | 0.255 | 1.53 | 1.7 |
| 1924014 |  | 84.1 | 77.0 | 0.003 | 0.81 | 7.31 | 12.5 | 1 | 1.0 | 172.0 | 0.25 | 0.15 | 4.4 | 0.260 | 1.58 | 2.1 |
| J924015 |  | 89.0 | 70,8 | 0.003 | 1.20 | 5.67 | 12.5 | 2 | 1.1 | 300 | 0.22 | 0.16 | 3.6 | 0.260 | 1.61 | 1.7 |
| 1924016 |  | 139.5 | 86.7 | 0.006 | 1.07 | 4.70 | 13.4 | 2 | 1.2 | 132.5 | 0.24 | 0.18 | 4.4 | 0.274 | 1.63 | 2.0 |
| 1924017 |  | 214 | 118.5 | 0.005 | 0.89 | 7.25 | 8.9 | 1 | 1.2 | 76.1 | 0.27 | 0.13 | 6,2 | 0.195 | 1.94 | 3.4 |
| 1924018 |  | 258 | 96.3 | 0.004 | 0,81 | 6.64 | 10.5 | 1 | 1.2 | 126.0 | 0.27 | 0.11 | 5.9 | 0.222 | 1.56 | 2.8 |
| 1924019 |  | 85.2 | 94,1 | 0.004 | 1.01 | 7.12 | 11.1 | 1 | 1.2 | 168.0 | 0.26 | 0.10 | 5.6 | 0.226 | 1.58 | 2.8 |
| 1924020 |  | 76.7 | 98.1 | 0.003 | 1.11 | 3.79 | 10.6 | 1 | 1.1 | 159.5 | 0.27 | 0.07 | 5.7 | 0.228 | 1.63 | 2.6 |
| 1924021 |  | 94.3 | 102.0 | 0.005 | 0,81 | 4,59 | 9.4 | 1 | 1.1 | 86.3 | 0.28 | 0.09 | 5.6 | 0.209 | 1.70 | 3.0 |
| 1924022 |  | 258 | 117.0 | 0.003 | 0.42 | 4.96 | 10.0 | 1 | 1.0 | 90.1 | 0.28 | 0.05 | 6.8 | 0.228 | 1.76 | 3.3 |
| 1924023 |  | 640 | 127.0 | $<0.002$ | 0.21 | 5.16 | 9.8 | 1 | 0.8 | 49.6 | 0.25 | $<0.05$ | 8.6 | 0.232 | 1.86 | 3.3 |
| 1924024 |  | 544 | 138.0 | <0,002 | 0.13 | 3.89 | 9.8 | 1 | 0.8 | 44.6 | 0.27 | $<0.05$ | 6.9 | 0.251 | 2.08 | 3.4 |
| 1924025 |  | 110.0 | 128.5 | $<0.002$ | 0.08 | 3.15 | 9.6 | 1 | 0.7 | 51.2 | 0.27 | <0.05 | 6.5 | 0.252 | 2.01 | 3.1 |
| 1924026 |  | 378 | 155.5 | $<0.002$ | 0.68 | 5.00 | 10.4 | 1 | 0.8 | 59.3 | 0.28 | 0.13 | 7.1 | 0.258 | 2.09 | 3.8 |
| 1924027 |  | 152.0 | 119.0 | $<0.002$ | 0.28 | 3.37 | 10.2 | 1 | 0.0 | 75.0 | 0.29 | $<0.05$ | 6.2 | 0.259 | 2.02 | 3.2 |
| 1924028 |  | 2120 | 128.5 | $<0.002$ | 0.28 | 8.01 | 10.3 | 1 | 0.8 | 62.8 | 0.28 | $<0.05$ | 6.4 | 0.256 | 2.07 | 3.1 |
| 1924029 |  | 255 | 109.5 | $<0.002$ | 0.31 | 5.18 | 9.8 | 1 | 0.8 | 82.7 | 0.28 | 0.14 | 6.4 | 0.280 | 2.00 | 3.2 |
| 1924030 |  | 216 | 100.5 | $<0.002$ | 0.11 | 3.18 | 9.5 | 1 | 0.8 | 95.8 | 0.29 | $<0.05$ | 6.4 | 0.260 | 1.76 | 3.3 |
| J924031 |  | 195.0 | 133.5 | $<0.002$ | 0.04 | 3.06 | 10.2 | 1 | 0, 8 | 53.9 | 0.28 | $<0.05$ | 7.1 | 0.267 | 1.84 | 3.5 |
| 1924032 |  | 260 | 150.0 | $<0.002$ | 0.03 | 3.50 | 9.3 | 1 | 0.7 | 48.5 | 0.27 | $<0.05$ | 7.4 | 0.245 | 1.83 | 3.5 |
| 1924033 |  | 932 | 128.5 | $<0.002$ | 0.03 | 10.50 | 9.6 | 1 | 0.7 | 56.2 | 0.28 | $<0.05$ | 8.3 | 0.249 | 1.91 | 3.3 |
| 1924034 |  | 778 | 137.0 | <0,002 | 0.05 | 7.72 | 9.7 | 1 | 0.8 | 35.0 | 0.27 | $<0.05$ | 8.6 | 0.254 | 2.12 | 3.4 |
| J924035 |  | 577 | 137.0 | $<0,002$ | 0.04 | 17.60 | 8.6 | 1 | 0.8 | 80.7 | 0.29 | $<0,05$ | 6.6 | 0.249 | 1.99 | 3.5 |
| J 924036 |  | 9360 | 131.5 | $<0.002$ | 0.28 | 19.10 | 8.4 | 1 | 0.8 | 64.2 | 0.26 | $<0.05$ | 6.4 | 0.239 | 1.92 | 3.0 |
| J 924037 |  | 754 | 111.0 | <0,002 | 0.10 | 19.75 | 8.8 | 1 | 0.8 | 40.2 | 0.26 | $<0.05$ | 8.1 | 0.235 | 1.91 | 3.1 |
| 1924038 |  | 1445 | 157.5 | 0.002 | 0.10 | 68.2 | 9.1 | 1 | 0.8 | 45.8 | 0.26 | 0.06 | 7.5 | 0.237 | 1.92 | 3.2 |
| 1924039 |  | 1415 | 121.0 | <0,002 | 0.17 | 5.71 | 8.7 | 1 | 0.7 | 48.3 | 0.26 | $<0.05$ | 6.1 | 0.246 | 1.89 | 3.0 |

***** See Appendix Page for comments regarding this certificate *****

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MSG1 } \\ \text { V } \\ \text { Ppn } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { W } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ Y \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} M E-M 5 E 1 \\ \mathrm{Zn} \\ \mathrm{ppm} \\ 2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Zr } \\ \text { ppm } \\ 0.5 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924000 |  | 106 | 1.0 | 6.3 | 210 | 11.4 |
| 1924001 |  | 92 | 1.3 | 5.8 | 168 | 10.7 |
| 1924002 |  | 97 | 1.6 | 9.9 | 185 | 19.5 |
| J924003 |  | 110 | 2.5 | 8.9 | 250 | 13,8 |
| J824004 |  | 102 | 1.8 | 13.7 | 304 | 29.1 |
| J924005 |  | 93 | 1.4 | 11,4 | 195 | 32.6 |
| 1924006 |  | 93 | 1.5 | 10.4 | 185 | 29.9 |
| 1924007 |  | 114 | 1.5 | 10.8 | 279 | 20.2 |
| J924008 |  | 98 | 1.3 | 11.9 | 214 | 27.4 |
| 1924009 |  | 111 | 1.2 | 11.9 | 255 | 29.4 |
| 1924010 |  | 107 | 1.1 | 11.7 | 267 | 28.0 |
| J924017 |  | 113 | 1.6 | 12.0 | 265 | 23.5 |
| 1924012 |  | 108 | 1.7 | 11.2 | 288 | 25.9 |
| 1924013 |  | 105 | 1.2 | 11.4 | 285 | 29.0 |
| 1924014 |  | 101 | 1.2 | 11.4 | 240 | 32.3 |
| 1924015 |  | 98 | 1.2 | 11.9 | 322 | 27.8 |
| 1924016 |  | 99 | 2.0 | 11.0 | 248 | 27.1 |
| 1924017 |  | 71 | 2.8 | 10.3 | 93 | 31.9 |
| 1924018 |  | B3 | 2.0 | 11.0 | 213 | 31.3 |
| 1924019 |  | 88 | 2.3 | 10.4 | 275 | 26.6 |
| 1924020 |  | 83 | 2.2 | 9.3 | 196 | 33.0 |
| 1924021 |  | 74 | 2.0 | 8.7 | 158 | 33.7 |
| 1924022 |  | 81 | 2.2 | 10.4 | 274 | 48.0 |
| 1924023 |  | 77 | 2.0 | 10.4 | 314 | 61.1 |
| 1924024 |  | 79 | 2.2 | 10.5 | 298 | 59.6 |
| 1924025 |  | 73 | 2.1 | 10.2 | 263 | 54.9 |
| 1924026 |  | 81 | 5.9 | 10.8 | 194 | 55.4 |
| 1924027 |  | 83 | 1.9 | 10.0 | 306 | 51.2 |
| 1924028 |  | 80 | 2.4 | 10.5 | 195 | 51.3 |
| 1924029 |  | 78 | 1.8 | 10.1 | 316 | 59.9 |
| 1924030 |  | 77 | 1.6 | 9.6 | 292 | 72.6 |
| 1924031 |  | 81 | 1.8 | 10.3 | 374 | 68.3 |
| 1924032 |  | 73 | 1.9 | 9.3 | 361 | 69.7 |
| 1924033 |  | 76 | 2.3 | 9.7 | 301 | 66.6 |
| 1924034 |  | 78 | 2.5 | 9.7 | 380 | 67.3 |
| 1924035 |  | 75 | 3.5 | 9.8 | 338 | 66.3 |
| 1924036 |  | 73 | 4.0 | 8.4 | 197 | 69.8 |
| 1924037 |  | 71 | 2.9 | 9.1 | 383 | 67,5 |
| 1924038 |  | 75 | 3.9 | 9.7 | 247 | 85.3 |
| 1924039 |  | 74 | 3.3 | 8.3 | 385 | 69.1 |



Project: 677


Project: 677

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Pb } \\ \text { PPm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Rb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Re } \\ \text { ppm } \\ 0.002 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ s \\ \& \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Sb } \\ \text { ppm } \\ 0.06 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Sc } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Se } \\ \text { Pptn } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sn } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ \text { Sr } \\ \text { ppm } \\ 0,2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ta} \\ \text { ppm } \\ 0,05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Te } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS6? } \\ \text { Th } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{T} 1 \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{T} \mid \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ u \\ \text { ppm } \\ 0.1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924040 |  | 555 | 124,0 | $<0.002$ | 0.08 | 3.04 | 8.9 | 1 | 0,8 | 44.5 | 0.26 | $<0.05$ | 6.3 | 0.254 | 1.95 | 2.9 |
| 1924041 |  | 947 | 135.0 | $<0.002$ | 0.07 | 4.05 | 9.2 | 1 | 0.8 | 35.7 | 0.25 | $<0.05$ | 6.7 | 0.241 | 1.97 | 2.8 |
| J924042 |  | 340 | 148.5 | <0,002 | 0.06 | 2.75 | 9.7 | 1 | 0.8 | 31.6 | 0.26 | $<0.05$ | 7.2 | 0.247 | 2.04 | 3.1 |
| J924043 |  | 2430 | 169.0 | $<0.002$ | 0.10 | 11.45 | 9.5 | 2 | 0.8 | 61.9 | 0.26 | 0.05 | 8.1 | 0.242 | 2.01 | 3.3 |
| 1924044 |  | 413 | 123.5 | $<0.002$ | 0.16 | 3.63 | 8.6 | 1 | 0.6 | 33.0 | 0.27 | <0.05 | 6.5 | 0.236 | 2.06 | 3.0 |
| J924045 |  | 1015 | 152.5 | <0.002 | 0.20 | 4.27 | 9.8 | 1 | 0.7 | 164.5 | 0.26 | $<0.05$ | 7.2 | 0.242 | 2.00 | 3.0 |
| J 924046 |  | 377 | 133.5 | <0,002 | 0.07 | 3.65 | 9.1 | 1 | 0.8 | 33.2 | 0.27 | $<0.05$ | 6.6 | 0.234 | 1,95 | 2.9 |
| J924047 |  | 136.5 | 51.9 | 0,003 | 1.54 | 7.98 | 12.8 | 2 | 1.0 | 244 | 0.21 | 0.37 | 3.6 | 0.276 | 1.59 | 1.4 |

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## 129 FIELDING RD

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Page: 3 - D
Total \# Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 26-AUG-2010 Account: RLH

Project: 677
CERTIFICATE OF ANALYSIS VA10104913

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ V \\ \text { ppm } \\ \mathrm{T} \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { W } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ Y \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Zn } \\ \text { PPm } \\ 2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Zr } \\ \text { Ppm } \\ 0.5 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924040 |  | 77 | 3.7 | 9.6 | 319 | 69.8 |
| 1924041 |  | 76 | 3.2 | 9.4 | 254 | 67.1 |
| 1924042 |  | 78 | 2.8 | 10.3 | 385 | 73.0 |
| 1924043 |  | 77 | 3.8 | 10.4 | 187 | 65.7 |
| J924044 |  | 74 | 2.7 | 8.9 | 578 | 59.1 |
| 1924045 |  | 75 | 3.1 | 10.2 | 212 | 55.3 |
| 1924046 |  | 73 | 2.8 | 9.1 | 252 | 58.7 |
| 1924047 |  | 102 | 1.4 | 8,9 | 222 | 19.8 |

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Page: Appendix 1 Total \# Appendix Pages: 1 Finalized Date: 26-AUG-2010 Account: RLH

Project: 677
CERTIFICATE OF ANALYSIS VA10104913

| Method | CERTIFICATE COMMENTS |
| :--- | :--- |
| ME-MS61 | REE's may not be totally soluble in this method. |

## CERTIFICATE VA10105033

## Project: 677

P.O. No.: 677100006

This report is for 137 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 3-AUG-2010.
The following have access to data associated with this certificate:

| PETER ANDERSEN <br> CLINTON SMYTH | BRUCE JAGO | ACCOUNTS PAYABLE |
| :--- | :--- | :--- |


| SAMPLE PREPARATION |  |  |  |
| :--- | :--- | :---: | :---: |
| ALS CODE | DESCRIPTION |  |  |
| WEI-21 | Received Sample Weight |  |  |
| LOG-22 | Sample login - Rcd w/o BarCode |  |  |
| CRU-31 | Fine crusting $-70 \%<2 \mathrm{~mm}$ |  |  |
| SPL-21 | Split sample - riffle splitter |  |  |
| PUL-32 | Pulverize 1000 g to $85 \%<75$ um |  |  |
| BAG-01 | 日ulk Master for Storage |  |  |
| CRU-QC | Crushing QC Test |  |  |
| PUL-QC | Pulverizing QC Test |  |  |
|  |  |  |  |
|  | ANALYTICAL PROCEDURES |  |  |
| ALS CODE | DESCRIPTION |  |  |
| Au-ICP21 | AL 30g FA ICP-AES Finish |  |  |
| ME-OG62 | Ore Grade Elements - Four Acid |  |  |
| ME-MS61 | 48 element Four acid ICP-MS |  |  |
| Ag-OG62 | Ore Grade Ag - Four Acid |  |  |
| Pb-OG62 | Ore Grade Pb - Four Acid |  |  |

To: WALLBRIDGE MINING COMPANY LTD.
ATTN: PETER ANDERSEN
129 FIELDING RD
LIVELY ON P3Y 1.7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

Total \# Pages: 5 ( $\mathrm{A}-\mathrm{D}$ )

Project: 677
minerals
CERTIFICATE OF ANALYSIS VA10105033

| Sample Description | Methad Analyte Units LOR | WFF-21 <br> Recud Wt. <br> kg <br> 0.02 | $\begin{gathered} \mathrm{Au}-\mid \mathrm{CP} 21 \\ \mathrm{Au} \\ \mathrm{ppm} \\ \mathrm{opm} \\ 0.001 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ag } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { A! } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { AS } \\ \text { Ppin } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ba } \\ \text { ppm } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MSS1 } \\ \text { Be } \\ \text { PPm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { B1 } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSS1 } \\ \text { C } \\ \text { \% } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cd } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ce } \\ \text { ppm } \\ 0.01 \end{gathered}$ | ME-MS61 <br> Co <br> ppm <br> 0.1 | ME-MS61 <br> Cr <br> pprn <br> 1 | ME-MS61 Cs ppm 0.05 | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Cu} \\ \text { Ppm } \\ 0.2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924048 |  | 6.00 | 0.002 | 0.10 | 7.69 | 1.4 | 480 | 1.14 | 0.04 | 3.51 | 2.16 | 30.6 | 10.2 | 17 | 7.76 | 6.3 |
| 1924049 |  | 4.06 | 0.007 | 0.56 | 7.01 | 3.7 | 520 | 1.00 | 0.60 | 2.85 | 1.78 | 23.8 | 9.3 | 26 | 7.32 | 54.6 |
| 1924050 |  | 4.70 | 0.051 | 2.47 | 7.77 | 7.9 | 570 | 0,97 | 0.46 | 2.74 | 2.72 | 29.2 | 12.9 | 34 | 8.38 | 62.2 |
| J82405 $\dagger$ |  | 4.46 | 0.022 | 1.12 | 7.13 | 9.9 | 540 | 0.91 | 0.40 | 2.83 | 2.41 | 23.5 | 11.8 | 34 | 7.79 | 28.5 |
| J924052 |  | 4.32 | 0.011 | 0.80 | 7.26 | 8.3 | 560 | 0.89 | 0.63 | 2.57 | 1.53 | 25.7 | 10.7 | 37 | 7.90 | 46.7 |
| J924053 |  | 4.48 | 0.012 | 0.99 | 7.20 | 10.2 | 740 | 1.09 | 0.43 | 2.62 | 2.17 | 25.0 | 13.0 | 45 | 9.65 | 39.5 |
| 1924054 |  | 5.14 | 0.005 | 0.74 | 7.28 | 8.6 | 530 | 1.00 | 0.47 | 2.28 | 1.43 | 23.0 | 11.0 | 39 | 6.99 | 35,0 |
| J924055 |  | 3.74 | 0.006 | 0.60 | 7.19 | 10.8 | 490 | 0.94 | 0.50 | 2.63 | 1.18 | 18.95 | 10.9 | 44 | 6.72 | 27.2 |
| J924056 |  | 4.84 | 0.004 | 0.52 | 7.50 | 8.2 | 600 | 0.91 | 0.39 | 2.75 | 0.86 | 23.1 | 11.4 | 41 | 6.90 | 18.9 |
| 1924057 |  | 4.30 | 0.004 | 0.57 | 7.48 | 6.4 | 420 | 0.95 | 0.43 | 2.81 | 0.67 | 21.8 | 13.3 | 39 | 7.06 | 43.3 |
| 1924058 |  | 4.06 | 0.012 | 0.81 | 7.03 | 9.6 | 800 | 0.97 | 0.42 | 2.53 | 1.26 | 20.6 | 12.2 | 36 | 7.05 | 35.9 |
| 1924059 |  | 4.32 | 0.009 | 0.78 | 7.72 | 8.3 | 530 | 0.83 | 0.67 | 2.78 | 1.19 | 20.1 | 14.3 | 44 | 7.31 | 20.5 |
| 1924060 |  | 4.38 | 0.011 | 0.61 | 7.33 | 10.3 | 580 | 0.65 | 0.37 | 3.00 | 0.59 | 18.00 | 13.5 | 41 | 7.87 | 46.0 |
| 1924061 |  | 4.52 | 0.011 | 0.65 | 7.72 | 11.6 | 740 | 0.64 | 0.37 | 3.00 | 0.91 | 19.00 | 13.3 | 45 | 8,36 | 40.4 |
| 1924062 |  | 4.60 | 0.015 | 0.83 | 7.85 | 9.4 | 490 | 0.94 | 0.57 | 2.35 | 0.66 | 23.0 | 13.1 | 48 | 11.05 | 36.2 |
| J924063 |  | 4.34 | 0.012 | 0.84 | 7.69 | 9.9 | 560 | 1.04 | 0.55 | 2.04 | 1.41 | 23.2 | 13.0 | 43 | 10.80 | 64.3 |
| 1924064 |  | 4.56 | 0.010 | 0.83 | 8.04 | 11.4 | 530 | 1.02 | 0.49 | 2.08 | 1.49 | 25.8 | 13.2 | 48 | 11.90 | 41.1 |
| 1924065 |  | 4.32 | 0.007 | 0.76 | 7.41 | 10.6 | 560 | 0.87 | 0.51 | 2.22 | 1.68 | 21.7 | 10.0 | 35 | 9.12 | 54.4 |
| J 924066 |  | 4.16 | 0.003 | 0.59 | 7.11 | $\theta .6$ | 560 | 0.74 | 0.48 | 2.70 | 0.86 | 23.6 | 9.7 | 30 | 8.53 | 97.9 |
| 1924067 |  | 3.68 | 0.010 | 4.13 | 6.98 | 7.1 | 170 | 1.09 | 0.58 | 4.00 | 1.16 | 23.9 | 15.5 | 49 | 12.05 | 51.1 |
| 1924068 |  | 4.50 | 0.013 | 1.59 | 7.74 | 10.B | 330 | 0.63 | 0.45 | 3.36 | 0.76 | 22.7 | 20.2 | 103 | 9,84 | 29.3 |
| 1924069 |  | 3.14 | 0.003 | 1.22 | 7.04 | B. 2 | 170 | 0.56 | 0.74 | 4.14 | 0.03 | 19.15 | 17.7 | 50 | 8.29 | 13.6 |
| 1924070 |  | 4.52 | 0.003 | 1.18 | 7.88 | 8.5 | 190 | 0.67 | 0.78 | 4.19 | 0.06 | 27.5 | 16.4 | 75 | 12.95 | 14.8 |
| 1924071 |  | 3.16 | 0.005 | 0,94 | 8.83 | 11.5 | 200 | 0.63 | 0.81 | 4.02 | 0.02 | 17.55 | 17.7 | 48 | 11.90 | 22.3 |
| 1924072 |  | 3.42 | 0.003 | 0.58 | 8.01 | 7.4 | 570 | 0.81 | 0.50 | 1.94 | 0.33 | 26.9 | 14.2 | 54 | 9.92 | 25.6 |
| J924073 |  | 3.58 | 0.002 | 0.49 | 8.30 | 7.8 | 290 | 0.84 | 0.27 | 2.81 | 0.66 | 21.9 | 17.1 | 88 | 9.79 | 20.7 |
| 1924074 |  | 3.42 | 0.001 | 0.61 | 7.80 | 6.1 | 400 | 0.74 | 0.15 | 2.59 | 0.57 | 20.3 | 15.8 | 74 | 8.42 | 32.5 |
| 1924075 |  | 3.30 | 0.004 | 1.34 | 7.68 | 7.6 | 580 | 0,89 | 0.17 | 2.43 | 0.54 | 25.0 | 13.9 | 54 | 11.35 | 22.9 |
| 1924076 |  | 4.06 | 0.009 | 1.64 | 7.75 | 12.4 | 600 | 0.88 | 0.59 | 2.50 | 1.28 | 23.2 | 14.8 | 57 | 10,15 | 28.8 |
| J 924077 |  | 4.24 | 0.003 | 0.68 | 7.72 | 17.7 | 630 | 0.89 | 0.51 | 1.04 | 0.27 | 26.5 | 15.0 | 44 | 10.40 | 17.3 |
| 1924078 |  | 3.92 | 0.006 | 0.61 | 8.02 | 12.5 | 580 | 0.87 | 0.18 | 1.21 | 0.40 | 30.6 | 14.8 | 39 | 12.80 | 9.6 |
| J 924079 |  | 3.92 | 0.018 | 1.07 | 7.73 | 14.5 | 490 | 0.89 | 0.67 | 1.75 | 0.40 | 23.9 | 13.6 | 53 | 11.35 | 21.8 |
| J924080 |  | 4.36 | 0.036 | 1.50 | 7.88 | 8.9 | 380 | 0.61 | 0.35 | 2.81 | 1.31 | 25.2 | 11.0 | 44 | 8.80 | 23.4 |
| 1924081 |  | 4.84 | 0.013 | 3.23 | 7.38 | 11.2 | 400 | 0.74 | 0.39 | 3.28 | 0.79 | 24.9 | 11.5 | 38 | 7.97 | 43.5 |
| 1924082 |  | 2.04 | 0.079 | 52.6 | 7.43 | 36.6 | 410 | 0.77 | 4.58 | 2.42 | 4.71 | 26.6 | 11.6 | 35 | 8.07 | 501 |
| J924083 |  | 3.36 | 0.018 | 1.92 | 7.94 | 10.5 | 460 | 0.76 | 0,41 | 2.92 | 0.50 | 26.0 | 10.9 | 3 B | 8.31 | 18.4 |
| 1924084 |  | 4.42 | 0.015 | 2.79 | 7.95 | 7.3 | 400 | 0.94 | 0.32 | 2.81 | 0.75 | 27.1 | 11.6 | 50 | 8.29 | 29.7 |
| 1924085 |  | 4.44 | 0.016 | >100 | 8.20 | 33.5 | 540 | 1.04 | 0.32 | 2.81 | 7.70 | 33.1 | 11.9 | 48 | 9.53 | 610 |
| J924086 |  | 1.82 | 0.007 | 22.4 | 7.60 | 16.3 | 570 | 0.94 | 0.28 | 2.09 | 3.15 | 31.2 | 7.9 | 50 | 8.22 | 261 |
| 1924087 |  | 1.86 | $<0.001$ | 0.91 | 7.60 | 3.2 | 390 | 0.86 | 0.23 | 2.99 | 4.44 | 26.6 | 12.3 | 51 | 7.42 | 7.8 |

Total \# Pages: 5 ( A - D)
Plus Appendix Pages Finalized Date: 31-AUG-2010

Account: RLH
Project: 677
minerals

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| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Fe } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSD1 } \\ \text { Ge } \\ \text { PPm } \\ 0,05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Hf } \\ \text { PPTm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS6 } 1 \\ \text { In } \\ \text { ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { La } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Li } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mg } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Mn } \\ \text { Ppm } \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MSS } 1 \\ \text { Mo } \\ \text { PPrn } \\ \text { D.05 } \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Na} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Nb } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{Nl} \\ \mathrm{ppm} \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \rho \\ \text { pprn } \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924048 |  | 3.22 | 18.00 | 0.11 | 2.2 | 0.030 | 3,44 | 14.2 | 19.9 | 1.18 | 2110 | 0.57 | 0.78 | 3.3 | 14.2 | 750 |
| 1924049 |  | 2.85 | 16.45 | 0.10 | 1.4 | 0.056 | 3.17 | 10.2 | 11.6 | 1.01 | 1660 | 3.50 | 1.02 | 3.2 | 16.2 | 570 |
| 1924050 |  | 3.31 | 17.45 | 0.12 | 1.5 | 0.066 | 3.51 | 14.2 | 20.4 | 1.16 | 4300 | 2.99 | 0.51 | 3.3 | 19.7 | 590 |
| 1924051 |  | 2.99 | 16.95 | 0.10 | 1.4 | 0.054 | 3.21 | 10.5 | 18.0 | 1.23 | 1800 | 7.32 | 0.79 | 3.2 | 20.4 | 570 |
| 1924052 |  | 3.16 | 16.10 | 0.10 | 1.2 | 0.063 | 2.76 | 12.3 | 18.6 | 1.24 | 1100 | 2.86 | 1.29 | 3.2 | 19.6 | 530 |
| 1924053 |  | 3.23 | 18.05 | 0.10 | 1.3 | 0.088 | 2.65 | 11.1 | 29.0 | 1.34 | 1060 | 2.27 | 1.48 | 3.5 | 24.8 | 570 |
| 1924054 |  | 3.19 | 16.75 | 0.12 | 1.4 | 0.052 | 2.57 | 10.2 | 29.6 | 1.22 | 933 | 2.25 | 1.67 | 3.3 | 21.7 | 560 |
| 1824055 |  | 3.33 | 16.70 | 0.09 | 1.2 | 0.058 | 2.44 | 8.1 | 50.3 | 1.37 | 1270 | 7.38 | 1.66 | 3.1 | 25.0 | 570 |
| 1924056 |  | 3.43 | 17.55 | 0.11 | 1.2 | 0.078 | 2.55 | 10.3 | 40.3 | 1.43 | 1220 | 3.07 | 1.61 | 3.3 | 21.8 | 570 |
| 1924057 |  | 3.39 | 17.80 | 0.12 | 1.1 | 0.102 | 2.18 | 9.8 | 89.8 | 1.84 | 1300 | 1.24 | 1.52 | 3.2 | 28.9 | 820 |
| J824058 |  | 3.28 | 17.30 | 0.10 | 1.2 | 0.065 | 2.50 | 8.9 | 39.3 | 1.41 | 1270 | 3.03 | 1.51 | 3.3 | 21.9 | 560 |
| 1924059 |  | 3.63 | 18.45 | 0.20 | 1.1 | 0.082 | 2.48 | 8.8 | 61.6 | 1.55 | 1330 | 2.75 | 1.78 | 3.3 | 29.0 | 610 |
| 1924060 |  | 3.43 | 19,00 | 0.21 | 1.0 | 0.060 | 2.92 | 7.8 | 34.2 | 1.32 | 2180 | 3.17 | 1.34 | 3.5 | 26.4 | 570 |
| 1924061 |  | 3.63 | 19.35 | 0.20 | 1.0 | 0.070 | 3.16 | 8.4 | 30.8 | 1.44 | 3720 | 2.38 | 1.22 | 3.3 | 24.0 | 580 |
| 1924062 |  | 3.62 | 18.40 | 0.22 | 1.0 | 0.067 | 3.11 | 10.9 | 82.8 | 1.33 | 3490 | 4.48 | 0.85 | 3.1 | 32.3 | 570 |
| 1924063 |  | 3.14 | 17.70 | 0.19 | 1.2 | 0.057 | 2.66 | 10.4 | 31.8 | 1.24 | 1060 | 4.21 | 1.73 | 3.6 | 24.5 | 580 |
| J924064 |  | 3.53 | 17,85 | 0.21 | 1.1 | 0.068 | 2.51 | 11.3 | 40.5 | 1.53 | 1020 | 3.81 | 7.61 | 3.5 | 28.8 | 550 |
| 1924065 |  | 2.87 | 17.85 | 0.20 | 1.2 | 0.067 | 2.65 | 9.8 | 28.8 | 1.35 | 1020 | 6.34 | 1.36 | 3.4 | 21.5 | 510 |
| J924066 |  | 2.94 | 17.05 | 0.21 | 0.9 | 0.059 | 2.70 | 10.6 | 19.6 | 1.31 | 1180 | 9.52 | 1.19 | 3.4 | 16.9 | 470 |
| 1924087 |  | 3.58 | 16.70 | 0.16 | 0.7 | 0.038 | 2.62 | 10.9 | 29.1 | 0.78 | 663 | 7.02 | 0.45 | 3.6 | 27.8 | 540 |
| J824068 |  | 4.40 | 16.35 | 0.18 | 0.8 | 0.040 | 2.25 | 10.3 | 74.2 | 2,38 | 1140 | 3.87 | 1.05 | 3.3 | 84.7 | 620 |
| J924069 |  | 3.73 | 19.25 | 0.21 | 0.5 | 0.021 | 2.94 | 7.9 | 17.2 | 0.32 | 124 | 3.14 | 0.20 | 3.3 | 24.0 | 580 |
| J924070 |  | 4.03 | 19.10 | 0.22 | 0.6 | 0.032 | 2.73 | 12.0 | 41.6 | 0.82 | 217 | 2.05 | 0.27 | 3.4 | 40.9 | 640 |
| 1924071 |  | 3.54 | 17.10 | 0.21 | 0.4 | 0.045 | 2.88 | 7.8 | 12.9 | 0.22 | 896 | 4.54 | 0.21 | 3.0 | 19.9 | 560 |
| 1924072 |  | 3.85 | 19.15 | 0.20 | 0.7 | 0.074 | 2.64 | 12.9 | 66.0 | 1.98 | 2020 | 2.38 | 1.09 | 3.7 | 22.3 | 600 |
| J924073 |  | 4.21 | 19.10 | 0.20 | 0.9 | 0.056 | 1.88 | 9.6 | 93.3 | 2.52 | 1490 | 1.50 | 2.05 | 3.8 | 29.0 | 560 |
| 1924074 |  | 4.05 | 18.35 | 0.20 | 0.8 | 0.051 | 2.02 | 8.7 | 99.5 | 2.24 | 1060 | 1.21 | 1.84 | 3.7 | 20.9 | 570 |
| 1924075 |  | 3.47 | 18.75 | 0.21 | 1.3 | 0.044 | 2.50 | 11.0 | 57.4 | 1.76 | 975 | 1.66 | 1.26 | 4.0 | 34.5 | 670 |
| J924076 |  | 3.59 | 19.10 | 0.22 | 1.2 | 0.078 | 2.82 | 10.2 | 58.5 | 1.59 | 1040 | 5.33 | 1.20 | 4.1 | 33.7 | 690 |
| J 924077 |  | 3.88 | 19.35 | 0.19 | 0.6 | 0.063 | 3.02 | 11.3 | 67.1 | 1.22 | 800 | 2.34 | 0.89 | 4.1 | 23.7 | 670 |
| J924078 |  | 4.03 | 18.85 | 0.21 | 0.4 | 0.051 | 3.02 | 13.7 | 95.9 | 1.33 | 1340 | 1.18 | 0.92 | 4.7 | 22.5 | 730 |
| 1924079 |  | 3.47 | 18.05 | 0.19 | 1.1 | 0.045 | 3.44 | 10.6 | 92.0 | 1.14 | 3840 | 5.67 | 0.18 | 3.4 | 35.3 | 600 |
| J924080 |  | 3.54 | 19.50 | 0.20 | 1.3 | 0.057 | 3.81 | 11.3 | 14.9 | 1.41 | 7830 | 2.65 | 0.14 | 3.5 | 30.0 | 580 |
| 1924081 |  | 3.11 | 18.75 | 0.21 | 1.2 | 0.055 | 3.71 | 11.1 | 15.2 | 1.32 | 4380 | 3.36 | 0.13 | 3.2 | 24.9 | 550 |
| 1924082 |  | 3.44 | 19.00 | 0.19 | 1.6 | 0.106 | 3.55 | 12.6 | 18.0 | 1.08 | 12150 | 4,60 | 0.11 | 3.1 | 22.9 | 510 |
| J 924083 |  | 2.87 | 20.4 | 0.19 | 1.3 | 0.061 | 3.99 | 11.4 | 13.8 | 1.10 | 6470 | 5.11 | 0.12 | 3.4 | 23.3 | 570 |
| 1924084 |  | 3.28 | 19.20 | 0.19 | 1.6 | 0.046 | 3.85 | 12.1 | 16.6 | 1.21 | 6690 | 2.47 | 0.15 | 3.6 | 32.3 | 590 |
| 1924085 |  | 3.28 | 20.3 | 0.20 | 1.6 | 0.045 | 3.91 | 15.7 | 14.1 | 1.25 | 6050 | 5.97 | 0.13 | 3.4 | 29.5 | 590 |
| J924086 |  | 3.14 | 19.10 | 0.18 | 1.6 | 0.048 | 3.82 | 15.6 | 14.9 | 1.04 | 8370 | 0.63 | 0.12 | 3.6 | 26.5 | 540 |
| 1924087 |  | 2.67 | 18.35 | 0.20 | 1.9 | 0.025 | 3.72 | 11.8 | 12.0 | 1.13 | 4360 | 0.18 | 0.18 | 3.8 | 40.1 | 570 |

Total \# Pages: 5 (A - D)

Project: 677
minerals

## CERTIFICATE OF ANALYSIS VA10105033

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Pb } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MSG } 1 \\ \text { Rb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ R e \\ \mathrm{Ppm} \\ 0.002 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ 5 \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sb } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS69 } \\ \text { Sc } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Se } \\ \text { p甲m } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MSS1 } \\ \text { Sn } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { ST } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ta } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Te } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Th } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { MF.-MSE1 } \\ \text { TI } \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS } 61 \\ \quad! \\ \text { PPm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS6 } \uparrow \\ u \\ \text { ppm } \\ 0.1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924048 |  | 106,0 | 125.0 | $<0.002$ | 0.04 | 2.45 | 9.8 | 1 | 0.7 | 109.5 | 0.28 | $<0.05$ | 7.1 | 0.289 | 1.80 | 3.3 |
| 1924049 |  | 94.4 | 102.5 | 0.002 | 0.38 | 2.30 | 9.5 | 2 | 1.0 | 83.1 | 0.27 | 0.07 | 5.7 | 0.243 | 1.52 | 3.0 |
| 1924050 |  | 1095 | 116.5 | $<0.002$ | 0.66 | 4.64 | 10.8 | 2 | 1.0 | 65.4 | 0.27 | 0.14 | 5.7 | 0,257 | 1.73 | 2.6 |
| J 924051 |  | 204 | 105.0 | 0.002 | 0.57 | 4.34 | 10.8 | 2 | 0.9 | 115.0 | 0.27 | 0.09 | 4.8 | 0.263 | 1.80 | 2.3 |
| 1924052 |  | 95.8 | 101.5 | 0.002 | 0.68 | 3.30 | 10.7 | 2 | 1.1 | 129.0 | 0.26 | 0.15 | 6.0 | 0.253 | 1.37 | 2.8 |
| 1924053 |  | 107.5 | 88.8 | 0.002 | 0.86 | 5.32 | 12.8 | 2 | 1.0 | 777 | 0.28 | 0.16 | 4.4 | 0,282 | 1.44 | 2.1 |
| 1924054 |  | 92.2 | 80.4 | $<0,002$ | 0.63 | 4.90 | 11,0 | 2 | 1.0 | 127.5 | 0.28 | 0.13 | 4.9 | 0,266 | 1,38 | 2.2 |
| 1924055 |  | 79.5 | 68.1 | 0.002 | 0.48 | 4.07 | 11.8 | 1 | 0.8 | 118.0 | 0.25 | 0.11 | 3.7 | 0.266 | 1,33 | 1.9 |
| 1924056 |  | 56.3 | 78.7 | 0.004 | 0.58 | 4.91 | 12.0 | 2 | 0.9 | 160.5 | 0.28 | 0.12 | 4.3 | 0.269 | 1.30 | 2.2 |
| J924057 |  | 120.5 | 67.9 | $<0.002$ | 0,52 | 6.78 | 13.3 | 2 | 0.8 | 186.5 | 0.23 | 0.08 | 3.3 | 0.310 | 1.10 | 1.6 |
| 1924058 |  | 110.5 | 69.4 | 0.002 | 0.58 | 4.62 | 11.8 | 2 | 1.0 | 121.5 | 0.26 | 0.13 | 4.0 | 0,268 | 1.32 | 2.1 |
| 1924059 |  | 82.7 | 87.8 | $<0.002$ | 0.72 | 5.35 | 13.2 | 2 | 0.9 | 176.0 | 0.27 | 0.16 | 2.9 | 0.314 | 1.41 | 1.4 |
| 1924060 |  | 117.0 | 79.5 | 0.003 | 0.89 | 5.82 | 11.8 | 2 | 1.1 | 182.0 | 0.27 | 0.16 | 2.8 | 0.297 | 1.68 | 1.5 |
| J924061 |  | 331 | 90.4 | 0.002 | 0.90 | 4.76 | 12.4 | 2 | 0.9 | 163.0 | 0.25 | 0.15 | 3.0 | 0.293 | 1.76 | 1.5 |
| 1924062 |  | 223 | 114.0 | 0.004 | 0.83 | 4.01 | 12.7 | 2 | 1.0 | 83.0 | 0.25 | 0.18 | 3.8 | 0.291 | 1.87 | 1.8 |
| J924063 |  | 148.0 | 81.9 | 0.004 | 1.05 | 3.95 | 11.6 | 3 | 1.0 | 154.0 | 0.31 | 0.20 | 4.9 | 0.275 | 1.59 | 2.4 |
| 1924064 |  | 133.5 | 82.2 | 0.005 | 1.03 | 3,36 | 12.4 | 2 | 1.1 | 181.5 | 0.30 | 0.21 | 5.1 | 0.271 | 1.62 | 2.3 |
| 1924065 |  | 100,0 | 77.6 | 0.003 | 0.71 | 3.74 | 9.8 | 2 | 0.8 | 122,0 | 0.30 | 0.15 | 5.1 | 0.230 | 1.68 | 2.5 |
| 1924066 |  | 31.3 | 82.1 | 0.005 | 0.88 | 4.19 | 8.6 | 2 | 1.2 | 171.0 | 0.30 | 0.11 | 6.8 | 0.210 | 1,58 | 3.1 |
| 1924067 |  | 145.0 | 72.0 | 0.005 | 5.54 | 3.62 | 11.2 | 5 | 1.0 | 277 | 0.24 | 0.85 | 3.0 | 0.285 | 1.43 | 1.4 |
| 1924068 |  | 134.0 | 61.9 | 0.005 | 3.43 | 3.45 | 14.2 | 4 | 0.9 | 302 | 0.22 | 0.29 | 2.4 | 0.335 | 1.22 | 1.0 |
| 1924069 |  | 53.8 | 50.4 | 0.004 | 6,87 | 2.13 | 12.0 | 6 | 0.9 | 316 | 0.23 | 0.31 | 2.3 | 0.270 | 1.33 | 0.8 |
| 1924070 |  | 54.6 | 61.6 | 0.004 | 6.41 | 2.38 | 13.0 | 5 | 1.0 | 311 | 0,24 | 0.79 | 2.5 | 0.304 | 1.30 | 1.0 |
| 1924071 |  | 32.1 | 62.0 | 0.010 | 6.52 | 2.00 | 11.5 | 5 | 1.1 | 469 | 0.21 | 0.79 | 2.3 | 0.263 | 1.43 | 1.0 |
| 1924072 |  | 46.2 | 95.7 | 0.002 | 1,36 | 2.85 | 15.1 | 2 | 1.1 | 139.0 | 0.27 | 0.18 | 3.3 | 0.336 | 1.51 | 1.3 |
| J924073 |  | 63.9 | 67.3 | <0.002 | 0.55 | 3.67 | 19.4 | 2 | 0.9 | 238 | 0.25 | 0.09 | 1.9 | 0.382 | 1.29 | 0.8 |
| J924074 |  | 37.3 | 60.6 | 0.002 | 0.43 | 3.27 | 16.8 | 2 | 1.0 | 205 | 0.25 | $<0.05$ | 2.0 | 0.377 | 1.23 | 0.7 |
| 1924075 |  | 58.8 | 78.9 | $<0.002$ | 1.50 | 3.66 | 12.5 | 2 | 0.7 | 135.5 | 0.27 | 0.13 | 2.4 | 0.316 | 1.40 | 1.1 |
| J924076 |  | 172.5 | 87.1 | 0.012 | 1.83 | 6.04 | 13.0 | 2 | 1.2 | 134.5 | 0.26 | 0.18 | 2.3 | 0.324 | 1.79 | 1.0 |
| 1924077 |  | 74.2 | 103.5 | 0.008 | 2.63 | 3.28 | 14.5 | 3 | 1.0 | 64.9 | 0.28 | 0.49 | 3.2 | 0.346 | 1.82 | 1.2 |
| J924078 |  | 32.5 | 108.5 | 0.005 | 2.32 | 2.25 | 15.0 | 2 | 0.9 | 67.7 | 0.30 | 0.23 | 2.7 | 0.395 | 1.73 | 0.9 |
| 1924079 |  | 44.8 | 124.5 | 0.016 | 1.87 | 5.23 | 11.9 | 2 | 1.1 | 110.0 | 0.28 | 0.26 | 4.4 | 0.269 | 2.15 | 1.9 |
| 1924080 |  | 331 | 155.5 | 0.004 | 0.84 | 10.25 | 12.0 | 2 | 1.1 | 75.5 | 0.27 | 0.12 | 5.1 | 0.267 | 2.20 | 2.2 |
| 1924081 |  | 281 | 127.0 | 0.004 | 0.94 | 15.80 | 10.5 | 2 | 1.1 | 102.5 | 0.26 | 0.12 | 4.2 | 0.247 | 2.14 | 2.0 |
| 1924082 |  | $>10000$ | 159.5 | 0.009 | 1.12 | 247 | 11.1 | 2 | 1.3 | 76.3 | 0.25 | 0.12 | 5.4 | 0,246 | 2.06 | 2.5 |
| 1924083 |  | 226 | 136.5 | 0.004 | 0.78 | 7.39 | 10.7 | 2 | 1.1 | 101.5 | 0.28 | 0.14 | 4.8 | 0.252 | 2.29 | 2.6 |
| 1924084 |  | 769 | 151.5 | 0.008 | 0.86 | 12.75 | 11.5 | 3 | 1.4 | 52.4 | 0.30 | 0.14 | 5.3 | 0.252 | 2.31 | 2.6 |
| 1924085 |  | 1810 | 171.5 | 0.005 | 0.63 | 478 | 12.7 | 2 | 1.2 | 45.9 | 0.28 | 0.12 | 5.6 | 0.262 | 2.26 | 2.5 |
| 1924086 |  | 5130 | 169.5 | $<0.002$ | 0.21 | 138.0 | 10.0 | 2 | 0.9 | 41.6 | 0.30 | $<0.05$ | 5.4 | 0.235 | 2.29 | 2.3 |
| 1924087 |  | 405 | 132.0 | <0.002 | 0.07 | 7.22 | 10.2 | 1 | 0.7 | 57.1 | 0.32 | $<0.05$ | 4.7 | 0.237 | 2.17 | 2.5 |

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Total \# Pages: 5 (A - D)
Plus Appendix Pages

Project: 677
CERTIFICATE OF ANALYSIS VA10105033

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MSB1 } \\ \mathrm{V} \\ \text { PPm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ W \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSS1 } \\ Y \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Zn } \\ \text { ppm } \\ 2 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ Z_{r} \\ \text { PPm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \mathrm{Ag}-\mathrm{OG} 62 \\ \mathrm{Ag} \\ \mathrm{PPm} \\ 1 \end{gathered}$ | $\begin{gathered} \text { Pb-0G62 } \\ \text { Pb } \\ \% \\ 0.001 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924048 |  | 80 | 1.9 | 11.2 | 372 | 71.7 |  |  |
| 3924049 |  | 74 | 2.2 | 10.4 | 236 | 45.8 |  |  |
| \$924050 |  | 85 | 2.6 | 10.8 | 264 | 46.9 |  |  |
| 3924051 |  | 84 | 1.9 | 10.3 | 286 | 44.6 |  |  |
| 1924052 |  | 83 | 1.8 | 11.6 | 241 | 36.1 |  |  |
| J924053 |  | 94 | 1.6 | 11.5 | 327 | 40.1 |  |  |
| 1924054 |  | 85 | 1.4 | 10.6 | 283 | 42.0 |  |  |
| 1924055 |  | 86 | 1.5 | 9.8 | 277 | 36.7 |  |  |
| 1924056 |  | 90 | 1.4 | 11.0 | 250 | 37.3 |  |  |
| 1924057 |  | 104 | 2.0 | 10.4 | 275 | 35.2 |  |  |
| 192405 |  | 88 | 1.6 | 10.6 | 313 | 36.3 |  |  |
| 1924059 |  | 112 | 1.9 | 9.8 | 325 | 29.0 |  |  |
| 1924060 |  | 99 | 2.4 | 9.5 | 180 | 30.5 |  |  |
| 1924061 |  | 105 | 2.7 | 9.3 | 184 | 26.7 |  |  |
| 1924062 |  | 101 | 3.1 | 10.3 | 168 | 26.2 |  |  |
| 1924063 |  | 92 | 1.9 | 9.6 | 264 | 35.9 |  |  |
| 1924064 |  | 95 | 1.8 | 11.0 | 318 | 30.9 |  |  |
| 1924065 |  | 79 | 1.5 | 10.4 | 290 | 33.0 |  |  |
| J924066 |  | 71 | 1.6 | 10.0 | 158 | 25.1 |  |  |
| J924067 |  | 98 | 25.4 | 7.1 | 125 | 20.9 |  |  |
| J924068 |  | 122 | 1.1 | 9.2 | 262 | 26.8 |  |  |
| 1924069 |  | 120 | 0.6 | 6.B | 26 | 14.0 |  |  |
| 1924070 |  | 123 | 0.9 | 7.1 | 76 | 18.9 |  |  |
| 1924071 |  | 112 | 1.2 | 6.4 | 15 | 12.1 |  |  |
| 1924072 |  | 120 | 1.3 | 9.8 | 220 | 18.9 |  |  |
| 1924073 |  | 138 | 0.8 | 13.0 | 319 | 26.2 |  |  |
| 1924074 |  | 135 | 0.6 | 11.7 | 259 | 22.2 |  |  |
| 1924075 |  | 100 | 0.7 | 11.7 | 180 | 39.7 |  |  |
| 1924076 |  | 106 | 0.7 | 10.8 | 237 | 36.9 |  |  |
| 1924077 |  | 115 | 0.9 | 8.2 | 124 | 15.7 |  |  |
| J924078 |  | 128 | 1.2 | 8.4 | 140 | 9.5 |  |  |
| 1924079 |  | 99 | 2.4 | 8.4 | 89 | 33.9 |  |  |
| j924080 |  | 94 | 3.3 | 9.6 | 146 | 42.2 |  |  |
| J924081 |  | 92 | 3.5 | 9.7 | 94 | 36,4 |  |  |
| 1924082 |  | 89 | 4.9 | 9.9 | 158 | 51.3 |  | 1,255 |
| 1924083 |  | 94 | 4.3 | 9.4 | 71 | 38.6 |  |  |
| 1924084 |  | 90 | 3.4 | 9.8 | 89 | 52.2 |  |  |
| 1924085 |  | 97 | 3.5 | 11.0 | 231 | 60.9 | 130 |  |
| 1924086 |  | 82 | 2.0 | 9.0 | 172 | 52.9 |  |  |
| 1924087 |  | 72 | 2.8 | 10.7 | 406 | 62.8 |  |  |

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H OA7
Phone: 604 984 0221 Fax: 604 9B4 0218 Www.alsglobal.com

To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1L7

Project: 677
minerals
CERTIFICATE OF ANALYSIS VA10105033

| Sample Description | Method Analyte Units LOR | WEI-21 <br> kecved Wt. <br> kg <br> 0.02 | $\begin{gathered} \text { AL-ICP21 } \\ \text { Au } \\ \text { ppm } \\ 0.001 \end{gathered}$ | ME-MS61 Ag Ppm 0.01 | ME-MS61 AI \% 0.01 | $\begin{gathered} \text { ME-MS61 } \\ \text { As } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ba} \\ \text { Pprn } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Be } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Bi } \\ \text { Ppm } \\ \text { D.01 } \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ca } \\ \& \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cd } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS6T } \\ \text { Ce } \\ \text { ppm } \\ 0,01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Co } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cr } \\ \text { pprm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { CS } \\ \text { PPI } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Cu } \\ \text { ppm } \\ 0.2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J92408B |  | 2.06 | 0.004 | 3.04 | 7.02 | 6.8 | 850 | 0.88 | 0.14 | 2.67 | 2.93 | 30.4 | 8.8 | 36 | 7.62 | 43.7 |
| J924089 |  | 4.44 | 0,005 | 1.04 | 7.00 | 5.4 | 470 | 0.85 | 0.29 | 2.98 | 2.59 | 23.2 | 10.1 | 39 | 7.80 | 15.9 |
| 1924090 |  | 4.14 | 0.008 | 3.23 | 7.52 | 7.3 | 590 | 0.88 | 0.19 | 2.90 | 4.15 | 26.6 | 9.4 | 47 | 8.10 | 34.3 |
| 1924097 |  | 3.16 | 0.005 | 2.10 | 7.45 | 7.7 | 690 | 0.93 | 0.15 | 3.03 | 3.56 | 28.4 | 10.1 | 43 | 7.70 | 41.7 |
| 1924092 |  | 4.54 | 0.006 | 0.58 | 7.13 | 6.8 | 870 | 0.90 | 0.20 | 2.85 | 3.00 | 20.9 | 9.3 | 44 | 6.54 | 21.1 |
| 1924093 |  | 4.46 | 0.007 | 0.55 | 7.48 | 7.4 | 680 | 0.80 | 0.18 | 2.84 | 4.11 | 22.3 | 9.3 | 49 | 6,66 | 26.0 |
| 1924094 |  | 4.08 | 0.004 | 0.13 | 8.75 | 4.1 | 300 | 1.02 | 0.03 | 5.91 | 0.12 | 29.4 | 30.8 | 161 | 2.02 | 42.7 |
| J924095 |  | 2.98 | $<0.001$ | 0.12 | 8.12 | 2.7 | 330 | 0.78 | 0.10 | 5.06 | 0.11 | 29.9 | 31.7 | 167 | 1.82 | 42.0 |
| 1924096 |  | 2.18 | 0.001 | 0.19 | 6.68 | 4.2 | 440 | 0.59 | 0.15 | 2.06 | 2.93 | 26.3 | 7.2 | 63 | 5.42 | 6.9 |
| 1924097 |  | 3.52 | $<0.001$ | 0.12 | 7.54 | 2.3 | 300 | 0.86 | 0.04 | 3.42 | 0,09 | 30.0 | 27.2 | 167 | 5.27 | 38.9 |
| 1924098 |  | 4.70 | 0.005 | 0.73 | 6.96 | 14.3 | 660 | 0.77 | 0.40 | 2.59 | 1.91 | 25.7 | 12.5 | 52 | 7.96 | 42.4 |
| 1924099 |  | 4.70 | 0.010 | 0,82 | 7.10 | 10.5 | 670 | 0.55 | 0.43 | 2.81 | 1.94 | 21.0 | 10.7 | 48 | 5.39 | 46.1 |
| 1924100 |  | 4.56 | 0.013 | 0,87 | 6.98 | 10.0 | 810 | 0.66 | 0.48 | 2.91 | 2.27 | 23.1 | 13.2 | 42 | 5.35 | 42.6 |
| 1924101 |  | 3.64 | 0.022 | 0,69 | 6.94 | 10.9 | 680 | 0.69 | 0.54 | 2.98 | 2.08 | 23.3 | 11.9 | 41 | 5.64 | 33.2 |
| 1924102 |  | 4.52 | 0.012 | 0.85 | 7.14 | 11.1 | 570 | 0.93 | 0.53 | 2.84 | 1.57 | 25.7 | 12.9 | 42 | 6.76 | 39.5 |
| 1924103 |  | 4.36 | 0.012 | 0,53 | 6.78 | 7.4 | 590 | 0.81 | 0.31 | 2.88 | 1,59 | 22.5 | 11.0 | 47 | 5.99 | 22.5 |
| 1924104 |  | 4.28 | 0.010 | 0.49 | 6.75 | 6.0 | 570 | 0.73 | 0.26 | 2.85 | 1.90 | 23.9 | 11.3 | 46 | 5.84 | 18.4 |
| 1924705 |  | 3,00 | 0.010 | 0.98 | 6.97 | 7.4 | 590 | 0.78 | 0.20 | 2.59 | 2.47 | 25.9 | 9.6 | 45 | 6.10 | 30.8 |
| 1924106 |  | 2.68 | 0.011 | 0.78 | 8.98 | 5.0 | 840 | 0.79 | 0.29 | 2.63 | 2.16 | 25.8 | 12.8 | 48 | 6.66 | 14.2 |
| 1924107 |  | 2.08 | 0.012 | 1.43 | 6.63 | 8.9 | 540 | 0.72 | 0.30 | 3.73 | 2.68 | 31.9 | 19.1 | 35 | 6.84 | 34.5 |
| J924108 |  | 4.66 | 0.011 | 1.04 | 6.74 | 7.1 | 570 | 0.88 | 0.22 | 2.97 | 3.66 | 23.6 | 10.4 | 50 | 6.42 | 22.8 |
| 1924109 |  | 4.16 | 0.010 | 1.74 | 7.01 | 7.2 | 780 | 0.89 | 0.37 | 2.80 | 2.29 | 27.1 | 10.5 | 45 | 7.33 | 27.4 |
| 1924710 |  | 4.42 | 0.013 | 31.3 | 7.20 | 20.5 | 2020 | 0.84 | 0.29 | 2.70 | 3.15 | 28,3 | 9.8 | 44 | 7.35 | 231 |
| J924711 |  | 4.14 | 0.022 | 3.84 | 7.52 | 9.6 | 1070 | 0.92 | 0.47 | 2,37 | 1.00 | 29.1 | 14.1 | 38 | 8.69 | 33.7 |
| 1924712 |  | 4.30 | 0.017 | 4.84 | 7.24 | 9.0 | 730 | 0.86 | 0.54 | 2.79 | 2.26 | 28.3 | 11.2 | 38 | 7.61 | 43.9 |
| 1924113 |  | 4.76 | 0.017 | 2.84 | 7.19 | 9.6 | 640 | 0.80 | 0.63 | 2.95 | 3.92 | 27.9 | 12.1 | 38 | 7.85 | 41.5 |
| 1924114 |  | 3.54 | 0.014 | 3.49 | 7.44 | 18.4 | 710 | 0.78 | 0.62 | 2.88 | 3.53 | 27.2 | 11.9 | 37 | 7.89 | 43.9 |
| J 244115 |  | 3.42 | 0.003 | 0.30 | 7.78 | 7.1 | 370 | 0.90 | 0.08 | 4.69 | 0.11 | 28.0 | 27.1 | 139 | 9.06 | 38.7 |
| J924116 |  | 4.48 | 0.009 | 4.23 | 7.72 | 12.0 | 1090 | 0.76 | 0.81 | 2.85 | 1.47 | 27.3 | 11.9 | 37 | 7.63 | 48.7 |
| J 241117 |  | 4.28 | 0.005 | 0.71 | 7.16 | 1.2 | 770 | 0,80 | 0.45 | 2.99 | 4.03 | 25.7 | 11.3 | 39 | 7.13 | 11.0 |
| J924118 |  | 4.42 | 0.004 | 0.54 | 7.78 | 0.8 | 740 | 0.78 | 0.32 | 2.93 | 4.03 | 30.6 | 12.6 | 42 | 7.73 | 4.6 |
| 1924119 |  | 4.10 | 0.089 | 7.37 | 7.99 | 3.4 | 640 | 1.15 | 2.79 | 1.85 | 1.74 | 36.8 | 7.6 | 49 | 11.10 | 34.8 |
| 1924120 |  | 4.16 | 0.048 | 6.14 | 7.42 | 4.8 | 640 | 0.97 | 1.63 | 1.94 | 15.75 | 35.2 | 9.1 | 39 | 8.15 | 93.2 |
| 1924121 |  | 4.24 | 0.029 | 5.26 | 7.34 | 4.3 | 680 | 0.93 | 1.86 | 1.84 | 1.72 | 35.2 | 10.0 | 41 | 8.08 | 40.0 |
| 1924122 |  | 4.16 | 0.013 | 1.90 | 7.55 | 2.8 | 720 | 0.94 | 1.19 | 2.41 | 2.84 | 35.0 | 10.6 | 38 | 7.76 | 6.5 |
| J 924123 |  | 4.60 | 0.003 | 0.76 | 7.15 | 1.3 | 730 | $0 . \mathrm{BO}$ | 0.64 | 2.68 | 2.77 | 28.4 | 11.1 | 37 | 6.69 | 7.0 |
| 9924124 |  | 4.06 | 0.005 | 1.95 | 6.87 | 6.0 | 780 | 0.81 | 0.45 | 2.97 | 5.00 | 23.9 | 12.6 | 46 | 7.57 | 20.1 |
| 1924125 |  | 2.20 | 0.007 | 2.36 | 7.47 | 17.3 | 1090 | 0.86 | 0.35 | 2.30 | 0.95 | 27.2 | 10.1 | 40 | 8.50 | 18.0 |
| 1924126 |  | 2.22 | <0.001 | 0.29 | 7.86 | 0.2 | 220 | 1.00 | 0.02 | 3.95 | 0.13 | 30.3 | 25.5 | 117 | 8.35 | 36.7 |
| 1924127 |  | 2.50 | $<0.001$ | 0.44 | 8.12 | 1.1 | 220 | 0.99 | 0.03 | 4.30 | 0.15 | 32.1 | 26.3 | 119 | 8.97 | 40.9 |

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Page: 3 - B
Total \# Pages: 5 (A - D)
Plus Appendix Pages Finalized Date: 31-AUG-2010 Account: RLH
minerals
Project: 677

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Fe} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { PPm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \text { Ge } \\ \text { PpIII } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { IIf } \\ \text { ppIn } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { In } \\ \text { ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { La } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { LI } \\ \mathrm{ppm} \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mg } \\ x \\ 0.01 \end{gathered}$ | $\begin{gathered} M E-M S S 1 \\ M n \\ \mathrm{Ppm} \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MSG7 } \\ \text { Mo } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ \mathrm{Na} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Nb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ni} \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { P } \\ \text { ppm } \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924088 |  | 2.41 | 18.55 | 0.20 | 1.5 | 0.031 | 3.45 | 14.6 | 11.5 | 0.96 | 3290 | 2.28 | 0.12 | 3.7 | 16.3 | 520 |
| 1924089 |  | 2.69 | 17.25 | 0.19 | 1.7 | 0.032 | 3.28 | 10.2 | 17.9 | 1.16 | 2780 | 2.33 | 0.47 | 3.5 | 25.5 | 500 |
| 3924090 |  | 3.07 | 16.95 | 0.20 | 1.6 | 0.031 | 3.49 | 12.5 | 19.4 | 1.30 | 3630 | 1.57 | 0.23 | 3.4 | 32.7 | 510 |
| 1924091 |  | 2.83 | 18.15 | 0.19 | 2.0 | 0.037 | 3.46 | 13.1 | 14.3 | 4.32 | 3240 | 1.13 | 0.38 | 3.6 | 29.1 | 510 |
| 1924092 |  | 2.93 | 16.90 | 0.18 | 1.5 | 0.034 | 3.12 | 9.4 | 15.4 | 1.19 | 2840 | 1.71 | 0.85 | 3.5 | 27.3 | 530 |
| 5924093 |  | 2.77 | 17.80 | 0.19 | 1.6 | 0.035 | 3.04 | 10.1 | 16.5 | 1.28 | 2230 | 1.32 | 1.05 | 3.6 | 29.9 | 550 |
| 1924094 |  | 5.69 | 19.95 | 0.18 | 3.0 | 0.054 | 0.77 | 12.8 | 70.0 | 3,60 | 1540 | 0.98 | 2.49 | 4.1 | 129.0 | 1210 |
| 1924095 |  | 5.58 | 18.60 | 0.15 | 3.0 | 0.053 | 0.80 | 12.4 | 55.3 | 3,84 | 1460 | 0.85 | 2.56 | 4.2 | 124.0 | 1200 |
| 1924096 |  | 2.53 | 14.90 | 0.14 | 1.8 | 0.027 | 2.37 | 11.4 | 39.4 | 1.42 | 1170 | 0.75 | 1.62 | 3.9 | 30.6 | 550 |
| 1924097 |  | 5.23 | 17.65 | 0.20 | 2.9 | 0.053 | 1.21 | 12.4 | 107.5 | 3.72 | 1190 | 0.77 | 2.84 | 4.1 | 119.0 | 1200 |
| 1924098 |  | 3.02 | 17.55 | 0.17 | 1.3 | 0.050 | 2.91 | 11.5 | 33.3 | 1.40 | 1100 | 2.47 | 0,90 | 3.6 | 27.1 | 530 |
| J924099 |  | 3.06 | 14.35 | 0.14 | 1.3 | 0.042 | 2.94 | 9.4 | 13.8 | 1.35 | 1080 | 2.53 | 1.08 | 3.1 | 24.6 | 520 |
| 1924100 |  | 3.18 | 16.75 | 0.17 | 1.3 | 0.051 | 2.76 | 10.1 | 13.8 | 1.34 | 1100 | 3.06 | 1.29 | 3.5 | 28.1 | 520 |
| 1924101 |  | 3.13 | 18.65 | 0.17 | 1.4 | 0.052 | 2.76 | 10.5 | 14.9 | 1.22 | 1080 | 3.56 | 1.16 | 3.4 | 26.8 | 500 |
| 1924102 |  | 3.47 | 17.60 | 0.19 | 1.1 | 0.055 | 2.72 | 11.3 | 20.8 | 1.22 | 1080 | 4.68 | 1.28 | 3.6 | 30.4 | 550 |
| J924103 |  | 3.01 | 15.65 | 0.15 | 1.5 | 0.043 | 2.76 | 9.6 | 19,5 | 1.23 | 1300 | 2.47 | 1,20 | 3.5 | 26.7 | 520 |
| J 924104 |  | 2.78 | 16.30 | 0.17 | 1.6 | 0.045 | 2.93 | 10.6 | 14.9 | 1.19 | 1400 | 1.46 | 0.92 | 3.7 | 28.4 | 500 |
| 1924105 |  | 2.82 | 14.95 | 0.15 | 1.6 | 0.043 | 3.07 | 11.9 | 12.6 | 1.18 | 1490 | 1.70 | 0.89 | 3.6 | 25.9 | 530 |
| J924106 |  | 2.82 | 16.60 | 0.17 | 1.7 | 0.085 | 3.05 | 11.6 | 15.8 | 1.16 | 1840 | 2.52 | 0.97 | 3.9 | 29.6 | 520 |
| 1924107 |  | 5.67 | 14.80 | 0.19 | 1.6 | 0.119 | 3.04 | 16.1 | 12.2 | 2.19 | 4050 | 2.30 | 0.32 | 3.1 | 50.0 | 440 |
| 1924108 |  | 3.04 | 16.40 | 0.17 | 1.6 | 0.044 | 3.20 | 10.4 | 16.2 | 1.28 | 2090 | 2.07 | 0.78 | 3.9 | 31.1 | 530 |
| 1924109 |  | 2.91 | 16.30 | 0.17 | 1.8 | 0,041 | 3.42 | 12.5 | 19.6 | 1.17 | 2360 | 2.21 | 0.31 | 3.7 | 30,0 | 520 |
| 1924110 |  | 3.03 | 15.60 | 0.17 | 1.5 | 0.050 | 3.52 | 13.5 | 20.9 | 1.16 | 6820 | 1.42 | 0.13 | 3.5 | 29.5 | 510 |
| 1924117 |  | 3.47 | 17.10 | 0.16 | 1.5 | 0.057 | 3.75 | 13.9 | 14.4 | 1.10 | 8180 | 3.39 | 0.11 | 3.7 | 26.8 | 530 |
| 1824112 |  | 2.95 | 16.00 | 0.15 | 1.6 | 0.046 | 3,64 | 13.2 | 16.3 | 1.18 | 3210 | 4.46 | 0.12 | 3.7 | 26.4 | 520 |
| J924113 |  | 3.00 | 16.45 | 0.18 | 1.3 | 0.057 | 3.45 | 12.8 | 19.0 | 1.22 | 2230 | 5.55 | 0.15 | 3.3 | 25.8 | 510 |
| J924114 |  | 3.27 | 16.20 | 0.18 | 1.3 | 0.060 | 3.41 | 12.9 | 24.8 | 1.31 | 2090 | 4.08 | 0.26 | 3.3 | 26.6 | 550 |
| J924115 |  | 5.25 | 17.45 | 0.19 | 2.5 | 0.052 | 1.26 | 11.3 | 102.5 | 3.29 | 2360 | 0.87 | 2.30 | 3.6 | 108.0 | 1070 |
| 1924116 |  | 3.29 | 17.40 | 0.17 | 1.4 | 0.088 | 3,60 | 12.9 | 21.7 | 1.35 | 2970 | 3.44 | 0.17 | 3.2 | 25.2 | 550 |
| J924117 |  | 3.19 | 16.70 | 0.17 | 1.7 | 0. 048 | 3.68 | 11.7 | 12.9 | 1.34 | 2240 | 1.25 | 0.11 | 3.5 | 26.1 | 550 |
| 1924118 |  | 3.53 | 17.15 | 0.19 | 1.7 | 0.055 | 3,87 | 14.4 | 13.7 | 1.41 | 2940 | 0.33 | 0.12 | 3.4 | 28.7 | 560 |
| J924119 |  | 2.60 | 19.25 | 0.17 | 1.4 | 0.033 | 4.14 | 17.1 | 13.1 | 0.83 | 2020 | 0.52 | 0.12 | 3.7 | 23.4 | 570 |
| J924120 |  | 2.96 | 16.95 | 0.18 | 1.6 | 0.055 | 3.80 | 17.0 | 14.2 | 0.93 | 5090 | 0.29 | 0.10 | 3.8 | 27.8 | 560 |
| 1924121 |  | 2.77 | 16.70 | 0.17 | 1.6 | 0.027 | 3.59 | 17.2 | 14.9 | 0.87 | 2980 | 0.22 | 0.10 | 3.9 | 29.4 | 580 |
| 1924122 |  | 2.92 | 17.45 | 0.18 | 1.9 | 0.029 | 3.84 | 16.8 | 14.1 | 1.04 | 2260 | 0.33 | 0.11 | 4.0 | 27.2 | 570 |
| 1924723 |  | 2.83 | 16.15 | 0.17 | 1.8 | 0.035 | 3.53 | 13.6 | 15.5 | 1.10 | 1570 | 1.53 | 0.13 | 3.7 | 26.1 | 510 |
| J924124 |  | 3.04 | 16.70 | 0.17 | 1.7 | 0.043 | 3.58 | 10.6 | 18.6 | 1.26 | 2010 | 5.22 | 0.13 | 3.6 | 29.7 | 540 |
| 1924125 |  | 3.13 | 16.00 | 0.16 | 1.8 | 0.043 | 3.37 | 13.2 | 29.5 | 1.33 | 3320 | 3.96 | 0.15 | 3.5 | 26.7 | 530 |
| 1924126 |  | 5.33 | 18.15 | 0.21 | 3.0 | 0.050 | 1.10 | 12.1 | 109.0 | 3.15 | 2090 | 0.83 | 2.71 | 4.4 | 91.5 | 1320 |
| J924127 |  | 5.42 | 18.70 | 0.20 | 3.1 | 0.049 | 1.01 | 13.1 | 109.5 | 3.15 | 2330 | 0.92 | 2.64 | 4.5 | 95.0 | 1330 |

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| Sample Description | Method <br> Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Pb } \\ \text { PPm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS5? } \\ \text { Rb } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \operatorname{Re} \\ \text { ppm } \\ 0.002 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{S} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Sb } \\ \text { ppm } \\ 0.05 \end{gathered}$ | ME-MSE1 Sc PPm 0.1 | $\begin{gathered} \text { ME-MS61 } \\ \text { Se } \\ \text { Ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Sn } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sr } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} M E-M S 61 \\ T a \\ \text { Pprn } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Te } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Th } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS6 } \\ \mathrm{Ti} \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ \text { II } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ U \\ \text { Ppm } \\ 0.1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924088 |  | 435 | 139.5 | 0.002 | 0.36 | 23.6 | B. 7 | 2 | 0.9 | 89.6 | 0.31 | 0.06 | 5.6 | 0.226 | 1.98 | 2.5 |
| 1924089 |  | 233 | 102.5 | 0.002 | 0.35 | 9.78 | B, 5 | 2 | 0.8 | 88.9 | 0.32 | 0.09 | 5.6 | 0.213 | 1,94 | 3.0 |
| 1924090 |  | 473 | 137.0 | 0.002 | 0.39 | 23.4 | 10.0 | 2 | 0.8 | 83.9 | 0.29 | 0.07 | 5.7 | 0.216 | 1.82 | 2.8 |
| 1924097 |  | 519 | 122.5 | $<0.002$ | 0.33 | 16.45 | 10.0 | 2 | 0.8 | 89,6 | 0.33 | 0.06 | 6.4 | 0.226 | 1.87 | 3.4 |
| 1924092 |  | 219 | 89.0 | 0.002 | 0.48 | 8.36 | 9.1 | 2 | 0.9 | 168.0 | 0.29 | 0.07 | 5.0 | 0.222 | 1.72 | 2.6 |
| 1924093 |  | 150.5 | 94.2 | 0.002 | 0.39 | 7.65 | 10.1 | 2 | 0.8 | 144.5 | 0.31 | 0.05 | 4.8 | 0,234 | 1.72 | 2.4 |
| 1924094 |  | 16.4 | 10.0 | $<0.002$ | 0.05 | 9.33 | 21.6 | 2 | 0.9 | 657 | 0.21 | $<0.05$ | 1.6 | 0.574 | 0.16 | 0.8 |
| 1924095 |  | 20.2 | 8.1 | $<0.002$ | 0.04 | 7.14 | 18.8 | 2 | 1.3 | 558 | 0.22 | $<0.05$ | 1,3 | 0.565 | 0.17 | 0.8 |
| 1924096 |  | 80.2 | 80.9 | $<0,002$ | 0.16 | 2.90 | 10.3 | 2 | 1.1 | 97.7 | 0.33 | <0.05 | 5.8 | 0.233 | 1.18 | 2.7 |
| 1924097 |  | 16.9 | 23.1 | $<0,002$ | 0.09 | 5.18 | 16.4 | 2 | 1.1 | 287 | 0.22 | $<0.05$ | 1.3 | 0.517 | 0.43 | 0.8 |
| 1924098 |  | 88.6 | 95.5 | $<0.002$ | 0.68 | 5.07 | 12.8 | 2 | 1.4 | 146.5 | 0.28 | 0.11 | 4.8 | 0.271 | 1.50 | 2.4 |
| 1924099 |  | 60.1 | 89.1 | 0.002 | 0.79 | 5.74 | 9.4 | 2 | 1.0 | 130.0 | 0.27 | 0.09 | 5.2 | 0.239 | 1.34 | 2.6 |
| 1924100 |  | 82.6 | 91.7 | 0.002 | 0.83 | 5.36 | 12.1 | 2 | 1.1 | 165.0 | 0.29 | 0.12 | 5.0 | 0.248 | 1.39 | 2.5 |
| 1924101 |  | 59.9 | 89.9 | 0.002 | 0.99 | 4.20 | 11.1 | 2 | 1.1 | 169.0 | 0.27 | 0.14 | 5.1 | 0.239 | 1.37 | 2.5 |
| 1924102 |  | 65.8 | 92.6 | $<0.002$ | 1.06 | 5.22 | 12.4 | 2 | 1.3 | 169.5 | 0.26 | 0.15 | 4.6 | 0.268 | 1.37 | 2.2 |
| 1924103 |  | 85.2 | 82.3 | 0.003 | 0,58 | 5.36 | 10.8 | 2 | 1.0 | 119.0 | 0.29 | 0.09 | 4.4 | 0. 251 | 1.40 | 2.3 |
| 1924104 |  | 105.0 | 97.8 | $<0,002$ | 0.53 | 4.83 | 11.2 | 2 | 1.0 | 93.8 | 0.29 | 0.08 | 5.4 | 0.242 | 1.51 | 2.9 |
| 1924105 |  | 162.5 | 99.7 | $<0.002$ | 0.45 | 7.23 | 10.5 | 2 | 0.8 | 80.5 | 0.30 | 0.08 | 5,8 | 0.244 | 1.50 | 2.7 |
| J924106 |  | 250 | 103.0 | <0,002 | 0.69 | 3.86 | 11.7 | 2 | 1.0 | 138.5 | 0.32 | 0.10 | 5,8 | 0.245 | 1.58 | 3.1 |
| J924107 |  | 819 | 126.0 | 0.002 | 2.24 | 13.35 | 10.3 | 2 | 0.9 | 79.1 | 0.25 | 0.13 | 5.5 | 0.213 | 1.54 | 2.6 |
| J924108 |  | 258 | 91.9 | <0.002 | 0.44 | 8.58 | 10.0 | 2 | 1.0 | 76.1 | 0.31 | 0.07 | 5.0 | 0.237 | 1.56 | 2.7 |
| J924109 |  | 229 | 115.5 | <0.002 | 0.71 | 11.50 | 11.3 | 2 | 1.1 | 95.7 | 0.30 | 0.10 | 6.1 | 0.231 | 1.67 | 3.1 |
| 1924110 |  | 2120 | 136.5 | $<0,002$ | 0.62 | 155.5 | 11.2 | 2 | 0.9 | 138.0 | 0.29 | 0.10 | 5.9 | 0.227 | 1.62 | 2.9 |
| 1924111 |  | 747 | 146,0 | 0.002 | 0.92 | 18.40 | 12.1 | 2 | 1.1 | 68.9 | 0.30 | 0.17 | 6.1 | 0.251 | 1.64 | 2.9 |
| 1924112 |  | 517 | 131.0 | 0.003 | 0.74 | 22.4 | 11.4 | 2 | 1.0 | 67.9 | 0.30 | 0.12 | 6.2 | 0.240 | 1.70 | 3.1 |
| 1924113 |  | 148.5 | 123.0 | 0.004 | 0.86 | 15.20 | 12.0 | 2 | 1.1 | 30.6 | 0.27 | 0.15 | 5.5 | 0.238 | 1.63 | 2.6 |
| 1924114 |  | 231 | 126.0 | 0.003 | 0.87 | 18.20 | 12.3 | 2 | 1.2 | 174.0 | 0.27 | 0.19 | 5.6 | 0.247 | 1.60 | 2.5 |
| 1924115 |  | 61.4 | 29.2 | <0,002 | 0.21 | 25.0 | 20.5 | 2 | 0.6 | 402 | 0.20 | $<0,05$ | 1.4 | 0.488 | 0.46 | 0.9 |
| J924116 |  | 878 | 130.5 | 0.003 | 0.75 | 23.2 | 12.4 | 2 | 1.1 | 309 | 0.27 | 0.14 | 5.7 | 0.245 | 1.63 | 2.6 |
| 1924117 |  | 128.5 | 115.0 | $<0.002$ | 0.24 | 4.78 | 11.8 | 2 | 0.9 | 71.5 | 0.30 | 0.07 | 5.5 | 0.251 | 1.72 | 2.7 |
| 3924118 |  | 143,5 | 142.5 | $<0,002$ | 0.13 | 3.80 | 13.6 | 2 | 0.9 | 49.0 | 0,27 | 0,08 | 5.9 | 0.274 | 1.73 | 2.7 |
| 1924119 |  | 424 | 180.0 | $<0.002$ | 0.29 | 17.75 | 12.2 | 3 | 1.1 | 74.3 | 0.30 | 1.34 | 5.8 | 0.225 | 1.98 | 2.3 |
| 1924120 |  | 1360 | 157.0 | $<0,002$ | 0,39 | 25.2 | 11.1 | 2 | 0.9 | 106.0 | 0.31 | 0.51 | 6.4 | 0.220 | 1.88 | 2.6 |
| \$924121 |  | 646 | 154.0 | $<0.002$ | 0.27 | 20.5 | 11.0 | 2 | 0.8 | 84.1 | 0.32 | 0.79 | 6.5 | 0.226 | 1,86 | 2.7 |
| 1924122 |  | 239 | 142.5 | <0,002 | 0.18 | 5.85 | 11.2 | 2 | 0.9 | 63.1 | 0,33 | 0.33 | 6.6 | 0.234 | 1.97 | 3.1 |
| 1924123 |  | 171.5 | 118.5 | $<0.002$ | 0.20 | 4.56 | 11.1 | 2 | 0.9 | 61.4 | 0.32 | 0,13 | 6.8 | 0.222 | 1.79 | 3.4 |
| 5924124 |  | 233 | 100.0 | 0.014 | 0.57 | 12.45 | 11.4 | 2 | 1.0 | 110.0 | 0.31 | 0.14 | 5.1 | 0.245 | 1.72 | 2.7 |
| 1924125 |  | 1230 | 128.0 | 0.002 | 0.45 | 17.10 | 11.4 | 2 | 1.0 | 127.0 | 0.30 | 0.10 | 8.5 | 0.238 | 1.59 | 3.2 |
| 1924126 |  | 24.7 | 21.6 | $<0.002$ | 0.03 | 18.45 | 19.8 | 2 | 0.8 | 312 | 0.23 | $<0.05$ | 1.2 | 0.538 | 0.39 | 0.8 |
| 1924127 |  | 36.6 | 20.1 | <0,002 | 0.03 | 19.45 | 20.0 | 2 | 0,9 | 318 | 0.24 | $<0.05$ | 1.4 | 0.545 | 0.37 | 0.9 |

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Page: 3-D
Total \# Pages: 5 (A - D) Plus Appendix Pages Finalized Date: 31-AUG-2010 Account: RLH

Project: 677
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| Sample Description | Method Analyte Units LDR | $\begin{gathered} \text { ME-MS61 } \\ V \\ \text { PPrT1 } \\ \uparrow \end{gathered}$ | $\begin{gathered} \text { ME-MSS } 1 \\ w \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ Y \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Zn } \\ \text { ppm } \\ 2 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Zr } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { Ag-OG62 } \\ \text { Ag } \\ \text { PPm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { Pb-OG62 } \\ \text { Pb } \\ \text { \% } \\ 0,001 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J92408日 |  | 76 | 1.9 | 8.5 | 246 | 48.7 |  |  |
| 1924089 |  | 75 | 2.3 | 9.2 | 270 | 53.9 |  |  |
| 1924090 |  | 73 | 2.0 | 10.0 | 385 | 52.6 |  |  |
| 1924091 |  | 78 | 1.8 | 9.9 | 353 | 62.8 |  |  |
| 1924092 |  | 75 | 1.4 | 8.5 | 317 | 47.4 |  |  |
| 1924093 |  | 77 | 1.4 | 9.0 | 421 | 48.1 |  |  |
| 1924094 |  | 130 | 0.2 | 19.3 | 85 | 116.5 |  |  |
| J924095 |  | 166 | 0.2 | 17.2 | 95 | 115.0 |  |  |
| J924096 |  | 70 | 1.1 | 9.3 | 311 | 57.2 |  |  |
| 1924097 |  | 157 | 0.3 | 15.9 | 97 | 111.0 |  |  |
| 1924098 |  | 92 | 1.5 | 9.8 | 239 | 42.4 |  |  |
| 1924098 |  | 83 | 1.2 | 7.5 | 276 | 42.5 |  |  |
| 1924100 |  | 85 | 1.8 | 8.9 | 309 | 40.7 |  |  |
| 1924101 |  | 82 | 1.6 | 8.5 | 295 | 43.7 |  |  |
| 1924102 |  | 92 | 1.8 | 8.5 | 259 | 35,6 |  |  |
| J924103 |  | 83 | 1.3 | 8.9 | 258 | 47.0 |  |  |
| 1924104 |  | 78 | 1.4 | 9.1 | 255 | 53.6 |  |  |
| 1924105 |  | 75 | 1.6 | 9.0 | 314 | 54.3 |  |  |
| 1924106 |  | 83 | 1.9 | 9.7 | 260 | 55.2 |  |  |
| 1924107 |  | 76 | 1.9 | 8.3 | 333 | 49.5 |  |  |
| 1924108 |  | 78 | 1.5 | 8.8 | 380 | 53.8 |  |  |
| 1924109 |  | 77 | 1.8 | 10.0 | 232 | 52.8 |  |  |
| 1924110 |  | 74 | 2.2 | 10.0 | 158 | 48.8 |  |  |
| 1924117 |  | 86 | 2.6 | 10.0 | 112 | 46.3 |  |  |
| 1924112 |  | 76 | 2.2 | 10.1 | 208 | 50,7 |  |  |
| 3924113 |  | 87 | 2.2 | 10.1 | 371 | 39.0 |  |  |
| J924114 |  | 85 | 2.3 | 10.4 | 343 | 41.7 |  |  |
| 1924115 |  | 157 | 0.7 | 15.5 | 97 | 83.8 |  |  |
| J924116 |  | 93 | 2,8 | 10.0 | 170 | 40.1 |  |  |
| 1924117 |  | 88 | 2.2 | 9.9 | 379 | 51.9 |  |  |
| J924118 |  | 93 | 2.6 | 10.8 | 394 | 55.0 |  |  |
| 1924179 |  | B7 | 2.1 | 10.3 | 166 | 45.7 |  |  |
| 1924120 |  | 69 | 1.9 | 9.8 | 1120 | 53.8 |  |  |
| 1924121 |  | 64 | 1.7 | 9.7 | 158 | 55.7 |  |  |
| 1924122 |  | 74 | 1.7 | 10.3 | 242 | 64.7 |  |  |
| J924123 |  | 73 | 2.4 | 10.8 | 251 | 61.5 |  |  |
| J 24124 |  | 87 | 1.8 | 9.3 | 443 | 54.0 |  |  |
| J 24125 |  | 78 | 2.0 | 10.2 | 124 | 57.6 |  |  |
| 1924128 |  | 153 | 0.6 | 16.0 | 101 | 116.5 |  |  |
| 1924127 |  | 155 | 0.9 | 17.1 | 115 | 118.5 |  |  |

[^4]ALS Canada Ltd.
To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1L7
Page: 4 - A
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Plus Appendix Pages Finalized Date: 31-AUG-2010 Account: RLH

Project; 677
CERTIFICATE OF ANALYSIS VA10105033

| Sample Description | Method Analyte Units LOR | WEE-21 Recvd Wt. kg 0.02 | $\begin{gathered} \text { AU-ICP21 } \\ \text { Au } \\ \text { ppm } \\ 0,001 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ag } \\ \text { PPm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { AL } \\ \text { \& } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { AS } \\ \text { PPrn } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ba } \\ \text { ppm } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Be } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Bi } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ca } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Cd } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ce } \\ \mathrm{ppm} \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Co } \\ \text { PPm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Cr} \\ \mathrm{PPm} \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cs } \\ \text { ppm } \\ 0.05 \end{gathered}$ | ME-MSB1 <br> Cu <br> Ppın <br> 0.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924128 |  | 4.54 | 0.009 | 6,45 | 7.16 | 37.5 | 770 | 0.76 | 0.49 | 2.60 | 3.46 | 27.4 | 9.8 | 31 | 8.48 | 70.9 |
| 1924729 |  | 4.32 | 0.004 | 1.11 | 7.36 | 11.2 | 780 | 0.81 | 0.56 | 2.71 | 8.52 | 26.6 | 13.5 | 44 | 8.18 | 25.3 |
| 1924130 |  | 4.50 | 0.003 | 1.24 | 7.24 | 12.9 | 600 | 0, 87 | 0.56 | 2.70 | 5.86 | 24.5 | 12.1 | 49 | 7.33 | 34.4 |
| 1924131 |  | 4.14 | 0.005 | 0.93 | 7.47 | 15.0 | 690 | 0.78 | 0.52 | 2.76 | 2.12 | 22.8 | 11.8 | 44 | 7.46 | 53.7 |
| 1924132 |  | 4.16 | 0.004 | 0.96 | 7.29 | 14.3 | 740 | 0.74 | 0.64 | 2.34 | 4.12 | 21.4 | 12.5 | 41 | 7.34 | 36.5 |
| 1924133 |  | 4.66 | 0,002 | 0.94 | 7.47 | 13.8 | 600 | 0.77 | 0.61 | 2.47 | 4.78 | 22.9 | 12.7 | 45 | 7.28 | 33.1 |
| 1924134 |  | 4.36 | 0,003 | 0.58 | 7.44 | 13.0 | 660 | 0.73 | 0.53 | 2.48 | 3.14 | 23.3 | 12.3 | 44 | 7.77 | 38.1 |
| 1924135 |  | 4,10 | 0.002 | 0.90 | 7.57 | 15.5 | 580 | 0.70 | 0.47 | 2.51 | 2.88 | 22.7 | 12.1 | 46 | 6.74 | 55.2 |
| 1924136 |  | 4,38 | 0.003 | 0.57 | 7.88 | 11.9 | 590 | 0.97 | 0.55 | 2.52 | 2.10 | 25.8 | 14.7 | 45 | 11.70 | 33.8 |
| J924137 |  | 4.46 | 0.001 | 0.54 | 7.47 | 9.3 | 590 | 0.83 | 0.45 | 2.44 | 2.86 | 24.2 | 13,0 | 48 | 8.90 | 32.3 |
| 1924138 |  | 3.98 | 0.001 | 0.42 | 7.22 | 10.5 | 590 | 0.74 | 0.30 | 2.98 | 1.60 | 20.5 | 10.6 | 41 | 7.40 | 20.1 |
| 1924139 |  | 0.92 | $<0.001$ | 0.15 | 8.18 | 6.8 | 280 | 1.18 | 0.09 | 4.40 | 0.30 | 30.5 | 18.2 | 43 | 26.8 | 32.4 |
| 1924140 |  | 2.52 | 0.003 | 0.82 | 7.67 | 15.2 | 600 | 0.75 | 0.53 | 2.80 | 2.07 | 24.6 | 13.3 | 45 | 11.30 | 38.8 |
| 1924141 |  | 3.72 | 0.001 | 0.59 | 7.78 | 9.3 | 640 | 0.79 | 0.43 | 3.23 | 2.07 | 25.8 | 11.5 | 34 | 9.64 | 41.1 |
| 1924142 |  | 4.80 | 0.004 | 0.80 | 7.81 | 13.8 | 550 | 0.71 | 0.62 | 2.94 | 2.33 | 24.1 | 13.3 | 41 | 6.68 | 50.9 |
| J924143 |  | 4.76 | 0.007 | 0.92 | 7.84 | 18.1 | 540 | 0.75 | 0.87 | 2.81 | 1.26 | 24.2 | 13.7 | 34 | 8.01 | 195.0 |
| 㗢24144 |  | 4.10 | 0.005 | 1.00 | 7.72 | 16.2 | 570 | 0.76 | 1.01 | 2.74 | 1.18 | 23.8 | 14.6 | 40 | 9.45 | 79.0 |
| 㗢 24145 |  | 4.68 | 0.030 | 1.34 | 7.65 | 13.6 | 680 | 0,82 | 0.99 | 2.69 | 3.02 | 24.9 | 12.9 | 35 | 11.55 | 80.1 |
| J924146 |  | 4.44 | 0.002 | 1.39 | 7.58 | 11.6 | 590 | 0.81 | 0.70 | 2.91 | 3.63 | 22.5 | 12.7 | 47 52 | 8.99 5.99 | 80.6 26.4 |
| J924147 |  | 4.22 | 0.001 | 0.49 | 7.28 | 5.7 | 570 | 0.73 | 0.21 | 2.98 | 1.28 | 25.2 | 10.8 | 52 | 5.99 | 26,4 |
| J924148 |  | 4.44 | 0.003 | 1.19 | 7.78 | 13.9 | 610 | 0.85 | 0.44 | 2.89 | 1.32 | 26.1 | 13.8 | 44 | 10.40 | 38.9 |
| 1924149 |  | 4.36 | 0.003 | 0.89 | 7.97 | 13.3 | 550 | 0.82 | 0.43 | 2.21 | 0.89 | 25.8 | 13.3 | 49 | 10.30 | 26.4 |
| J924150 |  | 4.40 | 0.013 | 1.08 | 7.59 | 14.2 | 480 | 0.91 | 0.63 | 2.13 | 1.03 | 24.7 | 14.1 | 48 | 10.15 | 31.0 |
| 1924151 |  | 4.26 | 0.012 | 0.70 | 7.71 | 12.4 | 610 | 0.94 | 0.55 | 2.30 | 0.95 | 21.5 | 12.7 | 49 | 10.25 | 36,3 |
| 1924152 |  | 4.80 | 0.021 | 0.92 | 7.99 | 18.8 | 580 | 0.95 | 0.63 | 2.66 | 0.95 | 24.0 | 14.2 | 50 | 9.83 | 26.6 |
| 1924153 |  | 4.38 | 0.018 | 0.78 | 7.82 | 12.9 | 630 | 0.97 | 0.65 | 2.61 | 1.35 | 25.7 | 13.3 | 46 | 8.51 | 37.4 |
| 1924154 |  | 3.98 | 0.025 | 0.93 | 7.68 | 13.7 | 560 | 0.90 | 0.74 | 2.44 | 1.41 | 25.6 | 15.6 | 43 | 12.45 | 50,6 |
| 1924155 |  | 4.72 | 0.019 | 0.64 | 8.33 | 16.6 | 550 | 1.08 | 0.41 | 2.16 | 1.02 | 21.1 | 13.4 | 20 | 11.50 | 63.6 |
| J924156 |  | 4.18 | 0.008 | 0.33 | 8,38 | 12.9 | 570 | 0.96 | 0.19 | 2.26 | 0.41 | 22.6 | 13.7 | 32 | 9.33 | 15.5 |
| J924157 |  | 4.74 | 0.017 | 1.01 | 7.78 | 17.8 | 640 | 0.96 | 0.85 | 2.92 | 0.92 | 27.5 | 15.0 | 38 | 8.17 | 64.6 |
| J924158 |  | 4.36 | 0.012 | 0.85 | 7.75 | 13.2 | 660 | 0.90 | 0.58 | 2.69 | 0.97 | 24.2 | 12.1 | 35 | 8.04 | 54.9 |
| 1924159 |  | 4.80 | 0.006 | 0.92 | 6.94 | 11.3 | 650 | 0.90 | 0.58 | 2.87 | 0.90 | 19.00 | 11.2 | 34 | 7.03 | 52.8 |
| 1924160 |  | 4.32 | 0.005 | 1,04 | 7.61 | 13.7 | 620 | 0.85 | 0.73 | 2.93 | 0.87 | 22.8 | 11.2 | 47 | 6.33 | 67.2 |
| 1924161 |  | 4.14 | 0.008 | 1.20 | 7.10 | 15.0 | 580 | 0.85 | 0.71 | 2.84 | 0.73 | 20.5 | 12.4 | 33 | 6.27 | 84.2 |
| 1924162 |  | 5.26 | 0.003 | 0.76 | 7.41 | 12.0 | 460 | 0.91 | 0.57 | 2.48 | 0.89 | 18.00 | 12.1 | 45 | 9, 19 | 36.7 |
| 1924163 |  | 1.28 | <0.001 | 0.13 | 8.39 | 2.7 | 250 | 1.49 | 0.08 | 4.90 | 0,09 | 31.1 | 16.4 | 45 | 14.45 | 34.3 |
| J924164 |  | 4.80 | 0.005 | 0.72 | 7.29 | 12.0 | 550 | 0.89 | 0.57 | 3.16 | 0.85 | 21.4 | 11.4 | 33 | 8.03 | 34.7 |
| 1924165 |  | 4.60 | 0.005 | 0.84 | 7.79 | 12.3 | 610 | 0.84 | 0.66 | 2.86 | 0.78 | 24.8 | 12.5 | 34 | 7.09 | 82.3 |
| 1924166 |  | 4.58 | 0.005 | 1.31 | 7.22 | 15.1 | 590 | 0.93 | 0.85 | 2.69 | 0.67 | 18.70 | 14.4 | 39 | 7.09 | 107.0 |
| 1924167 |  | 2.22 | 0.010 | 1.72 | 7.67 | 25.7 | 500 | 1.19 | 1.16 | 2.21 | 1.30 | 22.2 | 14.7 | 52 | 10,20 | 37.2 |

***** See Appendix Page for comments reqerding this certificate *****

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To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1 L7

Page: $4-B$
Total \# Pages: 5 (A - D) Plus Appendix Pages Finalized Date: 31-AUG-2010 Account: RLH

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Fe } \\ \text { \% } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ge } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Hf } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { In } \\ \text { ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MSS1 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { La } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Li } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Mg } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mn } \\ \text { PPm } \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { M0 } \\ \text { Ppm } \\ 0,05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Na} \\ \% \\ \mathrm{D} .01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{Nb} \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{Ni} \\ \mathrm{ppm} \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{P} \\ \text { ppirt } \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 192412 l |  | 2.85 | 16.60 | 0.17 | 1.5 | 0.053 | 3.39 | 13.0 | 26.7 | 1.25 | 2980 | 5.08 | 0.13 | 3.8 | 22.6 | 470 |
| J 924129 |  | 3.30 | 17.15 | 0.18 | 1.2 | 0.055 | 3.21 | 12.1 | 18.2 | 1.29 | 1580 | 3.08 | 0.57 | 3.8 | 27.8 | 540 |
| J 924130 |  | 3.06 | 16.00 | 0.17 | 1.4 | 0.051 | 3.06 | 11.1 | 20.1 | 1.29 | 1360 | 4.78 | 0.85 | 3.5 | 26.9 | 540 |
| 1924131 |  | 3.06 | 16.10 | $<0.05$ | 1.3 | 0.049 | 3.00 | 10.5 | 17.1 | 1.42 | 1560 | 1.80 | 1.13 | 3.2 | 25.0 | 570 |
| 1924132 |  | 3.21 | 16.30 | $<0.05$ | 1.1 | 0.060 | 3.01 | 10.0 | 10.7 | 1.35 | 1260 | 2.77 | 1.00 | 3.0 | 20.5 | 540 |
| 1924133 |  | 3.18 | 16.10 | $<0,05$ | 1.3 | 0.065 | 2.83 | 10.6 | 19.3 | 1.36 | 1140 | 2.13 | 1.25 | 3.1 | 24.6 | 560 |
| 1924134 |  | 3.12 | 16.60 | $<0.05$ | 1.3 | 0.052 | 2.94 | 10.6 | 15.0 | 1.36 | 1120 | 1,87 | 1.28 | 3.3 | 22,6 | 560 |
| 1924135 |  | 3.48 | 16.45 | $<0.05$ | 1.2 | 0.052 | 2.61 | 10.5 | 40.0 | 1.48 | 1240 | 1.72 | 1.69 | 3.3 | 28.7 | 580 |
| 1924136 |  | 3.46 | 17.60 | 0.05 | 0.9 | 0.056 | 2.97 | 11.9 | 37.8 | 1.41 | 1130 | 2.80 | 1.18 | 3.3 | 24.0 | 590 |
| 1924137 |  | 3.30 | 16.40 | $<0.05$ | 1.3 | 0.054 | 2.57 | 11.2 | 84.7 | 1.36 | 1090 | 2.70 | 1.45 | 3.3 | 25.4 | 560 |
| 1924138 |  | 3.06 | 16.10 | $<0.05$ | 1.6 | 0.053 | 2.56 | 9.0 | 64.8 | 1.37 | 1430 | 1,50 | 1.45 | 3.5 | 23.2 | 550 |
| 1924139 |  | 4.83 | 18.90 | 0.08 | 3.4 | 0.045 | 0.58 | 13.1 | 75.0 | 2.15 | 825 | 1.49 | 1.59 | 4.1 | 34.4 | 1160 |
| 1924140 |  | 3.12 | 17.05 | $<0.05$ | 1.2 | 0.054 | 2.59 | 11.5 | 49.6 | 1.31 | 1180 | 2.32 | 1.47 | 3.1 | 23.7 | 570 |
| 1924141 |  | 3.36 | 16.30 | 0.08 | 1.1 | 0.055 | 2.54 | 12.4 | 55.9 | 1.48 | 1360 | 2.84 | 1.65 | 3.0 | 21.4 | 570 |
| 5924142 |  | 3.45 | 16.50 | 0.05 | 1.0 | 0.063 | 2.47 | 11.5 | 46.1 | 1.44 | 1280 | 3.25 | 1.79 | 3.0 | 24.8 | 590 |
| 1924143 |  | 3,81 | 16.95 | 0.05 | 0.7 | 0.090 | 2.56 | 11.5 | 40.7 | 1.45 | 1680 | 6.85 | 1.70 | 2.9 | 21.7 | 600 |
| 1924144 |  | 3.69 | 17.95 | 0.06 | 0.9 | 0.075 | 2,42 | 11.0 | 35.0 | 1.53 | 1440 | 3.98 | 1.90 | 2.9 | 25.4 | 600 |
| 5924145 |  | 3.0 B | 17.80 | $<0.05$ | 1.1 | 0.065 | 2.70 | 11.9 | 27.3 | 1.16 | 1020 | 5.41 | 1.37 | 3.2 | 17.7 | 510 |
| 1924146 |  | 3.31 | 17.05 | 0.05 | 1.2 | 0.061 | 2.22 | 10.1 | 126.5 | 1.55 | 1280 | 4.45 | 1.86 | 3.3 | 26.3 | 560 |
| 1924147 |  | 3.24 | 15.45 | 0.05 | 1.6 | 0.042 | 1.74 | 11.9 | 151.0 | 1.64 | 1260 | 1.34 | 2.18 | 3.6 | 32.6 | 540 |
| J924148 |  | 3.44 | 17.60 | 0.08 | 1.1 | 0.066 | 2.14 | 11.8 | 114.5 | 1.66 | 1210 | 1.75 | 1.B2 | 3.0 | 26.0 | 590 |
| 1924149 |  | 3.48 | 17.00 | 0.05 | 1.1 | 0.054 | 1.98 | 12.2 | 100.5 | 1.58 | 1050 | 1.60 | 1.98 | 3.2 | 24.4 | 600 |
| 1924150 |  | 3.53 | 16.50 | 0.07 | 0.9 | 0.059 | 2.01 | 11.7 | 63.8 | 1.54 | 954 | 2.79 | 1.65 | 3.3 | 30.3 | 570 |
| J 824151 |  | 3.23 | 17.00 | $<0.05$ | 1.1 | 0.062 | 2.29 | 9,6 | 107.0 | 1.31 | 1020 | 2.84 | 1.68 | 3.4 | 20.9 | 580 |
| 1924152 |  | 3.59 | 17.55 | 0.06 | 1.1 | 0.067 | 2.33 | 11.2 | 88.6 | 1.46 | 1220 | 2.00 | 1.73 | 3.3 | 26.5 | 580 |
| J924153 |  | 3.46 | 18.00 | 0.06 | 1.1 | 0.061 | 2.27 | 12.0 | 101.5 | 1.41 | 1220 | 2.94 | 1.80 | 3.2 | 28.1 | 570 |
| 1824154 |  | 3.5B | 16.80 | 0.06 | 0.0 | 0.056 | 2.20 | 12.2 | 51.9 | 1.14 | 901 | 4.20 | 1.98 | 2.8 | 25.2 | 590 |
| JP24155 |  | 3.75 | 17.95 | 0.06 | 0.9 | 0.062 | 2.20 | 9.3 | 94.2 | 1.34 | 1100 | 4.30 | 2.04 | 3.2 | 18.2 | 730 |
| J924156 |  | 4.07 | 18.05 | 0.06 | 1.0 | 0.047 | 1.84 | 10.1 | 78.4 | 1.69 | 1160 | 2.04 | 2.42 | 3.3 | 26.5 | 760 |
| 1924157 |  | 3.31 | 18.15 | 0.06 | 1.1 | 0.061 | 2.00 | 12.9 | 66.6 | 1.32 | 1030 | 4.10 | 2.22 | 3.2 | 29.4 | 580 |
| J924158 |  | 3.24 | 17.50 | 0.06 | 1.1 | 0.056 | 2.13 | 11.3 | 68.3 | 1.23 | 987 | 3.16 | 2.13 | 3.0 | 20.7 | 570 |
| 1924159 |  | 3.15 | 17.30 | 0.07 | 1.0 | 0.060 | 2.14 | 8.2 | 87.7 | 1.18 | 1040 | 2.96 | 1.96 | 3.1 | 22.6 | 530 |
| 1924160 |  | 3.09 | 16.60 | $<0.05$ | 1.1 | 0.053 | 1.166 | 10.7 | 77.5 | 1.29 | 1000 | 3.01 | 2.10 | 2.9 | 24.5 | 570 |
| 1924161 |  | 3.07 | 16.15 | 0.05 | 0.9 | 0.056 | 1.98 | 9.3 | 98.0 | 1.18 | 1000 | 8.27 | 1.99 | 2.8 | 24.0 | 520 |
| 1924162 |  | 3.40 | 16.85 | 0.05 | 0.9 | 0.057 | 1.93 | 7.8 | 57.7 | 1.29 | 897 | 4.13 | 1.63 | 3.0 | 22.7 | 640 |
| 1924163 |  | 4.87 | 20.4 | 0.10 | 3.9 | 0.048 | 0.25 | 13.0 | 69.2 | 2.16 | 927 | 4.17 | 1.84 | 4.5 | 38.4 | 1250 |
| 1924164 |  | 3.30 | 17.00 | 0.07 | 1.2 | 0.117 | 2.09 | 9.4 | 36.3 | 1.45 | 1420 | 3.88 | 1.85 | 3.2 | 22.4 | 550 |
| 1924165 |  | 3.61 | 17.00 | $<0.05$ | 1.1 | 0,072 | 1.98 | 11.6 | 56.0 | 1.44 | 1200 | 2.70 | 2.07 | 3.2 | 22.4 | 580 |
| 1924166 |  | 3.58 | 17.85 | 0.05 | 1.0 | 0.084 | 1.92 | 7.7 | 64.6 | 1.41 | 1060 | 3.60 | 2.24 | 3.3 | 25.1 | 610 |
| 1924167 |  | 3,83 | 17.45 | 0.15 | 1.1 | 0.091 | 1.90 | 9.2 | 52.3 | 1.50 | 971 | 5.18 | 1.84 | 3.2 | 27.7 | 640 |

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Account: RLH
Project: 677

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MSE1 } \\ \text { Pb } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Rb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \text { Re } \\ \text { Ppm } \\ 0.002 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { s } \\ \times \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sb } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sc } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Se } \\ \text { Ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sn } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Sr} \\ \mathrm{PPm} \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{ra} \\ \mathrm{ppm} \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \text { Te } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Th } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { T1 } \\ \% \\ \text { B.005 } \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { II } \\ \text { ppm } \\ 0.02 \end{gathered}$ | ME-MS61 $u$ ppm 0.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924128 |  | 684 | 125.5 | 0.005 | 0.48 | 34.9 | 10.1 | 2 | 1.1 | 77.4 | 0.30 | 0.11 | 7.2 | 0.205 | 1.60 | 3.7 |
| 1924129 |  | 226 | 114.5 | 0.003 | 0.78 | 14.10 | 13.3 | 2 | 1.1 | 100.5 | 0.28 | 0.12 | 4.8 | 0.270 | 1.62 | 2.3 |
| 1924130 |  | 210 | 100.5 | 0.005 | 0.52 | 18.20 | 12.5 | 2 | 1.0 | 69.2 | 0.29 | 0.12 | 4.8 | 0.255 | 1.54 | 2.4 |
| 1924131 |  | 80.6 | 99.0 | 0.003 | 0.57 | 21.2 | 10.9 | 1 | 1.0 | 99.2 | 0.27 | 0.12 | 4.5 | 0.244 | 1.52 | 1.9 |
| 1924132 |  | 139.0 | 97.2 | 0.003 | 0.85 | 13.05 | 10.2 | 2 | 1.1 | 80.6 | 0.25 | 0.14 | 4.6 | 0.235 | 1.52 | 1.9 |
| 1924133 |  | 173.0 | 98.1 | 0.003 | 0.76 | 11.70 | 11.7 | 2 | 1.0 | 179.5 | 0.27 | 0.13 | 4.7 | 0.255 | 1.53 | 2.1 |
| 1924134 |  | 119.5 | 98.3 | 0.003 | 0.78 | 9.87 | 11.2 | 2 | 1.1 | 114.5 | 0.27 | 0.12 | 4.2 | 0.264 | 1.59 | 1.9 |
| 1924135 |  | 97.9 | 89.6 | 0.002 | 0.65 | 13.80 | 11.0 | 1 | 1.1 | 132.0 | 0.28 | 0,10 | 4.3 | 0.244 | 1.36 | 1.7 |
| J924136 |  | 129.0 | 104.5 | 0.004 | 1.13 | 5.42 | 12.7 | 3 | 1.3 | 141.0 | 0.26 | 0.19 | 4.0 | 0.267 | 1.56 | 1.6 |
| 1924137 |  | 106.5 | 86.2 | 0.003 | 0.72 | 6,59 | 11.9 | 2 | 1.0 | 127.0 | 0.28 | 0.14 | 4.5 | 0.258 | 1.45 | 1.9 |
| 5924138 |  | 71.8 | 75.6 | 0.002 | 0.47 | 5.90 | 10.9 | 2 | 1.0 | 116.5 | 0.31 | 0.08 | 4.6 | 0.256 | 1.53 | 2.1 |
| 1924139 |  | 14.0 | 10.7 | <0.002 | 0.08 | 7.29 | 13.7 | 2 | 0.8 | 809 | 0.26 | $<0.05$ | 2.3 | 0.441 | 0.28 | 1.0 |
| 1924140 |  | 102.0 | 93.2 | 0.003 | 0.74 | 7.83 | 12.5 | 2 | 1.1 | 202 | 0.25 | 0.13 | 4.4 | 0.262 | 1.49 | 1.8 |
| 1924147 |  | 57.4 | 96.4 | 0.003 | 0.68 | 6.80 | 11.2 | 2 | 1.1 | 170.0 | 0.25 | 0.09 | 5.3 | 0.236 | 1.44 | 2.2 |
| 1924142 |  | 84.9 | 83.9 | 0.004 | 0.90 | 10.60 | 12.1 | 2 | 1.1 | 169.5 | 0.25 | 0.14 | 4.3 | 0.249 | 1.37 | 1.8 |
| 1924143 |  | 86.6 | 90.2 | 0.009 | 1.47 | 6.67 | 11.9 | 2 | 1.6 | 172.0 | 0.23 | 0.14 | 5.0 | 0.246 | 1.45 | 2,0 |
| 1924144 |  | 75.5 | 77.1 | 0.007 | 1.20 | 5.44 | 12.9 | 2 | 1.3 | 152.5 | 0.23 | 0.17 | 4.2 | 0.240 | 1.44 | 1.7 |
| 1924145 |  | 176.5 | 85.5 | 0,005 | 1,56 | 8.53 | 10.4 | 3 | 1.2 | 156.0 | 0.28 | 0.16 | 6.0 | 0.227 | 1.53 | 2.6 |
| J924146 |  | 174.5 | 64.7 | 0.004 | 0.76 | 9.71 | 11.6 | 2 | 1.0 | 189.0 | 0.28 | 0.10 | 4.4 | 0.241 | 1.36 | 2.1 |
| 1924147 |  | 45.7 | 55.6 | 0.002 | 0.51 | 6.48 | 10.7 | 1 | 0.9 | 219 | 0.31 | 0.06 | 5.2 | 0.239 | 1.04 | 2.4 |
| J924148 |  | 91.2 | 67.4 | 0.005 | 1.06 | 4.97 | 13.4 | 3 | 1.1 | 229 | 0.25 | 0.15 | 4.2 | 0.251 | 1.38 | 1.7 |
| J 924149 |  | 83,5 | 68.5 | 0.003 | 0.98 | 4.73 | 14.1 | 2 | 1.0 | 182.5 | 0.26 | 0.19 | 4.1 | 0.282 | 1.29 | 1.7 |
| 1924150 |  | 246 | 66.7 | 0.005 | 1.35 | 4.13 | 12.7 | 2 | 1.1 | 165.5 | 0.25 | 0.21 | 3.8 | 0.283 | 1.28 | 1.6 |
| J924151 |  | 80.0 | 84.2 | 0.005 | 1.12 | 3.40 | 12.1 | 2 | 1.1 | 180.5 | 0.27 | 0.16 | 3,9 | 0.268 | 1.47 | 1.7 |
| J 24152 |  | 98.8 | 71.4 | 0.005 | 1.16 | 3.68 | 13.2 | 2 | 1.1 | 163.5 | 0.26 | 0.20 | 4.3 | 0.267 | 1.50 | 1.8 |
| 1924153 |  | 77.3 | 72.3 | 0.004 | 0.90 | 3.56 | 13.3 | 2 | 1.2 | 143.5 | 0.25 | 0.15 | 4.6 | 0.258 | 1.39 | 1.9 |
| J924154 |  | 87.4 | 70.5 | 0.005 | 2.10 | 2.88 | 11.3 | 4 | 1.7 | 195.0 | 0.22 | 0.25 | 4.7 | 0.230 | 1.14 | 1.7 |
| 1924155 |  | 54.0 | 72.3 | 0.002 | 0.94 | 3.02 | 14.6 | 2 | 1.1 | 168.5 | 0.22 | 0.22 | 2.7 | 0.341 | 1.28 | 1.5 |
| 1924156 |  | 25.5 | 58.9 | $<0.002$ | 0.51 | 2.63 | 14.5 | 2 | 1.0 | 188.0 | 0.22 | 0.23 | 2.2 | 0.342 | 1.05 | 1.1 |
| 1924157 |  | 69.3 | 86.0 | 0.003 | 0.87 | 5.32 | 13.0 | 2 | 1.2 | 170.0 | 0.26 | 0.16 | 5.0 | 0.258 | 1.21 | 2.3 |
| 1924158 |  | 55.7 | 60.7 | 0.003 | 0.73 | 4.71 | 11.6 | 2 | 1.1 | 144.5 | 0.25 | 0.13 | 5.5 | 0.242 | 1.21 | 2.7 |
| 1924159 |  | 44.0 | 52.1 | 0.002 | 0.68 | 7.11 | 10.4 | 2 | 1.1 | 133.5 | 0.25 | 0.10 | 3.8 | 0.237 | 1.22 | 1.8 |
| 1924160 |  | 58.2 | 56.3 | 0.003 | 0.68 | 8.52 | 12.0 | 1 | 1.0 | 171.0 | 0.23 | 0.10 | 4.3 | 0.247 | 1.10 | 2.0 |
| 1924161 |  | 54.0 | 51.8 | 0.007 | 0.84 | 8.34 | 10.6 | 2 | 1.0 | 152.5 | 0.24 | 0.14 | 4.3 | 0.230 | 1.14 | 2.0 |
| 1924162 |  | 108.5 | 46.8 | 0.008 | 1.55 | 3.17 | 12.4 | 2 | 1.4 | 159.0 | 0.22 | 0.20 | 3.2 | 0.279 | 1.06 | 1.3 |
| 1924763 |  | 7.8 | 2.3 | $<0.002$ | 0.13 | 4.73 | 13.8 | 1 | 0.9 | 677 | 0.27 | <0.05 | 2.2 | 0.470 | 0.10 | 0.9 |
| J924764 |  | 53.4 | 57.2 | 0.004 | 0.99 | 3.36 | 11.0 | 2 | 1.1 | 189.5 | 0.28 | 0.14 | 4.4 | 0.237 | 1.25 | 2.0 |
| 1924165 |  | 47.5 | 59.0 | 0.004 | 0.94 | 3.67 | 12.0 | 2 | 1.1 | 179.0 | 0.26 | 0.15 | 4.9 | 0.260 | 1.17 | 2.0 |
| 1924166 |  | 57.7 | 38.0 | 0.003 | 1.28 | 7.35 | 11.7 | 2 | 1.2 | 203 | 0.28 | 0.18 | 3.4 | 0.274 | 1.14 | 1.7 |
| 1924167 |  | 113.5 | 55.9 | 0.003 | 1.47 | 4.04 | 14.6 | 2 | 1.1 | 185.5 | 0.24 | 0.40 | 3.2 | 0.325 | 1.10 | 1.3 |

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To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1 LT

Page: 4 - D
Total \# Pages: 5 (A - D) Plus Appendix Pages Finalized Date: 31-AUG-2010 Account: RLH

Project: 677
CERTIFICATE OF ANALYSIS VA10105033

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ V \\ \text { Ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ W \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ y \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSf1 } \\ \text { Zn } \\ \mathrm{ppm} \\ 2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Zr } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { Ag-OG62 } \\ \text { Ag } \\ \text { ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { Pb-OGE2 } \\ \mathrm{Pb} \\ \% \\ 0.001 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924128 |  | 67 | 1.9 | 9.7 | 263 | 46.1 |  |  |
| 1924129 |  | 83 | 2.2 | 10.4 | 772 | 37.7 |  |  |
| J924130 |  | 88 | 1.9 | 9.7 | 559 | 43.1 |  |  |
| J924131 |  | 84 | 1.7 | 9.7 | 231 | 42.7 |  |  |
| 1924132 |  | 93 | 1.7 | 9.0 | 441 | 34.9 |  |  |
| 1924133 |  | 93 | 1.6 | 10.0 | 506 | 42.0 |  |  |
| 1924134 |  | 96 | 1.6 | 9.5 | 343 | 39.7 |  |  |
| 1924135 |  | 90 | 1.5 | 9.4 | 342 | 38.7 |  |  |
| 1924136 |  | 106 | 1.5 | 11.6 | 256 | 31.0 |  |  |
| 1924137 |  | 82 | 1.3 | 11.0 | 358 | 39.9 |  |  |
| 1924138 |  | 87 | 1.6 | 11.0 | 215 | 51.0 |  |  |
| 1924139 |  | 128 | 1.0 | 14.1 | 115 | 137.5 |  |  |
| 1924140 |  | 97 | 1.6 | 10.7 | 252 | 40.0 |  |  |
| 1924141 |  | 91 | 1.5 | 11.8 | 248 | 33.8 |  |  |
| 1924142 |  | 97 | 1.8 | 10.4 | 287 | 33.7 |  |  |
| J 924143 |  | 99 | 3.5 | 11.3 | 203 | 23.7 |  |  |
| 1924144 |  | 103 | 2.1 | 11.7 | 237 | 28.6 |  |  |
| J924145 |  | 89 | 1.5 | 11.0 | 350 | 35.5 |  |  |
| 1924146 |  | 90 | 1.4 | 11.8 | 476 | 39.4 |  |  |
| 1924147 |  | 78 | 1.0 | 11.9 | 303 | 54.0 |  |  |
| J924148 |  | 106 | 1.1 | 12.8 | 316 | 34.3 |  |  |
| 1924149 |  | 104 | 1.3 | 11.6 | 300 | 34.1 |  |  |
| 1924150 |  | 100 | 1.6 | 10.5 | 329 | 29.5 |  |  |
| 1924151 |  | 97 | 1.7 | 10.6 | 272 | 36.6 |  |  |
| 1924152 |  | 103 | 1.8 | 12.1 | 286 | 34.8 |  |  |
| 1924153 |  | 96 | 2.1 | 11.6 | 326 | 35.0 |  |  |
| 1924154 |  | 101 | 2.1 | 10.4 | 328 | 31.4 |  |  |
| 1924155 |  | 113 | 2.6 | 13.3 | 335 | 25.7 |  |  |
| 9924156 |  | 112 | 1.9 | 12.3 | 345 | 31.5 |  |  |
| \$924157 |  | 94 | 2.1 | 12.2 | 267 | 35.8 |  |  |
| 1924158 |  | 92 | 1.8 | 11.2 | 260 | 33.7 |  |  |
| 1924159 |  | 87 | 1.8 | 9.8 | 217 | 31.9 |  |  |
| 1924160 |  | 89 | 1.8 | 10.8 | 237 | 35.1 |  |  |
| 1924161 |  | 87 | 1.8 | 10.3 | 202 | 30.3 |  |  |
| 1924362 |  | 102 | 1.7 | 9.5 | 269 | 26.7 |  |  |
| 1924163 |  | 137 | 2.1 | 14.6 | 110 | 155.0 |  |  |
| 1924164 |  | 87 | 2.0 | 11.0 | 226 | 38.8 |  |  |
| J 924165 |  | 96 | 2.1 | 11.9 | 249 | 33.3 |  |  |
| J924166 |  | 102 | 2.4 | 10.3 | 241 | 31.8 |  |  |
| J924167 |  | 115 | 1.7 | 12.0 | 353 | 30.0 |  |  |

***** See Appendix Page for comments regarding this certificate *****

TO: WALLBRIDGE MINING COMPANY LTD.

Project: 677

| Sample Description | Method Analyte Units LOR | WEI-21 <br> Recvd Wt. $\mathrm{kg}$ $0,02$ | $\begin{gathered} \mathrm{Au}-[C P Z 7 \\ \mathrm{Au} \\ \mathrm{ppm} \\ 0.001 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ag } \\ \text { PPm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{Al} \\ \neq \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { AS } \\ \text { PPm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Ba } \\ \text { Ppm } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MS6\} } \\ \text { He } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Bi} \\ \mathrm{PPm} \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ \text { Ca } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cd } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \mathrm{Ce} \\ \mathrm{ppm} \\ 0.01 \end{gathered}$ | ME-MS61 <br> Co <br> ppm <br> 0.1 | ME-MS6 $\uparrow$ <br> Cr <br> ppm <br> 1 | $\begin{gathered} \text { ME-MS61 } \\ \text { Cs } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Cu } \\ \text { ppm } \\ 0.2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924168 |  | 4.56 | 0.011 | 1.98 | 7.00 | 32.0 | 560 | 1.15 | 1.00 | 2.20 | 1.07 | 20.1 | 13.7 | 43 | 8.83 | 57.9 |
| 1924169 |  | 3.92 | 0.012 | 2.10 | 7.67 | 40.0 | 500 | 1.27 | 1.39 | 2.18 | 1.25 | 21.8 | 14.2 | 38 | 11.20 | 73.3 |
| 1924170 |  | 4.72 | 0.007 | 1.54 | 7.34 | 25.1 | 530 | 1.10 | 1.34 | 2.38 | 1.31 | 24.0 | 11.3 | 35 | 8.99 | 99.5 |
| 1924171 |  | 4.38 | 0.008 | 1.87 | 8.99 | 36.0 | 500 | 1.04 | 1.27 | 2.16 | 1.61 | 21.9 | 11.8 | 34 | 8.72 | 78.4 |
| 1924172 |  | 5.08 | 0.007 | 1.54 | 7.04 | 33.5 | 480 | 0.84 | 1.05 | 2.13 | 1.42 | 17.40 | 10.0 | 31 | 7.14 | 60.4 |
| 1924173 |  | 4.34 | 0.006 | 1.75 | 7.22 | 39.1 | 540 | 1.00 | 1,28 | 2.46 | 1.74 | 22.6 | 11.7 | 33 | 8.77 | 74.6 |
| 1924174 |  | 4.42 | 0.007 | 1,58 | 7.23 | 39,2 | 520 | 1.11 | 1.38 | 2.48 | 1.87 | 20.8 | 12.4 | 34 | 8.52 | 75.5 |
| 1924175 |  | 4,58 | 0.008 | 1.67 | 7.49 | 39.8 | 460 | 1,05 | 1,30 | 2.41 | 1.22 | 24.9 | 12.3 | 32 | 10.35 | 72.4 |
| 1924176 |  | 2.30 | 0.012 | 1.87 | 7.30 | 41.6 | 500 | 1.22 | 1.39 | 2.09 | 0.81 | 24.0 | 14.3 | 32 | 11.80 | 73.8 |
| 1924177 |  | 2.84 | 0.007 | 1.41 | 7.32 | 28.7 | 590 | 1.03 | 1.09 | 2.42 | 0.43 | 22.9 | 13.4 | 39 | 8.99 | 58.5 |
| 1924178 |  | 4.38 | 0.001 | 0.59 | 6.86 | 9.2 | 580 | 1.02 | 0.49 | 2.74 | 0.31 | 18.75 | 11.3 | 45 | 7.80 | 47.9 |
| 1924179 |  | 4.22 | 0.010 | 2.19 | 7.80 | 45.5 | 570 | 1.27 | 1.29 | 2.01 | 1.43 | 25.5 | 15.1 | 32 | 12.65 | 77.9 |
| 1924180 |  | 4.46 | 0.003 | 0.79 | 7.24 | 14.4 | 540 | 1.02 | 0.65 | 2.61 | 0.42 | 20.5 | 11.7 | 43 | 8.24 | 46.3 |
| 1924181 |  | 4.50 | 0.004 | 1.02 | 7.02 | 15.1 | 540 | 0.87 | 0.83 | 2.51 | 0.48 | 19.95 | 12.3 | 41 | 6.46 | 44.2 |
| 1924182 |  | 4.32 | 0.002 | 2.19 | 7.35 | 10.5 | 490 | 0.96 | 0.65 | 2.78 | 0.45 | 21.1 | 13.4 | 46 | 5.67 | 39.2 |
| 1924183 |  | 4.18 | 0.002 | 0.95 | 7.48 | 9.8 | 530 | 0.87 | 0.84 | 2.48 | 0.39 | 22.1 | 12.4 | 50 | 6.12 | 68.6 |
| 1924184 |  | 4.40 | 0.003 | 1.14 | 6.94 | 11.5 | 590 | 0.83 | 0.81 | 2.88 | 0.43 | 20.9 | 12.1 | 42 | 7.07 | 41.6 |

To: WALLBRIDGE MINING COMPANY LTD. 129 FIELDING RD LIVELY ON P3Y 1L7

Page: 5-B
2103 Dollarton Hwy
North Vancouver BC V7H OA7
Total \# Pages: 5 (A - D)
Plus Appendix Pages Finalized Date: 31 -AUG-2010 Account: RLH

Project: 677
minerals

| Sample Description | Method Analyte Units L.OR | $\begin{gathered} \text { ME-MSE1 } \\ F e \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ge } \\ \text { Ppm } \\ \mathbf{0 . 0 5} \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Hf } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { In } \\ \text { Ppmm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS } \mathrm{M} \text { 1 } \\ \text { La } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Li } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ M_{g} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mn } \\ \text { Ppm } \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { MO } \\ \text { Ppm } \\ 0,05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Na } \\ \varnothing \\ 0,01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Nb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ \mathrm{Ni} \\ \text { Ppm } \\ \mathrm{D} .2 \end{gathered}$ | $\begin{gathered} M E-M S 6 \uparrow \\ P \\ \mathrm{PPm} \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924168 |  | 3.69 | 15.85 | 0.16 | 1.0 | 0.095 | 1.74 | 8.2 | 40.8 | 1.37 | 927 | 4.39 | 2.08 | 3.1 | 26.8 | 620 |
| 1924169 |  | 3.72 | 16,55 | 0.16 | 0.9 | 0.111 | 1.96 | 9.3 | 36.0 | 1.35 | 867 | 4.82 | 1.99 | 2.9 | 24.7 | 610 |
| J924170 |  | 3,27 | 15.95 | 0.19 | 0.8 | 0.083 | 1.82 | 10.4 | 50.3 | 1.18 | 858 | 11.10 | 1.97 | 2.9 | 19.7 | 550 |
| 1924171 |  | 3.28 | 15,30 | 0.17 | 0.9 | 0.112 | 1.76 | 9.3 | 23.8 | 1.09 | 736 | 6.88 | 2.07 | 3.1 | 19.4 | 540 |
| 1924172 |  | 3.13 | 12.95 | 0.11 | 0.8 | 0.099 | 1.72 | 7.4 | 20.2 | 1.04 | 681 | 4.11 | 2.14 | 2.5 | 16.4 | 510 |
| 1924173 |  | 3.32 | +5,80 | 0.16 | 0.9 | 0.119 | 1.76 | 9.8 | 39.0 | 1.11 | 756 | 4,59 | 2.24 | 3.0 | 18.5 | 540 |
| J924174 |  | 3.47 | 16,10 | 0.17 | 0.9 | 0.125 | 1.79 | 8.9 | 32.0 | 1.05 | 741 | 5.22 | 2.25 | 3.1 | 20.4 | 550 |
| 1924175 |  | 3.29 | 15.85 | 0.17 | 0.8 | 0.116 | 1.72 | 11.2 | 28.9 | 1.08 | 736 | 4.96 | 2.12 | 2.9 | 19.8 | 550 |
| 1924176 |  | 3.30 | 16.15 | 0.15 | 0.8 | 0.122 | 1.72 | 10.4 | 36.8 | 1.07 | 674 | 7.09 | 2.13 | 2.9 | 22.1 | 540 |
| 1924177 |  | 3.45 | 15.80 | 0.16 | 1.0 | 0.087 | 1.72 | 9.8 | 60.9 | 1.19 | 832 | 4.23 | 2.14 | 3.0 | 24.4 | 550 |
| 1924178 |  | 3.16 | 15.60 | 0.16 | 1.1 | 0,062 | 1.67 | 7.7 | 67.8 | 1,26 | 875 | 2.40 | 2,07 | 3.0 | 23.2 | 520 |
| 1924179 |  | 3.13 | 16.50 | 0.16 | 0.8 | 0.109 | 1.88 | 11.4 | 24.7 | 1.01 | 623 | 7.19 | 2.26 | 2.9 | 20.3 | 570 |
| 1924180 |  | 3.50 | 15.50 | 0.18 | 1.1 | 0.071 | 1.64 | 8.6 | 105.5 | 1.38 | 963 | 2.76 | 2.14 | 3.1 | 23.6 | 580 |
| 1924181 |  | 3.25 | 15.75 | 0.17 | 1.1 | 0.088 | 1.58 | 8.3 | 63.6 | 1.27 | 907 | 5.75 | 2.28 | 3.0 | 24.2 | 570 |
| 1924182 |  | 3.88 | 16.00 | 0.17 | 1.2 | 0.068 | 1.42 | 8.5 | 79.3 | 1.58 | 1060 | 2.41 | 2.54 | 3.3 | 27.2 | 650 |
| 1924183 |  | 3.47 | 16.35 | 0.19 | 1.2 | 0.065 | 1.56 | 9.3 | 66.9 | 1.34 | 881 | 1.89 | 2.45 | 3.4 | 27.1 | 630 |
| 1924784 |  | 3.22 | 15.05 | 0.18 | 1.1 | 0.058 | 1.59 | 8.5 | 132.0 | 1.24 | 962 | 2.66 | 2.22 | 2.9 | 25.5 | 570 |

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To: WALLBRIDGE MINING COMPANY LTD. 129 FIELDING RD
LIVELY ON P3Y 1L7

Page: 5-C
Total \# Pages: 5 ( $A-D$ ) Plus Appendix Pages Finalized Date: 31-AUG-2010 Account: RLH

Project: 677
minerals
CERTIFICATE OF ANALYSIS VA10105033

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Pb } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Rb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS51 } \\ R e \\ \text { Ppm } \\ 0,002 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{S} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sb } \\ \text { PpIm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sc } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Se } \\ \text { Ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \text { Sn } \\ \text { Ppm } \\ \text { D. } 2 \end{gathered}$ | $\begin{gathered} \text { ME.-MS61 } \\ \text { Sr } \\ \text { Ppril } \\ 0.2 \end{gathered}$ | ME-MS61 <br> Ta <br> ppm <br> 0.05 | ME-MS61 <br> Te <br> ppm <br> 0.05 | $\begin{gathered} \text { ME-MS61 } \\ \text { Th } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ T i \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { TI } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { U } \\ \text { ppm } \\ 0.1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924168 |  | 88.6 | 46.7 | 0.006 | 1.62 | 4.80 | 11.8 | 2 | 1.2 | 231 | 0.24 | 0.32 | 3.2 | 0.280 | 1.02 | 1.3 |
| 1924169 |  | 134.0 | 51.7 | 0.007 | 1.89 | 5.14 | 12.0 | 2 | 1.3 | 216 | 0.24 | 0.40 | 3.7 | 0.266 | 1.16 | 1.6 |
| 1924170 |  | 118.5 | 56.6 | 0.009 | 1.48 | 4.18 | 11.4 | 2 | 1.4 | 226 | 0.24 | 0.31 | 5.1 | 0.230 | 1.08 | 1.9 |
| 1924171 |  | 98.2 | 51.1 | 0.010 | 1.67 | 4.34 | 10.5 | 2 | 1.4 | 209 | 0.25 | 0.34 | 4.4 | 0.239 | 1.03 | 1.8 |
| 1924172 |  | 100,5 | 39.4 | 0.006 | 1.79 | 4.16 | 8.8 | 2 | 1.1 | 219 | 0.20 | 0.31 | 3.3 | 0.240 | 0.85 | 1.5 |
| J924173 |  | 88.3 | 53.1 | 0.007 | 1.91 | 4.58 | 10.9 | 2 | 1.4 | 237 | 0.26 | 0,37 | 4.5 | 0.249 | 1.06 | 1.8 |
| J924174 |  | 10 B .5 | 48.0 | 0.007 | 2.05 | 4.76 | 10.8 | 3 | 1.5 | 244 | 0.25 | 0.40 | 4.5 | 0.245 | 1.07 | 1.7 |
| 1924175 |  | 106.5 | 55.6 | 0.007 | 1.88 | 4.67 | 11,1 | 3 | 1.3 | 249 | 0.23 | 0.41 | 5.1 | 0.237 | 1.02 | 2.0 |
| 1924176 |  | 83.1 | 48.1 | 0.007 | 1.84 | 4.71 | 11.3 | 2 | 1.3 | 252 | 0.24 | 0.42 | 4.5 | 0.231 | 1.09 | 2.1 |
| 1924177 |  | 51.4 | 46.9 | 0.005 | 1,34 | 4,62 | 11.5 | 2 | 1.3 | 227 | 0.24 | 0.27 | 4.4 | 0. 243 | 1.00 | 1.6 |
| J924178 |  | 44.7 | 38.5 | 0.002 | 1.29 | 3.01 | 11.3 | 2 | 1.0 | 235 | 0.25 | 0.15 | 3.4 | 0.248 | 0.95 | 1.4 |
| 1924179 |  | 123.0 | 56.9 | 0.010 | 1.77 | 6.47 | 11.2 | 3 | 1.4 | 308 | 0.24 | 0.41 | 4.9 | 0.230 | 1.15 | 2.9 |
| 1924180 |  | 53.7 | 39.4 | 0.002 | 1.05 | 4.42 | 11.9 | 2 | 1.1 | 231 | 0.24 | 0.18 | 3.3 | 0.270 | 1.00 | 1.3 |
| 1924181 |  | 66.9 | 37.3 | 0.003 | 1.11 | 5.79 | 11.1 | 2 | 1.1 | 215 | 0.24 | 0.24 | 3.2 | 0.251 | 1.01 | 1.3 |
| 1924182 |  | 47.5 | 36.6 | 0.004 | 0.96 | 6.37 | 12.7 | 2 | 1.1 | 280 | 0.27 | 0.19 | 3.2 | 0.289 | 0.80 | 1.2 |
| J 924183 |  | 83.4 | 39.8 | 0.004 | 0.91 | 6,00 | 12.5 | 2 | 1.2 | 247 | 0.27 | 0.24 | 3.7 | 0.284 | 0.87 | 1,5 |
| 1924184 |  | 31.9 | 41.1 | 0.002 | 0.90 | 7.72 | 11.3 | 2 | 1.0 | 224 | 0.24 | 0.24 | 3.7 | 0.246 | 0.87 | 1.5 |



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To: WALLBRIDGE MINING COMPANY LTD.

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Project: 677
CERTIFICATE OF ANALYSIS VA10105033

| ME-MS6 | CERTIFICATE COMMENTS |
| :--- | :--- |
| REE's may not be totally soluble in this method. |  |

ALS Canada Ltd.
To: WALLBRIDGE MINING COMPANY LTD.

## CERTIFICATE VA10105034

## Project: 677 <br> P.O. No.: 677100006

This report is for 100 Drill Core samples submitted to our lab in Vancouver, BC,
Canada on 3-AUG-2010.
The following have access to data associated with this certificate:

| PETER ANDERSEN |  |  |
| :--- | :--- | :--- |
| CLINTON SMYTH | BRUCE JAGO | ACCOUNTS PAYABLE |


| SAMPLE PREPARATION |  |  |  |
| :--- | :--- | :--- | :---: |
| ALS CODE | DESCRIPTION |  |  |
| WEl-21 | Received Sample Weight |  |  |
| LOG-22 | Sample login - Rcd w/o BarCode |  |  |
| CRU-31 | Fine crushing $-70 \%<2 \mathrm{~mm}$ |  |  |
| SPL-21 | Split sample - riffle splitter |  |  |
| PUL-32 | Pulverize 1000 g to $85 \%<75 \mathrm{um}$ |  |  |
| BAG-01 | Bulk Master for Storage |  |  |
| CRU-QC | Crushing QC Test |  |  |
| PUL-QC | Puiverizing QC Test |  |  |
|  |  |  |  |
|  | ANALYTICAL PROCEDURES |  |  |
| ALS CODE | DESCRIPTION |  |  |
| Au-ICP21 | Au 30g FA ICP-AES Finish | INSTRUMENT |  |
| ME-MS61 | 4B element four acid ICP-MS | ICP-AES |  |

To: WALLBRIDGE MINING COMPANY LTD.
ATTN: PETER ANDERSEN
129 FIELDING RD
LIVELY ON P3Y 1L7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager

Total \# Pages: 4 (A - D)
Plus Appendix Pages Finalized Date: 30-AUG-2010 Account: RLH

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | WEI-21 Recud Wt. kg 0.02 | $\begin{gathered} \mathrm{Au}-\mathrm{CCP} 21 \\ \mathrm{Au} \\ \text { ppm } \\ 0.001 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \text { A.g } \\ \text { ppm } \\ \text { 0.01 } \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ A 1 \\ \phi \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { As } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ 8 \mathrm{a} \\ \text { Ppm } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Be } \\ \text { Ppit } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ B i \\ \text { pPm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ca } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cd } \\ \text { Ppm } \\ 0,02 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Ce } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Co } \\ \text { PPm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Cr } \\ \text { ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cs } \\ \text { PPm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Cu} \\ \text { Ppm } \\ 0.2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924185 |  | 1.84 | 0,005 | 1.00 | 6.93 | 14.9 | 570 | 0.91 | 0.87 | 2.86 | 0.45 | 18.65 | 12.6 | 40 | 10.85 | 64.4 |
| 1924186 |  | 4.40 | 0.008 | 0.78 | 7.29 | 4.7 | 800 | 1.02 | 0.62 | 2.57 | 0.36 | 23.3 | 11.7 | 52 | 7.96 | 21.9 |
| J924187 |  | 4.50 | <0.001 | 0.61 | 6.68 | 3.7 | 1030 | 1.00 | 0.47 | 2.80 | 0.46 | 20.4 | 8.5 | 47 | 7.18 | 34.5 |
| J924188 |  | 4.42 | 0.002 | 0.49 | 7.25 | 8.2 | 660 | 1.05 | 0.63 | 2.65 | 0.49 | 24.0 | 12.3 | 42 | 11.20 | 48.1 |
| 1924189 |  | 4.14 | 0.003 | 0.59 | 7.03 | 13.1 | 590 | 0.95 | 0.63 | 2.76 | 0.64 | 21.4 | 12.7 | 42 | 13.90 | 44.1 |
| 1924190 |  | 4.86 | 0.006 | 0.75 | 7.24 | 17.6 | 630 | 1.03 | 0.78 | 2.85 | 0.84 | 22.0 | 14.1 | 40 | 12.20 | 36.7 |
| 1924191 |  | 3.76 | 0.009 | 0.62 | 7.15 | 12.0 | 580 | 1.07 | 0.78 | 2.79 | 0.87 | 21.3 | 13,8 | 44 | 11.00 | 19.6 |
| 1924192 |  | 4,34 | 0.009 | 0.54 | 6,77 | 9.8 | 570 | 1.00 | 0,64 | 2.80 | 0.61 | 18.40 | 12.4 | 42 | 11.20 | 23.3 |
| 1924193 |  | 4.10 | 0.006 | 0.41 | 6.88 | 6.9 | 540 | 0.88 | 0.85 | 2.95 | 0.52 | 19.30 | 13.0 | 50 | 8.09 | 27.0 |
| J924194 |  | 4.90 | 0.011 | 0.58 | 7.48 | 18.0 | 550 | 1.07 | 0.63 | 2.68 | 0.57 | 21.5 | 13.9 | 42 | 13.95 | 38.1 |
| 1924195 |  | 4.16 | $<0.001$ | 0.10 | 8.80 | 0.3 | 350 | 0.95 | 0.03 | 6.06 | 0.10 | 28.3 | 28.1 | 131 | 2.10 | 41.3 |
| 1924196 |  | 6.06 | 0.002 | 0.11 | 8.58 | 1.1 | 300 | 0.96 | 0.03 | 5.98 | 0.11 | 25.4 | 29.0 | 135 | 1.84 | 3.0 |
| 1924197 |  | 4.24 | 0.004 | 0.49 | 7.81 | 22.8 | 510 | 1.14 | 0.53 | 2.84 | 0.24 | 21.8 | 15.3 | 69 | 8.84 | 30.3 |
| \$924198 |  | 3.92 | 0.003 | 0.37 | 7.36 | 9.8 | 410 | 0.96 | 0.47 | 2.92 | 0.21 | 20.4 | 14.4 | 54 | 7.52 | 20.4 |
| 1924199 |  | 4.66 | 0.004 | 0.50 | 7.43 | 14.0 | 440 | 0.97 | 0.60 | 2.67 | 0.27 | 19.40 | 15.6 | 52 | 7.44 | 26.7 |
| 1924200 |  | 4.66 | 0,004 | 0.70 | 7.51 | 10.1 | 620 | 0.92 | 0.58 | 3.09 | 0.28 | 24.4 | 12.4 | 39 | 7.01 | 46.6 |
| 1924201 |  | 3.30 | 0,007 | 1.03 | 7.39 | 11.3 | 570 | 1.04 | 0.68 | 2.78 | 0.33 | 25.6 | 13.7 | 43 | 6.65 | 50.0 |
| 1924202 |  | 3.60 | 0.005 | 0.78 | 7.05 | 9.9 | 640 | 1.01 | 0.78 | 2.31 | 0.15 | 23.3 | 12.3 | 47 | 6.81 | 40.3 |
| 1924203 |  | 3.98 | 0.001 | 0.53 | 7.39 | 6.8 | 600 | 1.01 | 0,58 | 2.78 | 0.16 | 24.5 | 13.1 | 51 | 6.44 | 34.0 |
| 1924204 |  | 4.52 | 0.002 | 0.47 | 7.27 | 8.5 | 530 | 0.90 | 0.57 | 2.81 | 0.16 | 24.9 | 12.8 | 45 | 6.24 | 24.5 |
| J924205 |  | 4.86 | 0.003 | 0.53 | 7.00 | 6.3 | 530 | 1.06 | 0.68 | 2.51 | 0.13 | 26.1 | 12.2 | 42 | 6.03 | 56.5 |
| 1924206 |  | 4.12 | 0.002 | 0.57 | 7.05 | 7.9 | 510 | 1.06 | 0.63 | 2.43 | 0.19 | 25.2 | 13.0 | 48 | 6.35 | 35.2 |
| 1924207 |  | 4.60 | 0.003 | 0.86 | 7.01 | 10.1 | 500 | 1.02 | 0.81 | 2.21 | 0.26 | 23.1 | 13.3 | 46 | 8.13 | 57.7 |
| 192420日 |  | 4.16 | 0.003 | 0.82 | 7.99 | 14.2 | 520 | 1.23 | 0.52 | 1.30 | 0.37 | 24.8 | 19.2 | 65 | 17.30 | 29.5 |
| 1924209 |  | 3,82 | 0.001 | 1.08 | 7.66 | 10.5 | 630 | 1.34 | 1.02 | 1.57 | 0.33 | 28.6 | 16.6 | 86 | 13.55 | 30.4 |
| 1924210 |  | 4.76 | <0.001 | 0.25 | 7.20 | 2.7 | 590 | 1.26 | 0.31 | 2.16 | 0.19 | 23.4 | 11.0 | 59 | 8.63 | 15.1 |
| 1924211 |  | 4.60 | 0.003 | 0.49 | 7.48 | 7.6 | 670 | 1.03 | 0.56 | 2.13 | 0.25 | 24.1 | 12.5 | 50 | 8.39 | 41.8 |
| 1924212 |  | 4.50 | 0.001 | 0.28 | 7.04 | 3.6 | 940 | 1.01 | 0.35 | 2.52 | 0.31 | 25.3 | 10.5 | 41 | 7.36 | 27.3 |
| 1924213 |  | 4.34 | 0.002 | 0.41 | 7.12 | 3.8 | 580 | 1.01 | 0.51 | 2.24 | 0.27 | 25.2 | 11.8 | 50 | 7.64 | 35.3 |
| 1924214 |  | 4.56 | 0.003 | 0.57 | 7.43 | 7.1 | 610 | 1.11 | 0.59 | 2.02 | 0.19 | 25.2 | 14.5 | 54 | 8.82 | 34.6 |
| 1924215 |  | 4,38 | 0.001 | 0.60 | 7.37 | 11.5 | 560 | 1.08 | 1.10 | 1.96 | 0.40 | 28.0 | 13.6 | 50 | 9.19 | 57.0 |
| J924216 |  | 4.42 | 0.001 | 0.39 | 7.15 | 6.1 | 900 | 0.97 | 0.78 | 2.42 | 0.22 | 20.9 | 11.4 | 38 | 7.50 | 63.1 |
| 1924217 |  | 4.62 | 0.001 | 0.30 | 7.18 | 8.6 | 550 | 1.27 | 0.48 | 2.59 | 0.28 | 26.5 | 12.2 | 48 | 6.20 | 33.5 |
| 1924218 |  | 3.94 | 0.001 | 0.37 | 7.03 | 8.8 | 570 | 1.11 | 0.83 | 2.49 | 0.22 | 25.7 | 13.4 | 54 | 6.00 | 36.8 |
| 1924219 |  | 5.06 | $<0.001$ | 0.10 | 7.09 | 4.4 | 680 | 1.14 | 0.29 | 2.58 | 0.22 | 25.0 | 11.3 | 48 | 4.48 | 27.9 |
| 1924220 |  | 4.36 | 0.001 | 0.93 | 7.27 | 13.0 | 670 | 1.14 | 1.81 | 1.94 | 0.98 | 26.1 | 13.4 | 46 | 10.35 | 37.7 |
| 1924221 |  | 4.30 | 0.002 | 0.58 | 7.69 | 15.0 | 660 | 1.14 | 1.19 | 1.81 | 0.40 | 27.5 | 13.6 | 46 | 11.80 | 42.5 |
| 1924222 |  | 4.52 | 0.001 | 0.39 | 7.25 | 7.2 | 860 | 1.20 | 0.41 | 2,92 | 0.32 | 22.8 | 13.7 | 52 | 6.88 | 29.8 |
| J924223 |  | 4.22 | $<0.001$ | 0.23 | 7.15 | 11.2 | 740 | 1.21 | 0.23 | 3.07 | 0.39 | 23.3 | 12.3 | 68 | 5.51 | 42.4 |
| 1924224 |  | 4.18 | <0.001 | 0.38 | 7.10 | 9,5 | 670 | 1.13 | 0.33 | 2.44 | 0.22 | 22.2 | 12.4 | 51 | 6.63 | 44.7 |

***** See Appendix Page for comments regarding this certificate *****

Total \# Pages: 4 ( $\mathrm{A}-\mathrm{D}$ )

Project: 677
minerals

| Sample Description | Method Analyte Unîts LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Fe } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { MF--MS61 } \\ \text { Ga } \\ \text { ppin } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ge } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS67 } \\ H F \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { In } \\ \text { Ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { La } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Li } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{Mg} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mn } \\ \text { PPTm } \\ \mathbf{5} \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mo } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Na } \\ \neq \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Nb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ni} \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathbf{P} \\ \mathrm{ppm} \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J224185 |  | 3.26 | 15.95 | 0.18 | 1.1 | 0.069 | 1.80 | 7.8 | 166.5 | 1.11 | 898 | 3.57 | 2.18 | 3.0 | 22.8 | 550 |
| j924186 |  | 3.23 | 16.40 | 0.17 | 1.7 | 0.049 | 1.95 | 9.8 | 161.5 | 1.23 | 852 | 1.26 | 1.98 | 3.7 | 35.8 | 600 |
| 1924187 |  | 2.62 | 18.40 | 0.16 | 1.9 | 0.035 | 2.10 | 8.7 | 172.0 | 1.05 | 797 | 0.39 | 1.81 | 3.7 | 24.5 | 560 |
| 1924188 |  | 3.02 | 16.05 | 0.18 | 1.4 | 0.054 | 2.01 | 10.4 | 146.0 | 1.19 | 808 | 2.21 | 1.83 | 3.3 | 26.4 | 570 |
| 1924189 |  | 3.24 | 15.90 | 0.18 | 1.2 | 0.060 | 2.09 | 8.9 | 187.0 | 1.27 | 948 | 2.88 | 1.85 | 3.1 | 24.9 | 580 |
| 1924190 |  | 3.31 | 15.70 | 0.16 | 1.2 | 0.077 | 2.45 | 9.1 | 227 | 1.21 | 1360 | 2.91 | 1.20 | 3.2 | 25.6 | 580 |
| 1924191 |  | 3.48 | 16,10 | 0.18 | 1.1 | 0.119 | 2.44 | 8.7 | 253 | 1.23 | 1740 | 2.68 | 1.20 | 3.2 | 26.6 | 600 |
| 1924192 |  | 3.11 | 15.60 | 0.17 | 1.3 | 0.088 | 2,36 | 7.7 | 217 | 1.19 | 1400 | 3.14 | 1.20 | 3.3 | 25.4 | 570 |
| 1924193 |  | 3.36 | 15.25 | 0.16 | 1.2 | 0.052 | 1.88 | 7.7 | 135.0 | 1.33 | 1080 | 2.03 | 1.73 | 3.0 | 33.7 | 560 |
| 1924194 |  | 3.43 | 16.10 | 0.18 | 1.0 | 0.069 | 1.92 | 8.8 | 94.3 | 1.37 | 1060 | 2.90 | 2.06 | 3.1 | 26.7 | B30 |
| 1924195 |  | 5.16 | 16.45 | 0.23 | 2.8 | 0.051 | 0,60 | 12.0 | 21.6 | 3.15 | 1010 | 0.74 | 2.41 | 4.0 | 97.5 | 1130 |
| 1924196 |  | 5.25 | 16.65 | 0.22 | 2.6 | 0.055 | 0.58 | 10.6 | 18.7 | 3.39 | 975 | 0.75 | 2.41 | 4.0 | 102.0 | 1110 |
| 1924187 |  | 3.85 | 16.20 | 0.17 | 1.2 | 0.077 | 1.52 | 8.7 | 48.3 | 1.88 | 1080 | 1.30 | 2.35 | 3.4 | 33.3 | 740 |
| J924198 |  | 3.79 | 15.40 | 0.19 | 1.0 | 0.061 | 1.33 | 8.0 | 40.2 | 1.63 | 1220 | 1.17 | 2.44 | 3.2 | 25.4 | 890 |
| 1924199 |  | 4,07 | 16.05 | 0.19 | 0.9 | 0.060 | 1.44 | 7.6 | 53.5 | 1.71 | 1140 | 2,67 | 2.30 | 3.0 | 24.0 | 730 |
| J924200 |  | 3.37 | 16.20 | 0,19 | 1.2 | 0.060 | 1.62 | 10.3 | 38.4 | 1.35 | 999 | 2.15 | 2,22 | 3.2 | 23.3 | 650 |
| 1924201 |  | 3.57 | 18.15 | 0.14 | 1.2 | 0.058 | 1.46 | 11.0 | 72.4 | 1.57 | 917 | 2.37 | 2.29 | 3.4 | 23.5 | 650 |
| 1924202 |  | 3.11 | 17.40 | 0.10 | 1.3 | 0.052 | 1.55 | 9.9 | 43.7 | 1.32 | 707 | 2.92 | 2.23 | 3.5 | 26.0 | 590 |
| 1924203 |  | 3.46 | 17.75 | 0.13 | 1.4 | 0.051 | 1.49 | 10.5 | 58.3 | 1.51 | 844 | 2.13 | 2.31 | 3.6 | 26.1 | 630 |
| 1924204 |  | 3.52 | 17.20 | 0.14 | 1.1 | 0.081 | 1.35 | 11.1 | 52.8 | 1.54 | 871 | 2.71 | 2.39 | 3.4 | 22.5 | 650 |
| 1924205 |  | 3.25 | 17.25 | 0.14 | 1.4 | 0.056 | 1,38 | 11.4 | 62.2 | 1.44 | 767 | 1.88 | 2.21 | 3.6 | 22.4 | 610 |
| 1924206 |  | 3.34 | 17.55 | 0.14 | 1.4 | 0.055 | 1.37 | 10.9 | 76.5 | 1.55 | 830 | 2,67 | 2.28 | 3.6 | 25.1 | 610 |
| J924207 |  | 3.30 | 17.45 | 0.14 | 1.3 | 0.054 | 1.40 | 9.8 | 78.0 | 1.58 | 818 | 4.24 | 2.15 | 3.5 | 24.0 | 590 |
| 1924208 |  | 4.38 | 18.65 | 0.16 | 1.6 | 0.075 | 2.05 | 11.3 | 89.2 | 1.98 | 884 | 3,55 | 0.98 | 3.8 | 30.1 | 820 |
| 1924209 |  | 3.57 | 19,10 | 0.15 | 1.4 | 0.059 | 1.85 | 12.7 | 82.9 | 1.59 | 758 | 4.63 | 1.48 | 4.1 | 31.5 | 650 |
| J924210 |  | 2.99 | 18.45 | 0.11 | 1.3 | 0.039 | $\uparrow .71$ | 9.6 | 93.1 | 1.64 | 780 | 2.05 | 1.22 | 3.5 | 33.7 | 600 |
| 1924211 |  | 3.05 | 17.30 | 0.13 | 1.5 | 0.042 | 1.63 | 10.5 | 171.5 | 9.30 | 745 | 7.35 | 1.74 | 3.6 | 28.1 | 570 |
| J924212 |  | 3.05 | 17.60 | 0.18 | 2.1 | 0.033 | 1.65 | 10.8 | 140.0 | 1.51 | 906 | 3.18 | 1.74 | 3.8 | 26.2 | 520 |
| 1924213 |  | 2.99 | 17.60 | 0.15 | 2.0 | 0.028 | 1.55 | 10.9 | 213 | 1.40 | 790 | 3.75 | 1.83 | 3.8 | 27.6 | 550 |
| J924214 |  | 3.28 | 17.75 | 0.14 | 1.9 | 0.037 | 1,52 | 10.8 | 110.0 | 1.45 | 725 | 3.65 | 2.02 | 4.7 | 30,8 | 690 |
| J924215 |  | 3.26 | 18.15 | 0.14 | 1.6 | 0.054 | 1.60 | 12.9 | 59.5 | 1.32 | 749 | 4.55 | 2.17 | 4.0 | 27.0 | 580 |
| 1924216 |  | 3.00 | 17.45 | 0.14 | 1.4 | 0.059 | 1.82 | 8.8 | $68 . \mathrm{D}$ | 1.27 | 801 | 3.41 | 2.01 | 3.7 | 20.0 | 530 |
| 1924217 |  | 3.05 | 18.25 | 0.16 | $\uparrow .8$ | 0.048 | 1.33 | 11.7 | 72.9 | 1.41 | 862 | 1.84 | 2.23 | 4.0 | 26.4 | 570 |
| J924218 |  | 3.26 | 17.65 | 0.14 | 1.4 | 0,057 | 1.34 | 11.3 | 101.5 | 1.67 | 930 | 2.95 | 2.16 | 3.7 | 27.4 | 590 |
| 1924219 |  | 3.05 | 17.50 | 0.16 | 1.8 | 0.039 | 1.26 | 11.0 | 101.5 | 1.51 | 913 | 5.01 | 2.42 | 3.7 | 28.4 | 660 |
| J924220 |  | 3.24 | 18.45 | 0.14 | 1.5 | 0,176 | 1.76 | 11.2 | 46.6 | 1.47 | 931 | 6.49 | 1.93 | 4.2 | 25.5 | 610 |
| 1924221 |  | 3.50 | 18.95 | 0.16 | 1.4 | 0.122 | 1.82 | 11.9 | 39.6 | 1.57 | 1020 | 5.24 | 1.83 | 4.1 | 24.9 | 630 |
| J924222 |  | 3.14 | 17.60 | 0.15 | 1.8 | 0.037 | 1.37 | 9.9 | 46.2 | 1.42 | 1130 | 3.50 | 2.21 | 3.8 | 29,1 | 570 |
| 1924223 |  | 3.24 | 17.10 | 0.15 | 1.8 | 0.044 | 1.17 | 10.2 | 122.0 | 1.61 | 1120 | 0.81 | 2.29 | 3.8 | 37.6 | 550 |
| 1924224 |  | 3.05 | 17.20 | 0.15 | 1.9 | 0.046 | 1.41 | 9.9 | 74.1 | 1,37 | 881 | 1.49 | 2.23 | 3.8 | 30.7 | 580 |

Total \# Pages: 4 ( $\mathrm{A}-\mathrm{D}$ )
Plus Appendix Pages Finalized Date: 30-AUG-2010

Project: 677
minerals

|  |  |  |  |  |  |  |  |  | CERTIFICATE OF ANALYSIS |  |  |  |  | VA10105034 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Pb } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Rb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \operatorname{Re} \\ \mathrm{ppm} \\ 0.002 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{S} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sb } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Sc } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Se } \\ \text { ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Sn } \\ \text { Pprn } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sr } \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \mathrm{Ta} \\ \text { ppm } \\ \text { D. } 05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Te } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Th } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ti} \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { TI } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \vdots \\ \text { ppm } \\ 0.1 \end{gathered}$ |
| J924185 |  | 32.3 | 45.1 | 0.004 | 1.14 | 5.56 | 11.1 | 2 | 1.2 | 225 | 0.25 | 0.28 | 3.6 | 0.258 | 0.99 | 1.4 |
| J924186 |  | 35.2 | 53.6 | 0.002 | 0.55 | 3.11 | 11.5 | 2 | 1.0 | 244 | 0.30 | 0.29 | 5.6 | 0.264 | 1.08 | 2.0 |
| 1924187 |  | 26.9 | 46.0 | <0,002 | 0.25 | 5.66 | 9.6 | 1 | 0.9 | 285 | 0.33 | 0.11 | 4.2 | 0.233 | 1.22 | 2.0 |
| 1924188 |  | 25.8 | 55.3 | 0.003 | 0.77 | 4.73 | 11.6 | 2 | 1.0 | 210 | 0.27 | 0.18 | 4.6 | 0.244 | 1.13 | 1.8 |
| 1924189 |  | 20.3 | 53.4 | 0.003 | 0.81 | 5.59 | 11.7 | 2 | 1.1 | 186.0 | 0.25 | 0.19 | 3.4 | 0.261 | 1,22 | 1.4 |
| 5924190 |  | 23.3 | 63.4 | 0.003 | 0.98 | 10.20 | 12.1 | 2 | t. 1 | 166.5 | 0.26 | 0.21 | 3.7 | 0.268 | 1.36 | 1.6 |
| 1924191 |  | 26.6 | 62.6 | 0,003 | 0.98 | 5.33 | 13.1 | 2 | 1.1 | 116.0 | 0.26 | 0.20 | 3.3 | 0,276 | 1.44 | 1.4 |
| 1624192 |  | 23.4 | 56.3 | 0.003 | 0.87 | 4.99 | 11.5 | 2 | 1.0 | 126.5 | 0.27 | 0.17 | 3,3 | 0.266 | 1.37 | 1.5 |
| 1924193 |  | 21.7 | 41.8 | 0.002 | 0.70 | 4.47 | 11.4 | 2 | 0.8 | 186.0 | 0.25 | 0.13 | 3.4 | 0.245 | 1.10 1.15 | 1.4 |
| 1924194 |  | 30.2 | 45.3 | 0.004 | 0.70 | 4.55 | 12.4 | 2 | 1.0 | 189.0 | 0.24 | 0.19 | 3.4 | 0.273 | 1.15 | 1.3 |
| J924195 |  | 6.1 | 6.6 | 40.002 | 0.03 | 1.95 | 21.4 | 2 | 0.8 | 769 | 0.22 | $<0.05$ | 1.3 | 0.565 | 0.05 | 0.6 |
| 1924196 |  | 7.4 | 4.0 | $<0.002$ | 0.03 | 1.86 | 20.8 | 2 | 0.8 | 786 | 0.23 | $<0.05$ | 1.1 | 0.569 | 0.06 | 0.5 |
| 1924197 |  | 45.0 | 39.9 | 0.002 | 0.59 | 3.75 | 14.5 | 2 | 1.0 | 309 | 0.25 | 0.16 | 2.7 | 0.343 | 0.84 | 1.1 |
| J924198 |  | 37.0 | 37.2 | 0.002 | 0,87 | 2.81 | 14.4 | 2 | 0.9 | 235 | 0.23 | 0.19 | 2.1 | 0.317 | 0.79 | 0.8 |
| J924199 |  | 27.8 | 37.5 | 0.002 | 0.99 | 3.17 | 15.0 | 2 | 0.9 | 216 | 0.21 | 0.19 | 2.0 | 0.336 | 0.87 | 0.8 |
| 1924200 |  | 39.6 | 48.8 | 0.004 | 0.93 | 4.41 | 13.0 | 2 | 1.1 | 285 | 0.25 | 0.18 | 3.8 | 0.280 | 0.89 | 1.5 |
| 1924201 |  | 30.0 | 42.7 | 0.003 | 0.80 | 9.88 | 14.0 | 2 | 1.1 | 231 | 0.24 | 0.20 | 3.8 | 0.301 | 0.87 | 1.5 |
| 1924202 |  | 44.0 | 38.3 | 0.005 | 0.85 | 3.92 | 12.0 | 2 | 1.1 | 353 | 0.26 | 0.21 | 3.9 | 0.267 | 0.62 | 1.6 |
| 1924203 |  | 22.6 | 41.1 | 0.002 | 0.77 | 3.53 | 13.3 | 2 | 1.0 | 275 | 0.26 | 0.15 | 4.2 | 0.304 | 0.85 | 1.6 |
| 1924204 |  | 14.0 | 41.3 | 0.003 | 0.92 | 3.34 | 13.6 | 2 | 1.1 | 276 | 0.23 | 0.21 | 3.6 | 0.311 | 0.77 | 1.4 |
| 1924205 |  | 22.1 | 39.3 | 0.002 | 0.90 | 3.42 | 12.4 | 2 | 1.1 | 329 | 0.26 | 0.21 | 4.5 | 0.291 | 0.78 | 1.9 |
| J924206 |  | 20.1 | 38.5 | 0.003 | 0.90 | 4.11 | 12.8 | 2 | 1.1 | 282 | 0.25 | 0.22 | 4.3 | 0.294 | 0.74 | 1.8 |
| 1924207 |  | 35.4 | 36.0 | 0.003 | 1.04 | 5.95 | 12.8 | 3 | 1.1 | 263 | 0.25 | 0.24 | 3.8 | 0.298 | 0.78 | 1.7 |
| 1924208 |  | 124.0 | 56.4 | 0.004 | 2.85 | 2.78 | 17.8 | 3 | 1.0 | 174.5 | 0.26 | 0.57 | 2.6 | 0.408 | 1.10 | 1.2 |
| 1924209 |  | 65.2 | 53.1 | 0.012 | 1.48 | 3.80 | 14.6 | 4 | 1.3 | 223 | 0.29 | 0,53 | 3.7 | 0.323 | 1.19 | 1.7 |
| 1924210 |  | 18.3 | 34.4 | 0.002 | 0.71 | 3.37 | 11.8 | 2 | 1.5 | 247 | 0.27 | 0.07 | 4.0 | 0.274 | 1.03 | 1.7 |
| 1924211 |  | 21.1 | 38.0 | 0.178 | 1.16 | 2.64 | 11.6 | 3 | 1.5 | 322 | 0.28 | 0.17 | 4.8 | 0.283 | 1.01 | 2.2 |
| 1924212 |  | 13.4 | 35.4 | 0.016 | 0.58 | 2.62 | 10.8 | 2 | 1.3 | 283 | 0.33 | 0.13 | 6.1 | 0.246 | 1.17 | 2.7 |
| 1924213 |  | 18.7 | 35.4 | 0.012 | 0.75 | 2.22 | 11.5 | 2 | 1.3 | 261 | 0.31 | 0.17 | 5.2 | 0.271 | 1.29 | 2.3 |
| 1924214 |  | 32.9 | 35.2 | 0.015 | 0.97 | 2.96 | 12.2 | 3 | 1.4 | 365 | 0.35 | 0.18 | 4.8 | 0.329 | 0.94 | 2.1 |
| 1924215 |  | 53.0 | 48.2 | 0.010 | 1.36 | 3.17 | 12.1 | 3 | 1.3 | 333 | 0.31 | 0.24 | 5.8 | 0.284 | 1.05 | 2.6 |
| 1924216 |  | 20.1 | 40.9 | 0.005 | 0.98 | 3.03 | 10.5 | 2 | 1.2 | 278 | 0.29 | 0.19 | 4.5 | 0.258 | 1.01 | 2.1 |
| 1924217 |  | 21.2 | 32.6 | 0.002 | 0.71 | 3.67 | 11.4 | 2 | 1.1 | 331 | 0.31 | 0.15 | 5.4 | 0.268 | 0.71 | 2.5 |
| 1924218 |  | 35.0 | 33.3 | 0.003 | 0.82 | 3.45 | 13.1 | 2 | 1.0 | 305 | 0.27 | 0.15 | 4.5 | 0.300 | 0.72 | 2.0 |
| J924219 |  | 12.3 | 29.9 | 0.002 | 0.43 | 3.69 | 11.4 | 2 | 0.9 | 302 | 0.29 | 0.09 | 5.6 | 0.260 | 0.56 | 2.6 |
| J924220 |  | 116.5 | 40.8 | 0.002 | 1.08 | 2.49 | 12.0 | 2 | 1.4 | 252 | 0.31 | 0.28 | 4.3 | 0.300 | 1.38 | 1.9 |
| 1924221 |  | 113.5 | 47.6 | 0.003 | 1.37 | 2.40 | 12.9 | 3 | 1.1 | 270 | 0.29 | 0.32 | 4.3 | 0.307 | 1.40 | 1.8 |
| J924222 |  | 37.5 | 29.5 | 0.002 | 0.75 | 3.48 | 12.4 | 2 | 1.0 | 320 | 0.29 | 0.13 | 4.6 | 0.273 | 0.68 | 2.1 |
| 1924223 |  | 26.3 | 27.5 | $<0.002$ | 0.54 | 6.05 | 12.1 | 1 | 1.0 | 433 | 0.32 | 0.08 | 4.8 | 0.264 | 0,80 | 2.4 |
| 1924224 |  | 47.6 | 33.6 | 0.002 | 0.83 | 4.14 | 10.4 | 1 | 1.2 | 309 | 0.33 | 0.17 | 4.8 | 0.253 | 0.71 | 2.4 |

**** See Appendix Page for comments regarding this certificate *****

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To: WALLBRIDGE MINING COMPANY LTD.

Page: 2 - D
Total \# Pages: 4 ( $A-D$ ) Plus Appendix Pages Finalized Date: 30-AUG-2010

Project: 677
CERTIFICATE OF ANALYSIS VA10105034

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ V \\ \text { Ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ w \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ Y \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{ZH} \\ \mathrm{Ppm} \\ 2 \end{gathered}$ | ME-MS67 2r Ppm 0.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924185 |  | 92 | 1.4 | 10.0 | 161 | 33.1 |
| 1924186 |  | 89 | 1.1 | 10.4 | 187 | 55.1 |
| 1924187 |  | 80 | 1.0 | 8.3 | 147 | 60.1 |
| 1924188 |  | 92 | 1.3 | 10.3 | 170 | 44.0 |
| 1924189 |  | 95 | 1.8 | 9.9 | 170 | 35.6 |
| 1924190 |  | 96 | 2.3 | 10.3 | 152 | 33.6 |
| J924191 |  | 102 | 2.5 | 10.4 | 154 | 32.2 |
| 1924192 |  | 94 | 1.7 | 10.0 | 160 | 39.8 |
| 1924193 |  | 94 | 1.2 | 9.1 | 212 | 36.3 |
| 1924194 |  | 103 | 1.4 | 10.4 | 232 | 29.3 |
| J924195 |  | 173 | 0.2 | 17.2 | 77 | 98.5 |
| 1924196 |  | 176 | 0.2 | 16.1 | 81 | 96.0 |
| 1924197 |  | 124 | 1.2 | 11.3 | 218 | 38.7 |
| J924198 |  | 115 | 1.2 | 11.1 | 255 | 27.3 |
| J924199 |  | 122 | 1.3 | 10.6 | 248 | 23,8 |
| 1924200 |  | 102 | 1.0 | 11.3 | 216 | 34.9 |
| 1924201 |  | 103 | 1.3 | 12.4 | 200 | 35.7 |
| J924202 |  | 95 | 1.0 | 10.2 | 183 | 41.0 |
| 1924203 |  | 99 | 1.1 | 12.3 | 195 | 43.2 |
| J924204 |  | 103 | 1.3 | 12.2 | 177 | 34.1 |
| J924205 |  | 97 | 1.2 | 11.8 | 167 | 40.6 |
| 1924206 |  | 101 | 1.3 | 12.1 | 173 | 43.4 |
| 1924207 |  | 102 | 1.2 | 10.9 | 166 | 39.0 |
| 1924208 |  | 144 | 1.0 | 11.8 | 196 | 50,1 |
| 1924209 |  | 114 | 1.0 | 12.1 | 173 | 42.9 |
| 1924210 |  | 101 | 1.2 | 9.7 | 171 | 41.4 |
| 1924211 |  | 93 | 0.9 | 11.2 | 132 | 48.0 |
| 1924212 |  | 89 | 0.8 | 12.3 | 134 | 85.7 |
| 1924213 |  | 93 | 1.1 | 11.4 | 130 | 60.1 |
| 1924214 |  | 101 | 1.0 | 11.4 | 145 | 62.1 |
| 1924215 |  | 94 | 1.3 | 12,1 | 165 | 49.0 |
| 1924216 |  | 88 | 1.5 | 10.3 | 134 | 40.0 |
| 1924217 |  | 88 | 1.3 | 12.3 | 477 | 58.2 |
| J924218 |  | 99 | 1.2 | 11.8 | 187 | 44.1 |
| J924219 |  | 87 | 1.2 | 12.1 | 174 | 54.7 |
| 1924220 |  | 97 | 1.5 | 10.0 | 195 | 48.1 |
| 1924221 |  | 100 | 1.5 | 10.9 | 198 | 42.9 |
| 1924222 |  | 91 | 1.0 | 17.7 | 206 | 55.3 |
| 1924223 |  | 90 | 1.0 | 11.1 | 213 | 57.0 |
| 1924224 |  | 67 | 1.0 | 10.1 | 189 | 58.8 |

${ }^{* * * * *}$ See Appendix Page for comments regarding this certificate *****

ALS Cbnacia Ltd.
To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1L7

Project: 677
minerals
North Vancouver BC V7H OA7
Phone: 6049840221 Fax: 6049840218 www.alsglobal.com

| Sample Description | Method Analyte Units LOR | WEI-21 <br> Recvd Wt. <br> kg <br> 0,02 | $\begin{gathered} \text { Au-ICP21 } \\ \text { Au } \\ \text { Pprm } \\ \text { D,007 } \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ag } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { AI } \\ \varnothing \\ 0.01 \end{gathered}$ | ME-MS61 <br> As <br> ppm <br> 0.2 | $\begin{gathered} \text { ME-MS61 } \\ \text { Ba } \\ \text { Pptn } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MS6T } \\ \text { Be } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Bi } \\ \text { Pptn } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Ca } \\ \% \\ 0.01 \end{gathered}$ | ME-MS61 <br> Cd <br> ppm <br> 0.02 | $\begin{gathered} \text { ME-MS61 } \\ \text { Ce } \\ \text { ppm } \\ \text { 0.01 } \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Co } \\ \text { PPTn } \\ 0.1 \end{gathered}$ | ME-MS6 1 <br> Cr <br> ppm <br> 1 | $\begin{gathered} \text { ME-MS61 } \\ \text { Cs } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Cu } \\ \text { ppm } \\ 0.2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924225 |  | 4.54 | $<0.001$ | 0.32 | 6.81 | 6.2 | 870 | 1.08 | 0.31 | 2.65 | 0.25 | 20.8 | 10.3 | 46 | 5.69 | 56.4 |
| 1924226 |  | 4.36 | 0.001 | 0.21 | 7.06 | 5.4 | 710 | 1.00 | 0.26 | 3.19 | 0.23 | 21.7 | 10.8 | 52 | 5.16 | 30.6 |
| 1924227 |  | 4.76 | 0.002 | 0.21 | 6.97 | 11.1 | 840 | 0.92 | 0.28 | 3.43 | 0.14 | 23.1 | 9.2 | 45 | 5.50 | 19.3 |
| 1924228 |  | 5.02 | 0.002 | 0.39 | 7.41 | 13.6 | 790 | 0.94 | 0.32 | 2.75 | 0.27 | 24.1 | 12.1 | 44 | 6.85 | 30.0 |
| 1924229 |  | 5.00 | 0.003 | 0,35 | 6,87 | 7.7 | 540 | 0.93 | 0.32 | 2.38 | 0.39 | 21.8 | 11.8 | 53 | 4.87 | 19,3 |
| 1924230 |  | 3.42 | 0.003 | 0.28 | 6.94 | 8.1 | 430 | 0.74 | 0.18 | 2.57 | 0.17 | 19.70 | 9.8 | 54 | 3.90 | 14.0 |
| 1924231 |  | 4.30 | 0.011 | 0.54 | 7.15 | 16,5 | 510 | 0.81 | 0.37 | 2.91 | 0,37 | 23.2 | 13.6 | 57 | 7.03 | 29.2 |
| 1924232 |  | 4,54 | 0.013 | 0.44 | 7,37 | 59.2 | 540 | 0,86 | 0.33 | 2.91 | 0.99 | 21.8 | 18.9 | 52 | 17.10 | 28.4 |
| 1924233 |  | 4.76 | 0.014 | 1.34 | 7.40 | 49.6 | 520 | 0.96 | 1.14 | 2.72 | 2.44 | 19.40 | 18.6 | 57 | 22.5 | 64.0 |
| 1924234 |  | 4.00 | 0.030 | 1,B5 | 7.41 | 63.8 | 500 | 1.02 | 1.82 | 2.26 | 3.69 | 24.2 | 16.4 | 61 | 14.70 | 52.1 |
| 1924235 |  | 3.92 | 0.027 | 2.23 | 7.57 | 85.8 | 500 | 1.17 | 2.54 | 2.23 | 3.93 | 23.1 | 17.0 | 65 | 15.65 | 58.3 |
| 1924236 |  | 4.54 | 0.005 | 0.41 | 7.81 | 20.9 | 460 | 1.15 | 0.50 | 2.62 | 0.13 | 23.6 | 15.4 | 44 | 13.40 | 38.8 |
| 1924237 |  | 4.18 | 0.004 | 0.23 | B. 43 | 24.7 | 350 | 1.28 | 0.22 | 4.11 | 0.25 | 30.5 | 23.8 | 23 | 10.40 | 35.7 |
| 1924238 |  | 4.42 | 0.001 | 0.24 | 7.19 | 12.8 | 460 | 0.72 | 0.38 | 2.68 | 0.14 | 21.7 | 13.5 | 52 | 9,69 | 23.6 |
| 1924239 |  | 4,00 | 0.002 | 0.21 | 7.31 | 10.7 | 520 | 0.76 | 0.39 | 2.81 | 0.18 | 22.5 | 13.9 | 33 | 11.30 | 27.4 |
| 1924240 |  | 4.20 | 0.003 | 0,14 | 7.43 | 7.0 | 520 | 0.74 | 0.19 | 2.95 | 0.17 | 23.7 | 13.9 | 27 | 10.65 | 21.3 |
| 1924241 |  | 4.46 | 0.002 | 0.46 | 7.33 | 32.9 | 410 | 0.88 | 0.39 | 2.74 | 0.42 | 28.0 | 17.4 | 98 | 17.50 | 30.7 |
| 1024242 |  | 4.26 | 0.008 | 0.44 | 7.23 | 10.9 | 710 | 0,89 | 0.85 | 2.74 | 0.26 | 23.5 | 11,0 | 35 | 15.90 | 45.0 |
| 1924243 |  | 3,58 | 0.006 | 0.58 | 7.75 | 14.1 | 700 | 1.18 | 0.37 | 1,33 | 0.23 | 29.2 | 17,3 | 91 | 22.4 | 52.5 |
| 1924244 |  | 3.52 | 0.004 | 0.77 | 7.51 | 8.6 | 670 | 1.12 | 1.68 | 2.21 | 0.23 | 29.1 | 14.9 | 81 | 16.45 | 29.7 |
| 1924245 |  | 4.30 | 0.004 | 0.86 | 7.36 | 12.4 | 550 | 1.09 | 1.31 | 2.54 | 0.31 | 26.1 | 18.8 | 74 | 14.75 | 33.8 |
| J924246 |  | 5.26 | 0.003 | 0.84 | 7.16 | 16,3 | 540 | 1.22 | 0,91 | 2.14 | 0.36 | 25.3 | 17.5 | 68 | 15.10 | 38.9 |
| 1924247 |  | 4.22 | <0.001 | 0.40 | 7.32 | 15.3 | 640 | 1.31 | 0.54 | 1.82 | 0.33 | 27.5 | 11.1 | 29 | 14.40 | 25.3 |
| 1924248 |  | 4.72 | 0,001 | 0.29 | 7.44 | 18.1 | 810 | 1.34 | 0,36 | 1.50 | 0.15 | 29.4 | 9.9 | 25 | 13.65 | 1 B .5 |
| 1924249 |  | 4.00 | $<0.001$ | 0.21 | 7.25 | 15.5 | 700 | 1.14 | 0.26 | 1.79 | 0.16 | 26.4 | 9.6 | 25 | 10.70 | 18.7 |
| 1924250 |  | 3.94 | 0.001 | 0.18 | 7.74 | 15.9 | 800 | 1.08 | 0.44 | 2.07 | 0.14 | 27.2 | 11.0 | 26 | 11.05 | 24.0 |
| 1924251 |  | 2.52 | 0.001 | 0.14 | 6.84 | 8.2 | 820 | 0.00 | 0.30 | 3.15 | 0.24 | 21.8 | 9.7 | 27 | 6.23 | 13.4 |
| J924252 |  | 4.46 | $<0,001$ | 0.11 | 7.18 | 6.2 | 820 | 0.99 | 0.21 | 2.90 | 0.25 | 27.3 | 9.9 | 28 | 7.24 | 20.5 |
| J924253 |  | 4.20 | 0.001 | 0.20 | 7.09 | 8.1 | 830 | 0.80 | 0.25 | 2.70 | 0.33 | 26.3 | 10.7 | 23 | 5.95 | 18.0 |
| J924254 |  | 3.32 | $<0.001$ | 0.15 | 7.07 | 10.4 | 870 | 0.80 | 0.16 | 2.49 | 0.22 | 27.6 | 9.5 | 25 | 6.71 | 20.3 |
| J924255 |  | 4.98 | 0.001 | 0,28 | 7.03 | 22.5 | 640 | 1.14 | 0.18 | 2.71 | 0.24 | 24.1 | 9.3 | 25 | 14.80 | 43.7 |
| J924256 |  | 4.48 | 0.001 | 0.30 | 7.28 | 19.9 | 600 | 1.05 | 0.07 | 2.40 | 0.29 | 28.1 | 8.7 | 23 | 17.65 | 22.5 |
| 1924257 |  | 4.22 | $<0.001$ | 0.22 | 7.23 | 19.0 | 590 | 1.18 | 0.03 | 3.16 | 0.39 | 27.2 | 8.8 | 21 | 20.7 | 15.0 |
| J924258 |  | 4.80 | 0.003 | 0.29 | 7.53 | 13.8 | 660 | 0.95 | 0,32 | 3.08 | 0.34 | 26.0 | 11.6 | 34 | 14.80 | 19.9 |
| 1924259 |  | 2.02 | 0.001 | 0.62 | 7.49 | 20.8 | 640 | 0,88 | 0.70 | 3.38 | 0.57 | 26.0 | 13.2 | 23 | 11.50 | 25.3 |
| 1924260 |  | 5.08 | 0.001 | 2.63 | 7.34 | 56.9 | 480 | 0.89 | 4.91 | 2.08 | 4.30 | 20.5 | 16.7 | 26 | 21.3 | 34.1 |
| 1924261 |  | 3.10 | 0.002 | 1.72 | 7.11 | 53.3 | 150 | 0.61 | 3.38 | 3.20 | 13.95 | 20.4 | 15.2 | 9 | 15.60 | 18.5 |
| 1924262 |  | 4.82 | 0.001 | 0.55 | 6.92 | 43.2 | 260 | 0.46 | 1.58 | 3.91 | 0.32 | 7.27 | 11.7 | 11 | 16.55 | 9.4 |
| 1924263 |  | 3.56 | <0.001 | 0.47 | 8.46 | 32.3 | 440 | 0.68 | 0.52 | 0.73 | 0.14 | 25.9 | 16.5 | 25 | 15.55 | 25.3 |
| 1924264 |  | 4.02 | <0.001 | 0.20 | 7.73 | 10.8 | 540 | 0.65 | 0.42 | 2.26 | 0.10 | 20,6 | 15.2 | 17 | 8.45 | 19.8 |

Project: 677

| Sample Description | Method Analyte Units LOR | ME-MS61 Fe \% 0.01 | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { PPm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ge } \\ \text { ppm } \\ 0.0 \mathrm{~s} \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { HF } \\ \text { Ppm } \\ 0 . \uparrow \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { In } \\ \text { ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Le } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { LI } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mg } \\ \% \\ 0,01 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Mn } \\ \text { ppm } \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Mo } \\ \text { PPm } \\ 0,05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Na} \\ \% \\ 0.01 \end{gathered}$ | ME-MSE1 <br> Nb <br> ppm <br> 0.1 | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ni} \\ \text { PPm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { P } \\ \text { Ppm } \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924225 |  | 2.61 | 18.85 | 0.15 | 1.9 | 0.037 | 1.40 | 8.6 | 85.2 | 1.12 | 881 | 1.80 | 2.29 | 3.7 | 24.8 | 520 |
| 1924226 |  | 2.97 | 16.25 | 0.16 | 1.7 | 0.042 | 1.24 | 9.2 | 185.5 | 1.47 | 1090 | 1.77 | 2.30 | 3.6 | 26.6 | 540 |
| 3924227 |  | 2.38 | 13.75 | 0.14 | 1.6 | 0.035 | 1.23 | 11.1 | 226 | 1.06 | 657 | 7.29 | 1.91 | 3.3 | 22.2 | 560 |
| 1924228 |  | 2.96 | 16.85 | 0.15 | 1.7 | 0.048 | 1.56 | 10.9 | 82.8 | 1.36 | 949 | 2.53 | 2.19 | 3.6 | 26.7 | 530 |
| 1924229 |  | 3.04 | 16.15 | 0.16 | 2.0 | 0.034 | 1.12 | 9,5 | 57.2 | 1.50 | 1000 | 1.91 | 2.76 | 3.7 | 30.7 | 550 |
| 1924230 |  | 3.00 | 14.30 | 0.14 | 1.8 | 0.030 | 1.01 | 8.3 | 69.6 | 1.51 | 1150 | 0.79 | 2.65 | 3.5 | 30,3 | 550 |
| 1924231 |  | 3.19 | 16.30 | 0.14 | 1.7 | 0.051 | 1.58 | 10.6 | 65.0 | 1.49 | 1320 | 2.09 | 1.97 | 3.7 | 33.6 | 540 |
| J924232 |  | 4.06 | 17.20 | 0.17 | 0.7 | 0.047 | 1.68 | 9.6 | 72.8 | 2.13 | 1380 | 1.33 | 1.61 | 2.7 | 36.0 | 580 |
| 1924233 |  | 4.06 | 17.35 | 0.16 | 0.6 | 0.091 | 1.62 | 8.3 | 87.0 | 2.23 | 1700 | 1.79 | 1.53 | 2.9 3.4 | 37.4 | 600 |
| 1924234 |  | 3.78 | 17.35 | 0.16 | 0.8 | 0.148 | 1.51 | 11.0 | 64.0 | 1.92 | 2110 | 2.39 | 1.70 | 3.4 | 38.3 | 610 |
| J924235 |  | 3.99 | 17.95 | 0.16 | 0.8 | 0.150 | 1.51 | 9.6 | 75.4 | 1.97 | 2000 | 1.94 | 1.68 | 3.3 | 40.1 | 610 |
| 1924236 |  | 3.93 | 17.40 | 0.15 | 1.8 | 0.089 | 1.33 | 9.8 | 88.1 | 1.91 | 1000 | 1.75 | 2.08 | 5.6 | 23.5 | 890 |
| 1924237 |  | 5.32 | 18.75 | 0.15 | 3.7 | 0.062 | 1.11 | 13.3 | 75.5 | 2.56 | 1180 | 1.53 | 2.45 | 12.2 | 29.5 | 1670 |
| 1924238 |  | 3.47 | 17.05 | 0.15 | 1.4 | 0.063 | 1,26 | 9.6 | 59.5 | 1.53 | 1040 | 1.06 | 2.11 | 3.4 | 24.8 | 600 |
| 1924239 |  | 3.44 | 17.55 | 0.16 | 1.4 | 0.068 | 1,39 | 9.8 | 69.4 | 1.41 | 997 | 1.57 | 2,22 | 3.5 |  |  |
| J924240 |  | 3.57 | 18.10 | 0.19 | 1.5 | 0,052 | 1.25 | 10.7 | 119.5 | 1.54 | 974 | 0.93 | 2.15 | 3.4 | 16.6 | 640 |
| 1924241 |  | 3.71 | 17.95 | 0.19 | 1.8 | 0.067 | 1.13 | 11.8 | 124.0 | 2.02 | 1110 | 1.75 | 1.85 | 4.1 | 40.7 | 640 |
| 1924242 |  | 2.75 | 16.85 | 0.15 | 1,6 | 0.074 | 1.87 | 10.8 | 46.5 | 0.98 | 1080 | 3.98 | 1.63 | 3.5 | 19.7 | 530 |
| 1924243 |  | 3.59 | 18.95 | 0.18 | 0.7 | 0.047 | 2.21 | 13.8 | 42.0 | 1.27 | 590 | 2.69 | 1.18 | 4.0 | 38.0 | 610 |
| 1924244 |  | 3.63 | 19.20 | 0.20 | 0.8 | D. 052 | 2.17 | 13.1 | 42.8 | 1.45 | 776 | 5.66 | 1.18 | 4.1 | 33.2 | 620 |
| 1924245 |  | 4.69 | 18.80 | 0.19 | 0.5 | 0.078 | 2.02 | 11.5 | 39.2 | 1.31 | 699 | 7.59 | 1.47 | 3.8 | 30.9 | 650 |
| 1924246 |  | 4.09 | 18.05 | 0.18 | 0.7 | 0.052 | 1.90 | 11.5 | 39.1 | 1.20 | 613 | 5.15 | 1,50 | 3.8 | 31.3 | 560 |
| J924247 |  | 2.27 | 18.70 | 0.15 | 1.8 | 0.054 | 2.04 | 13.0 | 32.7 | 0.80 | 455 | 3.13 | 1.66 | 3.1 | 21.0 | 530 |
| 1924248 |  | 2.12 | 18.40 | 0.14 | 2.0 | 0.035 | 2.12 | 14.5 | 26.7 | 0.70 | 372 | 2.80 | 1.64 | 2.8 | 18.4 | 530 |
| 1924249 |  | 2.41 | 17.80 | 0.19 | 1.9 | 0.034 | 1.85 | 12.8 | 27.6 | 0.66 | 500 | 3.68 | 2.17 | 2.9 | 17.6 | 540 |
| 1924250 |  | 2.55 | 18.80 | 0.19 | 1.8 | 0.039 | 2.01 | 13.1 | 30.7 | 0.79 | 623 | 4.84 | 2.10 | 3.1 | 18.8 | 560 |
| 1924251 |  | 2.65 | 16.95 | 0.20 | 2.0 | 0.042 | 1.58 | 9.7 | 58.3 | 0.94 | 1040 | 3.46 | 2.25 | 3.5 | 16.4 | 520 |
| 1924252 |  | 2.59 | 17.45 | 0.19 | 1.9 | 0.041 | 1.58 | 13.3 | 57.1 | 1.00 | 919 | 4.07 | 2.03 | 3.7 | 21.5 | 540 |
| 1924253 |  | 2.73 | 16.85 | 0.20 | 1.9 | 0.048 | 1.41 | 12.3 | 34.8 | 0.87 | 077 | 2.93 | 2.62 | 3.3 | 16.8 | 480 |
| 1924254 |  | 2.56 | 17.10 | 0.22 | 2.1 | 0.039 | 1.49 | 13.2 | 41.8 | 0.83 | 970 | 4.67 | 2.46 | 3.3 | 17.2 | 510 |
| 1924255 |  | 2.61 | 17.95 | 0.18 | 1.7 | 0.047 | 1,83 | 11.0 | 49.2 | 1.14 | 1120 | 3.04 | 1.52 | 3.5 | 16.7 | 500 |
| 3924256 |  | 2.68 | 17.20 | 0.20 | 1.7 | 0.037 | 1.96 | 13.6 | 34.0 | 1.05 | 1450 | 2.73 | 1.48 | 3.2 | 16.0 | 510 |
| j924257 |  | 2.65 | 17,85 | 0.18 | 1.8 | 0.033 | 2.05 | 13.1 | 34.5 | 1.02 | 1620 | 1.48 | 1.28 | 3.6 | 15.1 | 520 |
| 1924258 |  | 2.97 | 18.45 | 0.20 | 1.6 | 0.061 | 1.86 | 12.1 | 40.9 | 1.22 | 1560 | 1.69 | 1.85 | 3.4 | 22.3 | 570 |
| 1924259 |  | 2.85 | 17.95 | 0.20 | 1.9 | 0.085 | 1.95 | 12.3 | 29.8 | 0.98 | 1600 | 3.22 | 1.70 | 3.4 | 17.2 | 530 |
| 1924260 |  | 4.71 | 19.70 | 0.18 | 0.7 | 0.320 | 1.90 | 9.4 | 43.0 | 1.80 | 2140 | 1.07 | 0.64 | 2.9 | 28.8 | 630 |
| 1924261 |  | 4.93 | 17.75 | 0.23 | 0.3 | 0.514 | 2.18 | 8.9 | 26.1 | 0.68 | 705 | 0.70 | 0.17 | 2.6 | 6.6 | 500 |
| 1924262 |  | 4.10 | 15.15 | 0.20 | 0.3 | 0.163 | 1.63 | 3.2 | 12.9 | 0.33 | 92 | 0.89 | 0.36 | 2.5 | 6.0 | 520 |
| 1924263 |  | 4.95 | 18.75 | 0.18 | 0.3 | 0.129 | 1.40 | 11.7 | 40.4 | 1.59 | 1880 | 0.42 | 1.47 | 3.3 | 13.9 | 880 |
| 1924264 |  | 4.80 | 18.65 | 0.19 | 0.3 | 0.081 | 0,94 | 8.4 | 43.2 | 1.89 | 2140 | 0.58 | 2,44 | 3.4 | 8.5 | 930 |

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To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1L7

Page: $3-C$
Total \# Pages: 4 ( $A-D$ ) Plus Appendix Pages Finalized Date: 30-AUG-2010 Account: RLH

Project: 677
minerals
CERTIFICATE OF ANALYSIS VA10105034

ME-MS61
ME-MS61
TI
ME-MS

| Sample Description | Methad Analyte Units LOR | ME-MS61 <br> Hb <br> ppm | ME-MS61 Rb ppm | $\begin{gathered} \text { ME-MS61 } \\ \operatorname{Re} \\ \rho \mathrm{ppm} \\ 0,002 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \mathrm{s} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Sb } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS51 } \\ \text { Sc } \\ \text { Ppin } \\ 0.1 \end{gathered}$ | ME-MSE1 <br> Se <br> ppm <br> 1 | $\begin{gathered} \text { ME-MSE1 } \\ \text { Sn } \\ \text { ppm } \\ 0.2 \end{gathered}$ | ME-MS61 <br> Sr <br> PPm <br> 0.2 | ME-MS61 <br> Ta <br> ppm <br> 0.05 | ME-MS61 <br> re <br> PPm <br> 0.05 | $\begin{gathered} \text { ME-MS61 } \\ \text { Th } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ti} \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { TI } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ U \\ \text { PPm } \\ 0.1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924225 |  | 33.9 | 28.4 | 0.002 | 0.52 | 3.31 | 9.9 | 2 | 1.0 | 309 | 0.31 | 0.10 | 4.6 | 0.243 | 0,70 | 2.1 |
| 1924226 |  | 26.4 | 26.5 | 0.003 | 0.61 | 2.83 | 11.5 | 2 | 0.9 | 284 | 0.28 | 0.10 | 4.6 | 0.259 | 0.61 | 2.1 |
| 1924227 |  | 25.4 | 31.3 | 0.002 | 1.94 | 2.58 | 8.6 | 1 | 1.5 | 682 | 0.27 | 0.12 | 4.6 | 0.236 | 0.61 | 2.1 |
| 1924228 |  | 38.6 | 41.3 | 0.002 | 0.84 | 5.22 | 11.0 | 2 | 1.2 | 270 | 0.29 | 0.15 | 4.7 | 0.248 | 0.86 | 2.4 |
| 1924229 |  | 39.3 | 29.7 | $<0.002$ | 0.71 | 3.29 | 10.5 | 2 | 1.0 | 298 | 0.25 | 0.12 | 5.5 | 0.250 | 0.67 | 2.6 |
| 1924230 |  | 27.5 | 24.0 | $<0.002$ | 0.48 | 3.97 | 9.5 | 2 | 2,3 | 341 | 0.28 | 0.08 | 5.1 | 0.242 | 0.60 | 2.2 |
| 1924231 |  | 77.9 | 43.0 | 0.009 | 0.95 | 6.73 | 11.3 | 1 | 1.1 | 247 | 0.30 | 0.77 | 5.0 | 0.255 | 1.10 | 2.6 |
| 1924232 |  | 107.5 | 48.1 | $<0.002$ | 3.14 | 7.35 | 16.5 | 4 | 1.8 | 348 | 0.20 | 0.31 | 3.0 | 0.295 | 1.78 | 1.2 |
| 1924233 |  | 155.0 | 45.6 | 0.002 | 2.71 | 12.40 | 15.8 | 2 | 1.3 | 304 | 0.20 | 0.51 | 2.1 | 0.337 | 1.95 | 0.9 |
| 1924234 |  | 192.5 | 47.1 | $<0.002$ | 1.79 | 10.90 | 14,6 | 2 | 1.3 | 245 | 0.23 | 0.82 | 2,4 | 0.329 | 2.15 | 1.1 |
| J924235 |  | 228 | 36.7 | 0.002 | 1.97 | 10.10 | 14.8 | 3 | 3.1 | 248 | 0.22 | 0.91 | 2.2 | 0.329 | 2.32 | 1.0 |
| 1924236 |  | 25.2 | 28.4 | 0.002 | 0.57 | 3.85 | 12.8 | 2 | 3.5 | 338 | 0.34 | 0.18 | 2.7 | 0.440 | 0.87 | 1.2 |
| J924237 |  | 25.4 | 15.8 | <0.002 | 0.18 | 4.68 | 14.7 | 1 | 1.2 | 578 | 0.79 | $<0.05$ | 2.3 | 0.740 | 0.57 | 0.8 |
| J924238 |  | 20.0 | 40.8 | $<0.002$ | 0.60 | 4.16 | 13.9 | 1 | 0.9 | 251 | 0.27 | 0.17 | 3.7 | 0.309 | 0.93 | 1.6 |
| 1924239 |  | 15.6 | 40.5 | 0.002 | 0.56 | 3.50 | 14.3 | 1 | 0.9 | 267 | 0.27 | 0.19 | 3.7 | 0,322 | 0.91 | 1.7 |
| 1924240 |  | 15.3 | 39.2 | $<0.002$ | 0.31 | 3.37 | 14.7 | 1 | 0.9 | 273 | 0.25 | 0.09 | 3.6 | 0.335 | 0,80 | 1.6 |
| 1924241 |  | 49.8 | 34.0 | 0.002 | 0.81 | 5.73 | 17.0 | 1 | 1.0 | 336 | 0.31 | 0.18 | 2.9 | 0.381 | 0.89 | 1.4 |
| 1924242 |  | 39.6 | 54.0 | 0.008 | 0.75 | 5.05 | 10,3 | 1 | 1.0 | 236 | 0.30 | 0.21 | 5.8 | 0.243 | 1.18 | 2.8 |
| 1924243 |  | 103.5 | 69.3 | 0.005 | 1.56 | 5.36 | 16.5 | 2 | 1.7 | 189.0 | 0.28 | 0.36 | 3.8 | 0.349 | 1.38 | 1.5 |
| 1924244 |  | 149.5 | 61.4 | 0.005 | 1.79 | 5.57 | 16.6 | 5 | 1.7 | 174.0 | 0.31 | 0.29 | 3.7 | 0.347 | 1.31 | 1.4 |
| 1924245 |  | 192.0 | 58.1 | 0.002 | 3.48 | 5.03 | 16.7 | 5 | 1.5 | 193.5 | 0.27 | 0.68 | 3.0 | 0.339 | 1.19 | 1.1 |
| 1924246 |  | 114.0 | 55.2 | 0.002 | 2.92 | 9.24 | 15.1 | 3 | 1.6 | 186.0 | 0.28 | 0.39 | 3.1 | 0.326 | 1.13 | 1.2 |
| 1924247 |  | 106.0 | 57.4 | <0.002 | 1,36 | 3.09 | 10.4 | 1 | 0.7 | 206 | 0.28 | 0.11 | 6.6 | 0.195 | 1.09 | 2.7 |
| 1924248 |  | 26.1 | 63.3 | $<0.002$ | 1.16 | 2.55 | 9,9 | 1 | 0.6 | 221 | 0.27 | 0.15 | 7.6 | 0.174 | 1.14 | 3.5 |
| 1924249 |  | 9.9 | 64.7 | 0.002 | 1.20 | 2.98 | 10.0 | 1 | 0.7 | 238 | 0.25 | 0.14 | 7.0 | 0.178 | 0.95 | 3.4 |
| 1924250 |  | 16.0 | 60.2 | 0.003 | 0.99 | 3.11 | 11.0 | 1 | 0.8 | 252 | 0.28 | 0.19 | 6.9 | 0.208 | 1.09 | 3.1 |
| 1924251 |  | 17.0 | 39.0 | 0.005 | 0.42 | 3.03 | 9.6 | 1 | 0.8 | 309 | 0.34 | $<0.05$ | 5.7 | 0.218 | 1.01 | 2.7 |
| 1924252 |  | 18,1 | 50.6 | 0.007 | 0.26 | 2.54 | 10.3 | 1 | 0.8 | 303 | 0.33 | $<0.05$ | 6.8 | 0.230 | 1.02 | 3.3 |
| 1924253 |  | 9.6 | 45.7 | 0.002 | 0.63 | 4.50 | 9.8 | 1 | 0.7 | 316 | 0.32 | 0.09 | 6.7 | 0.199 | 0.92 | 3.1 |
| 1924254 |  | 8.5 | 51.3 | 0.009 | 0.58 | 7.82 | 9.8 | 1 | 0.7 | 304 | 0.32 | 0.10 | 6.9 | 0.200 | 1.00 | 3.2 |
| 1924255 |  | 89.4 | 49.5 | 0.002 | 0.50 | 6.76 | 9.6 | 1 | 0.7 | 218 | 0.34 | 0.05 | 6.1 | 0.213 | 1.26 | 2.8 |
| 1924256 |  | 72.2 | 68.9 | $<0,002$ | 0.20 | 5.66 | 9.7 | 1 | 0.7 | 171.0 | 0.29 | $<0.05$ | 7.1 | 0.203 | 1.57 | 3.3 |
| 1924257 |  | 34.6 | 60.2 | $<0.002$ | 0.16 | 5.03 | 9.5 | 1 | 0.7 | 185.5 | 0.34 | $<0.05$ | 7.1 | 0.211 | 1.80 | 3.5 |
| 1924258 |  | 23.8 | 60,5 | 0.002 | 0.37 | 5.87 | 11.5 | 1 | 0.8 | 209 | 0.31 | 0.12 | 5.8 | 0.242 | 1.45 | 2.6 |
| 1924259 |  | 50.7 | 65.3 | 0.003 | 1.02 | 7.60 | 10.7 | 2 | 0.8 | 203 | 0.32 | 0.48 | 6.7 | 0.217 | 1.49 | 3.1 |
| 1924260 |  | 447 | 60.8 | <0,002 | 3.83 | 12.60 | 16.4 | 5 | 1.1 | 151.5 | 0.19 | 0.89 | 1.8 | 0.355 | 1.62 | 0.7 |
| 1924261 |  | 243 | 55.0 | $<0.002$ | 7.33 | 5.00 | 15.9 | 12 | 0.9 | 166.5 | 0.17 | 1.92 | 1.4 | 0.343 | 1.16 | 0.4 |
| 1924262 |  | 40,5 | 47.9 | <0,002 | 7.14 | 2.56 | 13.7 | 16 | 0.9 | 394 | 0.16 | 1.66 | 1.2 | 0.334 | 1.25 | 0.5 |
| 1924263 |  | 266 | 53.0 | 0.002 | 2.22 | 5.62 | 19.6 | 4 | 1.0 | 170.5 | 0.20 | 0.61 | 1.8 | 0.462 | 1.49 | 0.6 |
| 1924264 |  | 23.9 | 25.6 | 0.003 | 0.52 | 4.58 | 17.2 | 2 | 0.9 | 199.5 | 0.20 | 0.13 | 1.3 | 0.467 | 0.90 | 0.4 |

***** See Appendix Page for comments regarding this certificate *****

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To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y $1 \mathrm{L7}$

Page: 3 - D
Total \# Pages: 4 (A - D)
Plus Appendix Pages Finalized Date: 30-AUG-2010 Account: RLH

Project: 677

| Sample Description | Method <br> Analyte Units LOR | $\begin{gathered} \text { ME-MSG1 } \\ V \\ \text { Ppmi } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { W } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ Y \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} M E-M S 61 \\ \mathrm{Zn} \\ \mathrm{Ppml} \\ 2 \end{gathered}$ | $\begin{gathered} M E-M S 61 \\ \mathrm{Zr} \\ \text { ppm } \\ 0.5 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924225 |  | 77 | 1.0 | 10.9 | 170 | 57.9 |
| J924226 |  | 84 | 1.0 | 12.6 | 188 | 53.0 |
| 1924227 |  | 77 | 0.8 | 9.1 | 142 | 49.8 |
| 5924228 |  | 87 | 0.9 | 10.8 | 171 | 51.9 |
| 3924229 |  | 78 | 0.8 | 11.4 | 225 | 64.7 |
| 1924230 |  | 73 | 0.6 | 10.5 | 225 | 59.3 |
| 1924231 |  | 85 | 0.9 | 11.0 | 231 | 55.6 |
| 1924232 |  | 119 | 1.8 | 9.6 | 223 | 20.3 |
| J924233 |  | 127 | 1.2 | 9.7 | 352 | 17.8 |
| J924234 |  | 110 | 1.5 | 11.6 | 457 | 24.0 |
| J924235 |  | 114 | 1.6 | 11.9 | 465 | 21.0 |
| 1924236 |  | 114 | 0.9 | 13.2 | 17 a | 64.3 |
| 1924237 |  | 127 | 0.4 | 17.4 | 92 | 155.0 |
| J924238 |  | 97 | 0.9 | 12.4 | 191 | 44.9 |
| 1924239 |  | 100 | 0.9 | 14.4 | 173 | 44.3 |
| 1924240 |  | 105 | 0.9 | 14.8 | 196 | 45.6 |
| 1924241 |  | 114 | 0.8 | 14.4 | 286 | 61.0 |
| 1924242 |  | 75 | 1.1 | 10.9 | 176 | 53.1 |
| 1924243 |  | 117 | 1.3 | 11.7 | 186 | 22,8 |
| 1924244 |  | 116 | 1.3 | 13.0 | 190 | 24.7 |
| 1924245 |  | 117 | 1.4 | 11.4 | 168 | 15,7 |
| 1924246 |  | 108 | 1.7 | 10.7 | 138 | 22,0 |
| 1924247 |  | 70 | 1.0 | 11.8 | 87 | 60.3 |
| 1924248 |  | 66 | 0.9 | 12.1 | 68 | 63.8 |
| 1924249 |  | 64 | 0.9 | 11.4 | 71 | 63.6 |
| 1924250 |  | 72 | 1.3 | 11.9 | 95 | 61.4 |
| 1924251 |  | 64 | 1.2 | 11.4 | 143 | 63.6 |
| 1924252 |  | 68 | 1.1 | 12.3 | 164 | 59.8 |
| 1924253 |  | 62 | 0.9 | 12.0 | 139 | 63.2 |
| 1924254 |  | 61 | 0.8 | 11.7 | 142 | 66.2 |
| 1924255 |  | 66 | 0.9 | 11.6 | 199 | 52.5 |
| J924256 |  | 64 | 0.8 | 11.7 | 223 | 48.3 |
| 1924257 |  | 63 | 1.0 | 12.0 | 225 | 49.9 |
| 1924258 |  | 78 | 0.8 | 12.4 | 225 | 51.3 |
| J 924259 |  | 70 | 0.7 | 12.4 | 162 | 57.6 |
| 1924260 |  | 118 | 0.6 | 7.7 | 471 | 20.4 |
| 1924261 |  | 111 | 0.3 | 6.6 | 1480 | 8.9 |
| 1924262 |  | 108 | 0.4 | 7.4 | 51 | 8.4 |
| 1924263 |  | 141 | 0.6 | 6.9 | 225 | 7.0 |
| 1924264 |  | 137 | 0.6 | 10.5 | 223 | 6.2 |

***** See Appendix Page for comments regarding this certificate *****

AIS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H OA7
Phone: 5049840221 Fax: 604984 0218 Www.alsglobal.com
To: WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1L7
Page: 4 - A
Total \# Pages: 4 (A - D)
Plus Appendix Pages Finalized Date: 30-AUG-2010 Account: RLH

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | WEE-21 <br> Recyd Wt. <br> kg <br> 0,02 | $\begin{gathered} \text { Au-ICP21 } \\ \text { Au } \\ \text { Ppm } \\ 0.001 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ag } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ai } \\ \% \\ 0,01 \end{gathered}$ | ME-MS61 As Ppm 0.2 | $\begin{gathered} \text { ME-MS61 } \\ \text { Ba } \\ \text { Ppm } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Be } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Bi} \\ \mathrm{PPm} \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ca } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cd } \\ \text { ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Co } \\ \text { pprn } \\ 0.01 \end{gathered}$ | ME-MSE1 <br> Co <br> ppm <br> 0.1 | ME-MS67 <br> Cr <br> ppm <br> 1 | $\begin{gathered} \text { ME-MSE1 } \\ \text { Cs } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSE61 } \\ \mathrm{Cu} \\ \text { Ppm } \\ \mathrm{D.2} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924265 |  | 3.76 | <0.001 | 0.35 | 7.87 | 14.1 | 640 | 0,92 | 0.42 | 3.09 | 0.17 | 20.9 | 13.8 | 17 | 21.7 | 22.8 |
| 1924266 |  | 4.74 | <0.001 | 0.02 | 7.92 | 7.6 | 490 | 0.80 | 0.13 | 4.00 | 0.12 | 20.8 | 15.7 | 17 | 15.85 | 3.1 |
| J924267 |  | 3.78 | $<0.001$ | 0.03 | 7.87 | 7.8 | 490 | 0.80 | 0.13 | 4.34 | 0.13 | 20.8 | 16.6 | 17 | 9.52 | 6.0 |
| 1924268 |  | 5.20 | $<0.001$ | 0.04 | 8.01 | 8.0 | 400 | 0.73 | 0.10 | 4.11 | 0.10 | 20.7 | 16.8 | 18 | 9.68 | 13.7 |
| 1924269 |  | 3.12 | 0.002 | 0.07 | 7.84 | 6.9 | 430 | 0.79 | 0.44 | 3.68 | 0.10 | 21.1 | 16.9 | 1 B | 8.17 | 15.2 |
| 1924270 |  | 3.32 | $<0.001$ | 0.24 | 7.60 | 9.9 | 580 | 0.81 | 0.71 | 2.66 | 0.07 | 18.50 | 15.9 | 19 | 15.60 | 29,1 |
| 1924271 |  | 4.04 | $<0.001$ | 0.06 | 8.08 | 8.0 | 500 | 0.75 | 0.38 | 4.10 | 0.14 | 21.4 | 17.2 | 18 | 11.50 | 5.7 |
| 1924272 |  | 4.90 | 0.003 | 0.13 | 8.53 | 8.9 | 520 | 0.85 | 0.41 | 4.11 | 0.15 | 23.2 | 18.1 | 23 | 12.60 | 12.3 |
| J924273 |  | 1.28 | 0.002 | 0.61 | 8.12 | 13.8 | 430 | 0.61 | 1.13 | 2.39 | 0.18 | 20.2 | 35.8 | 19 | 6,38 | 15.8 |
| 1924274 |  | 3.64 | 0.002 | 0.20 | 8.51 | 20.5 | 500 | 0.76 | 0.61 | 3.79 | 0.12 | 21.5 | 16.6 | 18 | 12.25 | 17.3 |
| J 24275 |  | 3.56 | 0.003 | 0.56 | 8.24 | 26.4 | 450 | 0.84 | 0.95 | 2.86 | 0.61 | 23.0 | 15.3 | 21 | 10.50 | 31.9 |
| J924276 |  | 3.94 | 0.001 | 0,26 | B. 64 | 29.1 | 450 | 0.80 | 0.33 | 3.68 | 0.37 | 24.5 | 17.2 | 19 | 14.25 | 18.9 |
| 1924277 |  | 4.10 | $<0.001$ | 0.18 | B. 44 | 20.1 | 480 | 0.74 | 0.19 | 3.96 | 0.17 | 21.9 | 16.7 | 18 | 13.50 | 16.6 |
| 1924278 |  | 4.02 | 0.003 | 0.54 | 8.38 | 18.4 | 470 | 0.80 | 0.55 | 3.31 | 0.25 | 25.6 | 15.7 | 28 | 12.40 | 39.3 |
| 1924279 |  | 3.88 | 0.003 | 0.40 | 8.32 | 11.8 | 460 | 0.78 | 0.54 | 3.28 | 0.22 | 23.5 | 15.8 | 31 | 10.70 | 25.2 |
| J924280 |  | 4.16 | 0.006 | 0.45 | 7.82 | 12.5 | 500 | 0.78 | 0.72 | 2.96 | 0.27 | 24.6 | 14.6 | 42 | 9,04 | 32.2 |
| 1924281 |  | 4.18 | 0.005 | 0.44 | 7.86 | 12.8 | 530 | 0.77 | 0.63 | 3.05 | 0.27 | 23.8 | 15.1 | 37 | 10.45 | 35.9 |
| 1924282 |  | 4.02 | 0.009 | 0.57 | 8,22 | 13.8 | 600 | 0.78 | 0.77 | 2.92 | 0.29 | 26.5 | 13.5 | 34 | 9.95 | 19.3 |
| 5924283 |  | 3.56 | 0.000 | 0.57 | 8.21 | 13.8 | 590 | 0.85 | 0.72 | 2,99 | 0.33 | 27.2 | 14.6 | 37 | 10.55 | 34.8 |
| 1924284 |  | 2.86 | 0.005 | 0.61 | 8.23 | 12.1 | 610 | 0.93 | 0.70 | 2.96 | 0.42 | 27.5 | 15.0 | 44 | 10.60 | 35.9 |

***** See Appendix Page for comments regarding this certificate *****

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Fe} \\ \neq \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ge } \\ \text { ppm } \\ 0,05 \end{gathered}$ | $\begin{gathered} \text { ME-MS51 } \\ H f \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS } 61 \\ \text { In } \\ \text { ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME:-MS61 } \\ \text { La } \\ \text { Ppin } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Li} \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \mathrm{Mg} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Mn } \\ \text { PPm } \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Mo } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ N_{B} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Nb } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \mathrm{Ni} \\ \text { Ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { P } \\ 9 p m 1 \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924265 |  | 4.63 | 18.60 | 0.20 | 0.4 | 0.119 | 0.93 | 8.9 | 60.1 | 1.79 | 2460 | 0.56 | 1.75 | 3.3 | 7.1 | 920 |
| J92426G |  | 4.69 | 19.40 | 0.20 | 0.5 | 0.083 | 0.82 | 8.3 | 78.7 | 1.64 | 1800 | 0.40 | 2.25 | 3.5 | 7.5 | 940 |
| 1924287 |  | 4.81 | 18.65 | 0.19 | 0.7 | 0.065 | 0.69 | 8.4 | 91.2 | 1.58 | 1440 | 0.51 | 2.34 | 3.5 | 7.5 | 920 |
| 1924268 |  | 4.87 | 18.20 | 0.21 | 0.7 | 0.059 | 0.58 | 8.7 | 101.0 | 1.64 | 1400 | 0.53 | 2.71 | 3.3 | 7.5 | 930 |
| 1924269 |  | 4.79 | 18.55 | 0.21 | 0.7 | 0.065 | 0.67 | B. 8 | 108.0 | 1.64 | 1320 | 1.05 | 2.64 | 3.4 | 7.8 | 930 |
| 1924270 |  | 4.56 | 19.25 | 0.21 | 0.5 | 0.075 | 1.10 | 7.2 | 104.5 | 1.70 | 1060 | 3.14 | 2.17 | 3.4 | 8.5 | 950 |
| 1924271 |  | 4.80 | 19.00 | 0.22 | 0.6 | 0.080 | 0.86 | 8.7 | 125.0 | 1.66 | 1480 | 0.59 | 2.45 | 3.5 | 8.2 | 960 |
| J924272 |  | 5.15 | 20.9 | 0.23 | 0.7 | 0.075 | 1.11 | 9.5 | 84.9 | 1.74 | 1810 | 1.02 | 2.54 | 3.9 | 10.5 | 1020 |
| 1924273 |  | 5.48 | 17.35 | 0.09 | 0.4 | 0.064 | 1.08 | 8.3 | 39.4 | 1.54 | 1480 | 3.78 | 3.40 | 3.7 | 10.5 | 980 |
| 1924274 |  | 5.15 | 17.25 | 0.10 | 0.6 | 0.090 | 1.10 | 8.8 | 59.5 | 1.71 | 2190 | 1.27 | 2.29 | 3,3 | 8.7 | 980 |
| 1924275 |  | 4.65 | 17.40 | 0.12 | 0.7 | 0.088 | 1.18 | 9.8 | 108.0 | 1,62 | 1700 | 2.57 | 2.47 | 3.5 | 10.8 | 910 |
| 3924276 |  | 5.03 | 17.80 | 0.13 | 0.9 | 0.067 | 0.91 | 10.7 | 75.5 | 1.55 | 1930 | 2.10 | 2.41 | 3.4 | 9.5 | 990 |
| 9924277 |  | 5.09 | 17.35 | 0.11 | 1.0 | 0.060 | 0.87 | 8.8 | 76.0 | 1.70 | 1830 | 1.02 | 2.58 | 3.4 | 9.1 | 980 |
| J924278 |  | 4.57 | 17.35 | 0.12 | 1.0 | 0.069 | 1.20 | 11.6 | 91.5 | 1.66 | 1440 | 3.76 | 2.52 | 3.4 | 13.8 | 880 |
| 1924279 |  | 4.64 | 16.75 | 0.11 | 0.9 | 0.063 | 1.24 | 10.4 | 86.3 | 1.75 | 1400 | 2.84 | 2.53 | 3.3 | 14.9 | 880 |
| 1924280 |  | 4.08 | 16.70 | 0.11 | 1.1 | 0.076 | 1.42 | 11.0 | 84.5 | 1.63 | 1320 | 3.97 | 2.21 | 3.3 | 19.0 | 750 |
| 1924281 |  | 4.16 | 16.95 | 0.12 | 0.9 | 0.075 | 1.49 | 10.4 | 73.3 | 1.64 | 1460 | 3.07 | 2.09 | 3.3 | 19.6 | 730 |
| J924282 |  | 4.01 | 16.85 | 0.11 | 1.0 | 0.080 | 1.57 | 12.2 | 37.0 | 1.61 | 1630 | 4.28 | 2.40 | 3.3 | 18.4 | 740 |
| 1924283 |  | 4.15 | 16.95 | 0.10 | 1.0 | 0.071 | 1.63 | 12.7 | 32.9 | 1.68 | 1590 | 3.41 | 2.31 | 3.4 | 20,6 | 760 |
| 1924284 |  | 4.05 | 17.45 | 0.12 | 1.0 | 0.074 | 1.70 | 12.9 | 37.5 | 1.68 | 1670 | 2.56 | 2.10 | 3.3 | 23.6 | 710 |

[^6]To; WALLBRIDGE MINING COMPANY LTD.
129 FIELDING RD
LIVELY ON P3Y 1L7
Total \# Pages: 4 ( $\mathrm{A}-\mathrm{D}$ )
Plus Appendix Pages Finalized Date: 30-AUG-2010 Account: RLH

Project: 677
minerals


ALS Canada Ltd.
2103 Dollarton Hwy
2103 Dollarton HWy V7H 0A7
North Vancouver BC V7H
Phone: 6049840221 Fax: 6049840218 www.alsglobal.com

To: WALLBRIDGE MINING COMPANY LTD.

Page: 4 - D
Total \# Pages: $4(A-D)$
Plus Appendix Pages Finalized Date: 30-AUG-2010 Account: RLH

Project: 677

***** See Appendix Page for comments regarding this certificate *****


## minerals

## CERTIFICATE VA10124453

```
Project: 677
```

P.O. No.: 677100010

This report is for 3 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 1-SEP-2010.
The following have access to data associated with this certificate:
PETER ANDERSEN
CLINTON SMYTH


To: miocene metals limited
ATTN: PETER ANDERSEN
129 FIELDING RD
LIVELY ON P3Y 1 LT

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

2103 Dellarton Hwy
North Vancouver BC V7H OA7
Phone: 6049840221 Fax; 6049840218 www.alsglobal.com

To: MIOCENE METALS LIMITED

Project: 677
minerals


ALS Canada Ltd.
2103 Dollarton Hwy
103 Dallarton Hwy 7 H OA7
Phone: 604 9840221 Fax: 6049840218 WWW.alsglobal.com

To: MIOCENE METALS LIMITED

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS51 } \\ \text { Fe } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ga } \\ \text { PPm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ge } \\ \text { ppin } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Hf } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { In } \\ \text { ppm } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ K \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ls } \\ \text { Ppm } \\ 0.5 \\ \hline \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \mathrm{LI} \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mg } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mn } \\ \text { ppn } \\ 5 \\ \hline \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Mo } \\ \text { PPm } \\ 0,05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Na} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Nb } \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \mathrm{Ni} \\ \mathrm{Ppm} \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{P} \\ \text { ppm } \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924300 |  | 3.08 | 18.05 | 0.08 | 0.3 | 0.042 | 1.72 | 11.5 | 16.4 | 1.11 | 586 | 0.30 |  |  | 8.8 | 540 |
| 1924301 |  | 4.34 | 20.2 | 0.09 | 0.3 | 0.051 | 1.09 | 5.5 | 16.7 | 1.58 | 811 | 0.80 | 2.67 | 3.2 | 10.2 | 780 |
| J924316 |  | 4.06 | 18,55 | 0.11 | 0.3 | 0.049 | 1.40 | 8.1 | 11.8 | 1.38 | 875 | 1.04 | 2.45 | 4.0 | 12.3 | 600 |

ALS Canada Lto.
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To: MIOCENE METALS LIMITED
LIVELY ON P3Y 1L7

Project: 677


[^7]ALS Canada L.td
2103 Dollarton Hwy
North Vancouver BC V7H OA7
Phone: 6049840221 Fax: 6049840218 www.alsglobal.com

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MSE1 } \\ V \\ \text { ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ W \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ Y \\ \text { Ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Zn } \\ \text { PPm } \\ 2 \end{gathered}$ | ME-MS61 Zr Ppm 0.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924300 |  | 95 | 0.3 | 19.7 | 53 | 4.2 |
| J924301 |  | 181 | 0.2 | 13.0 | 73 | 5.3 |
| J924316 |  | 146 | 0.3 | 18.6 | 57 | 4.4 |

***** See Appendix Page for comments regarding this certificate ****

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Phone: 6049840221 Fax: 6049840218 www.alsglobal.com

## Project: 677

CERTIFICATE OF ANALYSIS VA10124453

| Method | CERTIFICATE COMMENTS |
| :--- | :--- |
| ME-MS61 | REE's may not be totally soluble in this method. |

## CERTIFICATE <br> VA10126957

## Project: 677

P.O. No.: 677100010

This report is for 3 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-SEP-2010.
The following have access to data associated with this certificate:

To: MIOCENE METALS LIMITED
ATTN: PETER ANDERSEN
129 FIELDING RD
LIVELY ON P3Y 1L7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

Project: 677

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-ICPO6 } \\ \text { SiO2 } \\ x \\ \text { p,01 } \end{gathered}$ | ME-ICPOK $\mathrm{N}_{2} \mathrm{O} 3$ \% | ME-ICPOB <br> Fe203 <br> $\%$ 0.01 | $\begin{gathered} \text { ME-ICPP6 } \\ \text { Coa } \\ \% \\ 0.01 \end{gathered}$ | ME-ICPOE MgO ${ }_{0}^{*}$ | $\begin{gathered} \text { ME-fCPOG } \\ \text { Na2O } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-ICPO6 } \\ \text { K20 } \\ \varnothing \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-LCPO6 } \\ \text { Cr203 } \\ \phi \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME--ICPOG } \\ \text { TOO2 } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { Me- -ICPO6 } \\ \text { Mo } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-ICPO5 } \\ \text { P205 } \\ \varnothing \\ 0.01 \end{gathered}$ | ME-ICPO6 Sro $\chi$ 0.01 | ME-ICPO5 BBO $\varnothing$ 0.01 | OA-GRAO5 L.01 $\%$ 0.01 | TOT-ICPO6 Total $\%$ 0.01 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924300 |  | 64.3 | 15.85 | 4.63 | 4.63 | 2.07 | 3.74 | 2.25 | <0.01 | 0.54 | 0.08 | 0.11 | 0.04 | 0.08 | 1.30 | 99.6 |
| 1924301 |  | 54.1 | 19.30 | 6.82 | 8.24 | 3.09 | 3.71 | 1.47 | $<0.01$ | 0.79 | 0.11 | 0.18 | 0.07 | 0.05 | 0.70 | 98.6 |
| 1924316 |  | 61.0 | 16,60 | 6.31 | 6.14 | 2.72 | 3.44 | 1.90 | <0.01 | 0.75 | 0.13 | 0.13 | 0.04 | 0.07 | 1.50 | 100.5 |

To: MIOCENE METALS LIMITED

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | ME-MS81 Ag Ppm 1 | $\begin{gathered} \text { ME-MS81 } \\ \text { Ba } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MSB } \\ \mathrm{Ce} \\ \mathrm{ppm} \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Co } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Cr } \\ \text { ppm } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Cs } \\ \text { ppm } \\ \text { 0.01 } \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Cu } \\ \text { Ppm } \\ 5 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Dy } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Er } \\ \text { Ppm } \\ 0,03 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { E } u \\ \text { ppm } \\ 0.03 \end{gathered}$ | ME-MSB1 <br> Ga <br> ppin <br> 0.1 | $\begin{gathered} \text { ME-MS81 } \\ \text { Gd } \\ \text { PPm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Hf } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS81 } \\ \text { Ho } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { La } \\ \mathrm{ppm} \\ 0.5 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924300 |  | $<1$ | 777 | 36.4 | 10.2 | 20 | 1.84 | 5 | 3.81 | 2.48 | 0.98 | 17.0 | 3.92 | 4.9 | 0.79 | 17.6 |
| 1924301 |  | $<1$ | 456 | 22.7 | 17.3 | 30 | 1.78 | 29 | 3.18 | 1.94 | 1.04 | 20.1 | 3.23 | 2.8 | 0.66 | 10.5 |
| J924316 |  | <1 | 665 | 29,7 | 16.4 | 30 | 2.19 | 19 | 4.31 | 2.65 | 1.04 | 18.0 | 4.20 | 4.3 | 0,88 | . 2 |




## CERTIFICATE VA10124452

## Project: 677

P.O. No.: 677100011

This report is for 24 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 1-SEP-2010.
The following have access to data associated with this certificate:

|  | SANIPLE PREPARATION |
| :--- | :--- |
| ALS CODE | DESCRIPTION |
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Red w/o BarCode |
| CRU-31 | Fine crushing $-70 \%<2 \mathrm{~mm}$ |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000 g to $85 \%<75 \mathrm{um}$ |
| BAG-01 | Bulk Master for Storage |
| PUL-QC | Pulverizing QC Test |


|  | ANALYTICAL PROCEDURES |  |
| :--- | :--- | :--- |
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-ICP21 | Au 30g FA ICP-AES Finish | ICP-AES |
| ME-MS61 | 48 element four acid ICP-MS |  |

To: MIOCENE METALS LIMITED ATTN: PETER ANDERSEN 129 FIELDING RD
LIVELY ON P3Y 1 L7

This is the Final Report and supersedes any preliminary report with this certificate number, Results apply to samples as submitted. All pages of this report have been checked and approved for release.


Colin Ramshaw, Vancouver Laboratory Manager

Project: 677

## CERTIFICATE OF ANALYSIS VA10124452

| Sample Description | Method Analyte Units LOR | WEI-21 <br> Recvd Wt. <br> kg <br> 0.02 | $\begin{gathered} \mathrm{Au-\mid CP21} \\ \mathrm{Au} \\ \mathrm{ppm} \\ 0.001 \end{gathered}$ | ME-MS61 Ag PPm 0.01 | $\begin{gathered} \text { ME-M56 } \\ \text { Al } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { As } \\ \text { PPm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Ba } \\ \text { ppm } \\ 10 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Be } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Bi } \\ \text { Ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSS1 } \\ \text { Ca } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cd } \\ \text { Ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MSE7 } \\ \text { Ce } \\ \text { ppm } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Co } \\ \mathrm{ppm} \\ 0.1 \end{gathered}$ | ME-MS6. 1 <br> Cr <br> ppm <br> 1 | $\begin{gathered} \text { ME-MSG1 } \\ \text { Cs } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Cu } \\ \text { Ppm } \\ 0,2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| J924302 |  | 3.68 | 0.002 | 0.07 | 7.81 | 2.8 | 700 | 0.82 | 0.02 | 4.08 | 0.12 | 19.20 | 18.4 | 24 | 1.02 | 60.4 |
| 1924303 |  | 4.28 | 0.009 | 0.17 | 8.60 | 3.8 | 350 | 1.05 | 0.06 | 4.44 | 0.13 | 29.2 | 21.3 | 6 | 0.48 | 76.5 |
| J924304 |  | 3,42 | 0.007 | 0.12 | 8.27 | 3.8 | 400 | 1.02 | 0.06 | 4.29 | 0.09 | 25.3 | 16.4 | 2 | 0.64 | 53.7 |
| 1924305 |  | 4.14 | 0.041 | 0.17 | 8.31 | 5.5 | 740 | 0.84 | 0.09 | 4.29 | 0.10 | 25.3 | 20.2 | 16 | 1.15 | 74.1 |
| 1924306 |  | 4.86 | 0.008 | 0.19 | 8.39 | 2, ${ }^{\text {b }}$ | 550 | 0.95 | 0.08 | 4.46 | 0.18 | 24.1 | 20.4 | 29 | 0.78 | 117.5 |
| 1924307 |  | 4.86 | 0.018 | 0.39 | 8.93 | 5.2 | 270 | 0,99 | 0.11 | 5.20 | 0.21 | 30.8 | 22.2 | 10 | 0.36 | 121.0 |
| 1924308 |  | 4.28 | 0.085 | 0.33 | 7.91 | 4.9 | 610 | 0,83 | 0.53 | 4.18 | 0.15 | 21.4 | 15.5 | 25 | 1.02 | 71.7 |
| 1924309 |  | 4.28 | 0.056 | 0.30 | 7.99 | 4.2 | 1020 | 1.03 | 0.18 | 2.83 | 0.20 | 25.9 | 9.6 | 11 | 1.32 | ${ }_{70} 13$ |
| J924310 |  | 4,52 | 0.021 | 0.32 | 8.18 | 4.8 | 570 | 0.87 | 0.10 | 4.23 | 0.23 | 24.1 | 16.0 | 26 | 0.99 | 45.4 |
| 1924311 |  | 5.40 | 0.008 | 0.11 | 7.80 | 4.1 | 280 | 0.84 | 0.06 | 4.08 | 0.14 | 21.8 | 15.0 | 26 |  |  |
| 1924312 |  | 3.12 | 0.019 | 0.07 | 7.71 | 4.5 | 650 | 0.87 | 0.14 | 3.44 | 0.09 | 22.8 | 15.5 | 12 | 1.02 |  |
| 1924313 |  | 4.90 | 0.006 | 0.40 | 7.94 | 5.3 | 570 | 0.83 | 0.41 | 3.44 | 1.48 | 21.1 | 15.2 | 18 | 0.89 | 95.9 |
| 1924314 |  | 3.28 | 0.010 | 0.22 | 8.05 | 9.4 | 360 | 0.81 | 0.12 | 4.11 | 0.33 | 23.4 | 24.3 | 27 | 1.17 | 84.5 |
| 1924315 |  | 3.96 | 0.003 | 0.13 | 8.27 | 3.9 | 320 | 0.72 | 0.07 | 5.10 | 0.13 | 16.50 | 18.1 | 32 | 1.90 |  |
| 1924317 |  | 4.20 | 0.002 | 0.11 | 8.17 | 2.7 | 790 | 1.07 | 0.13 | 3.54 | 0.15 | 27.4 | 18.0 | 32 |  |  |
| 1924318 |  | 4.40 | 0.022 | 0.34 | 7.52 | 1.5 | 660 | 0.95 | 0.12 | 3.46 | 0.11 | 26.3 | 15.0 | 23 | 1.57 | 92.7 |
| 1924319 |  | 6.70 | 0.002 | 0.11 | 7.53 | 1.2 | 700 | 1.02 | 0.16 | 3.46 | 0.16 | 24.5 | 14.3 | 18 | 1.11 | 33.1 |
| 1924320 |  | 6.92 | 0.002 | 0.10 | 7.37 | 0.9 | 680 | 0,80 | 0.14 | 3.62 | 0.18 | 22.9 | 14.1 | 17 | 1.36 | 36.7 |
| 1924321 |  | 7.36 | 0.002 | 0.19 | 7.49 | 1.2 | 720 | 0.98 | 0.20 | 3.53 | 0.21 | 25.5 | 13.9 | 16 |  |  |
| 1924322 |  | 5.98 | 0.298 | 0.55 | 7.33 | 2.7 | 710 | 0.90 | 0.78 | 3.70 | 0.70 | 23.4 | 19.1 | 16 | 1.10 |  |
| 1924323 |  | 7.42 | 0.006 | 0.41 | 7.71 | 1.5 | 710 | 0.97 | 0.18 | 3.65 | 0.44 | 24.5 | 14.7 | 16 | 1.13 | 217 |
| 1924324 |  | 6.84 | 0.002 | 0.68 | 7.53 | 2.5 | 700 | 0.97 | 0.20 | 3.81 | 0.19 | 23.5 | 17.7 | 19 | 1.23 | 309 |
| 1924325 |  | 6.62 | 0.003 | 0.18 | 7.83 | 2.9 | 730 | 0.91 | 0.24 | 3.82 | 0.16 | 25.6 | 15.0 | 23 | 1,55 | 81.0 |
| 1924326 |  | 6.64 | 0.002 | 0,38 | 7.69 | 1.3 | 680 | 0.97 | 0.13 | 3.90 | 0.54 | 24.6 | 14.5 | 19 | 1.44 | 150.0 |

Total \# Pages: 2 (A - D)
Plus Appendix Pages

Project: 677
minerals

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS61 } \\ \text { Fe } \\ \% \\ 0.01 \end{gathered}$ | ME-MS61 Ga PPm 0.05 | $\begin{gathered} \text { ME-MSG1 } \\ \text { Ge } \\ \text { Ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Hf } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { In } \\ \text { Ppmı } \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-MS\&1 } \\ \text { K } \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { La } \\ \text { ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME.-MS61 } \\ \text { Li } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MSB1 } \\ \text { Mg } \\ \text { \& } \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Mn} \\ \mathrm{ppm} \\ 5 \\ \hline \end{gathered}$ | ME-MS61 Mo Ppm 0.05 | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Na} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Nb} \\ \mathrm{Ppm} \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ni} \\ \text { PPm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { P } \\ \text { ppm } \\ 10 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924302 |  | 4.58 | 20.3 | 0.16 | 0.4 | 0.066 | 1.28 | 7.4 | 16.8 | 1.76 | 892 | 0.71 | 2.88 | 3.3 | 18.5 | 800 |
| 1924303 |  | 5.80 | 22.5 | 0.19 | 0.4 | 0.073 | 0.69 | 11.2 | 8.8 | 1.61 | 1220 | 0.71 | 3.36 | 4.0 | 4.8 | 1820 |
| 1924304 |  | 5.58 | 21.0 | 0.18 | 0.3 | 0.065 | 0.75 | 9.7 | 9.6 | 1.64 | 1140 | 0.45 | 3.20 | 3.8 | 2.3 | 1790 |
| 1924305 |  | 5.23 | 20.8 | 0.17 | 0.4 | 0.071 | 1.12 | 10.0 | 12.6 | 1.90 | 1080 | 1.07 | 2.87 | 3.1 | 15.0 | 1050 |
| 1924306 |  | 4.97 | 20.5 | 0.18 | 0.4 | 0.070 | 1.02 | 9.7 | 9.9 | 1.89 | 1150 | 0.97 | 2.97 | 3.1 | 12.6 | 980 |
| 1924307 |  | 6.25 | 22.2 | 0.19 | 0.6 | 0.108 | 0.56 | 12.6 | 9.4 | 2.24 | 1760 | 1.03 | 3.32 | 3,3 | 8.6 | 1560 |
| 1924308 |  | 4.48 | 20.5 | 0.17 | 0.3 | 0.072 | 1.00 | 8.3 | 13.7 | 1.67 | 1100 | 1.14 | 2.86 | 3.4 | 18.0 | 800 |
| 1924309 |  | 3.00 | 19.60 | 0.20 | 0.1 | 0.024 | 1.59 | 11.3 | 12.7 | 0.88 | 476 | 1.23 | 3.00 | 3.7 | 5.0 | 710 |
| 1924310 |  | 4.27 | 20.5 | 0.19 | 0.3 | 0.088 | 1.19 | 10.0 | 14.3 | 1.57 | 951 | 1.09 | 2.89 | 3.4 | 12.7 | 720 |
| 1924311 |  | 3.93 | 20.2 | 0.17 | 0.3 | 0.071 | 0.95 | 8.3 | 12.4 | 1.72 | 885 | 0.67 | 2.93 | 3.3 | 18.3 | 720 |
| 1924312 |  | 2.99 | 20.1 | 0.19 | 0.2 | 0.038 | 1.13 | 9.7 | 11.3 | 1.14 | 692 | 0.29 | 2.78 | 3.8 | 9.2 | 700 |
| 1924313 |  | 3,39 | 20.8 | 0.16 | 0.2 | 0.040 | 1.14 | 8.9 | 16.1 | 1.35 | 834 | 0.94 | 2.91 | 3.6 | 12.5 | 620 |
| 1924314 |  | 4.58 | 20.1 | 0.20 | 0.4 | 0.062 | 0.93 | 9.3 | 14.6 | 1.84 | 988 | 1.65 | 2.83 | 3.3 | 20.2 | 740 |
| 1924315 |  | 4.81 | 20.5 | 0.16 | 0.4 | 0,068 | 1.00 | 6.5 | 11.1 | 1.92 | 1170 | 1.40 | 2.74 | 3.0 | 8.6 | 850 |
| 1924317 |  | 4.15 | 19.85 | 0.20 | 0.9 | 0.052 | 1.67 | 11.5 | 17.4 | 1.82 | 818 | 1.94 | 2.75 | 3.6 | 23.7 | 790 |
| J924318 |  | 3.77 | 18.90 | 0.19 | 0.6 | 0.049 | 1.51 | 11.3 | 18.1 | 1.40 | 739 | 1.62 | 2.58 | 3.7 | 14.8 | 650 |
| J924319 |  | 3.64 | 18.95 | 0.20 | 0.4 | 0.049 | 1.54 | 10.4 | 9.7 | 1.22 | 794 | 1.80 | 2.62 | 3.9 | 11.0 | 570 |
| 1924320 |  | 3.76 | 18.60 | 0.19 | 0.4 | 0.049 | 1.52 | 9.4 | 9.4 | 1.23 | 768 | 1.83 | 2.54 | 3.8 | 10.5 | 580 |
| 1924321 |  | 3.66 | 18.50 | 0.20 | 0.4 | 0.047 | 1.65 | 10.9 | 10.5 | 1.20 | 885 | 2.18 | 2.48 | 3, ${ }^{\text {8 }}$ | 10.6 | 570 |
| 1924322 |  | 3,93 | 17.65 | 0.20 | 0.3 | 0.055 | 1.51 | 9.8 | 14.4 | 1.21 | 1100 | 1.98 | 2.15 | 3.8 | 11.1 | 570 |
| 1924323 |  | 3.73 | 19.35 | 0.18 | 0.3 | 0.058 | 1.62 | 10.2 | 10.4 | 1.23 | 834 | 3.71 | 2.63 | 4.0 | 10.5 | 580 |
| 1924324 |  | 3.93 | 20.2 | 0.18 | 0.4 | 0.058 | 1.48 | 9.8 | 15.0 | 1.31 | 1000 | 2.05 | 2.54 | 4.0 | 13.1 | 630 |
| 1924325 |  | 3.95 | 18.15 | 0.11 | 0.6 | 0.052 | 1.65 | 10.0 | 10.1 | 1.35 | 886 | 9.98 | 2.64 | 4.1 | 14.4 | 640 |
| J924326 |  | 3.95 | 18.35 | 0.12 | 0.5 | 0.052 | 1.67 | 9.9 | 7.6 | 1.27 | 838 | 2.14 | 2.68 | 4.3 | 11.7 |  |

Total \# Pages: 2 ( $A-D$ ) Plus Appendix Pages Finalized Date: 22-SEP-2010 Account: MIOMIN
Project: 677
minerals

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS67 } \\ \text { Pb } \\ \text { Ppm } \\ 0.5 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Rb } \\ \text { PPm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSG1 } \\ \text { Re } \\ \text { ppmi } \\ 0.002 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{S} \\ \% \\ 0.01 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sb } \\ \text { ppm } \\ 0.05 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sc } \\ \text { ppm } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE1 } \\ \text { Se } \\ \text { Ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sn } \\ \text { ppm } \\ \text { D.2 } \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \text { Sr } \\ \text { ppm } \\ 0.2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{Ta} \\ \text { Ppm } \\ 0.05 \end{gathered}$ | ME-MS61 <br> Te <br> ppm <br> 0.05 | ME-MS61 <br> Th <br> pprn <br> 0.2 | $\begin{gathered} \text { ME-MS61 } \\ \mathrm{T}+ \\ \% \\ 0.005 \end{gathered}$ | $\begin{gathered} \text { ME-M561 } \\ \text { TI } \\ \text { Ppm } \\ 0.02 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ U \\ \text { ppm } \\ 0.1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924302 |  | 10.2 | 17.1 | $<0.002$ | 0.03 | 1.09 | 17.0 | 2 | 0.9 | 525 | 0.22 | 0.08 | 2.6 | 0.438 | 0.28 | 1.2 |
| 1924303 |  | 9.9 | 9.5 | $<0.002$ | 0.33 | 1.01 | 24.7 | 3 | 1.3 | 483 | 0.27 | 0.24 | 1.2 | 0.775 | 0.15 | 0.6 |
| J924304 |  | 7.8 | 11.2 | <0.002 | 0.30 | 0.91 | 23.1 | 2 | 1.0 | 480 | 0.26 | 0.19 | 1.3 | 0.759 | 0.20 | 0.5 |
| J924305 |  | 9.0 | 17.1 | 0.002 | 0.41 | 0.82 | 22.6 | 2 | 1.0 | 523 | 0.22 | 0.36 | 3.1 | 0.545 | 0.29 | 1.3 |
| 1924306 |  | 10.6 | 18.1 | <0.002 | 0.39 | 0.81 | 24.7 | 2 | 1.0 | 549 | 0.21 | 0.23 | 2.5 | 0.565 | 0.20 | 0.8 |
| J924307 |  | 17.4 | 10.9 | 0.002 | 0.52 | 1.01 | 34.3 | 3 | 1.3 | 608 | 0.21 | 0.55 | 1.2 | 0.809 | 0.11 | 0.7 |
| J924308 |  | 9.9 | 14.8 | <0.002 | 0.36 | 1.13 | 17.4 | 2 | 1.0 | 488 | 0.22 | 1.51 | 2.7 | 0.439 | 0.29 | 1.2 |
| 1924309 |  | 11.8 | 33.5 | $<0.002$ | 0.68 | 1.01 | 9.8 | 2 | 0.7 | 409 | 0.28 | 0.62 | 4.1 | 0.313 | 0.41 | 1.6 |
| 1924310 |  | 13.1 | 22.1 | $<0.002$ | 0.38 | 1.69 | 17.2 | 2 | 1.0 | 492 | 0.23 | 0.37 | 3.7 | 0.428 | 0.34 | 1.7 |
| 1924311 |  | 11.4 | 15.9 | $<0.002$ | 0.10 | 1.48 | 18.1 | 2 | 2.1 | 541 | 0.24 | 0.15 | 2.8 | 0.417 | 0.38 | 1.1 |
| J924312 |  | 10.2 | 26.5 | <0.002 | 0.13 | 1.51 | 13.8 | 2 | 1.9 | 529 | 0.26 | 0.18 | 2.2 | 0.353 | 0.43 | 0.7 |
| J924313 |  | 39.7 | 23.6 | $<0.002$ | 0.15 | 1.42 | 14.6 | 2 | 1.5 | 538 | 0.26 | 0.34 | 2.7 | 0.344 | 0.41 | 1.0 |
| J 924314 |  | 17.3 | 15.8 | $<0.002$ | 0.27 | 1.16 | 19.2 | 2 | 1.2 | 502 | 0.23 | 0.28 | 3.0 | 0.432 | 0.35 | 1.2 |
| J924315 |  | 12.1 | 12.1 | $<0.002$ | 0.11 | 1.25 | 17.9 | 2 | 1.1 | 521 | 0.19 | 0.11 | 1.3 | 0.462 | 0.38 | 0.6 |
| 1924317 |  | 10.2 | 49.0 | 0.002 | 0.34 | 0.65 | 19.9 | 3 | 1.4 | 403 | 0.29 | 0.06 | 4.0 | 0.431 | 0.80 | 1.5 |
| J924318 |  | 10.5 | 35.4 | 0.005 | 0.18 | 0.61 | 17.9 | 2 | 1.5 | 379 | 0.30 | $<0.05$ | 3.9 | 0.382 | 0.40 | 1.5 |
| J 924319 |  | 12.5 | 30.6 | 0.002 | 0.05 | 0.65 | 18.1 | 2 | 1.5 | 326 | 0.31 | $<0.05$ | 4.2 | 0.368 | 0.38 | 1.5 |
| 1924320 |  | 11.0 | 32.0 | <0,002 | 0.04 | 0.66 | 18.0 | 2 | 1.5 | 324 | 0.31 | 0.05 | 3.7 | 0.374 | 0.41 | 1.5 |
| 1924321 |  | 13.6 | 39.3 | 0.002 | 0.05 | 0.72 | 1B. 5 | 2 | 1.4 | 314 | 0.31 | 0.06 | 4.5 | 0.369 | 0.43 | 1.6 |
| 1924322 |  | 38.4 | 33.2 | <0,002 | 0.35 | 1.19 | 47.9 | 2 | 1.4 | 325 | 0.28 | 0.56 | 4.1 | 0.368 | 0.46 | 1.6 |
| J924323 |  | 17.4 | 31.7 | 0.002 | 0.12 | 0.61 | 18.0 | 2 | 1.5 | 316 | 0.32 | 0.07 | 4.0 | 0.379 | 0.44 | 1.6 |
| 1924324 |  | 12.8 | 29.2 | $<0.002$ | 0.09 | 0.97 | 19.5 | 2 | 1.5 | 349 | 0.32 | 0.07 | 3.7 | 0.388 | 0.42 | 1.4 |
| 1924325 |  | 15.1 | 34.4 | 0.006 | 0.07 | 1.17 | 18.4 | 2 | 1.5 | 355 | 0.39 | 0.08 | 4.1 | 0.402 | 0.42 | 1.4 |
| 1924326 |  | 20.0 | 32.7 | $<0.002$ | 0.08 | 0. 06 | 17.8 | 2 | 1.5 | 320 | 0.41 | 0.05 | 4.1 | 0.400 | 0.43 | 1.4 |

Project: 677

| Sample Description | Method Analyte Units LOR | $\begin{gathered} \text { ME-MS } 61 \\ V \\ \text { Ppm } \\ 1 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ w \\ \text { PPT } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME.-MSS61 } \\ Y \\ \text { pprn } \\ 0.1 \end{gathered}$ | $\begin{gathered} \text { ME-MSE] } \\ \text { Zn } \\ \text { Ppm } \\ 2 \end{gathered}$ | $\begin{gathered} \text { ME-MS61 } \\ 7 . r \\ \text { PPm } \\ 0.5 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1924302 |  | 160 | 0.2 | 14.0 | 87 | 5.0 |
| 1924303 |  | 203 | 0.4 | 26.7 | 88 | 6.3 |
| 1924304 |  | 198 | 0.3 | 24.5 | 81 | 6.0 |
| 1924305 |  | 190 | 0.4 | 19.7 | 87 | 5.9 |
| 1924306 |  | 190 | 0.5 | 21.8 | 96 | 7.5 |
| J924307 |  | 265 | 0.7 | 29.1 | 135 | 13.7 |
| J924308 |  | 159 | 0.4 | 15.3 | 106 | 5.3 |
| J924309 |  | 79 | 0.2 | 14.6 | 71 | 3.6 |
| 1924310 |  | 143 | 0.4 | 16.4 | 95 | 4.9 |
| 1924311 |  | 152 | 0.4 | 15.4 | 83 | 4.3 |
| 1924312 |  | 110 | 0.5 | 12.7 | 68 | 3.8 |
| 1924313 |  | 120 | 0.7 | 11.9 | 257 | 3.1 |
| 1924314 |  | 158 | 0.5 | 15.9 | 112 | 4.8 |
| 1924315 |  | 174 | 0.4 | 15,6 | 103 | 6.8 |
| 1924317 |  | 153 | 0.6 | 20.5 | 68 | 28.5 |
| J924318 |  | 140 | 0.6 | 19.8 | 62 | 15.9 |
| 1924319 |  | 133 | 0.6 | 19.9 | 68 | 5.2 |
| 1924320 |  | 134 | 0.4 | 19.7 | 70 | 4.9 |
| 1924321 |  | 137 | 0.7 | 20.5 | 79 | 4.9 |
| 1924322 |  | 135 | 0.8 | 19.0 | 126 | 4.1 |
| 1924323 |  | 135 | 0.4 | 20.0 | 87 | 4.2 |
| 1924324 |  | 142 | 0.7 | 19.6 | 92 | 8.6 |
| 1924325 |  | 143 | 0.8 | 21.3 | 77 | 12.2 |
| 5924326 |  | 148 | 1.2 | 20.5 | 98 | 6.6 |
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| Method | CERTIFICATE COMMENTS |  |
| :--- | :--- | :--- |
| ME-MS61 |  |  |
|  |  |  |
|  |  |  |

## D. APPENDIX D: Rogers Creek Expenditure Statements

| Summary of Expenditures for Rogers Creek 2010 |  |
| :---: | :---: |
| Category | Total Cost CAD \$ |
| 01 Personnel |  |
| 1a_Geology Consulting | 99,768.82 |
| 1b_Geology Wages | 45,803.54 |
| 02_Office Studies |  |
| 03_Airborne Explo Survey | - |
| 04 Remote Sensing | - |
| 05_Ground Exploration Survey | - |
| 06_Ground Geophysics | - |
| 07_Geochemical (Drill Cores, Rocks, Silts \& Soils) | 70,125.73 |
| 07a_Rock, Soil \& Silts |  |
| 07b (Drill Cores Only) | 13,510.84 |
| 08_Drilling | 126,244.26 |
| 09_Other Operations (Trenchin/Bulk Sampling, UG Development) | - |
| 10_Reclamation | - |
| 11_Transportation | 15,762.91 |
| 12_Accomodation And Food | 41,513.13 |
| 13_Miscelleneous (Phones-Comms) | 13,585.87 |
| 14_Equipment Rentals | 21,472.65 |
| 15_Freight (Rock Samples) |  |
| TOTAL | 447,787.75 |

## Expenditure 1a_Geology Consulting Services for Rogers Crrek 2010

| Company | Acct | Sub-acct | date | Jmı | reference | description | Amount | jiml \# | Month | Account | Sub-account | Category |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Wallbridge | 677 | 660 | 20100531 | PJ | Inv\#201001 | Joshua Lindgren | 939.11 | PJ2210 | May | Roger's Creek | Consulting Services-Geological | 1 a |
| Wallbridge | 677 | 660 | 20100630 | GJ | invoices | Strain Exploration-consultants | 5,999.00 | GJ9T03 | June | Roger's Creek | Consulting Services-Geological | 1 a |
| Wallbridge | 677 | 660 | 20100630 | GJ | inv\#201002 | J. Lindgren s/b consultants | 4,521.78 | GJ9T02 | June | Roger's Creek | Consulting Services-Geological | 1a |
| Wallbridge | 677 | 660 | 20100630 | PJ | Inv\#110076 | GeoReference Online Ltd. | 2,100.00 | PJ2249 | June | Roger's Creek | Consulting Services-Geological | 1 a |
| Wallbridge | 677 | 660 | 20100630 | PJ | Inv\#100630 | Miocene Metals Limited | 1,069.29 | PJ2275 | June | Roger's Creek | Consulting Services-Geological | 1 a |
| Wallbridge | 677 | 660 | 20100630 | GJ | inv\#201004 | J. Lindgren s/b consultants | 600.00 | GJ9T02 | June | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100630 | GJ | not FT exp | May \& June time re projects | 593.00 | GJ0048 | June | Roger's Creek | Consulting Services-Geological | 1a |
| Wallbridge | 677 | 660 | 20100630 | GJ | inv\#201003 | J. Lindgren s/b consultants | 300.00 | GJ9T02 | June | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100701 | GJ | A.Soever | May \& June time | 348.00 | GJ0017 | July | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100701 | GJ | J.Bailey | May time | 245.00 | GJ0017 | July | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100701 | GJ | not FT exp | May \& June time re projects | 593.00 | GJ0048 | July | Roger's Creek | Consulting Services-Geological | 1a |
| Wallbridge | 677 | 660 | 20100723 | PJ | Inv\#201005 | Joshua Lindgren | 1,760.97 | PJ2279 | July | Roger's Creek | Consulting Services-Geological | 1a |
| Wallbridge | 677 | 660 | 20100723 | PJ | Inv2107015 | Strain Exploration Services Lt | 1,750.00 | PJ2279 | July | Roger's Creek | Consulting Services-Geological | 1 a |
| Wallbridge | 677 | 660 | 20100731 | PJ | WM20100731 | Strain Exploration Services Lt | 5,600.00 | PJ2298 | July | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100731 | GJ | 711/2010 | GeoReference Online Inc. | 4,976.33 | GJ0018 | July | Roger's Creek | Consulting Services-Geological | 1a |
| Wallbridge | 677 | 660 | 20100731 | PJ | Inv2010006 | Joshua Lindgren | 3,900.00 | PJ2294 | July | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100815 | PJ | In20100815 | Strain Exploration Services Lt | 3,150.00 | PJ0039 | August | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100816 | PJ | 110090A | GeoReference Online Ltd. | 1,381.94 | PJ0051 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100818 | PJ | 2010MM-12 | Wallbridge Mining Company Limi | 17,071.25 | PJ0078 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100818 | PJ | Inv2010007 | Joshua Lindgren | 3,300.00 | PJ0045 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100818 | PJ | 2010MM-15 | Wallbridge Mining Company Limi | 2,100.00 | PJ0078 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100818 | PJ | 20100815A | Strain Exploration Services Lt | 1,050.00 | PJ0066 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100818 | PJ | Inv2010008 | Joshua Lindgren | 900.00 | PJ0045 | August | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100818 | PJ | 2010MM12A | Wallbridge Mining Company Limi | 565.25 | PJ0087 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100831 | PJ | 2010MM-13 | Wallbridge Mining Company Limi | 7,637.85 | PJ0077 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100831 | PJ | 20100815B | Strain Exploration Services Lt | 4,200.00 | PJ0067 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100831 | PJ | 2010008 | Joshua Lindgren | 3,600.00 | PJ0046 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100831 | PJ | 110090B | GeoReference Online Ltd. | 1,381.94 | PJ0052 | August | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100831 | PJ | 2010-004 | Bruce C. Frank | 600.00 | PJ0065 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100831 | PJ | 2010MM13A | Wallbridge Mining Company Limi | 234.50 | PJ0088 | August | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100915 | PJ | 2010MM-17 | Wallbridge Mining Company Limi | 3,153.60 | PJ0089 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100915 | PJ | 2010-005 | Bruce C. Frank | 900.00 | PJ0090 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100923 | PJ | Inv2010009 | Joshua Lindgren | 600.00 | PJ0086 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100930 | PJ | Inv\#453740 | Robin M. Trethewey | 7,500.00 | PJ0105 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100930 | GJ | July 16-31 | GeoReference Online | 2,390.59 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100930 | PJ | 2010MM-20 | Wallbridge Mining Company Limi | 962.50 | PJ0099 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100930 | GJ | Aug. 16-31 | GeoReference Online | 589.83 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100930 | GJ | WCB BC | owing on contractors | 480.06 | GJ0071 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100930 | GJ | July 1-15 | GeoReference Online | 423.76 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100930 | PJ | SEPT1510 | Strain Exploration Services Lt | 350.00 | PJ0100 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100930 | PJ | Inv\#110096 | GeoReference Online Ltd. | 134.40 | PJ0092 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100930 | PJ | Inv\#110097 | GeoReference Online Ltd. | 45.29 | PJ0096 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100930 | GJ | Sept 1-15 | GeoReference Online | 28.68 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20100930 | GJ | Sept 16-30 | GeoReference Online | 26.13 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100930 | GJ | June 1-15 | GeoReference Online | 13.68 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100930 | GJ | June 16-30 | GeoReference Online | 5.48 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20100930 | GJ | Aug. 1-15 | GeoReference Online | 584.08 | GJ0079 | September | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101001 | GJ | WCB BC | owing on contractors | 480.06 | GJ0071 | October | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101031 | PJ | 10/1/3110 | Joshua Lindgren | 300.00 | PJ0120 | October | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101031 | GJ | estimate | accrue P.Andersen time | 93.75 | GJ0098 | October | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101031 | PJ | 2010MM-24 | Wallbridge Mining Company Limi | 93.75 | PJ0129 | October | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101031 | PJ | 2010MM-25 | Wallbridge Mining Company Limi | 93.75 | PJ0129 | October | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20101031 | GJ | rev.GJ98 | invoices received | 93.75 | GJ0107 | October | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20101111 | PJ | 2010MM-27 | Wallbridge Mining Company Limi | 428.75 | PJ0149 | November | Roger's Creek | Consulting Services-Geological | 1 a |
| Miocene | 677 | 660 | 20101130 | PJ | 2010MM-28 | Wallbridge Mining Company Limi | 570.00 | PJ0148 | November | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101215 | PJ | lnv\#110106 | GeoReference Online Ltd. | 60.35 | PJ0169 | December | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101231 | PJ | Inv\#110109 | GeoReference Online Ltd. | 243.61 | PJ0171 | December | Roger's Creek | Consulting Services-Geological | 1a |
| Miocene | 677 | 660 | 20101231 | PJ | 2010MM-32 | Wallbridge Mining Company Limi | 167.50 | PJ0176 | December | Roger's Creek | Consulting Services-Geological | 1a |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | TOTAL | 99,768.82 |  |  |  |  |  |

Expenditure 1b_Wages for Rogers Creek

| Company | Acct | Sub-acct | date |  | nl reference | description |  | Amount | jrnl \# | Month | Account | Sub-account | Category |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Wallbridge | 677 | 500 | 20100515 | PR | R P/R: May15 | 2 Pay May15, 2010 |  | 1,872.33 | PR1284 | May | Roger's Creek | Wages - Geology | 1 b |
| Wallbridge | 677 | 505 | 20100515 | PR | R P/R: May15 | 2 Pay May15, 2010 |  | 1,305.40 | PR1284 | May | Roger's Creek | Wages - Casual Labour | 1 b |
| Wallbridge | 677 | 505 | 20100531 | PR | P/R: May31 | 2 Pay May31, 2010 |  | 5,276.53 | PR1285 | May | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 500 | 20100531 | PJ | J In20100531 | Strain Exploration Services Lt |  | 4,900.00 | PJ2227 | May | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 505 | 20100531 |  | J Inv\#201002 | Joshua Lindgren |  | 4,521.78 | PJ2223 | May | Roger's Creek | Wages - Casual Labour | 1 b |
| Wallbridge | 677 | 500 | 20100531 |  | R P/R: May31 | 2 Pay May31, 2010 |  | 4,357.37 | PR1285 | May | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100531 |  | J In20100515 | Strain Exploration Services Lt |  | 749.00 | PJ2227 | May | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100615 | PR | R P/R: Jun15 | 2 Pay Jun15, 2010 |  | 1,423.81 | PR1286 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 503 | 20100615 | PR | P P/R: Jun15 | 2 Pay Jun15, 2010 |  | 232.39 | PR1286 | June | Roger's Creek | Wages - Data Management | 1 b |
| Wallbridge | 677 | 505 | 20100615 | PR | R P/R: Jun15 | 2 Pay Jun15, 2010 |  | 174.02 | PR1286 | June | Roger's Creek | Wages - Casual Labour | 1 b |
| Wallbridge | 677 | 504 | 20100615 | PR | P P/R: Jun15 | 2 Pay Jun15, 2010 |  | 66.39 | PR1286 | June | Roger's Creek | Wages - Geochemical | 1b |
| Wallbridge | 677 | 500 | 20100621 | PJ | J In20100615 | Strain Exploration Services Lt |  | 350.00 | PJ2232 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100622 |  | Inv\#201003 | Joshua Lindgren |  | 300.00 | PJ2239 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100630 | PR | R P/R: Jun30 | 2 Pay Jun30, 2010 |  | 907.04 | PR1287 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 505 | 20100630 | PJ | J Inv2010004 | Joshua Lindgren |  | 600.00 | PJ2257 | June | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 505 | 20100630 | PR | P/R: Jun30 | 2 Pay Jun30, 2010 |  | 480.44 | PR1287 | June | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 500 | 20100630 |  | J May1-15 | P.Andersen prep time BC |  | 379.40 | GJ9T08 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 503 | 20100630 | PR | R P/R: Jun30 | 2 Pay Jun30, 2010 |  | 298.79 | PR1287 | June | Roger's Creek | Wages - Data Management | 1b |
| Wallbridge | 677 | 500 | 20100630 | GJ | J May1-15 | M. Clark travel \& base camp |  | 257.75 | GJ9T08 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 504 | 20100630 | PR | P/R: Jun30 | 2 Pay Jun30, 2010 |  | 232.39 | PR1287 | June | Roger's Creek | Wages - Geochemical | 1b |
| Wallbridge | 677 | 505 | 20100630 | GJ | J May1-15 | Alan Soever travel time |  | 124.08 | GJ9T08 | June | Roger's Creek | Wages - Casual Labour | 1 b |
| Wallbridge | 677 | 500 | 20100630 | GJ | J June1-30 | P.Andersen airphotos |  | 63.11 | GJ9T08 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100630 | GJ | inv\#201003 | J. Lindgren s/b consultants |  | 300.00 | GJ9T02 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100630 |  | $J$ invoices | Strain Exploration-consultants |  | 350.00 | GJ9T03 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100630 | GJ | WCB BC | adj for rate (Jun16-Jun30) |  | 457.59 | GJ9T22 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100630 |  | J WCB BC | adj for rate (May16-Jun15) |  | 466.25 | GJ9T22 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 505 | 20100630 | GJ | Jinv\#201004 | J. Lindgren s/b consultants |  | 600.00 | GJ9T02 | June | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 500 | 20100630 |  | invoices | Strain Exploration-consultants |  | 749.00 | GJ9T03 | June | Roger's Creek | Wages - Geology | 1 b |
| Wallbridge | 677 | 505 | 20100630 | GJ | Inv\#201002 | J. Lindgren s/b consultants |  | 4,521.78 | GJ9T02 | June | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 500 | 20100630 | GJ | Invoices | Strain Exploration-consultants |  | 4,900.00 | GJ9T03 | June | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 500 | 20100715 | PR | R P/R: Jul15 | 2 Pay Jul15, 2010 |  | 2,412.97 | PR1288 | July | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 505 | 20100715 | PR | R P/R: Jul15 | 2 Pay Jul15, 2010 |  | 1,919.92 | PR1288 | July | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 506 | 20100715 | PR | R P/R: Jul15 | 2 Pay Jul15, 2010 |  | 1,277.05 | PR1288 | July | Roger's Creek | Wages - Surveyor | 1b |
| Wallbridge | 677 | 504 | 20100715 | PR | R P/R: Jul15 | 2 Pay Jul15, 2010 |  | 232.39 | PR1288 | July | Roger's Creek | Wages - Geochemical | 1 b |
| Wallbridge | 677 | 500 | 20100731 | PR | R P/R: Jul31 | 2 Pay Jul31, 2010 |  | 7,331.36 | PR1289 | July | Roger's Creek | Wages - Geology | 1b |
| Wallbridge | 677 | 505 | 20100731 | PR | R P/R: Jul31 | 2 Pay Jul31, 2010 |  | 4,221.92 | PR1289 | July | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 506 | 20100731 | PR | R P/R: Jul31 | 2 Pay Jul31, 2010 |  | 3,649.96 | PR1289 | July | Roger's Creek | Wages - Surveyor | 1b |
| Miocene | 677 | 514 | 20100731 | GJ | J July 1-15 | allocate B.Jago salary |  | 2,631.40 | GJ0018 | July | Roger's Creek | Wages-Supervisory | 1 b |
| Wallbridge | 677 | 505 | 20100731 | PJ | J 2010-002 | Bruce C. Frank |  | 2,400.00 | PJ2291 | July | Roger's Creek | Wages - Casual Labour | 1b |
| Wallbridge | 677 | 506 | 20100731 | GJ | J T.Johnson | banked days(Jul17,18,24,25,31) |  | 1,718.60 | GJ9T82 | July | Roger's Creek | Wages - Surveyor | 1b |
| Wallbridge | 677 | 503 | 20100731 | PR | R P/R: Jul31 | 2 Pay Jul31, 2010 |  | 164.87 | PR1289 | July | Roger's Creek | Wages - Data Management | 1b |
| Miocene | 677 | 505 | 20100815 | PJ | J 2010-003 | Bruce C. Frank |  | 1,800.00 | PJ0034 | August | Roger's Creek | Wages - Casual Labour | 1b |
| Miocene | 677 | 514 | 20100831 | PR | R P/R:Aug31 | 2 Pay Aug31, 2010 |  | 1,315.70 | PR1006 | August | Roger's Creek | Wages-Supervisory | 1 b |
| Miocene | 677 | 505 | 20100831 | PJ | J 2010-003 | Bruce C. Frank | - | 1,800.00 | PJ0040 | August | Roger's Creek | Wages - Casual Labour | 1 b |

## Preparation and Analysis of Drill Core Samples

| Company | Acct | Sub-acct | date | Jmi | reference | description | Amount | jimi \# | Month | Account | Sub-account |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Miocene | 677 | 630 | 20100929 | PJ | Inv2120279 | ALS Canada | 4,292.34 | PJ0091 | September | Roger's Creek | GeoChemical |
| Miocene | 677 | 630 | 20100929 | PJ | Inv2120287 | ALS Canada | 5,894.14 | PJ0091 | September | Roger's Creek | GeoChemical |
| Miocene | 677 | 630 | 20100930 | PJ | Inv2119822 | ALS Canada | 2,063.50 | PJ0096 | September | Roger's Creek | GeoChemical |
| Miocene | 677 | 630 | 20100930 | PJ | Inv2139594 | ALS Canada | 1,044.62 | PJ0096 | September | Roger's Creek | GeoChemical |
| Miocene | 677 | 630 | 20100930 | PJ | Inv2139595 | ALS Canada | 121.92 | PJ0096 | September | Roger's Creek | GeoChemical |
| Miocene | 677 | 630 | 20100930 | PJ | Inv2140319 | ALS Canada | 94.32 | PJ0096 | September | Roger's Creek | GeoChemical |
| 13,510.84 |  |  |  |  |  |  |  |  |  |  |  |

## 08_Drilling Expenditures for Roger's Creek

| Company | Acct | Sub-acct | date | Jrnl | reference | description | Amount | jrml \# | Month | Account | Sub-account | Category |
| :--- | :---: | :---: | :---: | :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
| Miocene | 677 | 635 | 20100731 | PJ | WB-001 | Black Hawk Drilling | $81,244.26$ | PJ0025 | July | Roger's Creek | Drilling | 8 |
| Wallbridge | 677 | 635 | 20100731 | PJ | WB001 | Black Hawk Driling | $25,000.00$ | PJ2296 | July | Roger's Creek | Drilling | 8 |
| Miocene | 677 | 635 | 20100831 | PJ | WB-002 | Black Hawk Driling | $20,000.00$ | PJ0047 | August | Roger's Creek | Drilling | 8 |

## E.

## APPENDIX E: Invoices \& Receipts

2103 Dollarton Hwy
Phone: $604984022 \uparrow$ Fax: 6049840218 www.alsglobal.com

## minerals


o: WALLLBRIDGE MINING COMPANY L.TD.
ATTN: PETER ANDERSEN
TOTAL. PAYABL.E (CAD) $\qquad$
129 FIELDING RD
LIVELY ON P3Y 1.7

## Please Remit Payments To

ALS Canada Ltd.
Payment may be made by: Cheque or Bank Transfer

| Beneficiary Name: | ALS Canada Ltd. |
| :--- | :--- |
| Bank: | Royal Bank of Canada |
| SWIFT: | ROYCCAT2 |
| Address: | Vancouver, BC, CAN |
| Account: | $003-00010-1001098$ |

2103 Dollarton Hwy
North Vancouver BC V7H OA7
minerals


129 FIELDING RD

Payment may be made by: Cheque or Bank Transfer

| Beneficiary Name: | ALS Canada Lid. |
| :--- | :--- |
| Bank: | Royal Bank of Canada |
| SWIFT: | ROYCCAT2 |
| Address: | Vancouver, BC, CAN |
| Account: | $003-00010-1001098$ |

ALS Canada Ltd.
Addess
ancouver, BC, CAN

North Vancouver BC V7H OA

| INVOICE NUMBER 2120279 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| QUANTITY CODE ANALYSED FOR |  |  | UNIT |  |
|  |  |  | PRICE | TOTAL |
| 100 | PREP-318 | Crush, Split, Pulverize 1 kg | 7.90 | 790.00 |
| 415,90 | PREP-31B | Weight Charge (kg) - Crush, Split, Pulverize 1 kg | 0.65 | 270.34 |
| 100 | Au-ICP21 | Au 30g FA ICP-AES Finish | 12.12 | 1,212,00 |
| 100 | ME-MS61 | 48 element four acid ICP-MS | 15.72 | 1,572.00 |
| 100 | GEO-4A01 | Four Acid Dig - ME-MS61 | 4.48 | 448.00 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | SUBTOTAL (CAD) | \$ | 4,292.34 |
|  |  | R100938885 HST ON | \$ | 558.00 |
|  |  | TOTAL PAYABLE (CAD) | \$ | 4,850.34 |

ATTN: PETER ANDERSEN
TOTAL PAYABLE (CAD)
129 FIELDING RD
LIVELY ON P3Y 1L7

Payment may be made by: Cheque or Bank Transfer

| Beneficiary Name: | ALS Canada Lid. |
| :--- | :--- |
| Bank: | Royal Bank of Canada |
| SWIFT: | ROYCCAT2 |
| Address: | Vancouver, BC, CAN |
| Account: | $003-00010-1001098$ |

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H OA7

Als Canala
To: MIOCENE METALS LIMITED
Page 1 of 1

## 2103 Dollarton Hevy

North Vancouver BC V7H OAT
Phane: 6049840221 Fax: 6049840218 www.alsglobal.com


俍
ATTN: PETER ANDERSEN
TOTAL PAYABLE (CAD)
LIVELY ON P3Y 117

Payment may be made by: Cheque or Bank Transfer
Beneficiary Name: ALS Canada Ltd.
Bank: Royal Bank of Canada
SWIFT
SWIFT:
Adaress
ROYCCAT2
Please Remit Payments To:
ALS Canada Ltd.
Account:

Vancouver, BC, CAN
003-00010-1001098

2103 Dollarton Hwy
North Vancouver BC V7H OA7

2103 Dollarton Hwy
BC V7H 0A7
Phone: 6049840221


129 FIELDING RD
LIVELY ON P3Y 1L7

Please Remit Payments To :

## ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H OA7
Payment may be made by: Cheque or Bank Transfer

| Beneficlary Name: | ALS Canada Ltd. |
| :--- | :--- |
| Bank: | Royal Bank of Canada |
| SWIFT: | ROYCCAT2 |
| Address: | Vancouver, BC, CAN |
| Account: | $003-00010-1001098$ |

ALS Canada Ltd.
To: MIOCENE METALS LIMITED
Page 1 of 1
2103 Dollarton Hwy
Phone: 6049840221 Fax: 6049840218 www.alsglobal.com
minerals


ATTN: PETER ANDERSEN
129 FIELDING RD
LIVELY ON P3Y 1L7

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H OA7
Payment may be made by: Cheque or Bark Transfer

| Beneficiary Name: | ALS Canada Ltd. |
| :--- | :--- |
| Bank: | Royal Bank of Canada |
| SWIFT: | ROYCCAT2 |
| Address: | Vancouver, BC, CAN |
| Account: | $003-00010-1001098$ |

Box 2828
Smithers, British Columbia VOJ 2 N 0
Telephone: $\quad 250-877-7729$
Fax: $\quad 250-877-7580$
blackhawkdrilling@telus net

## Drilling Invoice


(BLACKHAKK (

## Drilling Details

Core Drilling

| Hole \# | Unit | Depth Meters | Hourly Rate | Unit Price | Total | Drilling Total |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  |  |
| MRC-001 | NW | 0.00 | 12.20 | $\$$ | 71.25 | $\mathbf{S}$ | 869.25 |  |
|  | NQ | 12.20 | 300.00 | $\$$ | 72.50 | $\mathbf{S}$ | $20,865.50$ |  |
|  | NQ | 300.00 | 582.32 | $\mathbf{S}$ | 78.75 | $\mathbf{S}$ | $22,232.70$ |  |
| MRC-002 | NW | 0.00 | 21.34 | $\mathbf{S}$ | 71.25 | $\mathbf{S}$ | $1,520.48$ |  |
|  | NQ | 21.34 | 300.00 | $\$$ | 72.50 | $\mathbf{S}$ | 20.202 .85 |  |
|  | NQ | 300.00 | 414.63 | $\mathbf{S}$ | 78.75 | $\mathbf{S}$ | $9,027.11$ |  |

Page
\#3
Invoice \# WB-001

## Customer Time



Customer Time Total
Page *4

Invoice \# WB-00I

## Chargeable Materials

| Date | Hole \# | Description | Quanity |  | Price |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 17-Jul MRC-001 | 550 Polymer | 1 | \$ | 217.03 | \$ | 217.03 |
|  | 18-Jul | 550 Polymer | 1 | \$ | 217.03 | S | 217.03 |
|  | 19-Jul | Rod Grease | 1 | \$ | 143.44 | S | 143.44 |
|  | 20-Jul | Bio Bon Polymer | 1 | S | 193.46 | 5 | 193.46 |
|  |  | Lift Polymer | 1 | S | 205.97 | \$ | 205.97 |
|  | 25-Jul | 10f Casing NQ | 11 | S | 235.20 | 5 | 2,587.20 |
|  |  | Casing Plug | 1 | \$ | 58.50 | S | 58.50 |

## Misc. Opertions

| Date | Description |  | Rate |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July Mob In of Drill |  | 1.00 | \$5,500.00 | \$ | 5,500.00 |
|  | Travel Expenses from Crew | Hotels, Meals,Fuel | 1.00 | \$ 3,236.74 | S | 3,236.74 |






## Drilling Details

Core Drilling


## Customer Time

| Date | Operation | Drill Hours | Man Hours | Price |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OCT 162010 | Pad building Pad builder | 1.00 |  | \$ | 850.00 | \$ | 850.00 |
|  | Standby for day light | 1.50 |  | 5 | 125.00 | S | 187.50 |
|  | Testing | 1.30 |  | \$ | 125.00 | \$ | 187.50 |
|  | Reaming | 0.50 |  | 5 | 125.00 | \$ | 62.50 |
|  | Hole Stabilizing | 1.50 |  | 5 | 125.00 | \$ | 187.50 |
| OCT 172010 | Pad building Pad builder | 1.00 |  | 5 | 850.00 | \$ | 850,00 |
|  | Testing | 1.00 |  | S | 125.00 | \$ | 125.00 |
|  | Hole Stabilizing | 1.50 |  | S | 125.00 | \$ | 187.50 |
|  | Reaming | 1.00 |  | S | 125.00 | \$ | 125.00 |
|  | Standby for day light | 1.50 |  | 5 | 125.00 | \$ | 187.50 |
| OCT 182010 | Pad building Pad builder | 1.00 |  | S | 850.00 | S | 850.00 |
|  | Hole Stabilizing | 0.50 |  | S | 125.00 | \$ | 62.50 |
|  | Reaming | 1.00 |  | 5 | 125.00 | \$ | 125.00 |
|  | Standly | 13.50 |  | S | 125.00 | \$ | 1,687,50 |
| OCT 192010 | Pad building Pad builder | 1.00 |  | \$ | 850.00 | \$ | 850.00 |
|  | Reaming | 1.50 |  | 5 | 125.00 | S | 187.50 |
|  | Hole Stabilizing | 1.50 |  | 5 | 125.00 | S | 187.50 |
|  | Testing | 0.50 |  | S | 125.00 | \$ | 62.50 |
|  | Stanby | 4.50 |  | \$ | 125.00 | \$ | 362.50 |
|  | Travel | 1.50 |  | S | 125.00 | \$ | 187.50 |
| OCT 202010 | Pad building Pad builder travel out |  | 16.00 | \$ | 45.00 | \$ | 720.00 |
|  | Hole Stabilizing | 2.00 |  | S | 125.00 | \$ | 250.00 |
|  | Testing | 1.00 |  | \$ | 125.00 | \$ | 125.00 |
|  | Standly for day light | 1.50 |  | S | 125.00 | \$ | 187.50 |
| OCT 212010 | Hole Stabilizing | 2.00 |  | S | 125.00 | \$ | 250.00 |
|  | Reaming | 1.00 |  | S | 125.00 | \$ | 250.00 |
|  | Testing | 0.50 |  | \$ | 125.00 | \$ | 62.50 |
|  | Standby | 2.00 |  | S | 125.00 | S | 250.00 |
| OCT 222010 | Standly | 1.50 |  | \$ | 125.00 | \$ | 187.50 |
|  | Testing | 1.50 |  | S | 125.00 | \$ | 187.50 |
|  | Hole Stabilizing | 2.00 |  | S | 125.00 | \$ | 250.00 |
|  | Reaming | 0.50 |  | 5 | 125.00 | \$ | 62.50 |
| OCT 232010 | Standly | 5.00 |  | S | 125.00 | \$ | 625.00 |
|  | Testing | 0.50 |  | 5 | 125.00 | \$ | 62.50 |
|  | Hole Stabilizing | 0.50 |  | S | 125.00 | \$ | 62.50 |
|  | Reaming | 1.00 |  | S | 125.00 | S | 125.00 |
|  | Tear down | 4.00 |  | S | 125.00 | \$ | 500.00 |
|  | Waterline |  | 8.00 | S | 45.00 | S | 360,00 |
| OCT 242010 | Standby | 24.00 |  | S | 125.00 | S | 3,000,00 |
| OCT 252010 | Standby | 24.00 |  | S | 125.00 | S | $3,000.00$ |

## Customer Time




Misc. Opertions

| Date | Description | Unit | Rate | Total |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| OCT 292010 | Sccond supply pump | 15,00 | $\$$ | 100,00 | $\$$ |


[^0]:    Table 1: Claims comprising the Rogers Creek Property.
    9
    Table 2: Description of Rock Units in Figure 718

[^1]:    ${ }^{1}$ Text in this section is extracted from previous ARIS report authored by Bruce Jago Ph. D. President of Miocene Metals Limited.

[^2]:    ${ }^{2}$ Text in this section is extracted from previous ARIS report authored by Bruce Jago Ph. D. President of Miocene Metals Limited.

[^3]:    **** See Appendix Page for comments regarding this certificate *****

[^4]:    **** See Appendix Page for comments regarding this certificate *****

[^5]:    ***** See Appendix Page for comments regarding this certificate *****

[^6]:    ***** See Appendix Page for comments regarding this certificate ${ }^{* * * * *}$

[^7]:    ${ }^{* * * * *}$ See Appendix Page for comments regarding this certificate ${ }^{* * * *}$

