**Romios Gold Resources Inc.**

# 2006 GEOCHEMICAL AND GEOLOGICAL REPORT ON THE TREK PROPERTY

Located in the Galore Creek Area
Liard Mining Division
NTS 104G/3W
BCGS 104B.094, 104G.003, 104G.004
57$^{o}$ 03' North Latitude
131$^{o}$ 19' West Longitude

-prepared for-

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November 7, 2006

## SUMMARY

The Trek property consists of ten contiguous map-selection claims covering approximately 43 $km^2$ of mountainous terrain in northwestern British Columbia, 160 km northwest of Stewart. Access to the property is by helicopter from seasonal bases at Bob Quinn Lake airstrip on Highway 37, approximately 65 kilometres to the east. The core of the property is owned by the Galore Creek Staking Syndicate 2003, which has granted Romios Gold Resources Inc. an option to earn a 100% interest.

Prior exploration was carried out on the Trek property from 1957 to 1993. Documentation of early exploration is sparse; however the Silver Standard Zone was discovered in 1957 and staked in 1963. In 1964, during a silt sampling exploration program several mineralized zones were discovered north of Sphaler Creek (e.g. North, Northeast and Lower Northeast Zones) and to the west of the Silver Standard Zone (e.g. West Zone, Camp Zone and the southern showings). These zones contain both low-grade bulk tonnage porphyry Cu-Au mineralization and high grade massive sulphide veins. From this early work, eight claims were retained within the Trek property by Kennco/BIK and were sold to NovaGold Resources in 2004. Work in the late 1980's led to the discovery of several new zones including the Gully, Heel, Toe and East Zone. A sample of massive sulphide vein from the Gully Zone assayed 5.31% Cu and 8.77g/t Au over 3.6 metres. The Gully Zone discovery led to infill soil sampling and a mag/VLF survey to better define the massive sulphide vein. In 1993 the Gully Zone was drilled and intersected narrow massive and semi-massive sulphide veins. In 2006, Romios carried out soil geochemistry, mapping and soil sampling, with emphasis on the west side of the NovaGold claims covering the West Zone.

The Trek Property is underlain by Devonian to Permian Stikine Assemblage rocks and Upper Triassic Stuhini Group rocks, which have been intruded by Late Triassic to Jurassic Galore Creek intrusions and/or Texas Creek Suite intrusions, Eocene granitic dykes, sills and stocks and Miocene basaltic dykes. Three styles of mineralization are noted on the property: porphyry and porphyry-related mineralization, NNE-trending shear hosted massive sulphide veins and possible volcanogenic massive sulphides (VMS). A soil sampling grid was established over an anomalous contour soil line from 1990 in the area of the West and Wall Zones. The area of the grid was the main focus of mapping and prospecting, though considerable work was also dedicated to the north zone and visiting old zones in the Grey Zone vicinity. Prospecting in the area of the grid led to the discovery of the Tangle Zone. The Tangle Zone is characterized by low-grade disseminated Cu-Au mineralization. Mineralization is characterized by disseminated pyrite, chalcopyrite and pyrrhotite, with fracture surfaces coated in malachite and azurite. This new zone is coincident with a large Cu-Au soil anomaly and may simply represent a northwest extension of the West Zone. Several samples from this area are well mineralized with Cu and Au and adequately explain the soil anomaly. Within this zone is a narrow extremely Cu-Au anomalous soil zone. The narrow and linear nature of this anomaly suggests that it may represent another massive sulphide vein, similar to the Gully Zone. Prospecting in the area of the North Zone led to the expansion of known North Zone mineralization onto the claims held by Galore Syndicate/Romios. Mineralization in this area is spatially related to orthoclase megacrystic syenite intrusions and is characterized by disseminated pyrite, chalcopyrite and pyrrhotite with malachite and azurite coating fracture surfaces. A five metre chip sample from this area assayed 3.52% Cu and 0.53g/t Au. Sampling of old zones confirmed mineralization at the Toe, Heel, Arch, West, Grey and Pickle Zones.

Future work should be aimed at defining the extent of surface mineralization in the Tangle Zone and the North Zone. An airborne geophysical survey should be flow over the entire property to help delineate structures and identify conductors on the property. Channel sampling of the North Zone would help to evaluate the extent of mineralization in this area and how the grade carries into wall rock not as well mineralized. Once targets are established from surface sampling and airborne geophysical work drilling should commence on the Tangle Zone. Additional drill holes could be placed on the North Zone and/or the Grey and Heel Zones. Additional prospecting mapping and sampling should be carried out on the northern end of the Wall soil sampling grid of 2006.

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## APPENDICES

## 1.0 INTRODUCTION

The author directed a geological, geochemical and prospecting program on the Trek property in June 2006 for Equity Engineering Ltd., under contract to Romios Gold Resources Inc. ("Romios"). Data from this program has been compiled, summarized and interpreted in this report. Additional information for this report was derived from publicly-available assessment reports and government maps and publications. The author's experience with the property consists of the mapping done during the June 2006 program.

## 2.0 RELIANCE ON OTHER EXPERTS

The author did not rely on other experts regarding legal, environmental, political or other such issues.

## 3.0 PROPERTY DESCRIPTION AND LOCATION

The Trek property lies in the Coast Range Mountains of northwestern British Columbia, approximately 160 km northwest of Stewart (Figure 1). It lies within the Liard Mining Division, centred at 57º 03' north latitude and 131º 19' west longitude.

The Trek property consists of ten contiguous Mineral Titles Online (MTO) map-selection claims, covering 43.0 $km^2$, as summarized in Table 1. The Trek claims enclose eight pre-existing 2-post legacy claims (three "Kim" and five "Sphal" claims, held by NovaGold Resources) and also overlap 4-post legacy claims to the north. Together, these reduce the Trek property's actual area by about 400 hectares (0.4 $km^2$) (Figure 2). If any of the legacy claims lapse, the ground covered by them will revert to the MTO claims of the Trek property. The claims are held in the name of Romios Gold Resources Inc., but separate documents indicate that only five are owned by Romios and the other five are held by the Galore Creek Staking Syndicate 2003 ("Syndicate"), which has granted Romios an option to earn a 100% interest in them.

**Table 1: Claim Data**

| Mineral Tenure | Area (Ha) | Expiry Date | Owner |
|---|---|---|---|
| 509238 | 633.572 | 2009/DEC/31 | Syndicate |
| 509239 | 527.976 | 2009/DEC/31 | Syndicate |
| 509240 | 633.997 | 2009/DEC/31 | Syndicate |
| 509243 | 528.330 | 2009/DEC/31 | Syndicate |
| 509245 | 369.398 | 2009/DEC/31 | Syndicate |
| 511908 | 140.957 | 2006/SEP/01 | Romios |
| 528739 | 352.361 | 2007/FEB/22 | Romios |
| 528740 | 422.901 | 2007/FEB/22 | Romios |
| 528741 | 299.590 | 2007/FEB/22 | Romios |
| 529446 | 387.787 | 2007/MAR/05 | Romios |
| Total | 4296.869 | | |

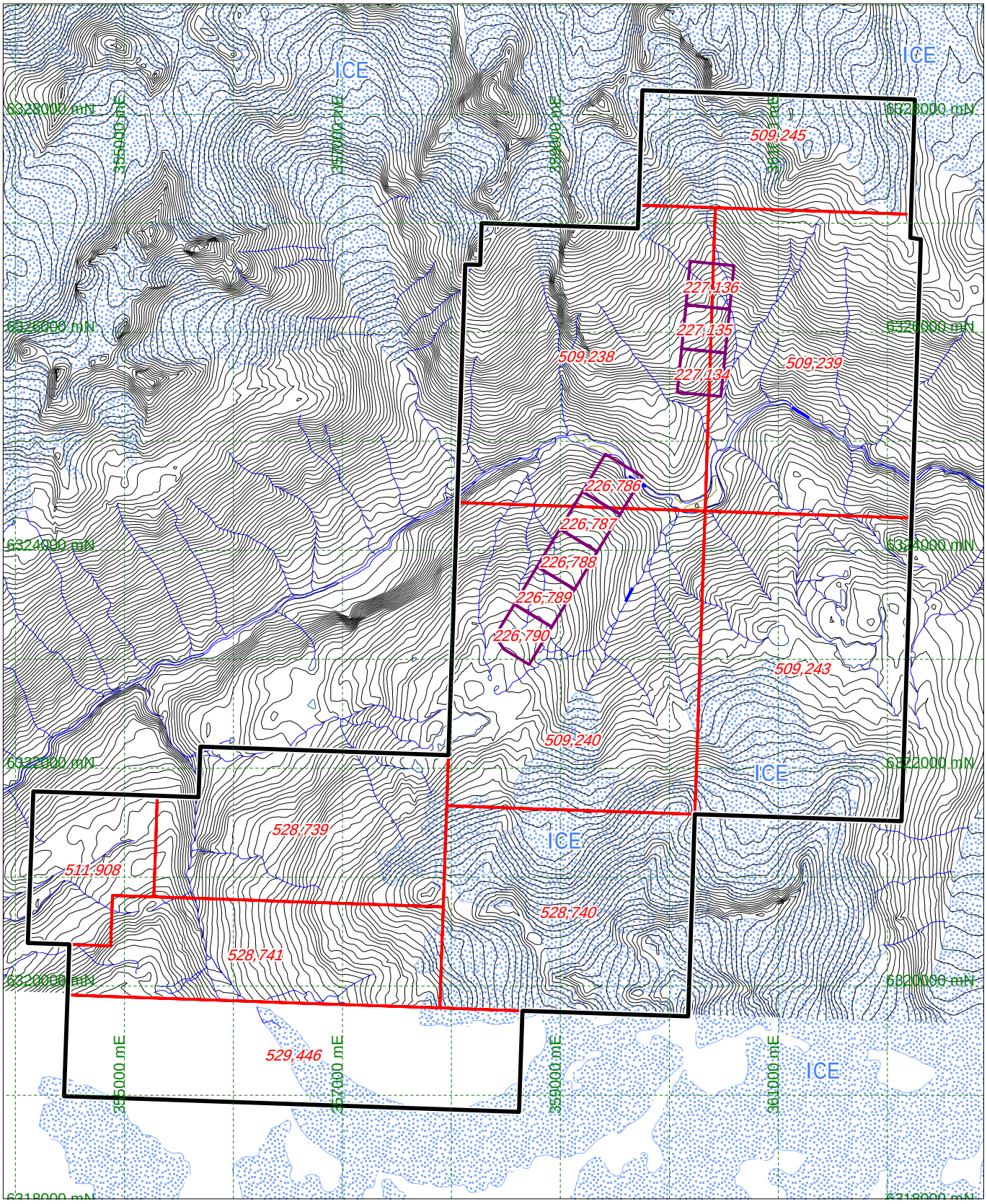
Surface rights over the Trek property are owned by the Province of British Columbia. No significant surface disturbance or any major environmental liabilities have been noted by the author. Exploration permits must be obtained from the British Columbia Ministry of Energy, Mines and Petroleum Resources to carry out future exploration programs.


**ROMIOS GOLD RESOURCES INC**

***TREK Property***

**LOCATION MAP**

| | | | |
|---|---|---|---|
| EQUITY | Date: OCT 2006 | Scale: 1:8,000,000 | Figure 1 |
| | U.T.M. Zone: UTM 9 - NAD83 | Mining District: LIARD | |
| | N.T.S.: 104B/15,G/2 | State/Province: BC | |




**ROMIOS GOLD RESOURCES INC**

***TREK Property***

**TENURE MAP**

| | | | |
|---|---|---|---|
| EQUITY | Date: OCT 2006 | Scale: 1:50,000 | Figure 2 |
| | U.T.M. Zone: UTM 9 - NAD83 | Mining District: LIARD | |
| | N.T.S.: 104B/15,G/2 | State/Province: BC | |

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

The Trek property lies in the Coast Range Mountains of northwestern British Columbia, approximately 160 km northwest of Stewart. Access to the property is currently by helicopter from seasonal bases at the Bob Quinn Lake airstrip on Highway 37, approximately 65 kilometres to the east. NovaGold Resources has proposed an access road to their Galore Creek deposit which would pass through the Trek property on the south side of Sphaler Creek.

The Trek property straddles Sphaler Creek, approximately fifteen kilometres above its confluence with the Porcupine River. Topography is rugged, with elevations ranging between 500 metres on Sphaler Creek to over 2100 metres on the peak in the southeast corner of the property. Most of the mineralized zones found to date lie between 600 and 1400 metres in elevation on the south side of Sphaler Creek.

Lower slopes are covered by a dense growth of hemlock and spruce with an undergrowth of devil's club and huckleberry. Steeper open slopes are covered by dense slide alder growth. Open alpine vegetation is present above treeline, which lies near 1200 metres on south-facing slopes and 1050 metres on north-facing slopes. Both summer and winter temperatures are moderate although annual rainfall may exceed 200 cm and several metres of snow commonly fall at higher elevations. The property can be worked from mid-June until October.

## 5.0 HISTORY

Table 2 summarizes all known exploration work carried out on the ground currently comprising the Trek property. The pre-1987 figures include work carried out on the Kim and Sphal claims, which are surrounded by the Trek property.

**Table 2: Trek Exploration Programs**

| Program | Geochemistry | Geophysics | Drilling/ Trenching | Reference |
|---|---|---|---|---|
| **BIK (1957-62)** | ??? | | | Rayner (1966) |
| **Kennco (1963-64)** | silts, rocks | | trenches | Rayner and Ney (1964); Rayner (1966) |
| **Kennco/BIK (1965)** | ??? | 3.2 km mag/IP | trenches??? | Rayner (1966) |
| **Kennco/BIK (1970)** | 100 soils, rocks | | 7 DDH: 545m (1,787') | BCDM (1970, p. 60); Milne (1970) |
| **Teck (1980)** | silts, 201 soils, 12 rocks | 11.8 km magnetics | | Folk and Spilsbury (1980) |
| **Teck (1981)** | 45 rocks | | | Folk (1981) |
| **Lorica (1988)** | 9 silts, 430 soils, 152 rocks | 5.4 km mag, 7.0 km VLF | | Awmack and Yamamura (1988) |
| **Lorica (1989)** | 3 silts, 697 soils, 112 rocks | 8.7 km mag, 7.1 km VLF | 5 trenches | Caulfield (1989) |
| **Lorica (1990)** | | | | |

| | | | | |
|---|---|---|---|---|
| | 2 silts, 356 soils, 258 rocks | 6.5 km mag, 6.5 km VLF | | Awmack (1991) |
| **Warner (1993)** | 26 rocks | | 6 DDH: 450m (1,477') | Baknes (1994) |
| **Romios (2006)** | 1 silt, 438 soils, 54 rocks | | | This report |
| **Totals** | >15 silts, 2222 soils, >659 rocks | 35.6 km mag, 20.6 km VLF, 3.2 km IP | 13 DDH: 995m (3,264') | |

The Galore Creek district was extensively explored for its copper potential throughout the 1960's, following the discovery in 1955 of the Galore Creek deposit (930 Mt @ 0.52% Cu and 0.36 g/t Au). This work led to the discovery of the Copper Canyon deposit (165 Mt @ 0.35% Cu and 0.54 g/t Au) and several Cu-Au porphyry prospects including the JW and Trek. A second wave of exploration in the late 1980's focused on gold, following the discovery of the Snip and Eskay Creek mines 50 kilometres to the south and the recognition that similar geology extends north through the Galore Creek area (Figure 3).

The BIK syndicate (Silver Standard/McIntyre/Kerr Addison) discovered the Silver Standard Zone on the south side of Sphaler Creek in 1957, but only staked it in 1962 as their Kim claims. In 1963 and 1964, Kennco carried out silt sampling for Cu and Mo across what is now the Trek property and discovered additional mineralization north of Sphaler Creek (e.g. North Zone, Northeast Zone, Lower Northeast Zone) and west of the BIK ground on the south side of Sphaler Creek (e.g. West Zone, Camp Zone and South Showings) (Rayner and Ney, 1964). The BIK and Kennco properties were amalgamated in 1964 and five short lines of IP and ground magnetics were surveyed in 1965: three on the West Zone, one on the Northeast Zone and one west of the West Zone near Sphaler Creek (Hallof, 1965).

In 1970, Kennco/BIK drilled four AQ holes on the West Zone, totalling 477.3m (1,566'). Only one hole (DDH #2) intersected significant mineralization, with 6.1m grading ~0.25% Cu and 9.1m grading ~0.3-0.5% Cu. Holes DDH #2 and #3 were collared to the west of the current Sphal claims, on the current Trek property. Three holes, totalling 67.3m (221'), were drilled from a single site on the North Zone, but all were abandoned without reaching their target breccia (Milne, 1970).

In 1980, Teck Explorations explored the Kennco/BIK ground with limited silt sampling and reconnaissance in the vicinity of the North Zone and a soil/magnetics grid over the Camp Zone. This grid yielded 25 soil samples with >100 ppb Au (Folk and Spilsbury, 1980). Rock chip sampling was carried out over mineralized parts of the North Zone and Camp Zone in 1981. The weighted average of the 23 North Zone chip samples was 2.45% Cu and 0.23 g/tonne Au over an area of about 18m x 20m. For the Camp Zone, the 34 chip samples taken in 1980 and 1981 gave a weighted average of 0.37% Cu and 0.58 g/tonne Au across an average length of 8.4 metres (Folk, 1981). The majority of the Kennco/BIK claims were subsequently allowed to lapse, including those under the bulk of their Au soil geochemical anomaly. Eight claims, covering three of the seven Cu-bearing zones described by Rayner (1966), were retained by Kennco/BIK and were sold to NovaGold Resources in 2004 for $251,538 in cash and shares.

In 1987, Equity Engineering Ltd. staked the Trek property around the eight remnant Sphal and Kim 2-post claims. The following year, Lorica Resources Ltd. carried out comprehensive exploration of the Trek property, including a soil/mag/VLF grid between Trek Creek and the line of Sphal claims, with soil samples taken at 25 metre intervals along cross-lines oriented at 120° and spaced 100 metres apart. Several new zones were discovered, including the Gully (massive pyrrhotite Cu-Au vein), Heel (Cu-Au-Mo porphyry), Toe (Cu-Ag-Au-Zn-Pb VMS?) and East (quartz-carbonate Ag-Pb-Au-Zn vein) zones. In particular, a 3.6 metre chip sample from the Gully Zone assayed 5.31% Cu and 8.77 g/tonne Au (Awmack and Yamamura, 1988).

In 1989, Lorica extended the soil/mag/VLF grid 600 metres to the south to cover the Heel Zone and detailed a portion of the 1988 grid with lines at 25 metre intervals to better define the Gully Zone.

The geochemical and geophysical data over the grid confirmed 1988 results, indicating a possible strike length of 800 metres for the Gully Zone and a large Au-Cu soil geochemical anomaly extending northwest from the Heel Zone. Four contour soil lines were run on the north side of Sphaler Creek to test for a northern extension to the Gully Zone with limited success (Caulfield, 1989).

In 1990, infill soil/mag/VLF lines (50m apart) were used to flesh out Cu-Au soil anomalies on the 1989 grid. A new soil/mag/VLF grid was laid out on the east side of Trek Creek over the Toe and East zones, at the same orientation as the 1988-89 grid on its west side. A contour soil line was run west from the Sphal claims, returning a number of samples with highly anomalous Au and Cu. Prospecting led to the discovery of the Wall Zone, a pyrrhotite-rich Cu-Au shear vein west of the Sphal claims, and the Grey Zone, another porphyry Cu-Au prospect near the Heel Zone (Awmack, 1991).

Warner Ventures optioned the Trek property in 1993 and drilled six holes from three sites at the Gully Zone. All holes intersected the a 2-7 metre wide body of semi-massive pyrrhotite-chalcopyrite ("Zone B") under the surface showing, and some hit a second 2 metre wide semi-massive body ("Zone A"). Hole TRK93-01 intersected 1.50 g/tonne Au and 1.49% Cu across a true width of 7.2 metres in Zone B and hole TRK93-04 hit a true width of 4.3 metres of 3.10 g/tonne Au and 1.26% Cu in Zone A (Baknes, 1994).

### 5.1 2006 Exploration Program

Exploration on the Trek property in 2006 comprised geological mapping, prospecting and soil sampling, carried out by Equity Engineering Ltd. under contract to Romios Gold Resources Inc. The author directed the work, using a 4-person crew based out of a fly camp on the property. Helicopter support was provided by Quantum Helicopters of Terrace, BC, out of their seasonal base at Bob Quinn Lake airstrip. A magnetic declination of 22°30'E was used for all compass measurements. All maps and UTM coordinates are referenced to the 1983 North American Datum (NAD-83).

A soil grid was laid out over the anomalous contour soil line from 1990, west of the Sphal claims in the Wall zone area. Lines oriented at 300° and spaced 100 metres apart, were run with hipchain, clinometer and compass from a 1700 metre baseline oriented at 030°. A total of 398 soil samples (excluding QA/QC) were taken at 25-metre intervals from the cross-lines and baseline. In addition, a 1200m contour soil line (49 samples) was run opposite this on the north side of Sphaler Creek. A field duplicate soil sample was collected about every 20$^{th}$ sample and sample blanks were inserted every 40$^{th}$ sample (Appendix E).

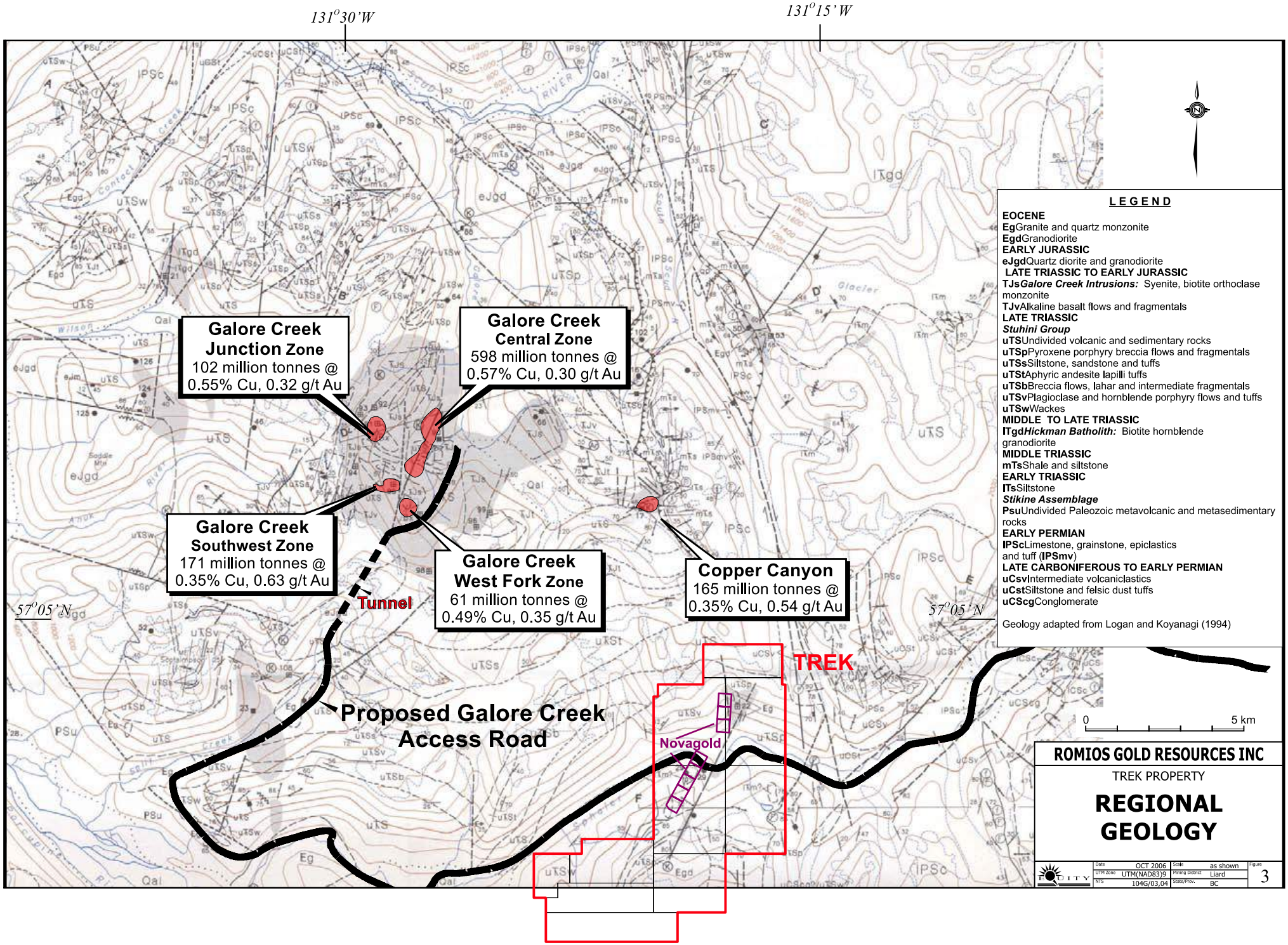
Rock samples were collected from altered and mineralized boulders and outcrops, with the main focus on the grid area. Sites of rock and silt samples were marked with pink and blue flagging tape and an aluminium tag. Rock sample descriptions are attached in Appendix C. Soil sampling sites were marked with orange and blue flagging tape and a weather- and fade-proof Tyvex tag.

Soil and rock samples were analyzed by ALS Chemex Labs of North Vancouver for Au (fire assay) and 34-elements by aqua regia acid digestions and ICPAES. Laboratory certificates are attached in Appendices D.1 and D.2. Pulp assays were carried out for high geochemical values of Au, Ag, Pb, or Zn; the assays were used for plotting and calculations. Selected samples with higher Au and Cu grades were also analyzed for PGM content. The procedures, results and conclusions of the sampling QA/QC program are summarized in Appendix E.

## 6.0 GEOLOGICAL SETTING

### 6.1 Regional Geology

The regional geology in the Galore Creek area consists of mid-Paleozoic and Mesozoic island arc successions, intruded by Triassic, Jurassic and Eocene plutons (Figure 3). Regional mapping has been carried out at a scale of 1:50,000 by Logan et al (1989) and Logan and Koyanagi (1989, 1994) of the BCGS.


131°30'W
131°15'W
57°05'N
57°05'N
Galore Creek
Junction Zone
102 million tonnes @
0.55% Cu, 0.32 g/t Au
Galore Creek
Central Zone
598 million tonnes @
0.57% Cu, 0.30 g/t Au
Galore Creek
Southwest Zone
171 million tonnes @
0.35% Cu, 0.63 g/t Au
Galore Creek
West Fork Zone
61 million tonnes @
0.49% Cu, 0.35 g/t Au
Copper Canyon
165 million tonnes @
0.35% Cu, 0.54 g/t Au
Tunnel
Proposed Galore Creek
Access Road
TREK
Novagold
0
5 km
LEGEND
EOCENE
EgGranite and quartz monzonite
EgdGranodiorite
EARLY JURASSIC
eJgdQuartz diorite and granodiorite
LATE TRIASSIC TO EARLY JURASSIC
TJsGalore Creek Intrusions: Syenite, biotite orthoclase monzonite
TJvAlkaline basalt flows and fragmentals
LATE TRIASSIC
Stuhini Group
uTSUndivided volcanic and sedimentary rocks
uTSpPyroxene porphyry breccia flows and fragmentals
uTSsSiltstone, sandstone and tuffs
uTStAphyric andesite lapilli tuffs
uTSbBreccia flows, lahar and intermediate fragmentals
uTSvPlagioclase and hornblende porphyry flows and tuffs
uTSwWackes
MIDDLE TO LATE TRIASSIC
lTgdHickman Batholith: Biotite hornblende granodiorite
MIDDLE TRIASSIC
mTsShale and siltstone
EARLY TRIASSIC
lTsSiltstone
Stikine Assemblage
PsuUndivided Paleozoic metavolcanic and metasedimentary rocks
EARLY PERMIAN
IPScLimestone, grainstone, epiclastics and tuff (IPSmv)
LATE CARBONIFEROUS TO EARLY PERMIAN
uCsvIntermediate volcaniclastics
uCstSiltstone and felsic dust tuffs
uCScgConglomerate
Geology adapted from Logan and Koyanagi (1994)
ROMIOS GOLD RESOURCES INC
TREK PROPERTY
REGIONAL GEOLOGY
EQUITY
Date OCT 2006
Scale as shown
UTM Zone UTM(NAD83)9
Mining District Liard
NTS 104G/03,04
State/Prov. BC
Figure 3

The Paleozoic Stikine Assemblage comprises four main subdivisions:

- Devonian to Carboniferous(?) variably foliated limestone, phyllite, mafic and felsic flows and tuff;
- overlain apparently conformably by 700m of Lower to Middle Carboniferous limestone;
- overlain conformably to unconformably by >300m of Upper Carboniferous(?) to Permian thick-bedded conglomerate, siliceous siltstone and mafic to intermediate volcaniclastics;
- overlain apparently conformably by >800m of Lower Permian fossiliferous limestone.

A narrow belt of Lower and Middle Triassic sedimentary rocks, comprising silty shales, argillites, limy dolomitic siltstones, cherty siltstones and rare carbonaceous limestones, extends northerly from Copper Canyon. Elsewhere, the Stikine Assemblage is unconformably overlain by island arc volcanic and sedimentary rocks of the Upper Triassic Stuhini Group. Volcanic rocks comprise the bulk of the Stuhini Group stratigraphy in the Galore Creek area, with three different calcalkaline volcanic suites: a lower subalkaline hornblende-bearing basaltic andesite, a subalkaline to alkaline augite-porphyritic basalt and an uppermost alkaline orthoclase and pseudoleucite-bearing shoshonitic basalt. The lower suite is most voluminous and least distinctive, with aphyric and sparse hornblende and plagioclase-phyric flows, breccia and tuff. Rocks are fine to medium-grained, massive and fragmental textures are common. The middle suite consists of augite and feldspar-phyric breccia flows and fragmental rocks. The upper volcanic unit consists of an interbedded sequence of basic, coarse pyroxene feldspar flow breccias, orthoclase-feldspar crystal tuffs and coarse pseudoleucite flows and/or sills.

Four suites of intrusive rocks have been distinguished in the region. The Hickman batholith (~230-226 Ma) is a composite 1200 $km^2$ body which shows crude zonation from pyroxene diorite in the core to biotite granodiorite near the margins. The Galore Creek Intrusions (~210-198 Ma) consist of ten phases of orthoclase-porphyritic syenite intrusions cutting coeval Stuhini Group rocks of the upper volcanic unit (Logan, 2005; Enns et al., 1995; Mortensen et al., 1995). These are spatially and genetically related to the Galore Creek and Copper Canyon Cu-Au porphyry deposits.

Calcalkaline intrusions of the Early Jurassic Texas Creek suite (~205-187 Ma) are common through the Stewart/Unuk/Iskut/Galore area and are associated with a number of porphyry (Kerr) and related vein (Sulphurets, Scottie, Snip, Silbak Premier, Red Mountain) deposits.

Small Eocene (~51-55 Ma) circular stocks and plugs of biotite quartz monzonite are scattered throughout the area, including one at the south end of the Trek property. Logan and Koyanagi (1994) believe them to be satellite bodies to the main Coast Plutonic Complex, which lies to the west. They are generally equigranular, medium-grained and unaltered.

The dominant structures in the Galore Creek area are two approximately orthogonal fold trends, an earlier westerly trend and a later one trending northerly. These structures deform earlier synmetamorphic, pre-Permian structures and related northeast striking penetrative foliations. East-dipping reverse faults which imbricate the Stikine Assemblage and offset Early Jurassic plutons are associated with north-trending folding. Northeast sinistral fault zones and younger north-striking extensional faults host Eocene stocks and Miocene dykes, respectively (Logan and Koyanagi, 1994).

### 6.2 Property Geology

The Trek property geology is summarized in Figure 4a, b, which has been compiled from 2006 mapping, previous property scale mapping by Awmack and Yamamura (1988), Caulfield (1989), Awmack (1991), Baknes (1994) in addition to Logan et al (1989) and Logan & Koyanagi (1989, 1994). The Trek Property covers an area of Triassic accreted marine sedimentary and volcanic rocks of the Stuhini Group, which have been intruded by several generations of feldspar porphyry dykes and stocks of unknown ages, but likely including intrusive suites contemporaneous with the Galore Creek Intrusions and/or Texas Creek Suite. The Triassic Stuhini Group rocks are fault bound to the west by rocks of the Paleozoic Stikine Assemblage and to the south have been intruded by a large Eocene biotite-bearing quartz monzonite. Most of the mineralized showings are spatially related to Jurassic intrusions of either the Galore Creek Intrusions or Texas Creek Suite.

### 6.2.1 Lithologies

Table 3 summarizes the characteristics of rock units on the Trek property which are discussed below.

**Table 3: Trek Lithologic Units**

***TERTIARY OR LATER***

***Intrusive Dykes and sills***

$TQIN_1$ Fine-grained, aphanitic, dark grey-green basaltic dykes

***EOCENE***

***Unknown Suite of Intrusive Stocks, Dykes and Sills (ca. 47Ma)***

Eg Light-grey, medium-grained, equigranular biotite-quartz monzonite to granodiorite; contains abundant mafic xenoliths and feldspathic veins

***EARLY JURASSIC***

***Texas Creek Suite Intrusive Rocks (ca. 193Ma)***

$JTm_1$ Diorite to Quartz Monzonite: coarse-grained, crowded plagioclase (±potassium feldspar) porphyry, plagioclase megacrystic containing euhdral 1 cm x 5 mm to megacrystic tabular (3 cm x 6cm) feldspar crystals

$JTm_2$ Monzonite; biotite bearing, equigranular

***Galore Creek Intrusive Dykes and Sills (ca. 210-198Ma)***

$JIN_1$ Syenite and orthoclase porphyritic monzonite

***UPPER TRIASSIC***

***Stuhini Group***

**lTIN – SYNVOLCANIC INTRUSIVE ROCKS**

$lTIN_1$ Subvolcanic augite porphyritic diorite/andesite

$lTIN_2$ Diorite stocks

$lTIN_3$ Andesitic to basaltic dykes; fine grained; aphyric

**uTMV – MAFIC VOLCANIC ROCK**

$uTMV_1$ Andesite tuff; crystal rich; fragment poor, augite » feldspar, grading into lapilli and breccia tuff

$uTMV_2$ Andesite tuff; crystal rich; fragment poor, feldspar » augite, grading into lapilli and breccia tuff

$uTMV_3$ Vesicular basaltic flows;

$uTMV_4$ Andesitic tuff; crystal poor, fragment rich, lapilli to breccia tuff

**uTMS – MARINE SEDIMENTARY ROCK**

$uTMS_1$ Interbedded greywacke, siltstone, sandstone, shale; well bedded, thin beds, often calcareous

$uTMS_2$ Conglomerate; cobble to boulder sized clasts; derived from older Stuhini Group andesitic flows, tuffs and subvolcanic intrusions

$uTMS_3$ Limestone: light grey, well preserved, fossiliferous

***PERMIAN AND OLDER***

***Stikine Assemblage***

$Pl_1$ Light-grey massive to thickly bedded buff, bioclastic calcarenite

$Pl_2$ Dark-grey to buff thin bedded, bioclastic limestone, chert, siltstone, sandstone, argillite; interbedded

$Pe_3$ Foliated maroon and green tuffaceous epiclastics and lapilli tuffs

lPv Plagioclase porphyry flows, volcaniclastics, purple ash tuff

lPs Silver phyllite, slate and phyllitic argillite

The Trek Property is mainly underlain by a sequence of Upper Triassic andesitic flows and volcaniclastic rocks of the Stuhini Group (Figures 4a, b). In general, these rocks trend northeasterly across the property and are disrupted to the east by a major fault, which bounds Stuhini Group rocks and Paleozoic Stikine Assemblage rocks, and to the south where a large Eocene monzonite has intruded Stuhini Group rocks. Additionally, there is a trend in the Stuhini Group rocks such that the northern and central parts of the claims are dominated by mafic volcanic rocks, whereas the rocks to the south are dominated by clastic sedimentary rocks derived from mafic volcanic rocks and lesser biochemical rocks. Numerous subvolcanic Stuhini Group intrusions are distributed throughout this clastic sedimentary and

mafic volcanic sequence. The most abundant of these are augite porphyritic diorite. Though these are distributed throughout the sequence they occur in higher frequency and as larger bodies to the south, in the clastic sedimentary rocks. Based on graded bedding, it would appear as though the mafic volcanic rocks overlie the clastic sedimentary rocks at the Trek property.

Late and post-Triassic magmatism is represented as multiple intrusive bodies scattered across the claims. Orthoclase megacrystic monzonite to syenite elongate stocks/dykes are present as scattered northeasterly-trending (long axes) stocks, and are spatially associated with mineralized centres. These rocks are thought to belong to the Galore Creek series of intrusions, based on similar petrologic characteristics, though further east, Texas Creek Suite intrusions may display similar petrologic characteristics. Other intrusive stocks with feldspar porphyritic and equigranular textures ranging in composition from diorite to quartz monzonite are thought to belong to the Texas Creek Suite of intrusions. Both of these Suites are common in the area and intruded Stuhini Group rocks in the Early Jurassic. Large Eocene quartz monzonite to granodiorite stocks are common throughout the area. Additionally, a series of fine-grained basaltic dykes younger than the aforementioned Eocene intrusions are present as narrow dykes and cross-cut all other rocks on the property.

### 6.3 Structure

A major northeasterly structure, presumably a fault, is located on the western edge of the property. This fault bounds Stuhini Group volcanic and sedimentary rocks to the east and highly deformed feldspathic sandstone, greywacke and phyllite to the west. The rocks to the west are interpreted to be Paleozoic Stikine Assemblage rocks. The fault is steeply dipping and the sense of displacement is not known, but presumably would be normal movement with the east side down. Stikine Assemblage rocks contain a penetrative fabric defined by the alignment of chlorite and biotite. These rocks tend to be tightly to isoclinally folded on an outcrop and property scale. Stuhini Group rocks generally do not contain a penetrative fabric, unless in close proximity to major shear/fault zones, and are open to closely folded, with northwesterly trending fold axes.

NNE-trending shear zones play an important role, as they are host to massive sulphide veins, such as the Gully Zone mineralization. However, this NNE-trend is also prominent at multiple scales. For example, Jurassic monzonite intrusive rocks tend to be elongate in the same direction as the NNE-trending shear zones. Additionally, the same trend may be inferred from the spatial distribution of porphyry-style mineralization from the Main Zone (Grey and Heel Zones) northwards to the Wall and North Zones. Undoubtedly, all of these features are somehow related and may reflect a regional stress regime, where the direction of least stress was in the north-south direction and was present some time in the earliest Jurassic.

## 7.0 MINERALIZATION

Mapping during the 2006 exploration program identified and/or re-worked old showings of three styles of mineralization: 1) Porphyry and porphyry-related mineralization, 2) Massive pyrrhotite-chalcopyrite shear veins and, 3) Possible volcanogenic massive sulphides. Previous work has also identified zones of “quartz-sulphide veining”, these were either not worked on during the 2006 exploration program (e.g. East Zone, QC Zone, “Northern Area”) or have been grouped into the porphyry-related style of mineralization (e.g. Arch Zone, Pickle Zone). The majority of work during the 2006 exploration program focused on porphyry and porphyry related mineralization around the area of the Wall Grid and the North Zone.

### 7.1 Porphyry and Porphyry-Related Mineralization

Porphyry style mineralization is hosted in Stuhini Group rocks as well as latest Triassic and/or Jurassic monzonite intrusions (Figures 4a, b). Mineralization is spatially associated with the Jurassic monzonite intrusions. Although several rock types host porphyry mineralization, the subvolcanic diorite units ($lTIN_2$) of the Stuhini Group appear to have preferentially accepted mineralization. Stuhini Group rocks are hornfelsed and contain very fine grained biotite concentrated along fracture surfaces. Magnetite is often disseminated throughout the mineralized rock, and may range up to approximately

15%. At the North Zone sericite, silica and chlorite are more prominent alteration products, a key distinction with the mineralized areas south of Sphaler Creek. Mineralization consists of chalcopyrite and pyrite with rare pyrrhotite and occurs as disseminations and along fractures associated with fine grained biotite. Significant secondary copper minerals, mainly malachite with rare chysocolla are present along fracture surfaces. Their formation corresponds to later ground water breaking down sulphides and precipitating these Cu-bearing minerals at low temperatures. Quartz veins are present, but are generally rare and often associated with increased amounts of molybdenite mineralization. Molybdenite mineralization is generally minor in the porphyry-style mineralized areas. However, in 1988 boulders of breccia containing chalcopyrite-molybdenite cement were found south of the Pickle Zone which assayed 9.73% Cu, >1000 ppm Mo and 7.88g/t Au; the source of these boulders has never been located. At least two generations of Jurassic or earlier intrusive rocks have been noted on the Trek property, but it is unclear which is genetically related to porphyry mineralization. It is entirely possible that there are competing and overprinting systems present at the Trek property. Relatively high values of Cu, Au and Ag compared to Mo, Pb and Zn are consistent with mineralization of a Cu-Au porphyry system.

### 7.1.1 North Zone

The North zone is hosted mainly in augite-bearing andesitic flows and andesitic lapilli tuff of the Stuhini Group. Alteration and mineralization is concentrated along the flanks of a north-trending monzonite dyke. The dyke contains large (up to 8mm wide) euhedral biotite phenocrysts and contains little or no quartz. The dyke is also highly altered and mineralized, though most sulphide occurs as disseminations in narrow 250°-trending shear zones, where fracture density increases. Alteration differs from porphyry showings south of Sphaler Creek in terms of alteration. At the North zone silica, sericite, biotite and chlorite are the major alteration phases, whereas the southern showings lack silica, sericite and chlorite. The presence of sericite versus chlorite is dependent on host rocks, where sericite is more prominent in the monzonite and chlorite in Stuhini Group volcanic rocks. Mineralization at the North zone consists of 2-8% pyrite, chalcopyrite and lesser pyrrhotite as disseminations, fracture coatings and blebby concentrations of sulphides. In the augite bearing flows, magnetite is also present with the sulphides. Internal fractures are often coated with azurite and malachite. A select sample 391142 of highly fractured, altered and mineralized andesitic crystal tuff in a narrow NE-trending shear zone assayed 2.85% Cu, 2.22g/t Au, and 0.29% Mo. Mo appears to only be concentrated in the NE-trending shears. Three chip samples were taken in the area, one in mineralized monzonite and two in andesitic crystal tuffs. Sample 270604, from within the monzonite, assayed 0.3% Cu and 0.24g/t Au over 10m, while sample 270606 yielded 3.53% Cu and 0.53g/t Au over 5 meters from within the andesitic crystal tuff. Molybdenum, lead, zinc, arsenic and antimony values are generally low. Significant results from the North zone area are given on Table 4 and shown on Figure 4a.

**Table 4: North Zone Significant Mineralization**

| Sample Number | Width (m) | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| 270604 | 10 | 240 | 1.8 | 14 | 3000 | 30 | 25 | 10 | 46 |
| 270605 | Grab | 60 | 4.5 | 26 | 1855 | 1 | 16 | 49 | 79 |
| 270606 | 5 | 530 | 10.4 | 78 | *3.52%* | 172 | <2 | 11 | 80 |
| 270611 | Grab | 40 | 3.5 | 45 | 1735 | <1 | 12 | 2 | 112 |
| 391142 | Select | *2.22g/t* | 17.2 | 76 | *2.85%* | *0.29%* | 12 | 13 | 16 |
| 391143 | Grab | 500 | 8.7 | 54 | *2.96%* | 225 | <2 | 3 | 48 |
| 391148 | Select | 360 | 0.4 | 6 | 1110 | <1 | 4 | 3 | 72 |
| 391149 | 10 | 40 | 0.3 | 16 | 1050 | 8 | 3 | <2 | 53 |
| 391150 | Float | 160 | 7.3 | 68 | 3240 | 2 | 244 | 3 | 651 |

All samples taken in 2006

### 7.1.2 Tangle Zone

The Tangle Zone covers the area of the soil geochemical grid from this year's exploration program and encompasses both of the areas previously known as the West and Wall zones. The reasoning for combining the two is based on this years soil geochemistry results which show the two areas to be of one continuously anomalous geochemical zone. However, more than one style of

mineralization may be present in this area. As at the North zone, mineralization and alteration is concentrated in and around a NNE-trending monzonite dyke. The dyke is highly k-feldspar and biotite altered, occasionally obscuring primary magmatic textures. Work during the 2006 exploration program shows that the rocks to the west of this dyke are well mineralized and altered, however the extent of alteration and mineralization to the east of the dyke is not known. Other host rocks of porphyry-style mineralization in the Wall zone include subvolcanic diorite, andesitic flows, and andesitic crystal and lapilli tuffs of the Stuhini Group. Mineralization at the Wall zone consists of 2-8% pyrite, chalcopyrite and lesser pyrrhotite as disseminations, fracture coatings and blebby concentrations of sulphides. Massive sulphide veins up to 30cm wide occasionally form in the most intensely mineralized and altered areas (e.g. sample 270596). Internal fractures are often coated with azurite and malachite. Two chip samples from within the monzonite (270597 & 391129) and one within andesitic lapilli tuff (270603) assayed 0.934% Cu and 1.39g/t Au over 5 meters, 0.309% Cu and 0.6g/t Au over 10 meters and 0.434% Cu and 0.35g/t Au over 4 meters, respectively. The Wall Zone has previously been described as a massive sulphide vein within the Tangle Zone, possibly reflecting the presence of temporally distinct and overprinting systems being present on the Trek property This will be discussed further while examining the soil geochemistry results. Molybdenum, lead, zinc, arsenic and antimony values are generally low, though zinc is somewhat elevated compared to samples from the North zone. Significant results from the Wall zone area are given on Table 5 and shown on Figure 4b.

**Table 5: Tangle Zone Significant Mineralization**

| Sample Number | Width (m) | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| 270596 | Select | *7.56g/t* | 20.4 | 38 | *16.45%* | <1 | 4 | 5 | 873 |
| 270597 | 5 | *1.39g/t* | 2.4 | 75 | 9340 | <1 | <2 | 14 | 148 |
| 270601 | Grab | 0.99g/t | 16.4 | 69 | *1.41%* | 20 | <2 | <2 | 258 |
| 270602 | Grab | *1.26g/t* | 13.8 | 70 | *1.53%* | 48 | 2 | <2 | 248 |
| 270603 | 4 | 350 | 6.7 | 83 | 4340 | <1 | 231 | <2 | 993 |
| 391129 | 10 | 600 | 1.2 | 25 | 3090 | <1 | 16 | 11 | 85 |
| 391146 | Float | 110 | 0.8 | 348 | 59 | 4 | 30 | 5 | 134 |
| 391453 | Grab | 150 | 1.4 | 19 | 2230 | 1 | 2 | <2 | 46 |

All samples taken in 2006

### 7.1.3 Tundra Zone (Old Heel, Grey, Arch and Pickle Zones)

The Tundra Zone consists of what was previously known as the Heel, Grey, Arch and Pickle zones. These zones were grouped together because they appear to be continuously mineralized from one zone to the next. To the north and west in this zone (former Arch and Pickle zones) mineralization is spatially limited to shear zones where fracture density is high. These zones are generally not more than ten meters wide and NNE-trending. Mineralized host rocks in the area include Jurassic monzonite and Stuhini Group rocks. Lithologies of host Stuhini Group rocks include subvolcanic diorite porphyry, andesitic augite-feldspar crystal tuff and volcanic conglomerate. The subvolcanic diorite porphyry appears to be preferentially mineralized and the mineralized area is spatially related to the southern contact with a Jurassic monzonite. However, mineralization is cut off to the south where a large Eocene granodiorite has intruded the mineralized Stuhini Group rocks. Alteration in this area consists of strong fine-grained biotite concentrated along fracture planes with lesser k-feldspar and magnetite. Mineralization at the Tundra Zone consists of 5-15% pyrite, chalcopyrite and lesser pyrrhotite as disseminations, fracture coatings and blebby concentrations of sulphides. In the Arch and Pickle zones massive and semi-massive sulphide veins, up to 20 cm wide, occur in NNE-trending shear zones. These shear zones contain minor amounts of quartz in the veins. This style of mineralization gradually transitions into the disseminated style of mineralization, but is not as well mineralized as in the Heel and Grey zones. Internal fractures are often coated with azurite and malachite in all areas. Sample 391454 (41.8g/t Au) shows that high grades may be obtained from within the porphyry mineralization in the Tundra Zone. This sample was taken from subvolcanic diorite and contains approximately 5% disseminated and fracture coated pyrite with lesser pyrrhotite and chalcopyrite. This rock does not appear much different from others taken from this zone which assayed significantly less Au and Ag. At the Heel zone, two chip samples yielded 3 meters of 0.47g/t Au and 0.183% Cu and 5 meters of 0.37g/t

Au, respectively. Grab samples at the Arch zone assayed up to 1.25% Cu, 1.38g/t Au and 70.6g/t Ag. Mineralized rock from this area contains significantly more As than at either the Heel or Grey zones, indicating that the small discrete veins may overprint the disseminated style of mineralization. Molybdenum, lead, zinc and antimony values are generally low in all of the areas. Significant results from the Main zone area are given on Table 6 and shown on Figure 4b.

**Table 6: Tundra Zone Significant Mineralization**

| Sample Number | Area | Width (m) | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| 391134 | Grey | Grab | 390 | 8.6 | 9 | 6200 | <1 | <2 | <2 | 120 |
| 391454 | Grey | Grab | *41.8g/t* | *84.2g/t* | 21 | 478 | 1 | 236 | 3 | 62 |
| 391455 | Grey | Grab | 220 | 1.8 | 22 | 324 | 2 | 14 | <2 | 100 |
| 391456 | Grey | Float | 210 | 5.9 | 5 | 7910 | 2 | 6 | <2 | 106 |
| 391457 | Grey | Float | 30 | 0.6 | <2 | 1175 | <1 | 6 | <2 | 71 |
| 391458 | Grey | Grab | 100 | 3.2 | 24 | 1600 | <1 | 23 | <2 | 104 |
| 391459 | Grey | Grab | 100 | 2.2 | 19 | 794 | 3 | 24 | <2 | 208 |
| 391460 | Grey | Float | 670 | 5.1 | 144 | 642 | 2 | 20 | <2 | 264 |
| 270598 | Arch | Grab | 240 | 3.4 | 15 | 4050 | 4 | <2 | <2 | 53 |
| 270599 | Arch | Grab | 530 | 20.8 | 979 | 6500 | 66 | 95 | <2 | 282 |
| 270600 | Arch | Grab | *1.38g/t* | *70.6g/t* | 4610 | *1.25%* | 19 | 109 | 52 | 312 |
| 270615 | Arch | Grab | 300 | 8.0 | 31 | 4190 | 82 | 17 | 2 | 112 |
| 270608 | Heel | Grab | 40 | 5.3 | 4 | 3080 | 39 | <2 | <2 | 3 |
| 270609 | Heel | 3 | 470 | 4.7 | <2 | 1830 | 6 | 8 | <2 | 102 |
| 270610 | Heel | 5 | 370 | 2.7 | <2 | 157 | <1 | <2 | <2 | 100 |

All samples taken in 2006

### 7.2 Massive pyrrhotite-chalcopyrite shear veins

Previous work has outlined two areas of mineralization defined by NNE-trending shear-hosted massive sulphide veins at the Gully and Wall zones. Work during the 2006 exploration program was focussed on the Wall Grid, North zone and previously identified porphyry-style showings. Only the areas of overlap between massive sulphide veins systems with porphyry mineralization were mapped and sampled during the 2006 program. Where exposed these zones consist of 1.5 to 2.5 meters of massive pyrrhotite-chalcopyrite with lesser magnetite and pyrite. The veins contain chlorite clots and are sub-vertical to steeply east dipping. The hanging wall to the veins contains net textured thin chalcopyrite-pyrrhotite veins and the veins are zoned chemically and presumably mineralogically from north to south.

#### 7.2.1 Gully Zone

Gully zone mineralization is exposed in a NE-trending, steeply dipping shear zone south of Sphaler Creek. Alteration associated with mineralization occurs over a broad zone or halo relative to the 1.5 to 2.5 meter zone of semi to massive sulphide (Baknes, 1994). Alteration consists of epidote, which gives way to sericite with or without quartz and potassium feldspar alteration. Chlorite-pyrite alteration occurs as patchy replacements, folioform bands and stockwork that crosscuts earlier developed sericite alteration. Mineralization within the sulphide zones consist of pyrrhotite, chalcopyrite with lesser pyrite and rare magnetite. Typical chip and grab samples from this zone from previous exploration programs assayed 8.77g/t Au, 14.4g/t Ag and 5.31% Cu over 3.6 meters and 5.00g/t Au, 9.6g/t Ag and 3.71% Cu, respectively (Awmack & Yamamura, 1988). In 1993, four holes of BTW core were drilled into the gully zone, highlights included 10.4 meters of 1.5g/t Au and 1.49% Cu, 1.1 meters of 1.6g/t Au and 1.13% Cu, 6 meters of 3.1g/t Au and 1.26% Cu and 0.3 meters of 1.7g/t Au and 1.29% Cu. Given the historic values from form this sulphide mineralization it is important to identify the strike extent of the vein-style mineralization. On the north side of Sphaler Creek, along strike of the Gully zone, significant sericite alteration is present, yet no massive sulphide veins have been identified. This could be due to either the vein system pinching out or that it is hidden by vegetation, cover and extreme topography on the north side of Sphaler Creek. Nonetheless a sample of sericite-chlorite altered andesite taken on the north side of Sphaler Creek assayed 0.12g/t Au and 1.4g/t Ag. Though not high grade, it does demonstrate that the

system does carry on along strike to the north. Significant results from the North Gully zone area are given on Table 7 and shown on Figure 4b.

**Table 7: North Gully Zone Significant Mineralization**

| Sample Number | Width (m) | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| 391144 | Grab | 120 | 1.4 | 283 | 264 | 5 | 23 | 4 | 144 |

All samples taken in 2006

### 7.3 Possible Volcanogenic Massive Sulphides

In Trek Creek, layered massive sulphide lenses are concordant to bedding, suggesting that volcanogenic massive sulphide styles of mineralization may be present on the property. However, alteration appears to be somewhat structurally controlled and there is the presence of quartz sulphide veins with similar mineralogy to the massive sulphide makes alternate interpretations of the style of mineralization possible (Awmack, 1991).

#### 7.3.1 Toe Zone

The Toe Zone showing is exposed on the east side of Trek Creek near the toe of the existing glacier in the Trek Creek. It is hosted in variably altered fine-grained andesitic tuff with rare feldspar and augite crystals. Discontinuous, well banded and poorly banded steeply dipping sulphide lenses up to three meters wide are conformable with the bedded volcaniclastic rocks. Awmack, (1991) described pyrite clots with rare jasper and interpreted them as clastic fragments. Alteration is characterized by pyrite-sericite-silica. The alteration zone may be up to eight meters wide, is highly irregular and largely diffusing outwards from prominent fractures. The massive and semi-massive sulphide zones are characterized by variably banded/layered pyrite, chalcopyrite, sphalerite, galena and barite. Previously this showing has been interpreted to represent Kuroko-type volcanogenic massive sulphide mineralization. Work from the 2006 exploration program cannot confirm or deny this interpretation. Significant results from the Toe zone area are given on Table 8 and shown on Figure 4b.

**Table 8: Toe Zone Significant Mineralization**

| Sample Number | Width (m) | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| 270616 | Select | *4.45g/t* | *1965g/t* | 1170 | *3.78%* | <1 | *2.27%* | >1% | *2.89%* |

All samples from this years project

## 8.0 GEOCHEMISTRY

### 8.1 Silt Geochemistry

During the 2006 exploration program one silt sample was taken on the on the southern most claims. This sample drains a large area which is covered mainly by Eocene granite and Paleozoic Stikine Assemblage rocks. This sample is compared in Table 9 with the 1218 regional silt samples taken across the entire 104F & G mapsheets by the federal/provincial RGS program (GSC, 1988). This sample is below the 80$^{th}$ percentile in all but one element of interest and is not considered anomalous.

**Table 9: Trek Silt Samples Relative to RGS Data**

| Percentile | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|
| 80th (RGS) | 11 | 0.2 | 10 | 76 | 2 | 12 | 1.0 | 112 |
| 90th (RGS) | 30 | 0.3 | 17 | 104 | 4 | 16 | 1.7 | 133 |
| 95th (RGS) | 63 | 0.4 | 29 | 134 | 7 | 23 | 2.4 | 181 |
| 99th (RGS) | 237 | 1.0 | 81 | 278 | 18 | 62 | 5.5 | 489 |
| **Sample#** | | | | | | | | |
| TSST-005 | 14 | 0.2 | 8 | 38 | <1 | 3 | <2 | 30 |

### 8.2 Soil Geochemistry

A total of 398 soil samples (excluding field duplicates) were collected during the 2006 exploration program. Most samples from this survey were taken below tree line in well developed soil, where B horizon was for the most part present. The percentile levels and correlation matrix in Tables 10 and 11 were calculated using all sample data form the 2006 field season.

**Table 10: Soil Geochemistry Percentile Levels**

| Percentile | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|
| Population | 438 | 438 | 438 | 438 | 438 | 438 | 438 | 438 |
| Max Value | 9560 | 26.7 | 1695 | 12200 | 533 | 866 | 61 | 949 |
| 98th | 464 | 3.7 | 216 | 1567 | 32 | 73 | 10 | 250 |
| 95th | 219 | 2.1 | 123 | 1055 | 16 | 41 | 5 | 176 |
| 90th | 134 | 1.3 | 72 | 533 | 8 | 24 | 3 | 122 |
| 80th | 63 | 0.8 | 33 | 202 | 5 | 16 | 2 | 81 |
| 60th | 20 | 0.5 | 16 | 82 | 3 | 10 | 1 | 53 |

**Table 11: Soil Geochemistry Correlation Matrix**

| | Au | Ag | As | Cu | Mo | Pb | Sb | Zn |
|---|---|---|---|---|---|---|---|---|
| **Au** | --- | | | | | | | |
| **Ag** | 0.90 | --- | | | | | | |
| **As** | 0.36 | 0.38 | --- | | | | | |
| **Cu** | 0.82 | 0.80 | 0.48 | --- | | | | |
| **Mo** | 0.95 | 0.86 | 0.28 | 0.82 | --- | | | |
| **Pb** | 0.27 | 0.29 | 0.87 | 0.41 | 0.17 | --- | | |
| **Sb** | 0.19 | 0.26 | 0.45 | 0.29 | 0.24 | 0.36 | --- | |
| **Zn** | 0.25 | 0.24 | 0.72 | 0.39 | 0.18 | 0.71 | 0.31 | --- |

The 60th percentile levels for Au and Cu are fairly high in absolute terms, while Ag, As, Mo, Pb, Sb and Zn are low. This is likely a reflection of the type of mineralization present on the property. Widespread Cu-Au porphyry-style mineralization is present on much of the surface exposures throughout the northern part of the Wall grid and also outside of the grid (e.g. Trek Creek area, North Zone). Assays from these areas show that Cu and Au are present with sporadic Mo and very low levels of As, Pb, Sb and Zn. Therefore, these relative levels of elements in the soil samples likely reflect a partially buried Cu-Au porphyry system, similar to those exposed in the West and Tangle zones.

There are very strong correlations between Au, Ag, Cu and Mo; this is not surprising given that the main style of mineralization present is Cu-Au porphyry. This is a reflection of the minerals present in the mineralized system, which include chalcopyrite, pyrrhotite and pyrite. This style of mineralization contains no or very little sphalerite, galena or sulphosalts so it is expected that there are not strong

correlations of As, Pb, Sb and Zn to Au, Ag, Cu and Mo. Moderate to strong correlations are present between As, Pb and Zn. This correlation may reflect galena and sphalerite mineralization distal to the Cu-Au porphyry systems.

Two widespread multi-element soil geochemical anomalies have been identified on the Wall Grid (Figures 5 a-g, 6) and are summarized in Table 12 below. Additionally, there is a zone of very anomalous continuous and coincident Au-Ag-As-Pb-Zn-(Cu) within a broad zone of anomalous Au-Ag-Cu-Mo. This comprises its own anomaly as it might represent another high-grade relatively narrow vein that is spatially coincident with disseminated Cu-Au mineralization. Alternatively it could simply represent a higher grade core to a porphyry Cu-Au system. All three anomalies overlap to some extent.

**Table 12: Trek Grid Soil Anomalies**

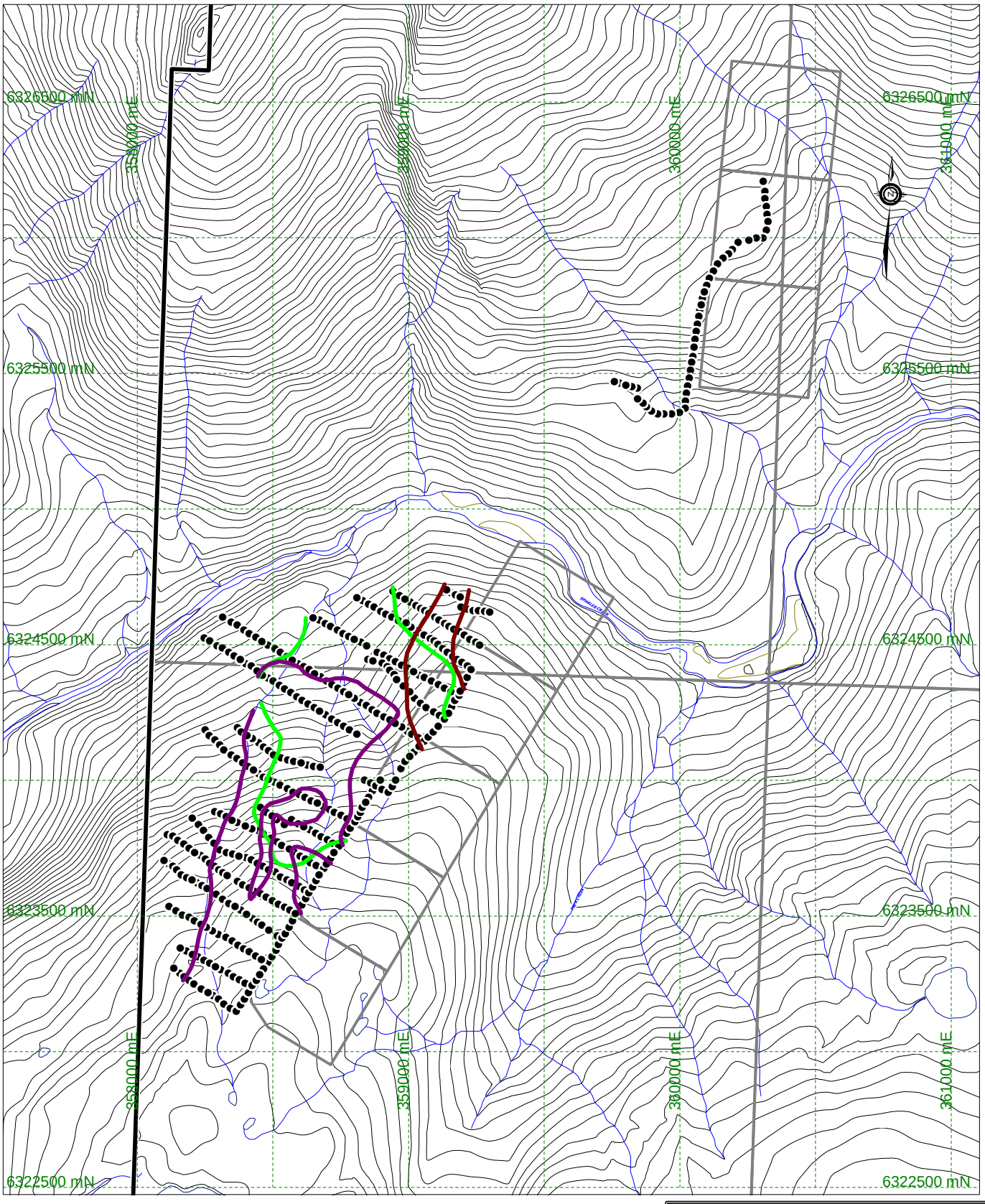
| Anomaly | Wall Grid Location | | Peak Values | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Easting | Northing | Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Zn (ppm) |
| 1 | 4425-5050 | 6725-7800 | 581 | 5.6 | 482 | 2120 | 45 | ---- | ---- |
| 2 | 4425-5000 | 6200-7400 | 496 | ---- | 482 | 1900 | ---- | 258 | 360 |
| 3 | 4750-5050 | 7375-7900 | *9.56g/t* | 26.7g/t | 1695 | *1.22%* | 533 | 866 | 949 |

**Anomaly 1:** This anomaly covers 1100 x 600 m, defined by greater than 60$^{th}$ percentile Cu and Au (82ppm and 20ppb). The anomaly is also exactly coincident with a zone of anomalous Ag and Mo and partially overlaps with an area of anomalous As and Pb. Anomaly 3 is contained within this anomaly but values in the area of overlap between these two anomalies are left out of the peak values indicated above. Anomaly 1 trends to the north and remains open to the east (onto the NovaGold claims) and to the north. The apparent N to NNE trend of the anomaly is sub-parallel to the NNE-trend which controls the Jurassic monzonite intrusions, shear zone hosted massive sulphide mineralization and distribution of porphyry-style mineralization.

**Anomaly 2**: This anomaly overlaps somewhat with Anomaly 1, but is generally located to the SSW of Anomaly 1. The anomaly is defined by a 1400 x 600 m area of >60$^{th}$ percentile Zn and Pb in soil (53ppm and 10ppm). While these numbers are comparatively low, they are not present for the most part to the north in Anomaly 1. This area is also partially coincident with anomalous As in soil. The anomaly has the same NNE-trend as noted in Anomaly 1 and remains open to the south and east (onto the NovaGold claims). This zone likely represents an area more distal from the centre of known porphyry-style mineralization.

**Anomaly 3:** This anomaly covers 600 x 100 m, defined by 90$^{th}$ percentile Au, Ag, As and Pb (134ppb, 1.3ppm, 72ppm and 24ppm) and is contained, for the most part, within Anomaly 1. The anomaly is also partially coincident with an area of anomalous Cu, Mo and Zn. Due to this anomaly's somewhat different metal signature and its intensity; it may represent a shear hosted massive sulphide vein, similar to that in the Gully Zone. However, it may also represent a higher grade portion of porphyry-style mineralization. It contains the highest values taken from the Wall grid for all elements of interest. Anomaly 3 trends N to NNE, remaining open to the south (onto the NovaGold claims) and to the north beyond the limits of sampling.

**North Sphaler Contour Line:** A 1200 m soil contour line was sampled on the north side of Sphaler Creek. Generally the samples taken form this line are not anomalous, however, Au, As, Cu Pb and Zn all show moderate increase to the extreme north end of the line. This is not surprising as that area is approaching an area known to be mineralized at the North Zone.




Soil Anomaly #1

Soil Anomaly #2

Soil Anomaly #3

0 200 400 600 1000

metres

**ROMIOS GOLD RESOURCES INC**

***TREK Property***

**Soil Geochemistry Anomalies**

| | | | |
|---|---|---|---|
| EQUITY | Date: OCT 2006 | Scale: 1:20,000 | Figure 6 |
| | U.T.M. Zone: UTM 9 - NAD83 | Mining District: LIARD | |
| | N.T.S.: 104B/15,G/2 | State/Province: BC | |

### 8.3 PGM & Au Rock Geochemistry

A total of sixteen rock samples from the 2006 exploration were analyzed for PGM content. The samples analyzed for PGM were selected for their high Cu and Au analyses in the porphyry Cu-Au setting. PGM content was analyzed because some known alkaline porphyry Cu-Au systems in British Columbia are abnormally enriched in PGM. An example of this would be at Afton where the "Main Zone" contains an inferred resource of 59.16 million tonnes of 1.05% Cu, 0.83g/t Au, 2.49g/t Ag and **0.12g/t Pd**. Nixon (2004), analyzed some of the better Cu-Au mineralized samples at Afton, these samples yielded up to 3.83g/t Pd and 0.14g/t Pt. Samples from the Trek property show that Pd is present at very low levels (up to 31ppb) and platinum for the most part is below the detection limit. Therefore, PGM's are not considered a significant part of the mineralized system at the Trek property.

**Table 13: Trek PGM & Au Geochemistry**

| Sample Number | Cu* (ppm) | Au* (ppb) | Au (ppb) | Pt (ppb) | Pd (ppb) |
|---|---|---|---|---|---|
| 391129 | 3090 | 600 | 944 | <5 | 3 |
| 391134 | 6200 | 390 | 407 | <5 | 16 |
| 391142 | *2.85%* | *2.22g/t* | *2.12g/t* | <5 | 18 |
| 391143 | *2.96%* | 500 | 756 | <5 | 7 |
| 391454 | 478 | *41.8g/t* | *39.2g/t* | <5 | 9 |
| 391456 | 7910 | 210 | 241 | <5 | 13 |
| 270596 | *16.45%* | *7.56g/t* | *7.42g/t* | <5 | 4 |
| 270597 | 9340 | *1.39g/t* | *1.08g/t* | <5 | 4 |
| 270599 | 6500 | 530 | 649 | <5 | 3 |
| 270600 | *1.25%* | *1.38g/t* | 1.70g/t | <5 | 3 |
| 270601 | *1.41%* | *0.99g/t* | *1.13g/t* | <5 | 10 |
| 270602 | *1.53%* | *1.26g/t* | *1.17g/t* | <5 | 19 |
| 270602 | 4340 | 350 | 413 | <5 | 22 |
| 270606 | *3.52%* | 530 | 529 | <5 | 7 |
| 270615 | 4190 | 300 | 301 | <5 | 4 |
| 270616 | *3.78%* | *4.45g/t* | *4.15g/t* | 7 | 31 |

*Samples determined by conventional ICP analyses, fire assay, gravimetric Finish and metallic screen assay. All others by 30 g lead fire assay with ICP-AES finish

## 9.0 INTERPRETATION AND CONCLUSIONS

The Trek property hosts a variety of mineralization types, which for the most part, appear to spatially, temporally and genetically related to Late Triassic to Early Jurassic Galore Creek intrusions and/or Texas Creek Suite intrusions. The most promising style of mineralization is the low-grade bulk tonnage porphyry Cu-Au style of mineralization. The majority of the work in 2006 was focussed on the Wall grid. This work was designed to test and better define a large zone of anomalous soil contour geochemistry from previous programs. Additional prospecting and mapping focused on old showing to the south of the grid and at the North Zone. From the mapping, prospecting and grid soil geochemistry form the 2006 exploration program the following conclusions can be drawn:

- At least three styles of mineralization are present on the Trek property.
    - Porphyry and porphyry-related Cu-Au mineralization hosted in Stuhini Group rocks and associated with orthoclase megacrystic monzonite to syenite of the Galore Creek intrusions and/or Texas Creek Suite intrusions
    - Massive pyrrhotite, chalcopyrite, pyrite veins hosted in N- to NNE-trending shear zones, within Stuhini Group rocks

  - Massive sulphide, layered pods of chalcopyrite, sphalerite and galena, of possible VMS origin; this style is unique in that it is very enriched in Sb relative As, when compared to other mineralized rocks from other zones on the property

- Prospecting and mapping confirmed mineralization at old zones such as the Toe, Heel, Arch, Pickle and Grey Zones. It also led to the expansion of known mineralization at the West Zone (Tangle Zone) and the North Zone.
- An area of anomalous Au, Cu, Ag and Mo in soil covers an area of 1100 x 600 metres, much of the central and northern parts of the Wall grid. This anomaly probably represents low grade bulk tonnage porphyry Cu-Au style mineralization. Though some sampling has been done in this area, not enough has been done to adequately explain the spatial extent of the soil anomaly. Within this anomaly is a narrow, linear and intense multi-element soil anomaly, which may represent a massive sulphide vein similar to the Gully Zone. Southwards on the Wall grid, the soils become more enriched in Pb and Zn, possibly indicating that the southern direction is more distal to the core of the system.
- N- to NNE-trending structures are important to all forms of mineralization. Both the Galore Creek and Texas Creek Suite intrusions are elongate in the NNE direction, shear hosted massive sulphide veins are hosted in NNE trending shears and there a general NNE trend of porphyry Cu-Au mineralized centres. Therefore, by the latest Triassic a stress regime was present such that the NNE direction was the direction of least apparent stress. This indicates that the massive sulphide veins and porphyry Cu-Au mineralization styles are very closely related, spatially, temporally and genetically. Though textures at the Arch Zone indicate that massive sulphide veins may have overprinted porphyry Cu-Au styles of mineralization at the Tundra Zone.

Future work should be aimed at defining the extent of surface mineralization in the Tangle Zone and the North Zone. An airborne geophysical survey should be flow over the entire property to help delineate structures and identify conductors on the property. Channel sampling of the North Zone would help to evaluate the extent of mineralization in this area and how the grade carries into wall rock not as well mineralized. Once targets are established from surface sampling and airborne geophysical work drilling should commence on the Tangle Zone. Additional drill holes could be placed on the North Zone and/or the Grey and Heel Zones. Additional prospecting mapping and sampling should be carried out on the northern end of the Wall soil sampling grid of 2006.

Respectfully submitted,

_____

Adam Simmons, M.Sc.

Vancouver, British Columbia

November 7, 2006

## Appendix A: References

## BIBLIOGRAPHY


Awmack, H.J. (1991): 1990 Geological, Geochemical and Geophysical Report on the Trek 1-6 Claims; British Columbia Ministry of Energy and Mines Assessment Report #20,956.

Awmack, H.J. and B.K. Yamamura (1988): 1988 Summary Report on the Trek 1-6 Claims; British Columbia Ministry of Energy and Mines Assessment Report #18,115.

Baknes, M.E. (1994): 1993 Drilling Report on the Trek 1-6 Claims; British Columbia Ministry of Energy and Mines Assessment Report #23,394.

BCDM (1970): Annual Report; British Columbia Department of Mines.

Caulfield, D.A. (1989): 1989 Summary Report on the Trek 1-6 Claims; British Columbia Ministry of Energy and Mines Assessment Report #19,479.

Enns, S.G., Thompson, J.F.H., Stanley, C.R. and Yarrow, E.W. (1995): The Galore Creek porphyry copper-gold deposits, northwestern British Columbia; in Porphyry Deposits of the Northwestern Cordillera of North America; T.G. Schroeter (Editor), Canadian Institute Mining, Metallurgy and Petroleum, Special Volume 46, p. 630-644.

Folk, P.G. (1981): Report on Rock Chip Sampling of Sphal 7-12, 19-33, Kim 1-10, 38, 40 and 42, Sphal Fraction; British Columbia Ministry of Energy and Mines Assessment Report #9,614.

Folk, P.G. and W. Spilsbury (1980): Report on Geological Mapping, Magnetometer and Soil Sampling Surveys of Sphal 7-12, 19-33, Kim 1-10, 38, 40 and 42, Sphal Fraction; British Columbia Ministry of Energy and Mines Assessment Report #8,424.

Geological Survey of Canada (1988): National Geochemical Reconnaissance 1:250,000 Map Series (Sumdum/Telegraph Creek); Open File 1646.

Hallof, P.G. (1965): Report on the Induced Polarization and Resistivity Survey on the Goat and Kim Claim Groups; British Columbia Ministry of Energy and Mines Assessment Report #681.

Logan, J.M. and V.M. Koyanagi (1989): Preliminary Geology and Mineral Deposits of the Galore Creek Area, Northwestern British Columbia (104G/3&4), in Geological Fieldwork 1988; British Columbia Ministry of Energy and Mines Paper 1989-1, p. 269-284.

Logan, J.M. and V.M. Koyanagi (1994): Geology and Mineral Deposits of the Galore Creek Area (104G/3, 4); British Columbia Ministry of Energy and Mines Bulletin 92.

Logan, J.M., V.M. Koyanagi and D.A. Rhys (1989): Geology and Mineral Occurrences of the Galore Creek Area (104G/3&4); British Columbia Ministry of Energy and Mines Open File 1989-8, map at 1:50,000 scale.

Logan, J.M. (2005): Alkaline Magmatism and Porphyry Cu-Au Deposits at Galore Creek, Northwestern British Columbia; British Columbia Ministry of Energy and Mines, Paper 2005-1, Geological Fieldwork 2004, p. 137-148.

Milne, B.D. (1970): Report on Sphaler Creek Property; Private report for Silver Standard Mines Ltd., dated October 1970.

Mortensen, J.K., Ghosh, D.K. and Ferri, F. (1995): U-Pb geochronology of intrusive rocks associated with copper-gold porphyry deposits in the Canadian Cordillera; in Porphyry Deposits of the Northwestern Cordillera of North America; T.G. Schroeter (Editor), Canadian Institute Mining, Metallurgy and Petroleum, Special Volume 46, p. 142-158.

Nixon, G.T. (2004): Platinum-Group-Elements in the Afton Cu-Au Porphyry Deposit, Southern British Columbia, in Geological Fieldwork 2003; British Columbia Ministry of Energy and Mines Paper 2004-25, p. 263-290.

Rayner, G.H. (1966): Sphaler Creek; Paper to be presented at C.I.M., Victoria, B.C., October 29th, 1966.

Rayner, G.H. and C.S. Ney (1964): Sphaler Creek Examination, Goat & Kim Claims; British Columbia Ministry of Energy and Mines Assessment Report #565.

## Appendix B: Statement of Expenditures

## STATEMENT OF EXPENDITURES

## TREK PROPERTY

June 25 – July 11, 2006

| | | | | |
|---|---|---|---|---|
| **PROFESSIONAL FEES AND WAGES:** | | | | |
| Adam Simmons, Project Geologist | | | | |
| | 21.89 days @ | $575/day | $ 12,586.75 | |
| Henry Awmack, P.Eng. | | | | |
| | 2.13 days @ | $575/day | 1,224.75 | |
| Stewart Harris, P.Geo. | | | | |
| | 0.31 days @ | $575/day | 178.25 | |
| Tim Sullivan, Prospector | | | | |
| | 11.76 days @ | $400/day | 4,704.00 | |
| Joe McCreery, Senior Sampler | | | | |
| | 11.88 days @ | $300/day | 3,564.00 | |
| Chase Reid, Senior Sampler | | | | |
| | 10.75 days @ | $300/day | 3,225.00 | |
| Scott Parker, Drafting/Logistics | | | | |
| | 17.50 hours @ | $60/hour | 1,050.00 | |
| Neil Visser, Logistics | | | | |
| | 1.00 hours @ | $60/hour | 60.00 | |
| Clerical | | | | |
| | 3.00 hours @ | $25/hour | 75.00 | $ 26,667.75 |
| **EQUIPMENT RENTALS** | | | | |
| Generator (1kVA) | | | | |
| | 11 days @ | $15/day | $ 165.00 | |
| Rental Truck Insurance | | | | |
| | 11 days @ | $10/day | 110.00 | |
| Field Camp | | | | |
| | 43 mandays @ | $30/manday | 1,290.00 | |
| Chainsaw | | | | |
| | 2 days @ | $15/day | 30.00 | |
| Satellite Phone | | | | |
| | 2 weeks @ | $62.50/week | 125.00 | |
| | 443 minutes @ | $1.69/min | 748.67 | |
| Field Computers | | | | |
| | 11 days @ | $40/day | 440.00 | |
| Camp Support (meals, etc.) at RDN camp | | | | |
| | 3 days @ | $55/day | 165.00 | 3,073.67 |
| **EXPENSES:** | | | | |
| Chemical Analyses | | | $ 9,553.91 | |
| Materials and Supplies | | | 591.78 | |
| Plot Charges | | | 57.12 | |
| Printing and Reproductions | | | 44.80 | |
| Camp Food | | | 844.03 | |
| Meals | | | 94.10 | |
| Accommodation | | | 393.36 | |

| | | | |
|---|---|---|---|
| Taxis and Airporters | 33.65 | | |
| Truck Rental (non-Equity) | 628.45 | | |
| Automotive Fuel | 95.00 | | |
| Helicopter Charters | 10,440.31 | | |
| Ferries | 51.49 | | |
| Airfare | 287.23 | | |
| Telephone Distance Charges | 34.43 | | |
| Courier | 46.57 | | |
| Freight | 955.21 | | |
| Radio Rental (non-Equity) | 248.94 | | |
| Report (estimated) | 5,000.00 | | 29,400.38 |
| **SUB-TOTAL:** | | $ | 59,141.80 |
| **PROJECT SUPERVISION CHARGES:** | | | |
| 12% on sub-total: ($59,141.80) | | | 7,097.02 |
| **SUB-TOTAL:** | | $ | 66,238.82 |
| **GST:** 6% on sub-total | | | 3,974.33 |
| **TOTAL:** | | **$** | **70,213.15** |

## Appendix C: Rock Sample Descriptions

| MINERALS AND ALTERATION TYPES | | | | | |
|---|---|---|---|---|---|
| AL | alunite | EN | enargite | MT | marcasite |
| AS | arsenopyrite | EP | epidote | NE | neotocite |
| AZ | azurite | GE | goethite | PA | pyrargyrite |
| BA | barite | GL | galena | PL | pyrolusite |
| BI | biotite | GR | graphite | PO | pyrrhotite |
| BO | bornite | HE | hematite | PY | pyrite |
| BT | pyrobitumen | HS | specularite | QZ | quartz veining |
| CA | calcite | HZ | hydrozincite | RE | realgar |
| CB | Fe-carbonate | JA | jarosite | RN | rhodonite |
| CC | chalcocite | KF | potassium feldspar | SB | stibnite |
| CD | chalcedony | MC | malachite | SI | silicification |
| CL | chlorite | MG | magnetite | SM | smithsonite |
| CP | chalcopyrite | MN | Mn-oxides | SP | sphalerite |
| CV | covellite | MR | mariposite/fuchsite | SR | scorodite |
| CY | clay | MS | sericite | TT | tetrahedrite |
| | | | | | |
| **ALTERATION INTENSITY** | | | | | |
| m | moderate | m | moderate | w | weak |
| s | strong | s | strong | | |
| | | | | | |

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**270596 Trek**
Grid North: UTM 6324226 N
Elevation
Grid East: UTM 359135 E
Sample Width: 20 cm
Type: Select
Strike Length Exp: 15 m
True Width: 20 cm
Host : Intrusive?
Alteration: sCL, sKF, sSI
Metallics: trBO, 40%CP, PY
Secondaries: wCC, sGE, sHE, mMC,

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 7.56 g/t | 20.4 | 38 | 164500 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 4 | 5 | 873 |

Sampled By: TS 26-Jun-06

**270597 Trek**
Grid North: UTM 6324226 N
Elevation
Grid East: UTM 359135 E
Sample Width: 5 m
Type: Chip
Strike Length Exp: 15 m
True Width: 5 m
Host : Intrusive?
Alteration: sKF, sSI
Metallics: CP, PY
Secondaries: wCC, sGE, mHE, mMC,

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 1.39 g/t | 2.4 | 75 | 9340 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | 14 | 148 |

Sampled By: TS 26-Jun-06
Fine grey sulphosalts throughout, mostly fracture related. Fracture throughout cooked and altered.

**270598 Trek**
Grid North: UTM 6322868 N
Elevation
Grid East: UTM 358675 E
Sample Width:
Type: Grab
Strike Length Exp: 3 m
True Width:
Host : Sandstone/mafic
Alteration: mQZ, mSI
Metallics: 1%CP, 10%PY
Secondaries: sGE< mHE, wJA, mMC,

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 240 | 3.4 | 15 | 4050 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 4 | <2 | <2 | 53 |

Sampled By: TS 27-Jun-06
Large area of this rock with pods of chalcopyrite and pyrite with disseminated pyrite, gossanous outside. Malachite in fractures.

**270599 Trek**
Grid North: UTM 6322821 N
Elevation
Grid East: UTM 358734 E
Sample Width: 30 cm
Type: Grab
Strike Length Exp: 30 m
True Width: 30 cm
Host : Mafic sandstone (breccia?)
Alteration: sSI
Metallics: 1-5%CP, trGL, 30%PY
Secondaries: sGE, sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 530 | 20.8 | 979 | 6500 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 66 | 95 | <2 | 282 |

Sampled By: TS 27-Jun-06
This zone may be 1 m wide. Bedded sulphide that got busted up VMS?

**270600 Trek**
Grid North: UTM 6322752 N
Elevation
Grid East: UTM 358719 E
Sample Width:
227°/58° RT
Type: Grab
Strike Length Exp:
True Width:
Host : Siliceous dark sediments/mafic
Alteration: mQZ, sSI
Metallics: 15%CP, 2.5%PY
Secondaries: sGE, sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 1.38 g/t | 70.6 | 4610 | 12500 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 19 | 109 | 52 | 312 |

Sampled By: TS 27-Jun-06
Looks VMS on strike. Lots of fracture related malachite and pyrite throughout surrounding area.

**270601 Trek**
Grid North: UTM 6324490 N
Elevation
Grid East: UTM 359113 E
Sample Width: 30 cm
Type: Grab
Strike Length Exp: 40 m
True Width: 30 cm
Host : Siliceous chlorite? altered sandstone
Alteration: mCA, sCL, sSI
Metallics: 1%CP, 1%PO, 10%PY
Secondaries: sGE< sHE, wMC, mMN

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 990 | 16.4 | 69 | 14100 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 20 | <2 | <2 | 258 |

Sampled By: TS 28-Jun-06
Old trench here, about 20-30 m long, possibly from 70's or earlier.

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**270602 Trek**

Grid North: UTM 6324384 N
Elevation
Grid East: UTM 359033 E
Sample Width: 50 cm
Type: Grab
Strike Length Exp: 60 m
True Width: 50 cm
Host : Siliceous chlorite? altered sandstone
Alteration: sQZ, sSI
Metallics: 5%CP, 5%PY
Secondaries: trCC, ?CV, sGE, sHE, s

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 1.26 g/t | 13.8 | 70 | 15300 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 48 | 2 | <2 | 248 |

Sampled By: TS 28-Jun-06

Amazing cliff covered in copper lichen (red) and malachite.

---

**270603 Trek**

Grid North: UTM 6324070 N
Elevation
Grid East: UTM 358930 E
Sample Width: 4 m
Type: Grab + Chip
Strike Length Exp: 50 m
True Width: 4 m
Host :
Alteration:
Metallics: CO, PY
Secondaries: sAZ, sGE, sHE, sJA, sM

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 350 | 6.7 | 83 | 4340 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 231 | <2 | 993 |

Sampled By: TS 27-Jun-06

---

**270604 Trek**

Grid North: UTM 6326683 N
Elevation 1206
Grid East: UTM 360395 E
Sample Width: 10 m
Type: Chip
Strike Length Exp: 100 m
True Width: 8 m
Host : Altered volcanics? carbonate altered felsic
Alteration: sCB, ?CL, sMS, sSI
Metallics: 1%CP, 2%PY
Secondaries: mGE, wHE, w-mMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 240 | 1.8 | 14 | 3000 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 30 | 25 | 10 | 46 |

Sampled By: TS 28-Jun-06

Lots of malachite in walls to the east on the other property. Blebby malachite throughout this outcrop. Very scoured here.

---

**270605 Trek**

Grid North: UTM 6326683 N
Elevation
Grid East: UTM 360395 E
Sample Width: 15 cm
Type: Grab
Strike Length Exp: 50 m
True Width: 15 cm
Host : Sericitized carbonatized volcanic
Alteration: mCB, mMS, mSI
Metallics: 2.5%CP, 2.5%PY
Secondaries: sGE, wHE, wMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 60 | 4.5 | 26 | 1855 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 1 | 16 | 49 | 79 |

Sampled By: TS 28-Jun-06

Same rock as 270604.

---

**270606 Trek**

Grid North: UTM 6323555 N
Elevation
Grid East: UTM 360567 E
Sample Width: 5 m
281°/54°
Type: Chip
Strike Length Exp: 300 m
True Width: 5 m
Host : Altered mafic
Alteration: CA, sCB, sMS
Metallics: 10%CP, 15%PY
Secondaries: wAZ, sGE, sHE, sMC, s

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 530 | 10.4 | 78 | 35200 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 172 | <2 | 11 | 80 |

Sampled By: TS 29-Jun-06

Can see malachite all through zone, only 2 hrs here.

---

**270607 Trek**

Grid North: UTM 6323570 N
Elevation
Grid East: UTM 360928 E
Sample Width: 15 cm
Type: Grab
Strike Length Exp: 100 m
True Width: 15 cm
Host : Mafic sandstone
Alteration: sQZ
Metallics: 15%PY
Secondaries: sGE, wHE, mJA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 80 | 4.5 | 197 | 194 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 88 | 316 | 4 | 78 |

Sampled By: TS 29-Jun-06

Pod of semi massive sulphide.

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**270608 Trek**

Grid North: UTM 6322279 N | Grid East: UTM 358479 E | Elevation 1358 m | Sample Width: 50 cm | Bedding 188°/60° RT

Type: Grab | Strike Length Exp: 50+ m | True Width: 50 cm | Host : Siliceous mafic sandstone

Alteration: sSI | Metallics: 30%PO, 40%PY | Secondaries: 5%Ge, 5%HE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 40 | 5.3 | 4 | 3080 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 39 | <2 | <2 | 3 |

Sampled By: TS 01-Jul-06

Pod of semi-massive sulphide near anomaly. Maybe on strike with depression/fault containing vms material at 22 degrees.

---

**270609 Trek**

Grid North: UTM 6322006 N | Grid East: UTM 358633 E | Elevation | Sample Width: 3 m | Bedding

Type: Chip | Strike Length Exp: 200 m | True Width: 3 m | Host : Siliceous mafic sandstone

Alteration: mQZ, sSI | Metallics: 30%PY | Secondaries: mGE, mHE, wMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 470 | 4.7 | <2 | 1830 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 6 | 8 | <2 | 102 |

Sampled By: TS 01-Jul-06

Rock glitters with pyrite. Weak malachite on fractures but did not see malachite. Thin stockwork throughout contact with granite near edge of glacier.

---

**270610 Trek**

Grid North: UTM 6321985 N | Grid East: UTM 358628 E | Elevation | Sample Width: 5 m | Bedding 208°/77° RT

Type: Chip | Strike Length Exp: | True Width: | Host :

Alteration: | Metallics: | Secondaries:

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 370 | 2.7 | <2 | 157 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 100 |

Sampled By: TS 01-Jul-06

Semi-massive pyrrhotite veins at contact with felsics along edge of glacier. Close to gold anomalous soils.

---

**270611 Trek**

Grid North: UTM 6326952 N | Grid East: UTM 360288 E | Elevation | Sample Width: 30 cm

Type: Grab | Strike Length Exp: 500 m | True Width: 30 cm | Host : Carbonate altered lapilli tuff

Alteration: sCB, mKF, mQZ | Metallics: trCP, 1.5%PY | Secondaries: sGE, trMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 40 | 3.5 | 45 | 1735 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 12 | 2 | 112 |

Sampled By: TS 02-Jul-06

Large zone of this rock. Almost looks porphyritic, rare pods of chalcopyrite. Clasts of quartz and potassium feldspar in grey matrix. Carbonate alteration.

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**270612 Trek**

Grid North: UTM 6327098 N | Grid East: UTM 360468 E | Elevation | Sample Width: 5 m

Type: Chip | Strike Length Exp: 50 m | True Width: 5 m | Host : Porphyritic intrusive/carbonate alteration

Alteration: sCB, sKF | Metallics: 1%CP, 5%PY | Secondaries:

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | 1 | 31 | 136 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 202 | 2 | 461 |

Sampled By: TS 02-Jul-06

Possible lead and sericite.

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**270613 Trek**

Grid North: UTM 6320261 N | Grid East: UTM 357578 E | Elevation | Sample Width:

Type: Grab | Strike Length Exp: | True Width: | Host : Silicified mafic sandstone

Alteration: sSI | Metallics: 20%PO, PY | Secondaries: sGE, sHE, sMN

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 20 | 1.4 | 7 | 142 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 17 | <2 | 31 |

Sampled By: TS 02-Jul-06

Knob of different rock at contact with granite hiding under talus.

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**270614 Trek**

Grid North: UTM 6320261 N | Grid East: UTM 356357 E | Elevation 1058 | Sample Width: 10 cm | Bedding 156°/29° RT

Type: Grab | Strike Length Exp: | True Width: 10 cm | Host : Siltstone with bands of pyrrhotite

Alteration: | Metallics: 20%PO | Secondaries: mGE, wHE, mMN

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 10 | 0.3 | 11 | 106 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 1 | 17 | 2 | 101 |

Sampled By: TS
02-Jul-06

**270615 Trek**

Grid North: UTM 6322946 N | Grid East: UTM 358805 E | Elevation 1230 | Sample Width: 20 cm

Type: Grab | Strike Length Exp: 1 m | True Width: 20 cm | Host : Mafic sandstone

Alteration: mSI | Metallics: 2%CP, 5%PO, 30%PY | Secondaries: sGE, sHE, sJA, mMC, m

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 300 | 8 | 31 | 4190 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 82 | 17 | 2 | 112 |

Sampled By: TS
03-Jul-06

**270616 Trek**

Grid North: UTM 6322865 N | Grid East: UTM 359432 E | Elevation 1026 | Sample Width: 50

Type: Select | Strike Length Exp: | True Width: 50 | Host : VMS? siltstone

Alteration: sSI | Metallics: 20%AS, 15%CP, 1%GL, 1 | Secondaries: sGE, sHE, mJA, mMC,

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 4.45 g/t | 1965 g/t | 1170 | 3.78 % |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 2.27 % | >10000 | 2.89 % |

Sampled By: TS
03-Jul-06

Beautiful VMS show. Copper and white Fe-stained spoogh running down slope from here. Looks like glacial ice from a distance. This section of rock has a lot of low-med temp hydrothermal sulphides.

**270617 Trek**

Grid North: UTM 6322718 N | Grid East: UTM 359292 E | Elevation 1056 | Sample Width: 10 m | Bedding 074°/52° RT

Type: Chip | Strike Length Exp: 100 m | True Width: 10 m | Host : Carbonations siltstone

Alteration: sCB | Metallics: trCP, 40%PY, trSP | Secondaries: wGE, wHE, trMC, sMN

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 30 | 6.2 | 221 | 282 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 86 | 34 | 2080 |

Sampled By: TS
04-Jul-06

Possibly skarn type with later hydrothermal activity. Looks like VMS.

**391129 Trek**

Grid North: UTM 6324221 N | Grid East: UTM 359138 E | Elevation | Sample Width: 10 m

Type: Chip | Strike Length Exp: 10 m | True Width: 10 m | Host : Altered pyrobitumen phenocrystic int.

Alteration: sKF, wSI | Metallics: 1%CP, 2%PY | Secondaries: wHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 600 | 1.2 | 25 | 3090 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 16 | 11 | 85 |

Sampled By: AS
26-Jun-06

Chip sample across outcrop that Tim sampled a "select chip" down a structure/fracture, approximately 1 m wide. Area is rich with malachite stockwork fracture coating and veins.

**391130 Trek**

Grid North: UTM 6323082 N | Grid East: UTM 358480 E | Elevation | Sample Width: 15 cm

Type: Grab | Strike Length Exp: 2 m | True Width: 2 m | Host :

Alteration: mCL, wKF, wSI | Metallics: trCP, 2%PY | Secondaries: wMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 30 | 2 | 29 | 251 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 30 | <2 | 208 |

Sampled By: AS
27-Jun-06

Fracture coatings of malachite with disseminated pyrite and trace chalcopyrite.

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**391131 Trek**

Grid North: UTM 6322911 N | Grid East: UTM 358488 E | Elevation | Sample Width: 8 cm | Bedding

Type: Grab | Strike Length Exp: 4 m | True Width: 1 m | Host: Hornblende plag phyric andesite

Alteration: sBI | Metallics: trPY | Secondaries: sMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 10 | <0.2 | 5 | 17 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 33 |

Sampled By: AS 27-Jun-06

Malachite staining on fracture surface with dark green micaceous minerals (chlorite or rosscolite) Contains late fracture hosted calcite veinlets.

**391132 Trek**

Grid North: UTM 6322843 N | Grid East: UTM 358504 E | Elevation | Sample Width: 15 cm | Bedding

Type: Grab | Strike Length Exp: 2 m | True Width: 1 m | Host: Andesite (flow foliation)

Alteration: mBI | Metallics: trCP, 4%PY | Secondaries: wHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | <0.2 | 8 | 170 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 36 |

Sampled By: AS 27-Jun-06

Approximately 5% disseminated pyrite>>chalcopyrite in altered play and hornblende phyric andesite.

**391133 Trek**

Grid North: UTM 6322435 N | Grid East: UTM 358870 E | Elevation | Sample Width: 30 m | Bedding

Type: Chip | Strike Length Exp: 45 m | True Width: 45 m | Host: Hornblende, plag, augite porphyry andesite

Alteration: sBI, wSI | Metallics: 1%CP, 5%PY | Secondaries: mHE, sMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 20 | 0.8 | <2 | 970 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 65 |

Sampled By: AS 27-Jun-06

Possible rosscolite; strong malachite staining in less gossanous zones. Gossanous zones are steeply dipping intense fractures-zones. Sample from Heel zone.

**391134 Trek**

Grid North: UTM 6322529 N | Grid East: UTM 358814 E | Elevation | Sample Width: 10 cm | Bedding

Type: Grab | Strike Length Exp: 1 m | True Width: 1 m | Host: Hornblende, plag, augite porphyry andesite

Alteration: mBI | Metallics: 3%CP, 10%PY | Secondaries: sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 390 | 8.6 | 9 | 6200 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 120 |

Sampled By: AS 27-Jun-06

Possible rosscolite. Sample from one of the narrow gossanous zones to the north of the Heel zone.

**391135 Trek**

Grid North: UTM 6323040 N | Grid East: UTM 358391 E | Elevation | Sample Width: 15 | Bedding

Type: Grab | Strike Length Exp: 2 m | True Width: | Host: Massive amygdaloidal andesite

Alteration: wEP | Metallics: trPY | Secondaries: wGE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | <0.2 | 7 | 38 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 54 |

Sampled By: AS 27-Jun-06

From area around spot anomaly just south west of camp on south west grid. Amygdaloidal andesite (plag + hornblende phyric). Silica stockwork and fracture coating with trace pyrite with quartz and malachite stains. Might be faulted to the east.

**391136 Trek**

Grid North: UTM 6322931 N | Grid East: UTM 358412 E | Elevation | Sample Width: 30 cm | Bedding 096°/74°

Type: Grab | Strike Length Exp: 3 m | True Width: 1 m | Host: Volcanic derived conglomerate

Alteration: sBI, wSI, sKS | Metallics: trCP, 2%PY | Secondaries: wAZ, sMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | <0.2 | 5 | 87 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 110 |

Sampled By: AS 27-Jun-06

Zone of relatively strong malachite azurite staining of fracture at contact between volcanic conglomerate and andesite flow. Conglomerate to south contains stockwork silica sampled in 391137 and 39138.

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**391137** **Trek**

Grid North: UTM 6322938 N | Grid East: UTM 358415 E | Elevation | Sample Width: 5 cm | Vein 306°/79°

Type: Select | Strike Length Exp: 3 m | True Width: 30 cm | Host: Volcanic Conglomerate

Alteration: wBl, mCB | Metallics: 1%PY | Secondaries: wHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | 0.2 | 5 | 44 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 63 |

Sampled By: AS 28-Jun-06

Narrow zone of carbonate veining (up to 1 cm) over 30 cm. Veins contain 1% pyrite and ?rutile?. Minor malachite related to early porphyry style mineralization.

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**391138** **Trek**

Grid North: UTM 6322936 N | Grid East: UTM 358415 E | Elevation | Sample Width: 15 cm

Type: Grab | Strike Length Exp: 3 m | True Width: 75 cm | Host: Volcanic conglomerate

Alteration: sBl, wSl, wROSS | Metallics: trCP, 2%PY | Secondaries: wAZ, sMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 90 | 1.7 | 4 | 807 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 89 |

Sampled By: AS 28-Jun-06

Malachite, chrysecolla and azurite stained section of fractured volcanic conglomerate over 0.75 m. ?Rosscolite?

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**391139** **Trek**

Grid North: UTM 6322930 N | Grid East: UTM 358410 E | Elevation | Sample Width: 10 cm

Type: Grab | Strike Length Exp: 3 m | True Width: 8 m | Host:

Alteration: sBl, sSl | Metallics: trCP, 2%PY | Secondaries: wHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 50 | 1 | <2 | 538 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 103 |

Sampled By: AS 28-Jun-06

Good example of silica stockwork. Occasionally looks bladed. ?Silica? after calcite?

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**391140** **Trek**

Grid North: UTM 6326604 N | Grid East: UTM 360380 E | Elevation | Sample Width: 40 cm

Type: Grab | Strike Length Exp: 400 m | True Width: 40 m | Host: Altered intrusion ?monzonite?

Alteration: wBl, mCY, sMS, mSl | Metallics: trPY | Secondaries: sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | 0.2 | 41 | 266 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | 3 | 72 |

Sampled By: AS 29-Jun-06

From heavily altered intrusion of red gossanous outcrop. Remnant biotite euhedral phenos indicate intrusive, but too altered to be sure. Country rock to north east heavily mineralized.

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**391141** **Trek**

Grid North: UTM 6326674 N | Grid East: UTM 360467 E | Elevation | Sample Width: 30 cm

Type: Grab | Strike Length Exp: | True Width: | Host: Altered andesite

Alteration: wBl, wCB, sMS, wSl | Metallics: 2%CP, 4%PY | Secondaries: mGe

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 10 | 0.3 | 8 | 936 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 19 | <2 | 69 |

Sampled By: AS 29-Jun-06

Hard, fine-grained sericite altered andesite with bladed calcite veinlets.

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**391142** **Trek**

Grid North: UTM 6326608 N | Grid East: UTM 360550 E | Elevation | Sample Width: 10 cm | Vein 281°/54°

Type: Select | Strike Length Exp: 10 m | True Width: 50 cm | Host: Andesite?

Alteration: mBl, sCL, sMS | Metallics: 4%CP, 8%PY | Secondaries: wAZ, sGE, sMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 2.22 g/t | 17.2 | 76 | 28500 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 2900 | 12 | 13 | 16 |

Sampled By: AS 29-Jun-06

Extremely altered host rock. Malachite azurite and chalcopyrite concentrated along fracture coatings. Strongly mineralized areas related to zone with increased fracturing.

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# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**391143 Trek**

Grid North: UTM 6326604 N | Grid East: UTM 360548 E | Elevation | Sample Width: 20 cm | Vein 281°/54°

Type: Grab | Strike Length Exp: 500 m | True Width: 200 m | Host : Andesite?

Alteration: mBl, wCB, mCL, mMS | Metallics: | Secondaries: mAZ, wGE, mMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 500 | 8.7 | 54 | 29600 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 225 | <2 | 3 | 48 |

Sampled By: AS 28-Jun-06

Grab sample of a slightly better sections of Tim's chip sample.

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**391144 Trek**

Grid North: UTM 6324528 N | Grid East: UTM 359905 E | Elevation | Sample Width: 30 cm

Type: Grab | Strike Length Exp: 5 m | True Width: 15 m | Host : Andesite?

Alteration: wCY, sMS, sSI | Metallics: 1%CP, 3%PY, 2%SP | Secondaries: sJA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 120 | 1.4 | 283 | 264 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 5 | 23 | 4 | 144 |

Sampled By: AS 29-Jun-06

Taken from cliff on north side of Sphaler Creek along strike of Gully zone. Zone of highly gossanous rocks but only stringers of quartz veins.

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**391145 Trek**

Grid North: UTM 6323634 N | Grid East: UTM 358325 E | Elevation | Sample Width: 10 cm

Type: Float | Strike Length Exp: | True Width: | Host : Aphanitic massive andesite

Alteration: sCB, wCL | Metallics: 4%PY | Secondaries: wHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | <0.2 | 9 | 158 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | <2 | <2 | 72 |

Sampled By: AS 01-Jul-06

Taken from large angular boulder 10 m downslope from cliff face. Disseminated cubic pyrite associated with pods of carbonate within the andesite. Best mineralization of Upper Wall.

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**391146 Trek**

Grid North: UTM 6323652 N | Grid East: UTM 358366 E | Elevation | Sample Width: 10 cm

Type: Float | Strike Length Exp: | True Width: | Host :

Alteration: mCL, wEP | Metallics: trCP, 60%PY | Secondaries: sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 110 | 0.8 | 348 | 59 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 4 | 30 | 5 | 134 |

Sampled By: AS 01-Jul-06

From angular boulder at foot of 50 ft cliff of semi massive pyrite (trace chalcopyrite) in siltstone.

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**391147 Trek**

Grid North: UTM 6323612 N | Grid East: UTM 358437 E | Elevation | Sample Width: 10 cm

Type: Grab | Strike Length Exp: | True Width: | Host : ?

Alteration: | Metallics: trPY | Secondaries: wHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | <0.2 | <2 | 20 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 1 | <2 | <2 | 5 |

Sampled By: AS 01-Jul-06

Cobble (sub-rounded) of coarse-grained bull quartz vein with minor hematite staining. Looks to be derived from a fair distance up the mountain.

---

**391148 Trek**

Grid North: UTM 6326761 N | Grid East: UTM 360380 E | Elevation | Sample Width: 10 cm | Joint 025°/54°

Type: Select | Strike Length Exp: 20 m | True Width: 10 m | Host : Altered quartz monzonite

Alteration: wBl, sCB, wMS | Metallics: 3%CP, 4%PY | Secondaries: mHE, wMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 360 | 0.4 | 6 | 1110 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 4 | 3 | 72 |

Sampled By: AS 02-Jul-06

Quartz monzonite contains 5-7 mm porphyritic rounded quartz phenos and euhedral feldspar phenos. 025/54 fracture set contains abundant hematite and malachite.

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**391149 Trek**

Grid North: UTM 6326758 N | Grid East: UTM 360380 E | Elevation | Sample Width: 10 m | Joint 025°/54°

Type: Chip | Strike Length Exp: 20 m | True Width: 10 m | Host : Altered quartz monzonite

Alteration: wBI, sCB, wMS | Metallics: 2%CP, 4%PY | Secondaries: wHE, wMA

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 40 | 0.3 | 16 | 1050 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 8 | 3 | <2 | 53 |

Sampled By: AS 02-Jul-06

10 m chip across outcrop as at sample 391148.

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**391150 Trek**

Grid North: UTM 6326770 N | Grid East: UTM 360331 E | Elevation | Sample Width: 20

Type: Float | Strike Length Exp: 10 m | True Width: 50 m | Host : Andesite

Alteration: | Metallics: 1%CP, 15%MG, 8%PY | Secondaries: mHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 160 | 7.3 | 68 | 3240 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 2 | 244 | 3 | 651 |

Sampled By: AS 02-Jul-06

From large angular boulder field 50 x 100 m sloughing off of cliff above all boulders approximately mineralized the same.

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**391451 Trek**

Grid North: UTM 6319781 N | Grid East: UTM 356195 E | Elevation | Sample Width: 10 cm | Bedding 322°/77°

Type: Grab | Strike Length Exp: 20 m | True Width: 10 m | Host : Siltstone

Alteration: mMS, wSI | Metallics: 8%PY | Secondaries: sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| <10 | 0.2 | 44 | 108 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 3 | 12 | <2 | 97 |

Sampled By: AS 02-Jul-06

In well bedded (Paleozoic?) siltstone and sandstone (quartzose). Pyrite concentrated at bedding planes. Beds are thin (<10 cm).

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**391452 Trek**

Grid North: UTM 6323625 N | Grid East: UTM 358715 E | Elevation | Sample Width: 8 cm

Type: Grab | Strike Length Exp: 1 m | True Width: 20 cm | Host : Silicified andesite (?) or rhyolite

Alteration: mMS, sSI | Metallics: 5%PY | Secondaries: sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 10 | 1.1 | 5 | 441 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 5 | 2 | 3 | 38 |

Sampled By: AS 03-Jul-06

In a small outcrop (isolated), difficult to tell where this rock fits in. Could be an altered andesite or a slightly more acid volcanic rock.

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**391453 Trek**

Grid North: UTM 6323758 N | Grid East: UTM 358701 E | Elevation | Sample Width: 10 cm | Bedding 102°/67°

Type: Grab | Strike Length Exp: 1 m | True Width: 1 m | Host : Biotite plag phyric andesite

Alteration: sBI, wCL | Metallics: trBO, 8%PY | Secondaries: mGE, mHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 150 | 1.4 | 19 | 2230 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 1 | 2 | <2 | 46 |

Sampled By: AS 03-Jul-06

Hard biotite alteration, particularly of relic hornblende phenos. Pyrite is disseminated throughout with trace bornite enclosed in pyrite.

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**391454 Trek**

Grid North: UTM 6322602 N | Grid East: UTM 358865 E | Elevation | Sample Width: 15 cm

Type: Grab | Strike Length Exp: 25 m | True Width: 5 m | Host : Altered augite, plag, hornblende porphyritic flow

Alteration: sBI, wCB, wSI | Metallics: trCP, 8%PY | Secondaries: sHE

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 36.3 g/t | 84.2 | 21 | 478 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 1 | 236 | 3 | 62 |

Sampled By: AS 04-Jul-06

From south west of Grey Zone in gully in portion of heavily gossanous rock. Heavy alteration obscure original volcanic textures.

# Rock Sample Descriptions Trek

**Operator:** Romios Gold Resources Inc. **Project:** RG06-01 2006 **NTS:** 104G/4E

**391455 Trek**

Grid North: UTM 6322598 N | Grid East: UTM 358860 E | Elevation
Sample Width: 20 cm
Type: Grab | Strike Length Exp: 25 m | True Width: 5 m
Host : Altered augite, plag, hornblende porphyry
Alteration: sBI, wCB, mSI | Metallics: 2%CP, 10%PY | Secondaries: wHE, wMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 220 | 1.8 | 22 | 324 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 2 | 14 | <2 | 100 |

Sampled By: AS 04-Jul-06

From same outcrop as 391454 but in an area that is less gossanous. Strangely there is more sulphide.

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**391456 Trek**

Grid North: UTM 6322588 N | Grid East: UTM 358865 E | Elevation
Sample Width: 10 cm
Type: Float | Strike Length Exp: | True Width:
Host : Altered sub volcanic diorite (plag phenos)
Alteration: mBI, sCB, wCL | Metallics: 3%CP, 5%PY | Secondaries: wAZ, wHE, mMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 210 | 5.9 | 5 | 7910 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 2 | 6 | <2 | 106 |

Sampled By: AS 04-Jul-06

From talus sloughing directly off northwest Heal Zone into Grey Zone gully. Chalcopyrite and pyrite as disseminated and thin discrete sulphide only veinlets.

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**391457 Trek**

Grid North: UTM 6322593 N | Grid East: UTM 358872 E | Elevation
Sample Width: 15 cm
Type: Float | Strike Length Exp: | True Width:
Host : Altered diorite (plag phenos)
Alteration: wBI, sCB | Metallics: trCP, 1%PY | Secondaries: sAZ, wHE, mMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 30 | 0.6 | <2 | 1175 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 6 | <2 | 71 |

Sampled By: AS 04-Jul-06

From same talus slope as 391456 in terms of sulphide contained in this rock. Azurite and malachite concentrated along fractured planes.

---

**391458 Trek**

Grid North: UTM 6322580 N | Grid East: UTM 359056 E | Elevation
Sample Width: 25 cm
Type: Grab | Strike Length Exp: 200 m | True Width: 100 m
Host : Altered plag phyric microdiorite
Alteration: sBI, mCB, wCL, wSI | Metallics: trCP, 50%PY | Secondaries: sHE, WMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 100 | 3.2 | 24 | 1600 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| <1 | 23 | <2 | 104 |

Sampled By: AS 04-Jul-06

Similar to IOCG type mineralization, but have not identified albite alteration? Might contact skarn with Eocene granite overprinting weak old porphyry.

---

**391459 Trek**

Grid North: UTM 6322585 N | Grid East: UTM 359051 E | Elevation
Sample Width: 10 cm
Type: Grab | Strike Length Exp: 200 m | True Width: 100 m
Host : Altered plag phyric microdiorite
Alteration: sBI, mCB, wCL, wSI | Metallics: trCP, 60%PY | Secondaries: sHE, wMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 100 | 2.2 | 19 | 794 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 3 | 24 | <2 | 208 |

Sampled By: AS 04-Jul-06

From same outcrop as 391458 but with more sulphide.

---

**391460 Trek**

Grid North: UTM 6322594 N | Grid East: UTM 359056 E | Elevation
Sample Width: 20 cm
Type: Float | Strike Length Exp: | True Width:
Host : Altered plag phyric microdiorite
Alteration: sBI, wCB, mSI | Metallics: trCP, 45PY | Secondaries: wHE, wMC

| Au (ppb) | Ag (ppm) | As (ppm) | Cu (ppm) |
|---|---|---|---|
| 670 | 5.1 | 144 | 642 |
| **Mo (ppm)** | **Pb (ppm)** | **Sb (ppm)** | **Zn (ppm)** |
| 2 | 20 | <2 | 264 |

Sampled By: AS 04-Jul-06

Moderately sheared and contains radiating (tremolite?) crystals on slip surfaces. Specular hematite?

## Appendix D.1: Certificates of Analysis

## (Soil and Silt Samples)

**ALS Chemex**
***EXCELLENCE IN ANALYTICAL CHEMISTRY***
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 12-AUG-2006**
**This copy reported on 14-AUG-2006**
**Account: EIA**

## CERTIFICATE VA06064082

Project: Trek

P.O. No.: RG06-01

This report is for 195 Soil samples submitted to our lab in Vancouver, BC, Canada on 7-JUL-2006.

The following have access to data associated with this certificate:

| EQUITY ENG E-MAIL | ROMIOS GOLD | ADAM SIMMONS |
|---|---|---|

## SAMPLE PREPARATION

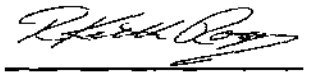
| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| SCR-41 | Screen to -180um and save both |
| LOG-24 | Pulp Login - Rcd w/o Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au-AA23 | Au 30g FA-AA finish | AAS |
| Au-GRA21 | Au 30g FA-GRAV finish | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |
| Cu-AA46 | Ore grade Cu - aqua regia/AA | AAS |

To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**

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:** 
Keith Rogers, Executive Manager Vancouver Laboratory

# ALS Chemex

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | WEI-21 | Au-AA23 | Au-AA23 | Au-GRA21 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Au Check | Au | Au Check | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co |
| | Units | kg | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.02 | 0.005 | 0.005 | 0.05 | 0.05 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 |
| L5000E 6200N | | 0.28 | 0.012 | | | | 0.2 | 3.57 | 12 | <10 | 220 | <0.5 | 2 | 0.53 | <0.5 | 30 |
| L5000E 6225N | | 0.44 | 0.008 | | | | <0.2 | 2.89 | 8 | <10 | 60 | 0.5 | 2 | 0.51 | <0.5 | 23 |
| L5000E 6250N | | 0.28 | 0.007 | | | | <0.2 | 2.56 | 3 | <10 | 100 | 1.0 | <2 | 0.26 | <0.5 | 22 |
| L5000E 6275N | | 0.38 | <0.005 | | | | <0.2 | 5.18 | 4 | <10 | 180 | 0.9 | 2 | 0.26 | <0.5 | 27 |
| L5000E 6275ND | | 0.38 | 0.006 | | | | <0.2 | 5.44 | 7 | <10 | 220 | 0.9 | 2 | 0.32 | <0.5 | 27 |
| L5000E 6300N | | 0.24 | 0.013 | | | | 0.4 | 4.47 | 3 | <10 | 230 | 0.9 | <2 | 0.35 | <0.5 | 25 |
| L5000E 6325N | | 0.30 | <0.005 | | | | <0.2 | 1.59 | <2 | <10 | 40 | <0.5 | 2 | 0.23 | <0.5 | 12 |
| L5000E 6350N | | 0.28 | <0.005 | | | | <0.2 | 3.45 | 3 | <10 | 120 | 0.9 | <2 | 0.30 | <0.5 | 19 |
| L5000E 6375N | | 0.24 | <0.005 | | | | <0.2 | 1.98 | 14 | <10 | 30 | 1.1 | <2 | 0.08 | <0.5 | 8 |
| L5000E 6400N | | 0.26 | 0.005 | | | | 0.2 | 1.55 | 12 | <10 | 40 | 1.3 | <2 | 0.07 | <0.5 | 9 |
| L5000E 6425N | | 0.30 | <0.005 | | | | <0.2 | 3.88 | 4 | <10 | 160 | 0.8 | <2 | 0.82 | <0.5 | 29 |
| L5000E 6450N | | 0.32 | <0.005 | | | | <0.2 | 2.59 | 19 | <10 | 70 | 0.5 | <2 | 0.16 | <0.5 | 6 |
| L5000E 6475N | | 0.30 | <0.005 | | | | 0.3 | 2.38 | 19 | <10 | 60 | 0.8 | 2 | 0.12 | <0.5 | 11 |
| L5000E 6500N | | 0.38 | 0.006 | | | | <0.2 | 3.81 | 9 | <10 | 120 | 1.4 | <2 | 0.12 | <0.5 | 12 |
| L5000E 6525N | | 0.48 | 0.120 | | | | 0.6 | 1.81 | 114 | <10 | 50 | 0.9 | 11 | 0.09 | 1.1 | 18 |
| L5000E 6550N | | 0.36 | <0.005 | | | | 0.3 | 3.52 | 61 | <10 | 140 | 1.9 | 2 | 0.99 | <0.5 | 21 |
| L5000E 6575N | | 0.42 | 0.017 | | | | 0.2 | 2.16 | 18 | <10 | 60 | 0.8 | <2 | 0.23 | <0.5 | 9 |
| L5000E 6600N | | 0.44 | <0.005 | | | | 0.2 | 2.36 | 11 | <10 | 60 | 0.6 | <2 | 0.08 | <0.5 | 9 |
| L5000E 6625N | | 0.36 | <0.005 | | | | <0.2 | 2.07 | 8 | <10 | 50 | 0.6 | <2 | 0.10 | <0.5 | 5 |
| L5000E 6650N | | 0.44 | <0.005 | | | | 0.2 | 1.36 | 7 | <10 | 40 | <0.5 | 3 | 0.07 | <0.5 | 4 |
| L5000E 6675N | | 0.42 | <0.005 | | | | 0.2 | 3.02 | 52 | <10 | 70 | 1.2 | <2 | 0.09 | <0.5 | 20 |
| L5000E 6700N | | 0.44 | 0.009 | | | | <0.2 | 2.58 | 19 | <10 | 60 | 0.7 | <2 | 0.11 | <0.5 | 12 |
| L5000E 6725N | | 0.38 | 0.011 | | | | 0.8 | 1.78 | 9 | <10 | 40 | <0.5 | 2 | 0.10 | <0.5 | 3 |
| L5000E 6750N | | 0.32 | 0.008 | | | | 0.3 | 3.82 | 28 | <10 | 30 | 1.5 | 2 | 0.06 | <0.5 | 16 |
| L5000E 6775N | | 0.40 | <0.005 | | | | 0.7 | 1.62 | 22 | <10 | 30 | 0.8 | <2 | 0.09 | <0.5 | 4 |
| L5000E 6800N | | 0.34 | 0.014 | | | | 0.4 | 0.86 | 4 | <10 | 20 | <0.5 | <2 | 0.10 | <0.5 | 2 |
| L5000E 6825N | | 0.32 | 0.007 | | | | <0.2 | 2.28 | 9 | <10 | 30 | 0.6 | 2 | 0.07 | <0.5 | 4 |
| L5000E 6850N | | 0.50 | 0.016 | | | | 0.3 | 5.24 | 20 | <10 | 30 | 1.0 | <2 | 0.25 | <0.5 | 37 |
| L5000E 6850ND | | 0.48 | 0.013 | | | | 0.4 | 4.85 | 17 | <10 | 30 | 1.0 | <2 | 0.23 | <0.5 | 32 |
| L5000E 6875N | | 0.46 | 0.005 | | | | <0.2 | 2.47 | 19 | <10 | 30 | 1.2 | <2 | 0.11 | <0.5 | 8 |
| L5000E 6900N | | 0.34 | 0.007 | | | | 0.3 | 2.37 | 14 | <10 | 30 | 0.5 | <2 | 0.10 | <0.5 | 8 |
| L5000E 6925N | | 0.36 | 0.051 | | | | <0.2 | 1.49 | 6 | <10 | 30 | <0.5 | 2 | 0.19 | <0.5 | 3 |
| L5000E 6950N | | 0.38 | 0.086 | | | | 0.7 | 2.09 | 6 | <10 | 20 | <0.5 | <2 | 0.37 | <0.5 | 9 |
| L5000E 6975N | | 0.28 | 0.261 | | | | 0.6 | 1.83 | 27 | <10 | 20 | 0.5 | <2 | 0.21 | <0.5 | 4 |
| L5000E 7000N | | 0.40 | 0.377 | | | | 2.4 | 3.35 | 32 | <10 | 20 | 1.1 | <2 | 0.19 | <0.5 | 6 |
| L5000E 7000NB | | 0.06 | <0.005 | | | | <0.2 | 0.01 | 5 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | <1 |
| L6500N 4475E | | 0.26 | 0.005 | | | | 0.4 | 4.06 | 13 | <10 | 60 | 0.6 | 3 | 0.17 | <0.5 | 12 |
| L6500N 4500E | | 0.22 | <0.005 | | | | 0.2 | 0.90 | <2 | <10 | 40 | <0.5 | <2 | 0.13 | <0.5 | 1 |
| L6500N 4525E | | 0.22 | <0.005 | | | | 0.3 | 3.23 | 5 | <10 | 40 | 0.7 | 2 | 0.13 | <0.5 | 5 |
| L6500N 4550E | | 0.30 | 0.008 | | | | <0.2 | 1.22 | <2 | <10 | 30 | <0.5 | <2 | 0.25 | <0.5 | 8 |

Comments: NSS is non-sufficient sample.

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S |
| | Units | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % |
| | LOR | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 |
| L5000E 6200N | | 110 | 144 | 5.81 | 10 | 1 | 0.37 | <10 | 2.38 | 1185 | 3 | 0.02 | 37 | 1170 | 22 | 0.05 |
| L5000E 6225N | | 74 | 23 | 3.63 | <10 | <1 | 0.21 | 10 | 2.06 | 549 | 1 | 0.02 | 28 | 1330 | 2 | <0.01 |
| L5000E 6250N | | 71 | 27 | 4.33 | 10 | <1 | 0.31 | 10 | 1.63 | 1085 | 1 | 0.05 | 25 | 710 | 2 | 0.03 |
| L5000E 6275N | | 125 | 162 | 7.08 | 10 | 2 | 0.80 | <10 | 3.19 | 1150 | 1 | 0.02 | 35 | 950 | 2 | 0.02 |
| L5000E 6275ND | | 128 | 165 | 7.27 | 10 | 2 | 1.02 | <10 | 3.42 | 1295 | 1 | 0.03 | 34 | 1210 | <2 | 0.02 |
| L5000E 6300N | | 38 | 56 | 5.75 | 10 | 1 | 0.57 | <10 | 2.70 | 1230 | 1 | 0.04 | 15 | 770 | <2 | 0.02 |
| L5000E 6325N | | 33 | 15 | 2.77 | 10 | 1 | 0.06 | 10 | 0.92 | 412 | 1 | 0.03 | 11 | 480 | 5 | <0.01 |
| L5000E 6350N | | 67 | 86 | 5.54 | 10 | 1 | 0.26 | 10 | 2.01 | 885 | 1 | 0.04 | 21 | 570 | 2 | 0.04 |
| L5000E 6375N | | 12 | 37 | 5.16 | 10 | <1 | 0.14 | 10 | 0.48 | 366 | 7 | 0.01 | 3 | 670 | 7 | 0.07 |
| L5000E 6400N | | 9 | 47 | 4.03 | 10 | <1 | 0.17 | 20 | 0.32 | 418 | 5 | 0.06 | 5 | 660 | 7 | 0.06 |
| L5000E 6425N | | 71 | 7 | 5.32 | 10 | 1 | 1.04 | 10 | 3.34 | 1460 | <1 | 0.03 | 30 | 1370 | <2 | <0.01 |
| L5000E 6450N | | 23 | 27 | 4.04 | 10 | <1 | 0.04 | 10 | 0.54 | 281 | 1 | 0.01 | 12 | 570 | 5 | 0.03 |
| L5000E 6475N | | 22 | 53 | 5.16 | 10 | 1 | 0.08 | 10 | 0.67 | 541 | 1 | 0.02 | 13 | 750 | 6 | 0.05 |
| L5000E 6500N | | 16 | 81 | 5.49 | 10 | 1 | 0.26 | 10 | 1.17 | 503 | 1 | 0.01 | 12 | 530 | 2 | 0.02 |
| L5000E 6525N | | 5 | 84 | 5.39 | 10 | <1 | 0.23 | 10 | 0.32 | 660 | 24 | 0.02 | 1 | 990 | 23 | 0.04 |
| L5000E 6550N | | 8 | 152 | 4.77 | 10 | 1 | 0.49 | 20 | 0.88 | 1670 | 1 | 0.04 | 9 | 1610 | 41 | 0.13 |
| L5000E 6575N | | 27 | 53 | 4.72 | 10 | <1 | 0.06 | 20 | 0.75 | 364 | 3 | 0.01 | 18 | 730 | 9 | 0.03 |
| L5000E 6600N | | 23 | 52 | 5.46 | 10 | 1 | 0.07 | 10 | 0.70 | 604 | 1 | 0.01 | 15 | 660 | 7 | 0.03 |
| L5000E 6625N | | 20 | 15 | 4.26 | 10 | <1 | 0.04 | 10 | 0.51 | 229 | 1 | 0.01 | 9 | 620 | 4 | 0.03 |
| L5000E 6650N | | 18 | 10 | 3.45 | 10 | <1 | 0.07 | 10 | 0.31 | 545 | 2 | 0.01 | 6 | 600 | 8 | 0.03 |
| L5000E 6675N | | 27 | 143 | 7.36 | 10 | 1 | 0.14 | 10 | 1.19 | 761 | 2 | 0.02 | 10 | 960 | 8 | 0.04 |
| L5000E 6700N | | 33 | 102 | 4.75 | 10 | <1 | 0.07 | 10 | 0.70 | 687 | 3 | 0.01 | 18 | 690 | 8 | 0.02 |
| L5000E 6725N | | 21 | 12 | 3.55 | 10 | <1 | 0.06 | 10 | 0.33 | 178 | 2 | 0.01 | 6 | 760 | 14 | 0.01 |
| L5000E 6750N | | 77 | 122 | 9.59 | 10 | <1 | 0.06 | 10 | 1.43 | 562 | 3 | 0.01 | 22 | 680 | 13 | 0.03 |
| L5000E 6775N | | 16 | 15 | 4.08 | 10 | <1 | 0.04 | 10 | 0.26 | 365 | 3 | 0.02 | 5 | 960 | 5 | 0.01 |
| L5000E 6800N | | 11 | 6 | 1.08 | 10 | <1 | 0.05 | 10 | 0.17 | 91 | 1 | 0.01 | 3 | 420 | 13 | <0.01 |
| L5000E 6825N | | 27 | 16 | 5.17 | 10 | <1 | 0.04 | 10 | 0.34 | 307 | 2 | 0.01 | 7 | 820 | 5 | 0.02 |
| L5000E 6850N | | 81 | 413 | 9.55 | 10 | 2 | 0.27 | <10 | 2.42 | 663 | 3 | 0.01 | 30 | 1060 | 3 | 0.05 |
| L5000E 6850ND | | 78 | 370 | 8.88 | 10 | 1 | 0.25 | 10 | 2.20 | 600 | 3 | 0.01 | 26 | 1010 | 2 | 0.05 |
| L5000E 6875N | | 37 | 36 | 7.42 | 10 | 1 | 0.03 | 20 | 0.46 | 669 | 2 | 0.01 | 11 | 610 | 8 | 0.01 |
| L5000E 6900N | | 71 | 36 | 6.89 | 10 | <1 | 0.05 | 10 | 0.74 | 646 | 2 | 0.01 | 22 | 480 | 16 | 0.01 |
| L5000E 6925N | | 48 | 355 | 2.90 | 10 | 1 | 0.17 | 10 | 0.49 | 120 | 1 | 0.02 | 10 | 670 | 7 | 0.01 |
| L5000E 6950N | | 88 | 163 | 3.12 | 10 | 1 | 0.30 | <10 | 1.27 | 236 | 4 | 0.02 | 30 | 820 | 4 | <0.01 |
| L5000E 6975N | | 7 | 206 | 3.90 | 10 | 1 | 0.03 | 10 | 0.58 | 251 | 4 | 0.01 | 6 | 790 | 4 | 0.02 |
| L5000E 7000N | | 49 | 538 | 5.01 | 10 | <1 | 0.08 | 10 | 1.23 | 394 | 1 | 0.01 | 9 | 1180 | 12 | 0.01 |
| L5000E 7000NB | | <1 | 1 | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | <1 | 10 | <2 | <0.01 |
| L6500N 4475E | | 42 | 68 | 6.04 | 10 | <1 | 0.12 | 10 | 1.31 | 709 | 1 | 0.02 | 9 | 750 | 10 | 0.06 |
| L6500N 4500E | | 6 | 18 | 1.20 | <10 | 1 | 0.05 | 10 | 0.06 | 55 | <1 | 0.04 | 2 | 1130 | 2 | 0.10 |
| L6500N 4525E | | 26 | 40 | 5.59 | 10 | 1 | 0.05 | 10 | 0.85 | 457 | 1 | 0.04 | 3 | 580 | 6 | 0.07 |
| L6500N 4550E | | 12 | 16 | 2.83 | 10 | <1 | 0.07 | <10 | 0.72 | 394 | <1 | 0.04 | 5 | 450 | 4 | 0.03 |

Comments: NSS is non-sufficient sample.

# ALS Chemex

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| | LOR | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| L5000E 6200N | | <2 | 4 | 37 | 0.21 | <10 | <10 | 165 | <10 | 149 | |
| L5000E 6225N | | <2 | 3 | 50 | 0.21 | <10 | <10 | 136 | <10 | 68 | |
| L5000E 6250N | | <2 | 3 | 30 | 0.20 | <10 | <10 | 167 | <10 | 91 | |
| L5000E 6275N | | 2 | 9 | 24 | 0.29 | <10 | <10 | 339 | <10 | 108 | |
| L5000E 6275ND | | 2 | 11 | 25 | 0.30 | <10 | <10 | 348 | <10 | 112 | |
| L5000E 6300N | | 3 | 5 | 37 | 0.30 | <10 | <10 | 204 | <10 | 136 | |
| L5000E 6325N | | <2 | 2 | 26 | 0.31 | <10 | <10 | 116 | <10 | 44 | |
| L5000E 6350N | | 3 | 4 | 22 | 0.31 | <10 | <10 | 156 | <10 | 85 | |
| L5000E 6375N | | 2 | 2 | 29 | 0.26 | <10 | <10 | 136 | <10 | 32 | |
| L5000E 6400N | | <2 | 1 | 9 | 0.16 | <10 | <10 | 107 | <10 | 35 | |
| L5000E 6425N | | <2 | 8 | 40 | 0.33 | <10 | <10 | 168 | <10 | 100 | |
| L5000E 6450N | | 2 | 2 | 11 | 0.06 | <10 | <10 | 74 | <10 | 47 | |
| L5000E 6475N | | 4 | 2 | 10 | 0.08 | <10 | <10 | 95 | <10 | 53 | |
| L5000E 6500N | | 2 | 4 | 11 | 0.10 | <10 | <10 | 112 | <10 | 56 | |
| L5000E 6525N | | 5 | 1 | 8 | 0.13 | <10 | <10 | 132 | <10 | 136 | |
| L5000E 6550N | | <2 | 3 | 73 | 0.13 | <10 | <10 | 168 | <10 | 210 | |
| L5000E 6575N | | <2 | 3 | 19 | 0.08 | <10 | <10 | 61 | <10 | 84 | |
| L5000E 6600N | | 2 | 2 | 9 | 0.09 | <10 | <10 | 72 | <10 | 72 | |
| L5000E 6625N | | <2 | 1 | 11 | 0.07 | <10 | <10 | 70 | <10 | 52 | |
| L5000E 6650N | | 2 | 1 | 10 | 0.12 | <10 | <10 | 67 | <10 | 35 | |
| L5000E 6675N | | 3 | 9 | 8 | 0.20 | <10 | <10 | 267 | <10 | 40 | |
| L5000E 6700N | | <2 | 2 | 13 | 0.08 | <10 | <10 | 90 | <10 | 61 | |
| L5000E 6725N | | <2 | 2 | 12 | 0.19 | <10 | <10 | 80 | <10 | 29 | |
| L5000E 6750N | | <2 | 8 | 6 | 0.09 | <10 | <10 | 202 | <10 | 50 | |
| L5000E 6775N | | 2 | 1 | 9 | 0.12 | <10 | <10 | 77 | <10 | 35 | |
| L5000E 6800N | | <2 | 1 | 12 | 0.17 | <10 | <10 | 38 | <10 | 15 | |
| L5000E 6825N | | <2 | 1 | 7 | 0.12 | <10 | <10 | 96 | <10 | 33 | |
| L5000E 6850N | | 3 | 4 | 12 | 0.24 | <10 | <10 | 151 | <10 | 59 | |
| L5000E 6850ND | | 3 | 3 | 11 | 0.24 | <10 | <10 | 145 | <10 | 55 | |
| L5000E 6875N | | 2 | 3 | 10 | 0.21 | <10 | <10 | 103 | <10 | 49 | |
| L5000E 6900N | | <2 | 3 | 11 | 0.18 | <10 | <10 | 99 | <10 | 53 | |
| L5000E 6925N | | <2 | 1 | 21 | 0.28 | <10 | <10 | 109 | <10 | 16 | |
| L5000E 6950N | | <2 | 2 | 19 | 0.31 | <10 | <10 | 108 | <10 | 31 | |
| L5000E 6975N | | <2 | 2 | 9 | 0.14 | <10 | <10 | 128 | <10 | 37 | |
| L5000E 7000N | | 3 | 9 | 5 | 0.10 | <10 | <10 | 295 | <10 | 44 | |
| L5000E 7000NB | | <2 | <1 | 1 | <0.01 | <10 | <10 | <1 | <10 | 4 | |
| L6500N 4475E | | 4 | 4 | 40 | 0.23 | <10 | <10 | 156 | <10 | 57 | |
| L6500N 4500E | | <2 | <1 | 14 | 0.06 | <10 | <10 | 18 | <10 | 13 | |
| L6500N 4525E | | 2 | 4 | 14 | 0.21 | <10 | <10 | 121 | <10 | 35 | |
| L6500N 4550E | | <2 | 2 | 29 | 0.24 | <10 | <10 | 78 | <10 | 34 | |

Comments: NSS is non-sufficient sample.

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212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com


To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-AA23 Au Check ppm 0.005 | Au-GRA21 Au ppm 0.05 | Au-GRA21 Au Check ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L6500N 4575E | | 0.28 | <0.005 | | | | <0.2 | 1.29 | 3 | <10 | 40 | <0.5 | 2 | 0.29 | <0.5 | 7 |
| L6500N 4600E | | 0.36 | <0.005 | | | | 0.6 | 1.22 | 2 | <10 | 40 | <0.5 | 2 | 0.09 | <0.5 | 2 |
| L6500N 4625E | | 0.28 | <0.005 | | | | <0.2 | 2.55 | 11 | <10 | 50 | 0.7 | 3 | 0.13 | <0.5 | 9 |
| L6500N 4650E | | 0.36 | 0.006 | | | | 0.4 | 2.58 | 12 | <10 | 60 | 0.6 | 2 | 0.16 | <0.5 | 10 |
| L6500N 4675E | | 0.34 | 0.006 | | | | 0.5 | 3.10 | 4 | <10 | 70 | <0.5 | 3 | 0.27 | <0.5 | 16 |
| L6500N 4700E | | 0.26 | 0.020 | | | | 0.5 | 2.40 | 11 | <10 | 50 | 0.7 | <2 | 0.11 | <0.5 | 8 |
| L6500N 4700ED | | 0.26 | NSS | | | | 0.5 | 2.40 | 15 | <10 | 60 | 0.6 | 2 | 0.11 | <0.5 | 8 |
| L6500N 4725E | | 0.30 | 0.011 | | | | 0.5 | 3.60 | 8 | <10 | 60 | 0.8 | 2 | 0.34 | <0.5 | 23 |
| L6500N 4750E | | 0.28 | 0.012 | | | | 0.2 | 3.42 | 109 | <10 | 130 | 1.0 | 2 | 0.31 | <0.5 | 34 |
| L6500N 4775E | | 0.34 | 0.006 | | | | 0.3 | 4.16 | 29 | <10 | 60 | 0.5 | 3 | 0.43 | <0.5 | 40 |
| L6500N 4800E | | 0.28 | <0.005 | | | | 0.3 | 2.41 | 3 | <10 | 30 | <0.5 | <2 | 0.26 | <0.5 | 16 |
| L6500N 4825E | | 0.26 | 0.005 | | | | <0.2 | 4.11 | 15 | <10 | 120 | 0.6 | 3 | 0.59 | <0.5 | 31 |
| L6500N 4850E | | 0.26 | <0.005 | | | | 0.2 | 3.39 | <2 | <10 | 40 | <0.5 | 2 | 0.15 | <0.5 | 21 |
| L6500N 4875E | | 0.28 | 0.006 | | | | 0.3 | 2.20 | 6 | <10 | 50 | <0.5 | <2 | 0.25 | <0.5 | 8 |
| L6500N 4900E | | 0.38 | 0.057 | | | | 0.3 | 2.91 | 9 | <10 | 60 | 0.8 | 2 | 0.12 | <0.5 | 11 |
| L6500N 4925E | | 0.28 | <0.005 | | | | 0.2 | 3.20 | 4 | <10 | 80 | 0.7 | 2 | 0.14 | <0.5 | 9 |
| L6500N 4950E | | 0.32 | 0.006 | | | | 0.2 | 3.24 | <2 | <10 | 110 | 1.0 | <2 | 0.18 | <0.5 | 11 |
| L6500N 4975E | | 0.32 | 0.005 | | | | 0.3 | 2.67 | 5 | 10 | 90 | 0.7 | <2 | 0.13 | <0.5 | 11 |
| L6600N 4425E | | 0.24 | 0.012 | | | | 0.2 | 3.36 | 22 | <10 | 70 | <0.5 | 2 | 0.31 | <0.5 | 11 |
| L6600N 4450E | | 0.38 | 0.029 | | | | <0.2 | 3.96 | 23 | <10 | 90 | 0.5 | 2 | 0.41 | <0.5 | 11 |
| L6600N 4475E | | 0.32 | 0.038 | | | | <0.2 | 3.49 | 11 | <10 | 130 | <0.5 | 2 | 0.80 | <0.5 | 19 |
| L6600N 4500E | | 0.24 | 0.018 | | | | 0.3 | 1.85 | 13 | <10 | 60 | <0.5 | <2 | 0.17 | <0.5 | 5 |
| L6600N 4525E | | 0.22 | <0.005 | | | | <0.2 | 0.45 | 2 | <10 | 30 | <0.5 | <2 | 0.16 | <0.5 | 2 |
| L6600N 4550E | | 0.28 | <0.005 | | | | 0.3 | 3.91 | 7 | <10 | 70 | 0.7 | 2 | 0.18 | <0.5 | 12 |
| L6600N 4575E | | 0.26 | 0.005 | | | | 0.3 | 0.94 | <2 | <10 | 10 | 0.5 | <2 | 0.09 | <0.5 | 1 |
| L6600N 4600E | | 0.32 | <0.005 | | | | <0.2 | 3.35 | <2 | <10 | 80 | <0.5 | 3 | 0.22 | <0.5 | 10 |
| L6600N 4625E | | 0.24 | 0.011 | | | | <0.2 | 1.12 | 6 | <10 | 50 | <0.5 | 2 | 0.19 | <0.5 | 3 |
| L6600N 4650E | | 0.36 | <0.005 | | | | 0.2 | 4.00 | 7 | <10 | 60 | 0.7 | 3 | 0.66 | <0.5 | 33 |
| L6600N 4675E | | 0.38 | <0.005 | | | | <0.2 | 3.12 | 5 | <10 | 120 | 0.5 | <2 | 1.01 | <0.5 | 32 |
| L6600N 4700E | | 0.26 | <0.005 | | | | <0.2 | 2.73 | <2 | <10 | 50 | 1.2 | 2 | 0.43 | <0.5 | 17 |
| L6600N 4725E | | 0.32 | 0.008 | | | | <0.2 | 3.13 | 7 | <10 | 160 | 0.7 | <2 | 1.11 | <0.5 | 28 |
| L6600N 4725EB | | 0.04 | <0.005 | | | | <0.2 | 0.02 | 2 | <10 | 10 | <0.5 | <2 | 0.01 | <0.5 | <1 |
| L6600N 4750E | | 0.44 | 0.006 | | | | <0.2 | 1.78 | 16 | <10 | 40 | 0.5 | <2 | 0.12 | <0.5 | 6 |
| L6600N 4775E | | 0.44 | 0.015 | | | | 0.2 | 2.48 | 30 | <10 | 60 | 0.8 | <2 | 0.05 | <0.5 | 14 |
| L6600N 4800E | | 0.42 | <0.005 | | | | <0.2 | 3.01 | 11 | <10 | 40 | 1.1 | <2 | 0.15 | <0.5 | 8 |
| L6600N 4825E | | 0.36 | 0.011 | | | | 0.6 | 2.11 | 7 | <10 | 50 | 0.6 | 2 | 0.08 | <0.5 | 8 |
| L6600N 4850E | | 0.42 | 0.008 | | | | <0.2 | 2.54 | 9 | <10 | 40 | 0.7 | <2 | 0.10 | <0.5 | 9 |
| L6600N 4875E | | 0.36 | <0.005 | | | | 0.4 | 1.88 | 9 | <10 | 60 | 0.7 | <2 | 0.08 | <0.5 | 9 |
| L6600N 4900E | | 0.36 | <0.005 | | | | <0.2 | 2.09 | <2 | <10 | 50 | <0.5 | <2 | 0.17 | <0.5 | 9 |
| L6600N 4925E | | 0.32 | 0.008 | | | | <0.2 | 2.06 | 15 | <10 | 50 | 0.5 | <2 | 0.15 | <0.5 | 10 |

Comments: NSS is non-sufficient sample.

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**VANCOUVER BC V6C 1G8**


**Finalized Date: 12-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S |
| | Units | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % |
| | LOR | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 |
| L6500N 4575E | | 10 | 7 | 2.77 | 10 | <1 | 0.11 | <10 | 0.72 | 262 | <1 | 0.03 | 5 | 400 | 5 | 0.02 |
| L6500N 4600E | | 11 | 17 | 1.81 | 10 | <1 | 0.07 | 10 | 0.28 | 156 | 1 | 0.02 | 4 | 550 | 16 | 0.04 |
| L6500N 4625E | | 22 | 50 | 6.82 | 10 | <1 | 0.09 | 10 | 0.81 | 478 | 1 | 0.02 | 10 | 530 | 7 | 0.03 |
| L6500N 4650E | | 40 | 80 | 5.68 | 10 | <1 | 0.10 | 10 | 1.06 | 551 | 1 | 0.01 | 21 | 700 | 8 | 0.03 |
| L6500N 4675E | | 131 | 53 | 4.45 | 10 | <1 | 0.17 | <10 | 1.85 | 410 | <1 | 0.02 | 43 | 530 | 3 | 0.03 |
| L6500N 4700E | | 24 | 34 | 5.50 | 10 | <1 | 0.03 | 10 | 0.40 | 635 | 2 | 0.02 | 9 | 650 | 9 | 0.05 |
| L6500N 4700ED | | 26 | 36 | 6.01 | 10 | <1 | 0.03 | 10 | 0.44 | 735 | 2 | 0.02 | 9 | 620 | 8 | 0.04 |
| L6500N 4725E | | 32 | 34 | 5.06 | 10 | <1 | 0.23 | 10 | 2.04 | 1095 | <1 | 0.03 | 12 | 980 | 6 | 0.04 |
| L6500N 4750E | | 118 | 44 | 7.08 | 10 | 1 | 0.27 | 10 | 2.37 | 2410 | 2 | 0.04 | 22 | 2020 | 17 | 0.08 |
| L6500N 4775E | | 140 | 71 | 6.54 | 10 | 1 | 0.31 | 10 | 2.95 | 1160 | <1 | 0.01 | 45 | 1160 | 5 | 0.02 |
| L6500N 4800E | | 73 | 9 | 4.27 | 10 | 1 | 0.06 | <10 | 1.71 | 348 | <1 | 0.02 | 25 | 770 | 4 | 0.03 |
| L6500N 4825E | | 104 | 33 | 5.28 | 10 | <1 | 0.57 | 10 | 3.31 | 849 | <1 | 0.02 | 46 | 1260 | 2 | 0.01 |
| L6500N 4850E | | 86 | 13 | 5.19 | 10 | <1 | 0.16 | <10 | 2.41 | 875 | <1 | 0.02 | 28 | 660 | 3 | 0.02 |
| L6500N 4875E | | 27 | 36 | 3.94 | 10 | <1 | 0.05 | 10 | 0.91 | 322 | <1 | 0.01 | 18 | 1320 | 6 | 0.02 |
| L6500N 4900E | | 27 | 36 | 4.87 | 10 | <1 | 0.05 | 10 | 0.78 | 654 | 1 | 0.01 | 18 | 780 | 10 | 0.04 |
| L6500N 4925E | | 21 | 53 | 4.96 | 10 | <1 | 0.11 | 10 | 0.74 | 736 | 1 | 0.02 | 9 | 860 | 6 | 0.05 |
| L6500N 4950E | | 9 | 47 | 5.40 | 10 | <1 | 0.65 | 10 | 2.01 | 773 | <1 | 0.03 | 6 | 890 | 4 | 0.06 |
| L6500N 4975E | | 21 | 47 | 5.03 | 10 | <1 | 0.06 | 10 | 0.76 | 848 | 4 | 0.02 | 12 | 760 | 7 | 0.06 |
| L6600N 4425E | | 20 | 85 | 4.86 | 10 | <1 | 0.21 | 10 | 1.30 | 701 | <1 | 0.03 | 7 | 1000 | 5 | 0.07 |
| L6600N 4450E | | 18 | 137 | 5.94 | 10 | 1 | 0.26 | 10 | 1.89 | 790 | <1 | 0.03 | 6 | 970 | 3 | 0.03 |
| L6600N 4475E | | 21 | 137 | 6.41 | 10 | <1 | 0.47 | <10 | 1.92 | 1470 | 1 | 0.04 | 6 | 1570 | 5 | 0.05 |
| L6600N 4500E | | 23 | 19 | 3.74 | 10 | <1 | 0.13 | 10 | 0.98 | 401 | 1 | 0.03 | 8 | 670 | 7 | 0.04 |
| L6600N 4525E | | 11 | 4 | 0.77 | <10 | <1 | 0.08 | <10 | 0.15 | 79 | <1 | 0.03 | 2 | 750 | 2 | 0.05 |
| L6600N 4550E | | 16 | 99 | 5.80 | 10 | <1 | 0.29 | <10 | 1.68 | 806 | <1 | 0.02 | 7 | 420 | 4 | 0.03 |
| L6600N 4575E | | 6 | 9 | 0.86 | 10 | 1 | 0.06 | 10 | 0.06 | 60 | 1 | 0.06 | <1 | 720 | 2 | 0.05 |
| L6600N 4600E | | 36 | 51 | 5.99 | 10 | <1 | 0.10 | 10 | 1.05 | 331 | <1 | 0.02 | 11 | 420 | 2 | 0.04 |
| L6600N 4625E | | 9 | 14 | 2.09 | 10 | <1 | 0.11 | 10 | 0.36 | 149 | 1 | 0.04 | 3 | 490 | 7 | 0.04 |
| L6600N 4650E | | 69 | 105 | 6.59 | 10 | <1 | 0.25 | 10 | 3.25 | 1725 | <1 | 0.02 | 26 | 1840 | 3 | 0.03 |
| L6600N 4675E | | 99 | 133 | 5.31 | 10 | <1 | 0.53 | 10 | 3.20 | 955 | <1 | 0.03 | 34 | 1390 | <2 | 0.03 |
| L6600N 4700E | | 49 | 75 | 4.56 | 10 | <1 | 0.17 | 10 | 1.81 | 899 | 1 | 0.09 | 17 | 1090 | 7 | 0.06 |
| L6600N 4725E | | 60 | 68 | 4.72 | 10 | <1 | 0.35 | <10 | 3.08 | 2030 | <1 | 0.02 | 26 | 1460 | 17 | 0.05 |
| L6600N 4725EB | | <1 | 1 | 0.03 | <10 | <1 | <0.01 | <10 | 0.01 | 5 | <1 | <0.01 | <1 | 10 | <2 | 0.01 |
| L6600N 4750E | | 19 | 20 | 3.85 | 10 | <1 | 0.06 | 10 | 0.52 | 361 | 3 | 0.01 | 10 | 1220 | 10 | 0.05 |
| L6600N 4775E | | 10 | 80 | 5.57 | 10 | <1 | 0.16 | 10 | 0.73 | 1615 | 1 | 0.01 | 7 | 670 | 14 | 0.04 |
| L6600N 4800E | | 15 | 77 | 5.08 | 10 | <1 | 0.39 | 10 | 1.42 | 804 | 2 | 0.01 | 6 | 470 | 8 | 0.03 |
| L6600N 4825E | | 23 | 17 | 4.18 | 10 | 1 | 0.05 | 10 | 0.37 | 815 | 2 | 0.02 | 8 | 540 | 9 | 0.05 |
| L6600N 4850E | | 25 | 32 | 5.93 | 10 | 1 | 0.04 | 20 | 0.75 | 482 | 1 | 0.01 | 15 | 480 | 5 | 0.05 |
| L6600N 4875E | | 13 | 42 | 3.95 | 10 | <1 | 0.08 | 10 | 0.50 | 1760 | 2 | 0.03 | 7 | 620 | 9 | 0.05 |
| L6600N 4900E | | 8 | 54 | 3.85 | 10 | <1 | 0.17 | 10 | 0.89 | 289 | 1 | 0.02 | 6 | 1070 | 4 | 0.05 |
| L6600N 4925E | | 26 | 38 | 5.73 | 10 | 1 | 0.05 | 10 | 0.75 | 576 | 2 | 0.01 | 14 | 550 | 6 | 0.04 |

Comments: NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| | LOR | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| L6500N 4575E | | <2 | 3 | 28 | 0.28 | <10 | <10 | 74 | <10 | 34 | |
| L6500N 4600E | | 2 | 1 | 18 | 0.24 | <10 | <10 | 59 | <10 | 25 | |
| L6500N 4625E | | 3 | 3 | 12 | 0.23 | <10 | <10 | 138 | <10 | 51 | |
| L6500N 4650E | | 2 | 5 | 15 | 0.13 | <10 | <10 | 90 | <10 | 67 | |
| L6500N 4675E | | <2 | 3 | 19 | 0.43 | <10 | <10 | 129 | <10 | 51 | |
| L6500N 4700E | | 3 | 2 | 10 | 0.09 | <10 | <10 | 68 | <10 | 45 | |
| L6500N 4700ED | | <2 | 2 | 11 | 0.09 | <10 | <10 | 78 | <10 | 47 | |
| L6500N 4725E | | 2 | 4 | 69 | 0.18 | <10 | <10 | 132 | <10 | 122 | |
| L6500N 4750E | | 5 | 5 | 18 | 0.09 | <10 | <10 | 204 | <10 | 97 | |
| L6500N 4775E | | 2 | 8 | 56 | 0.22 | <10 | <10 | 167 | <10 | 73 | |
| L6500N 4800E | | 2 | 2 | 40 | 0.18 | <10 | <10 | 140 | <10 | 57 | |
| L6500N 4825E | | <2 | 7 | 93 | 0.25 | <10 | <10 | 160 | <10 | 88 | |
| L6500N 4850E | | 2 | 5 | 28 | 0.21 | <10 | <10 | 137 | <10 | 99 | |
| L6500N 4875E | | 3 | 2 | 21 | 0.07 | <10 | <10 | 50 | <10 | 58 | |
| L6500N 4900E | | 2 | 2 | 13 | 0.08 | <10 | <10 | 59 | <10 | 67 | |
| L6500N 4925E | | 2 | 2 | 16 | 0.11 | <10 | <10 | 83 | <10 | 60 | |
| L6500N 4950E | | <2 | 3 | 16 | 0.21 | <10 | <10 | 125 | <10 | 62 | |
| L6500N 4975E | | 3 | 2 | 11 | 0.06 | <10 | <10 | 71 | <10 | 57 | |
| L6600N 4425E | | <2 | 4 | 51 | 0.16 | <10 | <10 | 131 | <10 | 56 | |
| L6600N 4450E | | <2 | 5 | 57 | 0.19 | <10 | <10 | 141 | <10 | 65 | |
| L6600N 4475E | | 3 | 4 | 116 | 0.18 | <10 | <10 | 193 | <10 | 81 | |
| L6600N 4500E | | <2 | 3 | 29 | 0.14 | <10 | <10 | 130 | <10 | 38 | |
| L6600N 4525E | | 2 | <1 | 20 | 0.06 | <10 | <10 | 22 | <10 | 13 | |
| L6600N 4550E | | 2 | 4 | 15 | 0.30 | <10 | <10 | 173 | <10 | 63 | |
| L6600N 4575E | | <2 | <1 | 9 | 0.08 | <10 | <10 | 18 | <10 | 12 | |
| L6600N 4600E | | <2 | 5 | 24 | 0.37 | <10 | <10 | 184 | <10 | 44 | |
| L6600N 4625E | | <2 | 2 | 49 | 0.37 | <10 | <10 | 119 | <10 | 21 | |
| L6600N 4650E | | <2 | 8 | 55 | 0.25 | <10 | <10 | 175 | <10 | 123 | |
| L6600N 4675E | | <2 | 6 | 58 | 0.34 | <10 | <10 | 187 | <10 | 90 | |
| L6600N 4700E | | <2 | 4 | 30 | 0.17 | <10 | <10 | 117 | <10 | 84 | |
| L6600N 4725E | | <2 | 5 | 63 | 0.19 | <10 | <10 | 149 | <10 | 103 | |
| L6600N 4725EB | | <2 | <1 | 1 | <0.01 | <10 | <10 | <1 | <10 | 3 | |
| L6600N 4750E | | <2 | 1 | 14 | 0.09 | <10 | <10 | 72 | <10 | 40 | |
| L6600N 4775E | | 2 | 2 | 8 | 0.09 | <10 | <10 | 170 | <10 | 84 | |
| L6600N 4800E | | 2 | 4 | 17 | 0.24 | <10 | <10 | 162 | <10 | 70 | |
| L6600N 4825E | | 3 | 1 | 11 | 0.10 | <10 | <10 | 79 | <10 | 46 | |
| L6600N 4850E | | 3 | 2 | 12 | 0.11 | <10 | <10 | 57 | <10 | 61 | |
| L6600N 4875E | | <2 | 1 | 10 | 0.10 | <10 | <10 | 78 | <10 | 40 | |
| L6600N 4900E | | <2 | 2 | 15 | 0.15 | <10 | <10 | 74 | <10 | 39 | |
| L6600N 4925E | | 2 | 2 | 13 | 0.10 | <10 | <10 | 84 | <10 | 61 | |

Comments: NSS is non-sufficient sample.

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**Finalized Date: 12-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | WEI-21 | Au-AA23 | Au-AA23 | Au-GRA21 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Au Check | Au | Au Check | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co |
| | Units | kg | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.02 | 0.005 | 0.005 | 0.05 | 0.05 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 |
| L6600N 4950E | | 0.40 | 0.007 | | | | 0.3 | 2.01 | 7 | <10 | 100 | 0.6 | <2 | 0.21 | <0.5 | 8 |
| L6600N 4975E | | 0.48 | 0.007 | | | | 0.7 | 2.37 | 9 | <10 | 50 | 0.7 | <2 | 0.10 | <0.5 | 6 |
| L6700N 4500E | | 0.40 | <0.005 | | | | <0.2 | 2.84 | 12 | <10 | 70 | 0.6 | <2 | 0.30 | <0.5 | 16 |
| L6700N 4500EB | | 0.06 | <0.005 | | | | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | <1 |
| L6700N 4525E | | 0.34 | 0.007 | | | | <0.2 | 3.07 | 12 | <10 | 60 | 0.9 | <2 | 0.29 | <0.5 | 11 |
| L6700N 4550E | | 0.34 | 0.006 | | | | <0.2 | 2.41 | <2 | <10 | 100 | 0.5 | <2 | 0.29 | <0.5 | 16 |
| L6700N 4575E | | 0.36 | <0.005 | | | | <0.2 | 2.30 | 7 | <10 | 80 | <0.5 | <2 | 0.26 | <0.5 | 11 |
| L6700N 4600E | | 0.30 | 0.006 | | | | 0.2 | 4.13 | 19 | <10 | 40 | 1.2 | <2 | 0.06 | <0.5 | 9 |
| L6700N 4625E | | 0.48 | 0.006 | | | | <0.2 | 3.63 | 10 | <10 | 100 | 0.7 | <2 | 0.48 | <0.5 | 25 |
| L6700N 4650E | | 0.40 | 0.005 | | | | <0.2 | 3.48 | 9 | <10 | 50 | 0.8 | <2 | 0.32 | <0.5 | 24 |
| L6700N 4650ED | | 0.40 | <0.005 | | | | <0.2 | 3.85 | 11 | <10 | 60 | 0.9 | 2 | 0.39 | <0.5 | 27 |
| L6700N 4675E | | 0.40 | 0.007 | | | | <0.2 | 2.60 | 9 | <10 | 110 | 0.7 | <2 | 0.10 | <0.5 | 7 |
| L6700N 4700E | | 0.44 | 0.010 | | | | <0.2 | 2.80 | 9 | <10 | 100 | 0.8 | <2 | 0.21 | <0.5 | 17 |
| L6700N 4725E | | 0.48 | 0.006 | | | | <0.2 | 2.97 | 8 | <10 | 80 | 1.0 | <2 | 0.47 | <0.5 | 20 |
| L6700N 4750E | | 0.42 | 0.006 | | | | <0.2 | 1.13 | 10 | <10 | 60 | 0.6 | <2 | 0.60 | <0.5 | 7 |
| L6700N 4775E | | 0.40 | <0.005 | | | | <0.2 | 1.90 | 10 | <10 | 60 | 1.2 | <2 | 0.17 | <0.5 | 11 |
| L6700N 4800E | | 0.40 | 0.011 | | | | 0.2 | 2.00 | 9 | <10 | 30 | 0.7 | <2 | 0.09 | <0.5 | 6 |
| L6700N 4825E | | 0.36 | <0.005 | | | | <0.2 | 0.73 | 2 | <10 | 30 | <0.5 | <2 | 0.09 | <0.5 | 2 |
| L6700N 4850E | | 0.40 | 0.006 | | | | 0.5 | 2.81 | 8 | <10 | 80 | 2.1 | <2 | 0.15 | <0.5 | 14 |
| L6700N 4875E | | 0.34 | <0.005 | | | | 0.2 | 1.45 | <2 | <10 | 60 | 0.8 | <2 | 0.10 | <0.5 | 6 |
| L6700N 4900E | | 0.42 | 0.014 | | | | 0.2 | 2.49 | 9 | <10 | 60 | 1.0 | <2 | 0.09 | <0.5 | 6 |
| L6700N 4925E | | 0.44 | <0.005 | | | | <0.2 | 2.67 | 30 | <10 | 100 | 0.9 | <2 | 0.59 | <0.5 | 43 |
| L6700N 4950E | | 0.42 | <0.005 | | | | <0.2 | 2.81 | 19 | <10 | 70 | 0.9 | <2 | 0.48 | <0.5 | 29 |
| L6700N 4975E | | 0.38 | 0.025 | | | | <0.2 | 3.70 | 309 | <10 | 200 | 1.3 | <2 | 0.39 | <0.5 | 32 |
| L6800N 4550E | | 0.32 | 0.189 | | | | <0.2 | 2.34 | 34 | <10 | 50 | 0.5 | <2 | 0.15 | <0.5 | 9 |
| L6800N 4550EB | | 0.06 | 0.008 | | | | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 |
| L6800N 4575E | | 0.42 | 0.022 | | | | 0.2 | 1.17 | 6 | <10 | 50 | <0.5 | <2 | 0.21 | <0.5 | 3 |
| L6800N 4600E | | 0.32 | 0.014 | | | | 0.2 | 2.25 | 14 | <10 | 90 | 0.6 | <2 | 0.14 | <0.5 | 11 |
| L6800N 4625E | | 0.42 | 0.018 | | | | 0.5 | 2.53 | 66 | <10 | 130 | 1.6 | 2 | 0.63 | 0.7 | 25 |
| L6800N 4650E | | 0.40 | 0.009 | | | | <0.2 | 2.03 | 8 | <10 | 80 | <0.5 | <2 | 0.17 | <0.5 | 12 |
| L6800N 4675E | | 0.50 | 0.009 | | | | 0.3 | 0.89 | 41 | <10 | 60 | 0.9 | <2 | 0.23 | <0.5 | 14 |
| L6800N 4700E | | 0.32 | 0.013 | | | | 0.5 | 1.27 | 9 | <10 | 50 | <0.5 | 2 | 0.03 | <0.5 | 3 |
| L6800N 4725E | | 0.44 | 0.010 | | | | <0.2 | 0.92 | 7 | <10 | 80 | 0.5 | 2 | 0.20 | <0.5 | 5 |
| L6800N 4750E | | 0.26 | 0.015 | | | | 0.6 | 1.77 | 12 | <10 | 90 | 1.4 | 2 | 0.33 | <0.5 | 8 |
| L6800N 4775E | | 0.48 | 0.019 | | | | <0.2 | 3.43 | 15 | <10 | 50 | 0.6 | <2 | 0.04 | <0.5 | 10 |
| L6800N 4775ED | | 0.44 | 0.016 | | | | <0.2 | 3.77 | 28 | <10 | 50 | 0.7 | <2 | 0.04 | <0.5 | 13 |
| L6800N 4800E | | 0.34 | 0.029 | | | | 0.4 | 1.94 | 44 | <10 | 100 | 1.4 | 2 | 0.47 | <0.5 | 24 |
| L6800N 4825E | | 0.42 | 0.076 | | | | 0.5 | 2.29 | 20 | <10 | 60 | <0.5 | 2 | 0.18 | <0.5 | 20 |
| L6800N 4850E | | 0.36 | 0.496 | | | | 0.7 | 1.41 | 45 | <10 | 230 | 1.1 | 2 | 0.24 | <0.5 | 103 |
| L6800N 4875E | | 0.50 | 0.073 | | | | 1.1 | 2.37 | 13 | <10 | 40 | 1.1 | <2 | 0.24 | <0.5 | 18 |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S |
| Sample Description Units | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % |
| LOR | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 |
| L6600N 4950E | 29 | 29 | 3.46 | 10 | 1 | 0.07 | 10 | 0.86 | 308 | 1 | 0.01 | 16 | 850 | 5 | 0.07 |
| L6600N 4975E | 25 | 33 | 4.55 | 10 | 1 | 0.06 | 20 | 0.64 | 304 | 2 | 0.02 | 12 | 910 | 10 | 0.07 |
| L6700N 4500E | 26 | 64 | 4.40 | 10 | <1 | 0.14 | 10 | 1.12 | 508 | 1 | 0.04 | 8 | 880 | 4 | 0.04 |
| L6700N 4500EB | <1 | 1 | 0.04 | <10 | <1 | <0.01 | <10 | 0.01 | <5 | <1 | 0.01 | <1 | 20 | <2 | 0.02 |
| L6700N 4525E | 19 | 118 | 5.62 | 10 | <1 | 0.09 | 10 | 1.17 | 646 | 2 | 0.02 | 5 | 980 | 2 | 0.04 |
| L6700N 4550E | 38 | 38 | 4.21 | 10 | 1 | 0.32 | <10 | 1.51 | 369 | 1 | 0.03 | 14 | 330 | 5 | 0.03 |
| L6700N 4575E | 44 | 55 | 4.60 | 10 | <1 | 0.12 | 10 | 1.03 | 217 | 1 | 0.02 | 12 | 300 | 6 | 0.03 |
| L6700N 4600E | 48 | 71 | 8.04 | 10 | 2 | 0.03 | 10 | 1.24 | 362 | 3 | 0.01 | 5 | 830 | 8 | 0.07 |
| L6700N 4625E | 106 | 63 | 5.64 | 10 | <1 | 0.17 | 10 | 2.45 | 2010 | 2 | 0.02 | 29 | 1400 | 11 | 0.05 |
| L6700N 4650E | 111 | 65 | 5.63 | 10 | 1 | 0.14 | <10 | 2.72 | 1070 | 1 | 0.03 | 29 | 940 | 2 | 0.04 |
| L6700N 4650ED | 121 | 76 | 6.34 | 10 | 1 | 0.14 | 10 | 3.00 | 1285 | 1 | 0.03 | 30 | 990 | 7 | 0.04 |
| L6700N 4675E | 17 | 56 | 3.90 | 10 | <1 | 0.15 | 10 | 0.93 | 273 | 2 | 0.02 | 6 | 1120 | 5 | 0.04 |
| L6700N 4700E | 41 | 91 | 5.00 | 10 | 1 | 0.18 | 10 | 1.53 | 1225 | 2 | 0.03 | 19 | 1270 | 10 | 0.06 |
| L6700N 4725E | 8 | 118 | 5.88 | 10 | 1 | 0.42 | 10 | 1.53 | 1815 | 1 | 0.02 | 7 | 1580 | 12 | 0.05 |
| L6700N 4750E | 6 | 50 | 2.25 | 10 | <1 | 0.12 | 10 | 0.32 | 409 | 2 | 0.04 | 3 | 1140 | 5 | 0.08 |
| L6700N 4775E | 13 | 34 | 4.41 | 10 | 1 | 0.13 | 10 | 0.56 | 815 | 2 | 0.04 | 6 | 1200 | 7 | 0.10 |
| L6700N 4800E | 30 | 25 | 5.05 | 10 | 1 | 0.06 | 10 | 0.41 | 345 | 3 | 0.02 | 10 | 580 | 12 | 0.06 |
| L6700N 4825E | 4 | 6 | 1.31 | 10 | <1 | 0.10 | 10 | 0.18 | 111 | 1 | 0.03 | 1 | 440 | 24 | 0.03 |
| L6700N 4850E | 13 | 96 | 5.00 | 10 | <1 | 0.23 | 20 | 0.80 | 1295 | 1 | 0.03 | 6 | 1120 | 10 | 0.06 |
| L6700N 4875E | 8 | 32 | 2.84 | 10 | <1 | 0.08 | 10 | 0.40 | 410 | 2 | 0.02 | 2 | 980 | 8 | 0.07 |
| L6700N 4900E | 13 | 68 | 5.54 | 10 | <1 | 0.13 | 10 | 0.48 | 234 | 1 | 0.01 | 5 | 470 | 26 | 0.03 |
| L6700N 4925E | 14 | 79 | 5.84 | 10 | <1 | 0.61 | 10 | 1.45 | 1000 | 1 | 0.03 | 12 | 1300 | 17 | 0.03 |
| L6700N 4950E | 11 | 141 | 5.37 | 10 | 1 | 0.33 | 10 | 1.21 | 884 | <1 | 0.02 | 9 | 1670 | 3 | 0.03 |
| L6700N 4975E | 15 | 76 | 7.35 | 10 | <1 | 0.56 | 20 | 1.91 | 1155 | 1 | 0.02 | 8 | 1850 | 5 | 0.02 |
| L6800N 4550E | 37 | 87 | 4.05 | 10 | <1 | 0.09 | 10 | 0.79 | 349 | 3 | 0.02 | 15 | 810 | 25 | 0.06 |
| L6800N 4550EB | <1 | 1 | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | 0.01 | <1 | 10 | <2 | 0.01 |
| L6800N 4575E | 10 | 19 | 1.78 | 10 | <1 | 0.12 | 10 | 0.25 | 107 | 2 | 0.02 | 2 | 570 | 7 | 0.06 |
| L6800N 4600E | 33 | 30 | 5.10 | 10 | 1 | 0.10 | 10 | 0.90 | 415 | 7 | 0.02 | 8 | 580 | 9 | 0.06 |
| L6800N 4625E | 49 | 155 | 5.85 | 10 | <1 | 0.29 | 20 | 1.29 | 2430 | 4 | 0.02 | 20 | 1270 | 26 | 0.06 |
| L6800N 4650E | 45 | 32 | 3.37 | 10 | <1 | 0.20 | <10 | 1.21 | 446 | 1 | 0.02 | 13 | 710 | 9 | 0.02 |
| L6800N 4675E | 3 | 117 | 4.70 | 10 | <1 | 0.12 | 10 | 0.18 | 939 | 3 | 0.03 | 5 | 1290 | 19 | 0.02 |
| L6800N 4700E | 4 | 41 | 2.79 | 10 | <1 | 0.10 | 10 | 0.12 | 222 | 4 | 0.01 | 3 | 500 | 5 | 0.02 |
| L6800N 4725E | 6 | 22 | 2.80 | 10 | <1 | 0.16 | 10 | 0.22 | 1210 | 4 | 0.05 | 2 | 530 | 14 | 0.01 |
| L6800N 4750E | 10 | 53 | 2.13 | 10 | 1 | 0.08 | 10 | 0.20 | 1345 | 2 | 0.06 | 6 | 1380 | 8 | 0.08 |
| L6800N 4775E | 108 | 52 | 7.24 | 10 | 1 | 0.10 | 10 | 1.94 | 458 | 9 | 0.02 | 32 | 480 | 5 | 0.03 |
| L6800N 4775ED | 132 | 69 | 8.04 | 10 | <1 | 0.11 | 10 | 2.18 | 453 | 10 | 0.01 | 36 | 540 | 7 | 0.03 |
| L6800N 4800E | 27 | 142 | 9.57 | 10 | <1 | 0.10 | 10 | 0.66 | 2130 | 3 | 0.02 | 17 | 1990 | 86 | 0.07 |
| L6800N 4825E | 10 | 512 | 9.03 | 10 | 1 | 0.32 | <10 | 1.23 | 565 | 12 | 0.01 | 6 | 2200 | 6 | 0.06 |
| L6800N 4850E | 7 | 910 | 6.83 | 10 | 1 | 0.12 | 10 | 0.51 | 6650 | 15 | 0.03 | 8 | 2890 | 16 | 0.13 |
| L6800N 4875E | 3 | 784 | 9.66 | 10 | <1 | 0.13 | 10 | 1.03 | 394 | 3 | 0.01 | 4 | 1580 | <2 | 0.04 |

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 12-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| | LOR | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| L6600N 4950E | | 2 | 2 | 16 | 0.07 | <10 | <10 | 67 | <10 | 56 | |
| L6600N 4975E | | <2 | 3 | 11 | 0.11 | <10 | <10 | 53 | <10 | 64 | |
| L6700N 4500E | | 2 | 4 | 21 | 0.31 | <10 | <10 | 140 | <10 | 59 | |
| L6700N 4500EB | | <2 | <1 | 1 | <0.01 | <10 | <10 | 1 | <10 | 5 | |
| L6700N 4525E | | 2 | 3 | 17 | 0.27 | <10 | <10 | 173 | <10 | 70 | |
| L6700N 4550E | | <2 | 2 | 20 | 0.37 | <10 | <10 | 124 | <10 | 52 | |
| L6700N 4575E | | <2 | 3 | 30 | 0.41 | <10 | <10 | 145 | <10 | 33 | |
| L6700N 4600E | | 2 | 11 | 6 | 0.05 | <10 | <10 | 205 | <10 | 44 | |
| L6700N 4625E | | 2 | 6 | 44 | 0.14 | <10 | <10 | 177 | <10 | 116 | |
| L6700N 4650E | | <2 | 8 | 32 | 0.17 | <10 | <10 | 170 | <10 | 72 | |
| L6700N 4650ED | | <2 | 9 | 39 | 0.18 | <10 | <10 | 199 | <10 | 81 | |
| L6700N 4675E | | 2 | 3 | 10 | 0.11 | <10 | <10 | 124 | <10 | 50 | |
| L6700N 4700E | | 2 | 4 | 19 | 0.16 | <10 | <10 | 158 | <10 | 77 | |
| L6700N 4725E | | 4 | 5 | 43 | 0.19 | <10 | <10 | 164 | <10 | 132 | |
| L6700N 4750E | | 2 | 1 | 45 | 0.07 | <10 | <10 | 76 | <10 | 58 | |
| L6700N 4775E | | <2 | 1 | 20 | 0.09 | <10 | <10 | 83 | <10 | 56 | |
| L6700N 4800E | | 2 | 2 | 13 | 0.14 | <10 | <10 | 79 | <10 | 36 | |
| L6700N 4825E | | <2 | 1 | 25 | 0.18 | <10 | <10 | 49 | <10 | 12 | |
| L6700N 4850E | | 2 | 4 | 23 | 0.19 | <10 | <10 | 190 | <10 | 158 | |
| L6700N 4875E | | <2 | 1 | 13 | 0.09 | <10 | <10 | 125 | <10 | 23 | |
| L6700N 4900E | | 2 | 2 | 13 | 0.19 | <10 | <10 | 176 | <10 | 150 | |
| L6700N 4925E | | 2 | 2 | 83 | 0.28 | <10 | <10 | 221 | <10 | 331 | |
| L6700N 4950E | | 2 | 4 | 65 | 0.28 | <10 | <10 | 207 | <10 | 37 | |
| L6700N 4975E | | <2 | 20 | 48 | 0.26 | <10 | <10 | 315 | <10 | 35 | |
| L6800N 4550E | | 2 | 3 | 12 | 0.14 | <10 | <10 | 114 | <10 | 45 | |
| L6800N 4550EB | | <2 | <1 | 1 | <0.01 | <10 | <10 | <1 | <10 | 3 | |
| L6800N 4575E | | <2 | 2 | 17 | 0.16 | <10 | <10 | 53 | <10 | 14 | |
| L6800N 4600E | | <2 | 4 | 12 | 0.18 | <10 | <10 | 167 | <10 | 43 | |
| L6800N 4625E | | 2 | 4 | 50 | 0.10 | <10 | <10 | 131 | <10 | 198 | |
| L6800N 4650E | | 2 | 3 | 11 | 0.06 | <10 | <10 | 97 | <10 | 59 | |
| L6800N 4675E | | 4 | 1 | 20 | 0.04 | <10 | <10 | 44 | <10 | 72 | |
| L6800N 4700E | | 3 | 1 | 4 | 0.03 | <10 | <10 | 80 | <10 | 41 | |
| L6800N 4725E | | 2 | 1 | 13 | 0.07 | <10 | <10 | 60 | <10 | 109 | |
| L6800N 4750E | | <2 | <1 | 27 | 0.03 | <10 | <10 | 30 | <10 | 41 | |
| L6800N 4775E | | 3 | 5 | 6 | 0.12 | <10 | <10 | 145 | <10 | 48 | |
| L6800N 4775ED | | <2 | 5 | 6 | 0.13 | <10 | <10 | 174 | <10 | 57 | |
| L6800N 4800E | | 6 | 3 | 32 | 0.07 | <10 | <10 | 163 | <10 | 180 | |
| L6800N 4825E | | 2 | 5 | 6 | 0.15 | <10 | <10 | 155 | <10 | 46 | |
| L6800N 4850E | | 3 | 1 | 23 | 0.05 | <10 | <10 | 112 | <10 | 60 | |
| L6800N 4875E | | <2 | 2 | 28 | 0.25 | <10 | <10 | 155 | <10 | 43 | |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-AA23 Au Check ppm 0.005 | Au-GRA21 Au ppm 0.05 | Au-GRA21 Au Check ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L6800N 4900E | | 0.34 | 0.083 | | | | 1.1 | 2.64 | 23 | <10 | 20 | 0.6 | 2 | 0.19 | <0.5 | 8 |
| L6800N 4925E | | 0.48 | 0.033 | | | | 0.4 | 3.15 | 28 | <10 | 40 | 1.3 | 2 | 0.13 | <0.5 | 8 |
| L6800N 4950E | | 0.36 | 0.048 | | | | 0.4 | 2.80 | 15 | <10 | 30 | 0.6 | 2 | 0.11 | <0.5 | 7 |
| L6800N 4975E | | 0.44 | 0.010 | | | | 0.5 | 3.51 | 20 | <10 | 20 | 1.1 | <2 | 0.18 | <0.5 | 8 |
| L6900N 4675E | | 0.68 | 0.016 | | | | 0.6 | 3.90 | 48 | <10 | 190 | 1.7 | <2 | 1.40 | <0.5 | 24 |
| L6900N 4675ED | | 0.60 | 0.012 | | | | 0.6 | 3.83 | 43 | <10 | 180 | 1.7 | <2 | 1.45 | <0.5 | 24 |
| L6900N 4700E | | 0.28 | 0.041 | | | | 1.5 | 2.00 | 29 | <10 | 50 | <0.5 | 2 | 0.08 | <0.5 | 7 |
| L6900N 4725E | | 0.46 | 0.081 | | | | 0.4 | 1.94 | 149 | <10 | 40 | 0.9 | <2 | 0.26 | <0.5 | 8 |
| L6900N 4750E | | 0.38 | 0.294 | | | | 0.4 | 2.78 | 26 | <10 | 60 | 0.8 | <2 | 0.35 | <0.5 | 23 |
| L6900N 4775E | | 0.56 | 0.142 | | | | 1.1 | 1.99 | 30 | <10 | 140 | 1.0 | 2 | 0.46 | <0.5 | 38 |
| L6900N 4800E | | 0.46 | 0.581 | | | | 0.6 | 4.33 | 19 | <10 | 70 | 2.0 | <2 | 0.12 | <0.5 | 19 |
| L6900N 4825E | | 0.46 | 0.087 | | | | 2.5 | 2.04 | 31 | <10 | 40 | 0.8 | 2 | 0.10 | <0.5 | 9 |
| L6900N 4850E | | 0.46 | 0.054 | | | | 0.3 | 2.25 | 18 | <10 | 30 | 0.6 | <2 | 0.24 | <0.5 | 13 |
| L6900N 4875E | | 0.38 | 0.017 | | | | 0.2 | 2.17 | 27 | <10 | 30 | 0.5 | <2 | 0.16 | 0.5 | 7 |
| L6900N 4900E | | 0.42 | 0.008 | | | | 0.7 | 3.38 | 10 | <10 | 30 | 0.6 | <2 | 0.24 | <0.5 | 15 |
| L6900N 4925E | | 0.44 | 0.155 | | | | 1.4 | 2.58 | 132 | <10 | 30 | 0.6 | <2 | 0.29 | <0.5 | 33 |
| L6900N 4950E | | 0.44 | 0.477 | | | | 1.5 | 2.71 | 142 | <10 | 30 | 0.7 | <2 | 0.29 | <0.5 | 35 |
| L6900N 4975E | | 0.36 | 0.043 | | | | 0.3 | 1.43 | 6 | <10 | 20 | <0.5 | <2 | 0.19 | <0.5 | 5 |
| L7000N 4625E | | 0.44 | 0.011 | | | | 0.2 | 1.71 | 5 | <10 | 80 | 0.7 | <2 | 0.26 | <0.5 | 8 |
| L7000N 4650E | | 0.30 | 0.009 | | | | 0.4 | 2.24 | 7 | <10 | 280 | 1.1 | <2 | 1.31 | 0.6 | 23 |
| L7000N 4675E | | 0.40 | 0.037 | | | | 0.8 | 0.95 | 25 | <10 | 30 | 0.5 | 2 | 0.10 | <0.5 | 2 |
| L7000N 4700E | | 0.42 | 0.090 | | | | 0.4 | 3.92 | 13 | <10 | 20 | 1.2 | <2 | 0.26 | <0.5 | 15 |
| L7000N 4725E | | 0.44 | 0.166 | | | | 2.2 | 2.82 | 77 | <10 | 70 | 1.3 | 2 | 0.21 | <0.5 | 25 |
| L7000N 4750E | | 0.32 | 0.027 | | | | 1.3 | 1.54 | 30 | <10 | 60 | 1.2 | 2 | 0.65 | <0.5 | 18 |
| L7000N 4775E | | 0.40 | 0.016 | | | | 0.4 | 1.70 | 8 | <10 | 20 | 0.8 | <2 | 0.09 | <0.5 | 5 |
| L7000N 4800E | | 0.26 | 0.021 | | | | 1.3 | 0.62 | 9 | <10 | 10 | <0.5 | <2 | 0.06 | <0.5 | 2 |
| L7000N 4825E | | 0.42 | 0.294 | | | | 0.8 | 3.51 | 141 | <10 | 30 | 2.5 | <2 | 0.19 | <0.5 | 19 |
| L7000N 4850E | | 0.26 | 0.014 | | | | <0.2 | 2.46 | 14 | <10 | 20 | 0.5 | <2 | 0.13 | <0.5 | 3 |
| L7000N 4875E | | 0.48 | 0.024 | | | | 0.6 | 1.85 | 77 | <10 | 50 | 0.7 | <2 | 0.71 | 0.7 | 12 |
| L7000N 4900E | | 0.36 | 0.036 | | | | 0.4 | 3.61 | 205 | <10 | 30 | 0.8 | <2 | 0.33 | <0.5 | 37 |
| L7000N 4925E | | 0.42 | 0.009 | | | | 0.2 | 2.57 | 62 | <10 | 30 | 0.6 | <2 | 0.15 | <0.5 | 5 |
| L7000N 4950E | | 0.34 | 0.408 | | | | 1.4 | 1.25 | 482 | <10 | 110 | 1.4 | 2 | 0.15 | 2.6 | 49 |
| L7000N 4975E | | 0.40 | 0.150 | | | | 5.6 | 2.09 | 122 | <10 | 30 | 0.9 | <2 | 0.14 | 0.7 | 6 |
| L7500N 4700E | | 0.24 | 0.202 | | | | 3.4 | 1.33 | 23 | <10 | 30 | <0.5 | <2 | 0.15 | <0.5 | 3 |
| L7500N 4725E | | 0.30 | 0.134 | | | | 2.8 | 3.24 | 190 | <10 | 20 | <0.5 | <2 | 0.18 | <0.5 | 10 |
| L7500N 4750E | | 0.28 | 0.099 | | | | 1.0 | 1.02 | 61 | <10 | 40 | <0.5 | <2 | 0.22 | <0.5 | 2 |
| L7500N 4775E | | 0.24 | 0.039 | | | | 0.9 | 2.09 | 34 | <10 | 40 | 0.5 | <2 | 0.32 | <0.5 | 6 |
| L7500N 4775ED | | 0.28 | 0.056 | | | | 0.7 | 2.10 | 28 | <10 | 40 | 0.6 | <2 | 0.34 | <0.5 | 6 |
| L7500N 4800E | | 0.32 | 0.018 | | | | 0.4 | 1.69 | 7 | <10 | 40 | 0.5 | <2 | 0.63 | <0.5 | 7 |
| L7500N 4825E | | 0.18 | 0.021 | | | | 0.6 | 1.03 | 3 | <10 | 40 | 1.1 | <2 | 0.26 | <0.5 | 19 |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S |
| | Units | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % |
| | LOR | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 |
| L6800N 4900E | | 24 | 412 | 5.27 | 10 | 1 | 0.13 | <10 | 1.04 | 392 | 8 | 0.01 | 9 | 2280 | <2 | 0.03 |
| L6800N 4925E | | 79 | 103 | 5.74 | 10 | <1 | 0.09 | 10 | 1.15 | 442 | 3 | 0.01 | 33 | 940 | 10 | 0.02 |
| L6800N 4950E | | 31 | 40 | 3.96 | 10 | <1 | 0.03 | 10 | 0.51 | 271 | 2 | 0.01 | 12 | 800 | 5 | 0.02 |
| L6800N 4975E | | 63 | 62 | 5.08 | 10 | 1 | 0.06 | 10 | 1.06 | 369 | 2 | 0.01 | 17 | 1660 | <2 | 0.03 |
| L6900N 4675E | | 20 | 391 | 7.40 | 10 | 1 | 1.50 | 10 | 2.14 | 1400 | 3 | 0.02 | 19 | 2720 | 4 | 0.02 |
| L6900N 4675ED | | 19 | 391 | 7.36 | 10 | 1 | 1.51 | 10 | 2.10 | 1500 | 3 | 0.02 | 18 | 2760 | <2 | 0.02 |
| L6900N 4700E | | 40 | 129 | 5.51 | 10 | <1 | 0.11 | 10 | 0.54 | 218 | 15 | 0.01 | 9 | 810 | 4 | 0.03 |
| L6900N 4725E | | 73 | 164 | 5.99 | 10 | 1 | 0.05 | 10 | 0.79 | 233 | 8 | 0.01 | 36 | 740 | 4 | 0.04 |
| L6900N 4750E | | 115 | 1545 | 5.67 | 10 | <1 | 0.19 | <10 | 2.05 | 823 | 7 | 0.03 | 57 | 1680 | 8 | 0.03 |
| L6900N 4775E | | 34 | 1050 | 6.54 | 10 | 1 | 0.19 | 10 | 1.18 | 864 | 26 | 0.03 | 16 | 1020 | 6 | 0.06 |
| L6900N 4800E | | 17 | 1940 | 7.85 | 10 | 2 | 0.06 | 10 | 0.65 | 520 | 4 | <0.01 | 14 | 1210 | 9 | 0.03 |
| L6900N 4825E | | 7 | 615 | 5.82 | 10 | 2 | 0.06 | 10 | 0.56 | 196 | 12 | 0.01 | 3 | 1830 | 4 | 0.08 |
| L6900N 4850E | | 75 | 710 | 3.76 | 10 | 1 | 0.09 | 10 | 1.30 | 320 | 9 | 0.02 | 57 | 550 | 24 | 0.02 |
| L6900N 4875E | | 108 | 140 | 6.06 | 10 | <1 | 0.08 | 10 | 1.12 | 239 | 4 | 0.02 | 55 | 570 | 8 | 0.04 |
| L6900N 4900E | | 236 | 69 | 4.07 | 10 | <1 | 0.35 | 10 | 2.87 | 519 | 2 | 0.02 | 140 | 460 | 3 | 0.01 |
| L6900N 4925E | | 80 | 1485 | 5.49 | 10 | <1 | 0.29 | 10 | 1.54 | 936 | 6 | 0.01 | 39 | 1190 | 23 | 0.02 |
| L6900N 4950E | | 83 | 1585 | 5.74 | 10 | 1 | 0.31 | 10 | 1.60 | 975 | 7 | 0.01 | 38 | 1270 | 22 | 0.02 |
| L6900N 4975E | | 86 | 127 | 2.76 | 10 | <1 | 0.25 | <10 | 1.04 | 192 | 7 | 0.03 | 24 | 710 | <2 | 0.02 |
| L7000N 4625E | | 8 | 50 | 4.09 | 10 | <1 | 0.43 | 10 | 0.85 | 605 | 1 | 0.02 | 6 | 770 | 9 | 0.03 |
| L7000N 4650E | | 8 | 199 | 4.99 | 10 | <1 | 0.64 | 10 | 0.84 | 4280 | 1 | 0.02 | 8 | 1240 | 3 | 0.08 |
| L7000N 4675E | | 8 | 17 | 2.52 | 10 | 1 | 0.11 | 10 | 0.20 | 161 | 3 | 0.06 | 1 | 510 | 46 | 0.02 |
| L7000N 4700E | | 66 | 348 | 5.64 | <10 | 1 | 0.06 | 10 | 0.86 | 194 | 8 | 0.01 | 39 | 2970 | <2 | 0.07 |
| L7000N 4725E | | 9 | 1215 | 13.85 | 10 | <1 | 0.31 | 10 | 0.90 | 795 | 45 | 0.01 | 4 | 2450 | 36 | 0.12 |
| L7000N 4750E | | 38 | 250 | 3.40 | 10 | 1 | 0.06 | 10 | 0.34 | 450 | 29 | 0.02 | 18 | 660 | 11 | 0.04 |
| L7000N 4775E | | 14 | 36 | 3.27 | 10 | <1 | 0.07 | 10 | 0.59 | 155 | 7 | 0.02 | 6 | 400 | 12 | 0.04 |
| L7000N 4800E | | 14 | 36 | 1.27 | <10 | <1 | 0.04 | <10 | 0.10 | 52 | 5 | 0.03 | 5 | 650 | 6 | 0.05 |
| L7000N 4825E | | 24 | 1435 | 5.35 | 10 | <1 | 0.02 | 10 | 0.45 | 368 | 7 | 0.01 | 18 | 2370 | 8 | 0.06 |
| L7000N 4850E | | 44 | 35 | 5.62 | 10 | <1 | 0.11 | 10 | 0.65 | 128 | 3 | 0.01 | 9 | 430 | <2 | 0.04 |
| L7000N 4875E | | 112 | 429 | 4.08 | 10 | <1 | 0.06 | 10 | 0.98 | 243 | 4 | 0.03 | 69 | 690 | 10 | 0.05 |
| L7000N 4900E | | 251 | 562 | 4.97 | 10 | 1 | 0.27 | 10 | 3.20 | 957 | 3 | 0.02 | 198 | 790 | 23 | 0.04 |
| L7000N 4925E | | 95 | 40 | 6.60 | 10 | <1 | 0.06 | 10 | 1.03 | 225 | 8 | 0.02 | 51 | 550 | 6 | 0.06 |
| L7000N 4950E | | 26 | 453 | 7.96 | 10 | 1 | 0.05 | 10 | 0.15 | 9920 | 44 | 0.01 | 30 | 2000 | 258 | 0.11 |
| L7000N 4975E | | 42 | 248 | 4.93 | 20 | 1 | 0.04 | 10 | 0.41 | 305 | 21 | 0.01 | 20 | 380 | 51 | 0.03 |
| L7500N 4700E | | 88 | 174 | 2.89 | 10 | 1 | 0.08 | 10 | 0.40 | 99 | 5 | 0.02 | 20 | 1120 | 7 | 0.10 |
| L7500N 4725E | | 240 | 389 | 5.67 | 10 | <1 | 0.26 | <10 | 2.13 | 293 | 9 | 0.01 | 100 | 570 | 11 | 0.07 |
| L7500N 4750E | | 48 | 74 | 2.01 | 10 | <1 | 0.04 | 10 | 0.20 | 48 | 3 | 0.01 | 11 | 900 | 8 | 0.09 |
| L7500N 4775E | | 95 | 862 | 5.84 | 10 | <1 | 0.08 | 10 | 0.90 | 206 | 16 | 0.03 | 28 | 510 | 23 | 0.02 |
| L7500N 4775ED | | 100 | 866 | 5.90 | 10 | 1 | 0.07 | 10 | 0.94 | 210 | 15 | 0.03 | 28 | 510 | 24 | 0.02 |
| L7500N 4800E | | 98 | 606 | 2.89 | 10 | 1 | 0.16 | 10 | 1.08 | 201 | 5 | 0.04 | 47 | 410 | 13 | 0.03 |
| L7500N 4825E | | 11 | 1020 | 1.66 | <10 | <1 | 0.05 | 10 | 0.11 | 363 | 3 | 0.05 | 8 | 560 | 11 | 0.05 |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| | LOR | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| L6800N 4900E | | <2 | 4 | 14 | 0.14 | <10 | <10 | 156 | <10 | 44 | |
| L6800N 4925E | | 2 | 3 | 6 | 0.18 | <10 | <10 | 104 | <10 | 48 | |
| L6800N 4950E | | 2 | 2 | 10 | 0.08 | <10 | <10 | 56 | <10 | 51 | |
| L6800N 4975E | | <2 | 1 | 10 | 0.14 | <10 | <10 | 95 | <10 | 33 | |
| L6900N 4675E | | <2 | 9 | 173 | 0.28 | <10 | <10 | 321 | <10 | 186 | |
| L6900N 4675ED | | 2 | 10 | 168 | 0.28 | <10 | <10 | 320 | <10 | 215 | |
| L6900N 4700E | | 6 | 2 | 8 | 0.08 | <10 | <10 | 116 | <10 | 25 | |
| L6900N 4725E | | <2 | 2 | 31 | 0.27 | <10 | <10 | 138 | <10 | 37 | |
| L6900N 4750E | | 4 | 3 | 15 | 0.18 | <10 | <10 | 135 | <10 | 53 | |
| L6900N 4775E | | 2 | 4 | 35 | 0.18 | <10 | <10 | 137 | <10 | 67 | |
| L6900N 4800E | | 4 | 3 | 9 | 0.04 | <10 | <10 | 148 | <10 | 22 | |
| L6900N 4825E | | 2 | 2 | 12 | 0.13 | <10 | <10 | 140 | <10 | 24 | |
| L6900N 4850E | | <2 | 2 | 17 | 0.29 | <10 | <10 | 113 | <10 | 80 | |
| L6900N 4875E | | <2 | 3 | 10 | 0.24 | <10 | <10 | 120 | <10 | 72 | |
| L6900N 4900E | | 2 | 2 | 11 | 0.43 | <10 | <10 | 158 | <10 | 60 | |
| L6900N 4925E | | 2 | 4 | 9 | 0.18 | <10 | <10 | 127 | <10 | 82 | |
| L6900N 4950E | | 2 | 4 | 10 | 0.18 | <10 | <10 | 133 | <10 | 87 | |
| L6900N 4975E | | <2 | 1 | 8 | 0.23 | <10 | <10 | 73 | <10 | 22 | |
| L7000N 4625E | | <2 | 3 | 33 | 0.20 | <10 | <10 | 216 | <10 | 132 | |
| L7000N 4650E | | <2 | 2 | 94 | 0.14 | <10 | <10 | 173 | <10 | 56 | |
| L7000N 4675E | | <2 | 1 | 7 | 0.29 | <10 | <10 | 136 | <10 | 24 | |
| L7000N 4700E | | 5 | 2 | 28 | 0.13 | <10 | <10 | 139 | <10 | 15 | |
| L7000N 4725E | | 6 | 6 | 12 | 0.15 | <10 | <10 | 269 | <10 | 76 | |
| L7000N 4750E | | 3 | 1 | 30 | 0.16 | <10 | <10 | 64 | <10 | 94 | |
| L7000N 4775E | | 2 | 2 | 6 | 0.21 | <10 | <10 | 109 | <10 | 23 | |
| L7000N 4800E | | <2 | <1 | 7 | 0.09 | <10 | <10 | 28 | <10 | 11 | |
| L7000N 4825E | | <2 | 1 | 94 | 0.07 | <10 | <10 | 81 | <10 | 43 | |
| L7000N 4850E | | <2 | 2 | 10 | 0.45 | <10 | <10 | 176 | <10 | 15 | |
| L7000N 4875E | | <2 | 2 | 27 | 0.21 | <10 | <10 | 104 | <10 | 40 | |
| L7000N 4900E | | 2 | 4 | 16 | 0.23 | <10 | <10 | 120 | <10 | 138 | |
| L7000N 4925E | | <2 | 2 | 4 | 0.29 | <10 | <10 | 131 | <10 | 43 | |
| L7000N 4950E | | 38 | 2 | 13 | 0.04 | <10 | <10 | 95 | <10 | 309 | |
| L7000N 4975E | | 4 | 2 | 11 | 0.15 | <10 | <10 | 84 | <10 | 252 | |
| L7500N 4700E | | <2 | 1 | 9 | 0.14 | <10 | <10 | 62 | <10 | 14 | |
| L7500N 4725E | | <2 | 4 | 5 | 0.26 | <10 | <10 | 133 | <10 | 37 | |
| L7500N 4750E | | <2 | <1 | 12 | 0.09 | <10 | <10 | 35 | <10 | 14 | |
| L7500N 4775E | | 4 | 4 | 11 | 0.54 | <10 | <10 | 175 | <10 | 43 | |
| L7500N 4775ED | | 3 | 4 | 12 | 0.54 | <10 | <10 | 179 | <10 | 43 | |
| L7500N 4800E | | 3 | 2 | 17 | 0.35 | <10 | <10 | 82 | <10 | 39 | |
| L7500N 4825E | | <2 | 1 | 15 | 0.12 | <10 | <10 | 32 | <10 | 29 | |

Comments: NSS is non-sufficient sample.

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Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-AA23 Au Check ppm 0.005 | Au-GRA21 Au ppm 0.05 | Au-GRA21 Au Check ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L7500N 4850E | | 0.22 | 0.018 | | | | 0.2 | 1.47 | 7 | <10 | 20 | 0.5 | <2 | 0.11 | <0.5 | 2 |
| L7500N 4875E | | 0.28 | 0.073 | | | | 0.4 | 0.64 | 3 | <10 | 20 | <0.5 | <2 | 0.13 | <0.5 | 1 |
| L7500N 4900E | | 0.32 | 0.034 | | | | 1.9 | 1.51 | 18 | <10 | 30 | <0.5 | <2 | 0.09 | <0.5 | 3 |
| L7500N 4925E | | 0.24 | 0.152 | | | | 3.7 | 2.92 | 67 | <10 | 20 | 0.9 | <2 | 0.07 | <0.5 | 3 |
| L7500N 4950E | | 0.26 | 0.068 | | | | 1.5 | 1.36 | 15 | <10 | 20 | <0.5 | <2 | 0.10 | <0.5 | 2 |
| L7500N 4975E | | 0.32 | 0.490 | | | | 5.1 | 1.43 | 17 | <10 | 20 | <0.5 | <2 | 0.12 | <0.5 | 2 |
| L7500N 5000E | | 0.34 | 0.149 | | | | 2.1 | 2.72 | 34 | <10 | 40 | 0.8 | <2 | 0.15 | <0.5 | 5 |
| L7500N 5025E | | 0.26 | 0.033 | | | | 0.7 | 1.16 | 7 | <10 | 20 | <0.5 | <2 | 0.11 | <0.5 | 2 |
| L7600N 4450E | | 0.30 | 0.026 | | | | 0.5 | 1.83 | 28 | <10 | 40 | 0.6 | <2 | 0.18 | <0.5 | 5 |
| L7600N 4450EB | | 0.06 | <0.005 | | | | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | <1 |
| L7600N 4475E | | 0.38 | 0.073 | | | | 1.8 | 2.50 | 132 | <10 | 20 | 1.0 | <2 | 0.29 | <0.5 | 23 |
| L7600N 4475ED | | 0.40 | 0.052 | | | | 2.3 | 2.43 | 123 | <10 | 20 | 0.9 | <2 | 0.28 | <0.5 | 23 |
| L7600N 4500E | | 0.28 | 0.018 | | | | 1.3 | 2.49 | 28 | <10 | 70 | 1.2 | <2 | 2.36 | 1.0 | 325 |
| L7600N 4525E | | 0.42 | 0.177 | | | | 0.5 | 2.03 | 36 | <10 | 40 | 0.7 | <2 | 0.17 | <0.5 | 6 |
| L7600N 4550E | | 0.30 | 0.276 | | | | 0.7 | 2.70 | 95 | <10 | 30 | 0.5 | <2 | 0.50 | <0.5 | 31 |
| L7600N 4575E | | 0.34 | 0.019 | | | | 0.5 | 1.91 | 24 | <10 | 30 | 0.5 | <2 | 0.25 | <0.5 | 4 |
| L7600N 4600E | | 0.40 | 0.023 | | | | 2.3 | 1.33 | 4 | <10 | 30 | 0.5 | <2 | 0.24 | <0.5 | 3 |
| L7600N 4625E | | 0.38 | 0.025 | | | | 1.6 | 1.66 | 16 | <10 | 40 | <0.5 | <2 | 0.16 | <0.5 | 3 |
| L7600N 4650E | | 0.36 | 0.030 | | | | 1.6 | 1.62 | 44 | <10 | 40 | 0.8 | <2 | 0.75 | 0.5 | 13 |
| L7600N 4675E | | 0.44 | 0.185 | | | | 2.3 | 1.14 | 38 | <10 | 20 | <0.5 | <2 | 0.19 | <0.5 | 2 |
| L7600N 4700E | | Not Recvd | | | | | | | | | | | | | | |
| L7600N 4725E | | 0.30 | 0.110 | | | | 0.9 | 1.72 | 69 | <10 | 10 | <0.5 | <2 | 0.18 | <0.5 | 5 |
| L7600N 4750E | | 0.40 | 0.134 | | | | 0.2 | 3.20 | 152 | <10 | 20 | 0.5 | 2 | 0.68 | <0.5 | 13 |
| L7600N 4775E | | 0.38 | 0.058 | 0.080 | | | 1.1 | 3.50 | 46 | <10 | 30 | 1.1 | 2 | 0.56 | 0.6 | 23 |
| L7600N 4800E | | 0.36 | 0.187 | 0.082 | | | 1.5 | 1.21 | 23 | <10 | 60 | <0.5 | <2 | 0.35 | <0.5 | 4 |
| L7600N 4800ED | | 0.32 | 0.076 | 0.098 | | | 1.2 | 1.14 | 21 | <10 | 60 | <0.5 | 2 | 0.33 | <0.5 | 5 |
| L7600N 4825E | | 0.40 | 0.033 | 0.028 | | | 3.8 | 2.27 | 29 | <10 | 20 | 0.5 | <2 | 0.15 | <0.5 | 8 |
| L7600N 4850E | | 0.36 | 0.072 | | | | 0.9 | 2.91 | 48 | <10 | 110 | <0.5 | 2 | 0.04 | <0.5 | 9 |
| L7600N 4875E | | 0.26 | 0.029 | | | | 0.8 | 1.72 | 35 | <10 | 40 | <0.5 | <2 | 0.09 | <0.5 | 4 |
| L7600N 4900E | | 0.50 | 9.56 | | 8.87 | 10.60 | 26.7 | 2.79 | 282 | <10 | 10 | 0.9 | 6 | 0.45 | <0.5 | 63 |
| L7600N 4925E | | 0.26 | 2.65 | | 2.32 | | 11.5 | 1.61 | 92 | <10 | 30 | <0.5 | 2 | 0.10 | <0.5 | 28 |
| L7600N 4950E | | 0.34 | 0.081 | | | | 1.8 | 0.83 | 11 | <10 | 20 | <0.5 | <2 | 0.09 | <0.5 | 2 |
| L7600N 4975E | | 0.32 | 0.146 | | | | 2.1 | 1.80 | 20 | <10 | 30 | 0.9 | <2 | 0.10 | <0.5 | 2 |
| L7600N 5000E | | 0.40 | <0.005 | | | | 0.4 | 0.71 | 2 | <10 | 10 | 0.6 | <2 | 0.06 | <0.5 | 2 |
| L7600N 5025E | | 0.36 | 0.511 | | | | 1.2 | 1.72 | 22 | <10 | 10 | 0.5 | <2 | 0.17 | <0.5 | 2 |

Comments: NSS is non-sufficient sample.

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Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S |
| | Units | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % |
| | LOR | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 |
| L7500N 4850E | | 34 | 33 | 2.79 | 10 | 1 | 0.06 | 10 | 0.28 | 74 | 3 | 0.03 | 11 | 350 | 7 | 0.04 |
| L7500N 4875E | | 8 | 21 | 1.31 | 10 | <1 | 0.06 | 10 | 0.12 | 66 | 2 | 0.02 | 3 | 360 | 6 | 0.04 |
| L7500N 4900E | | 12 | 25 | 3.91 | 10 | 1 | 0.03 | 10 | 0.17 | 129 | 3 | 0.01 | 4 | 440 | 15 | 0.04 |
| L7500N 4925E | | 8 | 154 | 5.87 | 10 | <1 | 0.03 | 20 | 0.07 | 135 | 15 | 0.01 | 3 | 2240 | 56 | 0.05 |
| L7500N 4950E | | 8 | 21 | 1.89 | 20 | <1 | 0.03 | 10 | 0.08 | 61 | 3 | 0.01 | 1 | 340 | 12 | 0.03 |
| L7500N 4975E | | 16 | 89 | 3.74 | 10 | <1 | 0.03 | 10 | 0.13 | 91 | 7 | 0.01 | 4 | 560 | 109 | 0.04 |
| L7500N 5000E | | 34 | 516 | 5.38 | 10 | 1 | 0.07 | 10 | 0.57 | 193 | 5 | 0.01 | 10 | 1030 | 14 | 0.08 |
| L7500N 5025E | | 7 | 199 | 1.58 | 10 | <1 | 0.03 | 10 | 0.13 | 84 | 2 | 0.01 | 3 | 500 | 13 | 0.05 |
| L7600N 4450E | | 88 | 36 | 4.50 | 10 | <1 | 0.04 | 10 | 0.44 | 129 | 5 | 0.01 | 26 | 330 | 9 | 0.04 |
| L7600N 4450EB | | <1 | 1 | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | <1 | 10 | <2 | 0.01 |
| L7600N 4475E | | 98 | 754 | 6.60 | 10 | <1 | 0.07 | 10 | 1.46 | 404 | 21 | 0.01 | 96 | 790 | 22 | 0.08 |
| L7600N 4475ED | | 94 | 702 | 6.39 | 10 | <1 | 0.07 | 10 | 1.44 | 401 | 20 | 0.01 | 94 | 790 | 23 | 0.08 |
| L7600N 4500E | | 93 | 740 | 3.05 | 10 | <1 | 0.10 | 10 | 0.62 | 1775 | 13 | 0.02 | 311 | 1630 | 11 | 0.17 |
| L7600N 4525E | | 103 | 49 | 4.07 | 10 | 1 | 0.07 | 10 | 0.87 | 178 | 4 | 0.01 | 40 | 990 | 22 | 0.04 |
| L7600N 4550E | | 217 | 520 | 5.68 | 10 | 1 | 0.24 | <10 | 2.51 | 908 | 8 | 0.02 | 122 | 1510 | 62 | 0.07 |
| L7600N 4575E | | 78 | 31 | 4.76 | 10 | 1 | 0.10 | 10 | 0.67 | 109 | 3 | 0.01 | 23 | 950 | 9 | 0.04 |
| L7600N 4600E | | 45 | 31 | 2.06 | 10 | <1 | 0.12 | 10 | 0.54 | 88 | 2 | 0.02 | 16 | 930 | 4 | 0.04 |
| L7600N 4625E | | 39 | 38 | 3.58 | 10 | <1 | 0.05 | 10 | 0.30 | 90 | 3 | 0.01 | 12 | 800 | 10 | 0.06 |
| L7600N 4650E | | 44 | 417 | 3.15 | 10 | <1 | 0.14 | 10 | 0.54 | 518 | 6 | 0.06 | 25 | 1200 | 17 | 0.10 |
| L7600N 4675E | | 23 | 27 | 2.15 | 10 | <1 | 0.04 | 10 | 0.21 | 101 | 3 | 0.02 | 11 | 1570 | 14 | 0.08 |
| L7600N 4700E | | | | | | | | | | | | | | | | |
| L7600N 4725E | | 68 | 461 | 3.69 | 10 | 1 | 0.09 | 10 | 0.56 | 171 | 7 | 0.04 | 21 | 920 | 23 | 0.13 |
| L7600N 4750E | | 125 | 692 | 4.79 | 10 | <1 | 0.18 | <10 | 2.57 | 376 | 5 | 0.02 | 54 | 780 | 15 | 0.09 |
| L7600N 4775E | | 84 | 2120 | 4.48 | 10 | <1 | 0.06 | 10 | 0.49 | 1230 | 15 | 0.03 | 30 | 1710 | 66 | 0.12 |
| L7600N 4800E | | 45 | 69 | 3.89 | 10 | 1 | 0.04 | 10 | 0.13 | 75 | 7 | 0.02 | 14 | 1150 | 34 | 0.09 |
| L7600N 4800ED | | 43 | 63 | 3.70 | 10 | 1 | 0.04 | 10 | 0.13 | 63 | 7 | 0.02 | 12 | 1080 | 31 | 0.09 |
| L7600N 4825E | | 116 | 58 | 4.13 | 20 | 1 | 0.07 | 10 | 1.33 | 294 | 5 | 0.01 | 46 | 370 | 31 | 0.05 |
| L7600N 4850E | | 3 | 57 | 4.78 | 10 | 1 | 0.08 | <10 | 0.43 | 519 | 3 | 0.01 | 3 | 340 | 19 | 0.07 |
| L7600N 4875E | | 2 | 41 | 1.85 | 10 | <1 | 0.08 | <10 | 0.16 | 289 | 4 | 0.02 | 1 | 690 | 5 | 0.04 |
| L7600N 4900E | | <1 | >10000 | 26.8 | 10 | 2 | 0.16 | <10 | 0.84 | 694 | 533 | 0.02 | 30 | 3530 | 45 | 0.64 |
| L7600N 4925E | | 4 | 1515 | 6.07 | 10 | 1 | 0.07 | 10 | 0.27 | 358 | 61 | 0.01 | 17 | 1250 | 21 | 0.08 |
| L7600N 4950E | | 11 | 31 | 1.20 | 10 | <1 | 0.04 | 10 | 0.16 | 72 | 3 | 0.02 | 3 | 410 | 16 | 0.05 |
| L7600N 4975E | | 9 | 1085 | 2.40 | 10 | 1 | 0.06 | 20 | 0.10 | 102 | 3 | 0.08 | 3 | 1140 | 33 | 0.08 |
| L7600N 5000E | | 6 | 28 | 1.31 | 10 | 1 | 0.10 | 10 | 0.05 | 96 | 3 | 0.13 | 2 | 370 | 6 | 0.06 |
| L7600N 5025E | | 6 | 269 | 2.02 | 10 | 1 | 0.03 | 10 | 0.17 | 66 | 4 | 0.02 | 3 | 770 | 10 | 0.07 |

Comments: NSS is non-sufficient sample.

# ALS Chemex

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 12-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064082

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn | Cu |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % |
| | LOR | 2 | 1 | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 |
| L7500N 4850E | | <2 | 1 | 5 | 0.23 | <10 | <10 | 100 | <10 | 11 | |
| L7500N 4875E | | <2 | 1 | 9 | 0.10 | <10 | <10 | 36 | <10 | 11 | |
| L7500N 4900E | | <2 | 1 | 10 | 0.16 | <10 | <10 | 124 | <10 | 22 | |
| L7500N 4925E | | 7 | 2 | 5 | 0.07 | <10 | <10 | 92 | <10 | 56 | |
| L7500N 4950E | | 2 | 1 | 9 | 0.18 | <10 | <10 | 100 | <10 | 11 | |
| L7500N 4975E | | <2 | 1 | 8 | 0.13 | <10 | <10 | 99 | <10 | 18 | |
| L7500N 5000E | | 15 | 3 | 16 | 0.06 | <10 | <10 | 118 | <10 | 30 | |
| L7500N 5025E | | <2 | 1 | 10 | 0.16 | <10 | <10 | 49 | <10 | 12 | |
| L7600N 4450E | | 2 | 2 | 13 | 0.17 | <10 | <10 | 111 | <10 | 24 | |
| L7600N 4450EB | | <2 | <1 | 1 | <0.01 | <10 | <10 | <1 | <10 | 3 | |
| L7600N 4475E | | 58 | 3 | 16 | 0.16 | <10 | <10 | 147 | <10 | 74 | |
| L7600N 4475ED | | 64 | 3 | 16 | 0.16 | <10 | <10 | 139 | <10 | 71 | |
| L7600N 4500E | | <2 | 2 | 154 | 0.07 | <10 | <10 | 58 | <10 | 86 | |
| L7600N 4525E | | <2 | 2 | 13 | 0.26 | <10 | <10 | 129 | <10 | 29 | |
| L7600N 4550E | | 4 | 4 | 20 | 0.16 | <10 | <10 | 135 | <10 | 176 | |
| L7600N 4575E | | <2 | 2 | 14 | 0.51 | <10 | <10 | 195 | <10 | 17 | |
| L7600N 4600E | | <2 | 1 | 11 | 0.26 | <10 | <10 | 72 | <10 | 14 | |
| L7600N 4625E | | <2 | 2 | 11 | 0.29 | <10 | <10 | 102 | <10 | 19 | |
| L7600N 4650E | | <2 | 1 | 20 | 0.14 | <10 | <10 | 60 | <10 | 39 | |
| L7600N 4675E | | <2 | 1 | 10 | 0.12 | <10 | <10 | 54 | <10 | 23 | |
| L7600N 4700E | | | | | | | | | | | |
| L7600N 4725E | | 3 | 1 | 8 | 0.14 | <10 | <10 | 71 | <10 | 34 | |
| L7600N 4750E | | <2 | 7 | 18 | 0.19 | <10 | <10 | 158 | <10 | 63 | |
| L7600N 4775E | | 3 | 2 | 22 | 0.10 | <10 | <10 | 78 | <10 | 62 | |
| L7600N 4800E | | <2 | 2 | 17 | 0.26 | <10 | <10 | 98 | <10 | 22 | |
| L7600N 4800ED | | 3 | 2 | 16 | 0.26 | <10 | <10 | 97 | <10 | 17 | |
| L7600N 4825E | | 3 | 5 | 4 | 0.43 | <10 | <10 | 219 | <10 | 29 | |
| L7600N 4850E | | 4 | 3 | 3 | 0.01 | <10 | <10 | 71 | <10 | 24 | |
| L7600N 4875E | | 5 | 2 | 3 | 0.01 | <10 | <10 | 50 | <10 | 16 | |
| L7600N 4900E | | 10 | 12 | 8 | 0.08 | 10 | <10 | 674 | 10 | 177 | 1.22 |
| L7600N 4925E | | 9 | 2 | 3 | 0.04 | <10 | <10 | 230 | 450 | 61 | |
| L7600N 4950E | | 3 | 1 | 9 | 0.09 | <10 | <10 | 45 | <10 | 12 | |
| L7600N 4975E | | 6 | 1 | 6 | 0.06 | <10 | <10 | 39 | <10 | 22 | |
| L7600N 5000E | | <2 | <1 | 5 | 0.14 | <10 | <10 | 15 | <10 | 18 | |
| L7600N 5025E | | 3 | 1 | 14 | 0.07 | <10 | <10 | 41 | <10 | 14 | |

Comments: NSS is non-sufficient sample.

**ALS Chemex**
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To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 17-AUG-2006**
**Account: EIA**

## CERTIFICATE VA06065957

Project: Trek

P.O. No.: RG06-01

This report is for 173 Soil samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2006.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| EQUITY ENG E-MAIL | ROMIOS GOLD | ADAM SIMMONS |

## SAMPLE PREPARATION

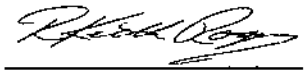
| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| SCR-41 | Screen to -180um and save both |
| LOG-24 | Pulp Login - Rcd w/o Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au-AA23 | Au 30g FA-AA finish | AAS |
| Au-GRA21 | Au 30g FA-GRAV finish | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**

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:** 
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 17-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-GRA21 Au ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TSST-005 | | 0.26 | 0.014 | | 0.2 | 1.05 | 8 | <10 | 130 | <0.5 | 2 | 1.20 | <0.5 | 8 | 14 | 38 |
| L5000E 7025N | | 0.42 | 0.070 | | 0.5 | 1.18 | 3 | <10 | 20 | <0.5 | 2 | 0.03 | <0.5 | 1 | 3 | 27 |
| L5000E 7050N | | 0.38 | 0.012 | | 0.3 | 1.29 | 5 | <10 | 20 | 1.0 | 2 | 0.10 | <0.5 | 2 | 14 | 40 |
| L5000E 7075N | | 0.36 | 0.027 | | 0.9 | 2.66 | 25 | <10 | 30 | 0.7 | 2 | 0.12 | 0.5 | 5 | 67 | 141 |
| L5000E 7100N | | 0.50 | 0.009 | | 0.3 | 3.61 | 34 | <10 | 30 | 0.8 | <2 | 0.96 | 0.7 | 18 | 395 | 212 |
| L5000E 7125N | | 0.40 | 0.060 | | 0.7 | 1.50 | <2 | <10 | 20 | <0.5 | 2 | 0.14 | <0.5 | 6 | 192 | 24 |
| L5000E 7150N | | 0.44 | 0.013 | | 0.4 | 1.39 | 13 | <10 | 20 | <0.5 | 3 | 0.13 | <0.5 | 9 | 172 | 40 |
| L5000E 7175N | | 0.40 | 0.021 | | 0.6 | 3.60 | 54 | <10 | 100 | 1.0 | <2 | 0.49 | 1.1 | 30 | 323 | 393 |
| L5000E 7200N | | 0.46 | 0.460 | | 0.8 | 3.42 | 12 | <10 | 30 | 1.0 | 2 | 0.26 | 0.5 | 12 | 75 | 1120 |
| L6200N 4725E | | 0.24 | <0.005 | | 0.4 | 3.53 | 5 | <10 | 290 | 1.4 | 2 | 0.30 | 0.8 | 19 | 64 | 52 |
| L6200N 4750E | | 0.30 | 0.008 | | 0.2 | 1.92 | 3 | <10 | 50 | 0.7 | 2 | 0.10 | <0.5 | 4 | 16 | 14 |
| L6200N 4775E | | 0.30 | <0.005 | | <0.2 | 1.92 | 2 | <10 | 40 | 0.6 | 3 | 0.12 | <0.5 | 6 | 19 | 15 |
| L6200N 4800E | | 0.28 | 0.007 | | 0.2 | 2.75 | 6 | <10 | 100 | 1.0 | 3 | 0.14 | <0.5 | 9 | 46 | 68 |
| L6200N 4800E(D) | | 0.34 | 0.006 | | 0.2 | 2.88 | 2 | <10 | 110 | 1.0 | 2 | 0.15 | <0.5 | 11 | 55 | 89 |
| L6200N 4825E | | 0.32 | <0.005 | | 0.2 | 1.68 | 3 | <10 | 90 | 0.5 | <2 | 0.16 | <0.5 | 8 | 58 | 25 |
| L6200N 4850E | | 0.22 | <0.005 | | 0.3 | 1.13 | 5 | <10 | 60 | 0.6 | 3 | 0.12 | <0.5 | 2 | 12 | 12 |
| L6200N 4875E | | 0.24 | <0.005 | | 0.4 | 2.66 | 6 | 10 | 200 | 0.5 | 2 | 0.27 | <0.5 | 18 | 62 | 39 |
| L6200N 4900E | | 0.28 | 0.006 | | 0.2 | 2.86 | 3 | <10 | 240 | 1.6 | 2 | 0.38 | <0.5 | 15 | 35 | 65 |
| L6200N 4925E | | 0.36 | <0.005 | | 0.2 | 4.97 | 11 | <10 | 120 | 0.6 | <2 | 0.25 | <0.5 | 31 | 86 | 163 |
| L6200N 4950E | | 0.28 | <0.005 | | <0.2 | 2.71 | 5 | <10 | 70 | 0.8 | 2 | 0.46 | <0.5 | 18 | 50 | 167 |
| L6200N 4975E | | 0.30 | 0.012 | | 0.3 | 4.42 | 2 | <10 | 480 | 0.5 | <2 | 0.50 | <0.5 | 50 | 143 | 433 |
| L6400N 4600E | | 0.28 | <0.005 | | <0.2 | 1.86 | 5 | <10 | 30 | 0.6 | 2 | 0.09 | <0.5 | 5 | 18 | 25 |
| L6400N 4625E | | 0.40 | <0.005 | | 0.2 | 2.27 | 4 | <10 | 40 | 0.7 | <2 | 0.08 | <0.5 | 4 | 17 | 16 |
| L6400N 4650E | | 0.28 | <0.005 | | 0.9 | 2.41 | 12 | <10 | 40 | 0.6 | 2 | 0.10 | <0.5 | 6 | 22 | 20 |
| L6400N 4675E | | 0.44 | <0.005 | | 0.3 | 2.54 | 14 | <10 | 50 | 0.6 | 3 | 0.05 | <0.5 | 8 | 23 | 23 |
| L6400N 4675E(D) | | 0.46 | <0.005 | | 0.4 | 2.58 | 14 | <10 | 50 | 0.6 | 3 | 0.05 | <0.5 | 9 | 24 | 24 |
| L6400N 4700E | | 0.26 | <0.005 | | 0.3 | 2.51 | 9 | <10 | 40 | 1.0 | 2 | 0.14 | 0.5 | 8 | 26 | 24 |
| L6400N 4725E | | 0.44 | <0.005 | | <0.2 | 1.87 | 11 | <10 | 30 | 0.6 | 3 | 0.07 | <0.5 | 5 | 23 | 28 |
| L6400N 4750E | | 0.32 | <0.005 | | 0.5 | 2.44 | 8 | <10 | 50 | 0.6 | 3 | 0.23 | 0.6 | 12 | 22 | 34 |
| L6400N 4775E | | 0.50 | 0.040 | | 0.4 | 2.15 | 7 | <10 | 90 | 0.5 | 2 | 0.31 | <0.5 | 7 | 24 | 14 |
| L6400N 4800E | | 0.30 | 0.018 | | <0.2 | 4.63 | 6 | <10 | 50 | 0.7 | <2 | 0.38 | <0.5 | 22 | 85 | 77 |
| L6400N 4825E | | 0.50 | <0.005 | | 0.3 | 4.92 | 6 | <10 | 30 | 0.9 | 2 | 0.06 | <0.5 | 25 | 168 | 78 |
| L6400N 4850E | | 0.26 | <0.005 | | 0.2 | 1.13 | 4 | <10 | 60 | <0.5 | 3 | 0.12 | 0.5 | 5 | 17 | 13 |
| L6400N 4875E | | 0.48 | <0.005 | | 0.3 | 3.74 | <2 | <10 | 130 | 0.8 | 2 | 0.20 | <0.5 | 25 | 132 | 45 |
| L6400N 4900E | | 0.30 | <0.005 | | 0.2 | 2.73 | 5 | <10 | 110 | <0.5 | <2 | 0.68 | <0.5 | 24 | 96 | 67 |
| L6400N 4900E(D) | | 0.34 | <0.005 | | 0.2 | 2.98 | <2 | <10 | 120 | <0.5 | 2 | 0.72 | <0.5 | 24 | 94 | 69 |
| L6400N 4925E | | 0.58 | <0.005 | | <0.2 | 3.65 | <2 | <10 | 130 | 0.6 | <2 | 0.55 | <0.5 | 26 | 96 | 92 |
| L6400N 4950E | | 0.36 | 0.006 | | <0.2 | 3.48 | 6 | <10 | 140 | 0.8 | <2 | 0.91 | <0.5 | 25 | 70 | 71 |
| L6400N 4975E | | 0.44 | <0.005 | | <0.2 | 2.42 | 3 | <10 | 50 | 0.7 | 2 | 0.31 | <0.5 | 11 | 50 | 29 |
| L6300N 4700E | | 0.52 | <0.005 | | <0.2 | 2.55 | 4 | <10 | 90 | 0.9 | <2 | 0.17 | <0.5 | 9 | 22 | 31 |

Comments: NSS is non-sufficient sample.

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**Finalized Date: 17-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method Analyte Units LOR | ME-ICP41 Fe % 0.01 | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TSST-005 | | 3.72 | <10 | 2 | 0.21 | 10 | 0.43 | 321 | <1 | 0.07 | 7 | 1270 | 3 | 0.09 | <2 | 3 |
| L5000E 7025N | | 0.91 | 10 | 1 | 0.03 | 10 | 0.13 | 86 | 2 | 0.02 | 2 | 300 | 4 | 0.07 | <2 | 1 |
| L5000E 7050N | | 1.64 | 10 | 1 | 0.09 | 10 | 0.11 | 116 | 2 | 0.13 | 5 | 500 | 3 | 0.05 | <2 | <1 |
| L5000E 7075N | | 6.98 | 10 | 1 | 0.06 | 10 | 0.34 | 140 | 6 | 0.02 | 8 | 1310 | 10 | 0.07 | <2 | 3 |
| L5000E 7100N | | 4.44 | 10 | 1 | 0.72 | 10 | 2.87 | 429 | 3 | 0.04 | 246 | 840 | 4 | 0.04 | <2 | 2 |
| L5000E 7125N | | 2.37 | 10 | <1 | 0.13 | 10 | 0.94 | 134 | 5 | 0.02 | 72 | 320 | 5 | 0.02 | <2 | 1 |
| L5000E 7150N | | 2.08 | 10 | 2 | 0.05 | <10 | 0.93 | 110 | 2 | 0.02 | 76 | 220 | 4 | 0.02 | <2 | 1 |
| L5000E 7175N | | 5.22 | 10 | 1 | 0.42 | 10 | 3.11 | 1355 | 3 | 0.03 | 180 | 980 | 19 | 0.03 | 3 | 8 |
| L5000E 7200N | | 4.32 | 10 | 1 | 0.07 | 10 | 1.24 | 487 | 3 | 0.02 | 38 | 900 | 16 | 0.04 | 3 | 3 |
| L6200N 4725E | | 5.62 | 10 | 1 | 0.06 | 10 | 1.99 | 1930 | 2 | 0.03 | 19 | 1400 | 7 | 0.10 | <2 | 11 |
| L6200N 4750E | | 3.41 | 10 | 1 | 0.03 | 10 | 0.23 | 168 | 1 | 0.01 | 6 | 380 | 5 | 0.03 | <2 | 2 |
| L6200N 4775E | | 3.27 | 10 | 1 | 0.04 | 10 | 0.41 | 366 | 2 | 0.02 | 8 | 570 | 8 | 0.04 | <2 | 2 |
| L6200N 4800E | | 3.49 | 10 | 1 | 0.13 | 10 | 0.92 | 381 | 1 | 0.06 | 20 | 650 | 6 | 0.05 | <2 | 6 |
| L6200N 4800E(D) | | 3.74 | 10 | 1 | 0.15 | 10 | 1.03 | 411 | 2 | 0.05 | 23 | 660 | 7 | 0.06 | <2 | 6 |
| L6200N 4825E | | 2.10 | 10 | 1 | 0.17 | 10 | 0.65 | 192 | 1 | 0.01 | 13 | 570 | 3 | 0.06 | <2 | 2 |
| L6200N 4850E | | 1.91 | 10 | 2 | 0.06 | 10 | 0.14 | 67 | 2 | 0.04 | 3 | 750 | 11 | 0.07 | 2 | 2 |
| L6200N 4875E | | 5.64 | 10 | 1 | 0.35 | 10 | 1.58 | 409 | <1 | 0.02 | 18 | 620 | 3 | 0.03 | <2 | 4 |
| L6200N 4900E | | 3.99 | 10 | 2 | 0.16 | 10 | 1.25 | 1550 | 1 | 0.09 | 14 | 980 | 4 | 0.09 | <2 | 5 |
| L6200N 4925E | | 6.53 | 10 | 2 | 0.45 | 10 | 3.17 | 2660 | 2 | 0.02 | 22 | 1390 | 15 | 0.04 | <2 | 13 |
| L6200N 4950E | | 3.60 | 10 | <1 | 0.27 | 10 | 1.66 | 600 | 1 | 0.02 | 23 | 820 | 2 | 0.06 | <2 | 2 |
| L6200N 4975E | | 6.80 | 10 | 2 | 1.41 | <10 | 3.10 | 1885 | 3 | 0.03 | 52 | 1730 | 7 | 0.09 | <2 | 8 |
| L6400N 4600E | | 2.49 | 10 | 1 | 0.06 | 10 | 0.48 | 188 | 2 | 0.02 | 9 | 640 | 5 | 0.06 | <2 | 1 |
| L6400N 4625E | | 3.59 | 10 | 1 | 0.04 | 20 | 0.30 | 182 | 2 | 0.01 | 6 | 710 | 9 | 0.04 | <2 | 2 |
| L6400N 4650E | | 3.67 | 10 | 1 | 0.04 | 20 | 0.45 | 354 | 2 | 0.01 | 9 | 660 | 6 | 0.04 | <2 | 1 |
| L6400N 4675E | | 3.84 | 20 | 1 | 0.06 | 10 | 0.59 | 700 | 2 | 0.02 | 7 | 590 | 15 | 0.04 | <2 | 4 |
| L6400N 4675E(D) | | 3.81 | 20 | 2 | 0.07 | 10 | 0.72 | 709 | 2 | 0.02 | 7 | 610 | 17 | 0.04 | <2 | 4 |
| L6400N 4700E | | 5.66 | 10 | 1 | 0.05 | 20 | 0.47 | 715 | 2 | 0.02 | 9 | 700 | 11 | 0.05 | <2 | 2 |
| L6400N 4725E | | 4.79 | 10 | 1 | 0.03 | 10 | 0.31 | 314 | 2 | 0.01 | 10 | 470 | 13 | 0.04 | <2 | 2 |
| L6400N 4750E | | 4.82 | 10 | 1 | 0.04 | 10 | 0.61 | 823 | 2 | 0.02 | 17 | 1680 | 6 | 0.04 | <2 | 3 |
| L6400N 4775E | | 3.26 | 10 | 1 | 0.06 | 10 | 0.45 | 416 | 4 | 0.01 | 10 | 590 | 8 | 0.04 | <2 | 2 |
| L6400N 4800E | | 5.70 | 10 | 1 | 0.12 | 10 | 2.86 | 1365 | 2 | 0.02 | 16 | 800 | 8 | 0.04 | <2 | 13 |
| L6400N 4825E | | 6.90 | 10 | 1 | 0.06 | 10 | 3.01 | 1630 | 1 | 0.01 | 27 | 600 | 17 | 0.04 | 2 | 17 |
| L6400N 4850E | | 4.19 | 10 | 2 | 0.05 | 10 | 0.19 | 396 | 2 | 0.02 | 6 | 1240 | 8 | 0.04 | <2 | 1 |
| L6400N 4875E | | 7.51 | 10 | 2 | 0.76 | <10 | 2.63 | 1285 | 1 | 0.02 | 43 | 1300 | 4 | 0.04 | <2 | 11 |
| L6400N 4900E | | 4.11 | 10 | 1 | 0.40 | 10 | 2.22 | 756 | <1 | 0.02 | 30 | 1400 | 3 | 0.03 | <2 | 4 |
| L6400N 4900E(D) | | 4.43 | 10 | 1 | 0.46 | 10 | 2.47 | 830 | <1 | 0.03 | 32 | 1520 | 2 | 0.04 | <2 | 4 |
| L6400N 4925E | | 5.14 | 10 | <1 | 0.57 | 10 | 2.82 | 1610 | <1 | 0.02 | 32 | 1540 | 6 | 0.02 | 2 | 10 |
| L6400N 4950E | | 6.52 | 10 | <1 | 0.62 | 10 | 2.83 | 1490 | 1 | 0.03 | 24 | 1730 | 5 | 0.03 | 2 | 10 |
| L6400N 4975E | | 4.41 | 10 | <1 | 0.08 | 10 | 1.08 | 510 | 1 | 0.02 | 13 | 630 | 7 | 0.06 | <2 | 3 |
| L6300N 4700E | | 4.38 | 10 | <1 | 0.04 | 10 | 0.51 | 688 | 1 | 0.01 | 14 | 840 | 6 | 0.06 | <2 | 2 |

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 17-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method Analyte Units LOR | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|---|---|---|---|---|---|---|---|---|
| TSST-005 | | 82 | 0.08 | <10 | <10 | 100 | 10 | 30 |
| L5000E 7025N | | 6 | 0.03 | <10 | <10 | 25 | <10 | 11 |
| L5000E 7050N | | 9 | 0.13 | <10 | <10 | 22 | <10 | 20 |
| L5000E 7075N | | 8 | 0.16 | <10 | <10 | 131 | <10 | 15 |
| L5000E 7100N | | 31 | 0.22 | <10 | <10 | 63 | <10 | 102 |
| L5000E 7125N | | 12 | 0.31 | <10 | <10 | 101 | <10 | 23 |
| L5000E 7150N | | 11 | 0.35 | <10 | <10 | 99 | <10 | 23 |
| L5000E 7175N | | 23 | 0.19 | <10 | <10 | 121 | <10 | 150 |
| L5000E 7200N | | 18 | 0.22 | <10 | <10 | 102 | <10 | 64 |
| L6200N 4725E | | 22 | 0.09 | <10 | <10 | 186 | <10 | 85 |
| L6200N 4750E | | 10 | 0.06 | <10 | <10 | 77 | <10 | 24 |
| L6200N 4775E | | 11 | 0.10 | <10 | <10 | 87 | <10 | 36 |
| L6200N 4800E | | 12 | 0.13 | <10 | <10 | 86 | <10 | 54 |
| L6200N 4800E(D) | | 13 | 0.14 | <10 | <10 | 97 | <10 | 60 |
| L6200N 4825E | | 12 | 0.35 | <10 | <10 | 108 | <10 | 26 |
| L6200N 4850E | | 15 | 0.40 | <10 | <10 | 93 | <10 | 14 |
| L6200N 4875E | | 14 | 0.41 | <10 | <10 | 162 | <10 | 54 |
| L6200N 4900E | | 22 | 0.16 | <10 | <10 | 105 | <10 | 74 |
| L6200N 4925E | | 24 | 0.17 | <10 | <10 | 218 | <10 | 262 |
| L6200N 4950E | | 51 | 0.18 | <10 | <10 | 134 | <10 | 61 |
| L6200N 4975E | | 26 | 0.28 | <10 | <10 | 228 | <10 | 165 |
| L6400N 4600E | | 10 | 0.13 | <10 | <10 | 71 | <10 | 34 |
| L6400N 4625E | | 12 | 0.12 | <10 | <10 | 70 | <10 | 29 |
| L6400N 4650E | | 12 | 0.08 | <10 | <10 | 58 | <10 | 39 |
| L6400N 4675E | | 9 | 0.12 | <10 | <10 | 126 | <10 | 53 |
| L6400N 4675E(D) | | 9 | 0.12 | <10 | <10 | 127 | <10 | 54 |
| L6400N 4700E | | 10 | 0.12 | <10 | <10 | 78 | <10 | 42 |
| L6400N 4725E | | 9 | 0.13 | <10 | <10 | 71 | <10 | 46 |
| L6400N 4750E | | 18 | 0.11 | <10 | <10 | 69 | <10 | 64 |
| L6400N 4775E | | 25 | 0.09 | <10 | <10 | 58 | <10 | 40 |
| L6400N 4800E | | 30 | 0.17 | <10 | <10 | 187 | <10 | 102 |
| L6400N 4825E | | 5 | 0.19 | <10 | <10 | 278 | <10 | 237 |
| L6400N 4850E | | 13 | 0.15 | <10 | <10 | 94 | <10 | 35 |
| L6400N 4875E | | 16 | 0.21 | <10 | <10 | 277 | <10 | 105 |
| L6400N 4900E | | 43 | 0.20 | <10 | <10 | 147 | <10 | 85 |
| L6400N 4900E(D) | | 43 | 0.21 | <10 | <10 | 147 | <10 | 86 |
| L6400N 4925E | | 27 | 0.20 | 10 | <10 | 167 | <10 | 117 |
| L6400N 4950E | | 38 | 0.23 | <10 | <10 | 179 | <10 | 99 |
| L6400N 4975E | | 31 | 0.27 | <10 | <10 | 123 | <10 | 61 |
| L6300N 4700E | | 11 | 0.06 | <10 | <10 | 62 | <10 | 52 |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 17-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-GRA21 Au ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L6300N 4700E(B) | | 0.06 | 0.007 | | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | <1 | 1 | 1 |
| L6300N 4725E | | 0.56 | <0.005 | | 0.2 | 2.36 | 4 | <10 | 250 | 0.7 | <2 | 0.43 | <0.5 | 15 | 28 | 62 |
| L6300N 4750E | | 0.40 | 0.005 | | 0.2 | 1.95 | 2 | <10 | 60 | 0.6 | 2 | 0.16 | <0.5 | 7 | 18 | 22 |
| L6300N 4775E | | 0.46 | 0.013 | | 0.2 | 2.96 | 6 | <10 | 210 | 0.8 | <2 | 0.23 | <0.5 | 14 | 58 | 55 |
| L6300N 4800E | | 0.50 | 0.041 | | 0.8 | 4.36 | 55 | <10 | 90 | 0.8 | <2 | 0.15 | <0.5 | 16 | 33 | 99 |
| L6300N 4800E(D) | | 0.46 | 0.026 | | 0.7 | 3.67 | 46 | <10 | 80 | 0.7 | <2 | 0.13 | <0.5 | 13 | 32 | 74 |
| L6300N 4825E | | 0.42 | 0.020 | | 0.5 | 3.70 | 15 | <10 | 60 | 1.2 | <2 | 0.11 | <0.5 | 8 | 25 | 56 |
| L6300N 4850E | | 0.40 | 0.070 | | 0.5 | 4.27 | 51 | <10 | 110 | 0.6 | <2 | 0.21 | 0.6 | 13 | 27 | 98 |
| L6300N 4875E | | 0.60 | 0.006 | | 0.3 | 4.01 | 5 | <10 | 250 | 0.6 | <2 | 0.81 | 0.5 | 31 | 115 | 195 |
| L6300N 4900E | | 0.50 | 0.007 | | 0.2 | 3.13 | <2 | <10 | 240 | <0.5 | <2 | 0.77 | 1.4 | 31 | 113 | 150 |
| L6300N 4925E | | 0.46 | <0.005 | | 0.3 | 2.90 | <2 | <10 | 120 | 0.5 | <2 | 0.59 | <0.5 | 24 | 108 | 116 |
| L6300N 4950E | | 0.44 | <0.005 | | <0.2 | 2.14 | <2 | <10 | 40 | 0.7 | <2 | 0.62 | <0.5 | 22 | 54 | 18 |
| L6300N 4975E | | 0.46 | 0.007 | | <0.2 | 2.79 | 11 | <10 | 50 | 0.6 | <2 | 0.20 | <0.5 | 13 | 58 | 50 |
| L7900N 4800E | | 0.30 | 0.168 | | 0.9 | 0.52 | <2 | <10 | 20 | <0.5 | 2 | 0.10 | <0.5 | 1 | 4 | 79 |
| L7900N 4825E | | 0.36 | 0.056 | | 0.2 | 0.73 | 5 | <10 | 20 | <0.5 | <2 | 0.07 | <0.5 | 1 | 5 | 25 |
| L7900N 4850E | | 0.22 | 0.065 | | 1.3 | 0.77 | 3 | <10 | 20 | <0.5 | 2 | 0.08 | <0.5 | 1 | 7 | 20 |
| L7900N 4875E | | 0.38 | 1.805 | 2.37 | 7.3 | 2.57 | 1695 | <10 | 60 | 2.0 | 2 | 0.80 | 14.2 | 110 | 7 | 5480 |
| L7900N 4900E | | 0.20 | 0.031 | | 0.4 | 0.45 | 2 | <10 | 10 | <0.5 | <2 | 0.11 | <0.5 | 1 | 5 | 36 |
| L7900N 4925E | | 0.20 | 0.013 | | 0.2 | 0.42 | <2 | <10 | 10 | <0.5 | 2 | 0.08 | <0.5 | 1 | 4 | 25 |
| L7900N 4950E | | 0.18 | 0.008 | | 0.2 | 0.63 | <2 | <10 | 10 | <0.5 | 2 | 0.14 | <0.5 | 1 | 6 | 7 |
| L7900N 4975E | | 0.18 | 0.010 | | 0.3 | 0.44 | <2 | <10 | 10 | <0.5 | 2 | 0.13 | <0.5 | 1 | 5 | 10 |
| L7900N 5000E | | 0.22 | 0.016 | | 0.6 | 0.79 | <2 | <10 | 10 | <0.5 | <2 | 0.29 | <0.5 | 1 | 5 | 106 |
| L7900N 5025E | | 0.24 | 0.058 | | 0.6 | 0.80 | 4 | <10 | 20 | <0.5 | <2 | 0.18 | <0.5 | 1 | 4 | 48 |
| L5050E 7175N | | 0.44 | 0.032 | | 0.4 | 3.62 | 16 | <10 | 30 | 1.0 | <2 | 0.18 | <0.5 | 15 | 40 | 142 |
| L5050E 7200N | | 0.36 | 0.020 | | 0.9 | 3.38 | 23 | <10 | 30 | 0.9 | <2 | 0.09 | <0.5 | 7 | 57 | 56 |
| L5050E 7225N | | 0.38 | 0.013 | | 0.5 | 4.29 | 6 | <10 | 20 | 0.8 | <2 | 0.24 | <0.5 | 8 | 47 | 152 |
| L5050E 7250N | | 0.40 | 0.163 | | 1.0 | 1.26 | 18 | <10 | 20 | <0.5 | 2 | 0.10 | 0.5 | 2 | 34 | 47 |
| L5050E 7275N | | 0.30 | 0.154 | | 0.3 | 2.11 | 47 | <10 | 30 | 0.8 | 2 | 0.17 | 0.5 | 5 | 22 | 253 |
| L5050E 7300N | | 0.36 | 0.063 | | 0.9 | 0.89 | <2 | <10 | 20 | <0.5 | 2 | 0.09 | <0.5 | 1 | 5 | 11 |
| L5050E 7325N | | 0.22 | 0.046 | | 0.4 | 0.89 | 2 | <10 | 10 | <0.5 | 2 | 0.08 | <0.5 | <1 | 7 | 12 |
| L5050E 7350N | | 0.36 | 0.156 | | 1.1 | 3.10 | 12 | <10 | 30 | 0.7 | <2 | 0.15 | <0.5 | 8 | 79 | 290 |
| L5050E 7375N | | 0.28 | 0.024 | | 0.6 | 0.60 | <2 | <10 | 10 | <0.5 | 2 | 0.12 | <0.5 | 1 | 7 | 99 |
| L5050E 7400N | | 0.40 | 0.027 | | 0.4 | 1.68 | 31 | <10 | 30 | <0.5 | 3 | 0.14 | <0.5 | 4 | 22 | 91 |
| L5050E 7400N(D) | | 0.42 | 0.027 | | 0.4 | 1.47 | 39 | <10 | 30 | 0.5 | <2 | 0.13 | <0.5 | 6 | 26 | 93 |
| L5050E 7425N | | 0.44 | 0.022 | | 0.7 | 2.01 | 12 | <10 | 30 | <0.5 | 2 | 0.21 | <0.5 | 5 | 69 | 59 |
| L5050E 7450N | | 0.46 | 0.359 | | 0.4 | 2.64 | 17 | <10 | 30 | 0.6 | 2 | 0.12 | <0.5 | 5 | 21 | 260 |
| L5050E 7475N | | 0.38 | 0.029 | | 0.4 | 2.48 | 30 | <10 | 20 | 0.5 | 2 | 0.08 | <0.5 | 4 | 16 | 74 |
| L5050E 7500N | | 0.32 | 0.045 | | 0.2 | 0.62 | <2 | <10 | 10 | <0.5 | <2 | 0.04 | <0.5 | 1 | 2 | 14 |
| L5050E 7525N | | 0.44 | 0.009 | | 0.2 | 0.35 | <2 | <10 | 10 | <0.5 | 2 | 0.05 | <0.5 | 1 | 4 | 13 |
| L5050E 7550N | | 0.32 | 0.052 | | 0.2 | 0.64 | <2 | <10 | 10 | <0.5 | 2 | 0.05 | <0.5 | 1 | 3 | 27 |

Comments: NSS is non-sufficient sample.

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**Finalized Date: 17-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| L6300N 4700E(B) | | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | <1 | 10 | <2 | 0.01 | <2 | <1 |
| L6300N 4725E | | 4.33 | <10 | <1 | 0.05 | 10 | 0.89 | 1060 | 1 | 0.01 | 27 | 770 | 10 | 0.02 | <2 | 6 |
| L6300N 4750E | | 3.64 | 10 | <1 | 0.03 | 10 | 0.54 | 357 | 1 | 0.01 | 13 | 580 | 5 | 0.05 | <2 | 2 |
| L6300N 4775E | | 4.11 | 10 | <1 | 0.16 | 10 | 1.65 | 862 | 1 | 0.03 | 16 | 980 | 9 | 0.08 | <2 | 7 |
| L6300N 4800E | | 5.56 | 10 | 1 | 0.23 | 10 | 1.40 | 1375 | 2 | 0.01 | 14 | 870 | 23 | 0.05 | <2 | 9 |
| L6300N 4800E(D) | | 5.01 | 10 | <1 | 0.20 | 10 | 1.13 | 1005 | 1 | 0.01 | 14 | 740 | 20 | 0.05 | 2 | 7 |
| L6300N 4825E | | 4.15 | 10 | <1 | 0.22 | 10 | 1.13 | 498 | 2 | 0.02 | 8 | 930 | 14 | 0.07 | <2 | 3 |
| L6300N 4850E | | 5.06 | 10 | <1 | 0.24 | 10 | 1.61 | 857 | 1 | 0.02 | 14 | 1090 | 18 | 0.06 | <2 | 8 |
| L6300N 4875E | | 5.68 | 10 | <1 | 0.83 | 10 | 3.25 | 1535 | 1 | 0.01 | 40 | 1660 | 11 | 0.03 | <2 | 9 |
| L6300N 4900E | | 4.65 | 10 | <1 | 0.73 | <10 | 2.61 | 1625 | 1 | 0.01 | 42 | 1350 | 13 | 0.03 | <2 | 6 |
| L6300N 4925E | | 4.00 | 10 | <1 | 0.65 | 10 | 2.51 | 514 | <1 | 0.02 | 35 | 1480 | 3 | 0.04 | <2 | 3 |
| L6300N 4950E | | 3.41 | 10 | <1 | 0.05 | 10 | 1.83 | 752 | 1 | 0.01 | 26 | 1410 | 4 | 0.06 | <2 | 1 |
| L6300N 4975E | | 6.14 | 10 | <1 | 0.08 | 10 | 1.13 | 833 | 1 | 0.01 | 19 | 640 | 11 | 0.05 | <2 | 6 |
| L7900N 4800E | | 0.47 | <10 | <1 | 0.02 | 10 | 0.03 | 25 | 1 | 0.01 | 1 | 390 | 6 | 0.05 | <2 | <1 |
| L7900N 4825E | | 0.49 | 10 | <1 | 0.02 | 10 | 0.06 | 34 | 1 | 0.01 | 2 | 220 | 12 | 0.02 | <2 | <1 |
| L7900N 4850E | | 0.84 | 10 | <1 | 0.04 | 10 | 0.03 | 39 | 1 | 0.03 | 3 | 390 | 7 | 0.04 | <2 | <1 |
| L7900N 4875E | | 7.93 | 10 | <1 | 0.07 | 20 | 0.50 | 4480 | 67 | 0.06 | 17 | 1260 | 866 | 0.18 | 21 | 3 |
| L7900N 4900E | | 0.59 | <10 | <1 | 0.05 | 10 | 0.03 | 59 | 1 | 0.05 | 1 | 470 | 7 | 0.04 | <2 | <1 |
| L7900N 4925E | | 0.54 | <10 | <1 | 0.05 | 10 | 0.03 | 40 | 1 | 0.03 | 1 | 620 | 5 | 0.06 | <2 | <1 |
| L7900N 4950E | | 1.16 | 10 | <1 | 0.06 | 10 | 0.16 | 71 | 1 | 0.04 | 2 | 450 | 7 | 0.04 | <2 | <1 |
| L7900N 4975E | | 0.72 | 10 | <1 | 0.05 | 10 | 0.11 | 75 | 1 | 0.04 | 2 | 370 | 4 | 0.03 | <2 | <1 |
| L7900N 5000E | | 0.86 | 10 | <1 | 0.05 | 10 | 0.22 | 94 | 3 | 0.02 | 3 | 500 | 8 | 0.04 | <2 | 1 |
| L7900N 5025E | | 0.79 | 10 | <1 | 0.04 | 10 | 0.10 | 39 | 3 | 0.01 | 2 | 280 | 10 | 0.04 | <2 | 1 |
| L5050E 7175N | | 4.22 | 10 | <1 | 0.04 | 10 | 0.53 | 825 | 6 | 0.01 | 18 | 1180 | 20 | 0.07 | <2 | 3 |
| L5050E 7200N | | 6.08 | 10 | <1 | 0.08 | 10 | 1.00 | 289 | 3 | 0.01 | 16 | 590 | 19 | 0.06 | <2 | 6 |
| L5050E 7225N | | 4.77 | 10 | <1 | 0.09 | 10 | 0.90 | 275 | 1 | 0.02 | 15 | 570 | 25 | 0.06 | 2 | 3 |
| L5050E 7250N | | 2.99 | 10 | <1 | 0.03 | 10 | 0.14 | 70 | 5 | 0.01 | 6 | 450 | 32 | 0.05 | 2 | 1 |
| L5050E 7275N | | 5.78 | 20 | <1 | 0.04 | 10 | 0.32 | 207 | 16 | 0.01 | 7 | 420 | 16 | 0.06 | 3 | 3 |
| L5050E 7300N | | 0.85 | 10 | <1 | 0.04 | 10 | 0.07 | 54 | 4 | 0.01 | 1 | 180 | 10 | 0.04 | <2 | 1 |
| L5050E 7325N | | 2.01 | 10 | <1 | 0.04 | 20 | 0.03 | 51 | 3 | 0.05 | 1 | 310 | 14 | 0.07 | 2 | 1 |
| L5050E 7350N | | 6.74 | 10 | 1 | 0.12 | 10 | 0.98 | 282 | 5 | 0.01 | 22 | 370 | 8 | 0.07 | 2 | 3 |
| L5050E 7375N | | 0.74 | 10 | <1 | 0.06 | 10 | 0.11 | 60 | 1 | 0.04 | 2 | 720 | 7 | 0.07 | <2 | <1 |
| L5050E 7400N | | 4.77 | 20 | <1 | 0.04 | 10 | 0.37 | 195 | 6 | 0.01 | 7 | 580 | 13 | 0.04 | 2 | 2 |
| L5050E 7400N(D) | | 4.00 | 10 | <1 | 0.05 | 10 | 0.35 | 190 | 5 | <0.01 | 10 | 480 | 10 | 0.03 | <2 | 2 |
| L5050E 7425N | | 6.87 | 20 | <1 | 0.05 | 10 | 0.55 | 321 | 4 | 0.01 | 21 | 540 | 10 | 0.05 | 2 | 3 |
| L5050E 7450N | | 5.42 | 10 | 1 | 0.03 | 10 | 0.43 | 246 | 9 | 0.02 | 9 | 630 | 11 | 0.04 | <2 | 2 |
| L5050E 7475N | | 7.39 | 20 | 1 | 0.02 | 10 | 0.27 | 322 | 4 | 0.01 | 5 | 600 | 13 | 0.05 | 4 | 2 |
| L5050E 7500N | | 0.56 | 10 | <1 | 0.02 | <10 | 0.10 | 35 | 1 | 0.01 | 1 | 200 | 5 | 0.01 | 2 | 1 |
| L5050E 7525N | | 0.60 | <10 | <1 | 0.06 | 10 | 0.02 | 58 | 1 | 0.07 | 1 | 320 | 7 | 0.02 | <2 | <1 |
| L5050E 7550N | | 0.37 | 10 | <1 | 0.03 | 10 | 0.02 | 26 | 1 | 0.02 | <1 | 470 | 10 | 0.03 | 2 | <1 |

Comments: NSS is non-sufficient sample.

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Finalized Date: 17-AUG-2006
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## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|
| | Analyte | Sr | Ti | Tl | U | V | W | Zn |
| | Units | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | LOR | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| L6300N 4700E(B) | | <1 | <0.01 | <10 | <10 | <1 | <10 | 3 |
| L6300N 4725E | | 26 | 0.06 | <10 | <10 | 66 | <10 | 70 |
| L6300N 4750E | | 9 | 0.05 | <10 | <10 | 61 | <10 | 44 |
| L6300N 4775E | | 15 | 0.17 | <10 | <10 | 151 | <10 | 67 |
| L6300N 4800E | | 9 | 0.16 | <10 | <10 | 150 | <10 | 128 |
| L6300N 4800E(D) | | 10 | 0.16 | <10 | <10 | 144 | <10 | 105 |
| L6300N 4825E | | 8 | 0.08 | <10 | <10 | 107 | <10 | 84 |
| L6300N 4850E | | 15 | 0.14 | <10 | <10 | 163 | <10 | 150 |
| L6300N 4875E | | 39 | 0.25 | 10 | <10 | 178 | <10 | 176 |
| L6300N 4900E | | 43 | 0.19 | <10 | <10 | 144 | <10 | 177 |
| L6300N 4925E | | 30 | 0.22 | <10 | <10 | 186 | <10 | 94 |
| L6300N 4950E | | 35 | 0.10 | <10 | <10 | 165 | <10 | 87 |
| L6300N 4975E | | 15 | 0.19 | <10 | <10 | 161 | <10 | 76 |
| L7900N 4800E | | 11 | 0.05 | <10 | <10 | 11 | <10 | 6 |
| L7900N 4825E | | 12 | 0.03 | <10 | <10 | 19 | <10 | 11 |
| L7900N 4850E | | 6 | 0.06 | <10 | <10 | 14 | <10 | 11 |
| L7900N 4875E | | 27 | 0.07 | 10 | <10 | 49 | <10 | 949 |
| L7900N 4900E | | 7 | 0.09 | <10 | <10 | 13 | <10 | 14 |
| L7900N 4925E | | 8 | 0.06 | <10 | <10 | 11 | <10 | 9 |
| L7900N 4950E | | 12 | 0.15 | <10 | <10 | 33 | <10 | 13 |
| L7900N 4975E | | 12 | 0.09 | <10 | <10 | 20 | <10 | 11 |
| L7900N 5000E | | 29 | 0.10 | <10 | <10 | 34 | <10 | 11 |
| L7900N 5025E | | 19 | 0.21 | <10 | <10 | 59 | <10 | 7 |
| L5050E 7175N | | 16 | 0.11 | <10 | <10 | 67 | <10 | 57 |
| L5050E 7200N | | 10 | 0.22 | <10 | <10 | 158 | <10 | 35 |
| L5050E 7225N | | 16 | 0.24 | <10 | <10 | 104 | <10 | 35 |
| L5050E 7250N | | 10 | 0.22 | <10 | <10 | 126 | <10 | 18 |
| L5050E 7275N | | 15 | 0.18 | <10 | <10 | 142 | <10 | 64 |
| L5050E 7300N | | 8 | 0.13 | <10 | <10 | 54 | <10 | 12 |
| L5050E 7325N | | 6 | 0.27 | <10 | <10 | 94 | <10 | 10 |
| L5050E 7350N | | 8 | 0.22 | <10 | <10 | 111 | <10 | 25 |
| L5050E 7375N | | 31 | 0.10 | <10 | <10 | 23 | <10 | 12 |
| L5050E 7400N | | 14 | 0.29 | <10 | <10 | 153 | <10 | 31 |
| L5050E 7400N(D) | | 13 | 0.35 | <10 | <10 | 172 | <10 | 35 |
| L5050E 7425N | | 17 | 0.45 | <10 | <10 | 171 | <10 | 33 |
| L5050E 7450N | | 10 | 0.13 | <10 | <10 | 85 | <10 | 33 |
| L5050E 7475N | | 8 | 0.19 | <10 | <10 | 132 | <10 | 26 |
| L5050E 7500N | | 4 | 0.11 | <10 | <10 | 46 | <10 | 7 |
| L5050E 7525N | | 4 | 0.10 | <10 | <10 | 12 | <10 | 12 |
| L5050E 7550N | | 5 | 0.08 | <10 | <10 | 12 | <10 | 8 |

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 17-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-GRA21 Au ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L5050E 7575N | | 0.32 | 0.036 | | 0.2 | 0.55 | <2 | <10 | 10 | <0.5 | <2 | 0.09 | <0.5 | 1 | 5 | 14 |
| L5050E 7600N | | 0.32 | 0.035 | | 0.4 | 1.77 | <2 | <10 | 30 | <0.5 | <2 | 0.07 | <0.5 | 2 | 4 | 28 |
| L5050E 7625N | | 0.30 | 0.205 | | 0.6 | 1.33 | 30 | <10 | 30 | 0.7 | 2 | 0.19 | 0.5 | 34 | 11 | 742 |
| L5050E 7650N | | 0.46 | <0.005 | | <0.2 | 0.85 | 9 | <10 | 10 | <0.5 | <2 | 0.02 | <0.5 | 2 | 1 | 9 |
| L5050E 7675N | | 0.28 | 0.007 | | 0.2 | 0.49 | <2 | <10 | 10 | <0.5 | <2 | 0.06 | <0.5 | 1 | 4 | 8 |
| L5050E 7700N | | 0.44 | 0.021 | | 0.5 | 0.43 | <2 | <10 | 10 | <0.5 | 2 | 0.08 | <0.5 | 1 | 2 | 20 |
| L5050E 7700N(B) | | 0.06 | <0.005 | | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | <1 | 1 |
| L7100N 4425E | | 0.44 | 0.008 | | 0.2 | 1.11 | 3 | <10 | 60 | <0.5 | <2 | 0.14 | <0.5 | 2 | 10 | 20 |
| L7100N 4450E | | 0.18 | <0.005 | | <0.2 | 0.54 | 4 | <10 | 90 | <0.5 | <2 | 0.31 | <0.5 | 3 | 5 | 17 |
| L7100N 4475E | | 0.48 | 0.022 | | <0.2 | 3.72 | 26 | <10 | 50 | 0.5 | <2 | 0.14 | <0.5 | 12 | 68 | 212 |
| L7100N 4500E | | 0.30 | <0.005 | | 0.2 | 2.66 | 42 | <10 | 50 | 0.5 | <2 | 0.91 | <0.5 | 11 | 34 | 237 |
| L7100N 4525E | | 0.46 | 0.016 | | 0.3 | 2.71 | 30 | <10 | 130 | 1.2 | <2 | 1.16 | 0.8 | 37 | 77 | 1395 |
| L7100N 4525E(D) | | 0.44 | 0.013 | | 0.3 | 2.63 | 36 | <10 | 120 | 1.4 | <2 | 1.15 | 0.8 | 43 | 94 | 1545 |
| L7100N 4550E | | 0.28 | <0.005 | | 1.2 | 2.44 | 13 | <10 | 90 | 0.9 | 2 | 0.30 | <0.5 | 28 | 87 | 101 |
| L7100N 4575E | | 0.50 | <0.005 | | 0.4 | 3.88 | 87 | <10 | 50 | 1.1 | <2 | 0.35 | 0.5 | 45 | 158 | 222 |
| L7100N 4600E | | 0.30 | <0.005 | | 0.7 | 1.65 | 26 | <10 | 60 | 0.8 | 2 | 0.46 | 0.7 | 8 | 30 | 60 |
| L7100N 4625E | | 0.46 | 0.011 | | 0.6 | 2.76 | 56 | <10 | 90 | 0.8 | 2 | 0.22 | <0.5 | 9 | 16 | 90 |
| L7100N 4650E | | 0.28 | 0.018 | | 0.4 | 2.71 | 8 | <10 | 80 | 0.9 | <2 | 1.52 | <0.5 | 30 | 14 | 186 |
| L7100N 4675E | | 0.46 | 0.018 | | 0.8 | 2.13 | 68 | <10 | 60 | 0.7 | 2 | 0.11 | <0.5 | 6 | 17 | 110 |
| L7100N 4700E | | 0.40 | 0.080 | | 1.3 | 2.28 | 50 | <10 | 30 | 0.9 | 2 | 0.32 | <0.5 | 33 | 15 | 804 |
| L7100N 4725E | | 0.34 | 0.071 | | 0.7 | 2.26 | 29 | <10 | 40 | 0.6 | <2 | 0.24 | <0.5 | 23 | 24 | 315 |
| L7100N 4750E | | 0.40 | 0.029 | | 0.8 | 2.62 | 61 | <10 | 30 | 0.7 | 2 | 0.15 | <0.5 | 11 | 20 | 209 |
| L7100N 4750E(D) | | 0.30 | 0.031 | | 0.6 | 2.53 | 50 | <10 | 20 | 0.6 | 2 | 0.16 | <0.5 | 16 | 20 | 258 |
| L7100N 4775E | | 0.30 | 0.059 | | 0.6 | 1.84 | 128 | <10 | 20 | 0.7 | <2 | 0.33 | 0.5 | 50 | 10 | 782 |
| L7100N 4775E(B) | | 0.06 | 0.020 | | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS |
| L7175N 4950E | | 0.46 | 0.072 | | 0.7 | 2.57 | 11 | <10 | 20 | 0.5 | <2 | 0.35 | <0.5 | 9 | 201 | 482 |
| L7175N 4975E | | 0.46 | 0.010 | | 0.5 | 3.30 | <2 | <10 | 70 | 0.5 | <2 | 0.34 | <0.5 | 18 | 456 | 68 |
| L7175N 5025E | | 0.34 | 0.026 | | 0.7 | 4.24 | 14 | <10 | 20 | 1.1 | 2 | 0.14 | <0.5 | 7 | 116 | 168 |
| B391323 | | 0.44 | 0.022 | | <0.2 | 3.76 | 17 | 10 | 80 | 0.7 | <2 | 0.74 | <0.5 | 28 | 73 | 483 |
| B391324 | | 0.30 | 0.037 | | 0.3 | 2.47 | 16 | 10 | 60 | 0.6 | <2 | 0.83 | <0.5 | 21 | 43 | 248 |
| B391325 | | 0.40 | 0.009 | | 0.2 | 2.17 | 19 | <10 | 110 | 1.3 | <2 | 0.73 | <0.5 | 16 | 43 | 130 |
| B391326 | | 0.32 | 0.009 | | 0.2 | 2.60 | 27 | <10 | 50 | 1.2 | <2 | 0.51 | <0.5 | 19 | 41 | 152 |
| B391327 | | 0.52 | 0.017 | | 0.4 | 4.09 | 23 | <10 | 70 | 0.8 | <2 | 0.25 | <0.5 | 14 | 66 | 211 |
| B391328 | | 0.36 | 0.023 | | 0.3 | 3.22 | 28 | 10 | 80 | 1.1 | <2 | 0.59 | <0.5 | 23 | 40 | 292 |
| B391329 | | 0.50 | 0.006 | | 0.4 | 2.78 | 27 | <10 | 120 | 1.6 | <2 | 0.65 | <0.5 | 20 | 32 | 117 |
| B391330 | | 0.26 | <0.005 | | 0.3 | 1.77 | 21 | <10 | 80 | 1.0 | <2 | 0.45 | <0.5 | 14 | 28 | 39 |
| B391331 | | 0.50 | 0.005 | | 0.3 | 2.05 | 16 | <10 | 80 | 1.4 | <2 | 0.34 | <0.5 | 12 | 25 | 95 |
| B391332 | | 0.26 | 0.006 | | 0.2 | 2.15 | 4 | <10 | 120 | 1.3 | <2 | 0.45 | <0.5 | 13 | 19 | 100 |
| B391333 | | 0.54 | 0.011 | | 0.2 | 2.22 | 13 | <10 | 100 | 1.6 | <2 | 0.26 | <0.5 | 14 | 21 | 68 |
| B391334 | | 0.40 | 0.010 | | 0.3 | 3.25 | 85 | <10 | 70 | 2.2 | <2 | 0.43 | <0.5 | 32 | 38 | 212 |

Comments: NSS is non-sufficient sample.

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**VANCOUVER BC V6C 1G8**


**Finalized Date: 17-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| L5050E 7575N | | 0.78 | 10 | <1 | 0.06 | 10 | 0.04 | 55 | 1 | 0.06 | 2 | 340 | 5 | 0.02 | <2 | <1 |
| L5050E 7600N | | 1.66 | 20 | <1 | 0.08 | 10 | 0.34 | 55 | 2 | 0.01 | 1 | 300 | 15 | 0.01 | 2 | 2 |
| L5050E 7625N | | 2.83 | 20 | <1 | 0.06 | 10 | 0.23 | 1345 | 5 | 0.02 | 4 | 620 | 24 | 0.03 | 5 | 1 |
| L5050E 7650N | | 0.53 | 10 | <1 | 0.04 | 10 | 0.02 | 23 | 1 | <0.01 | <1 | 170 | 2 | <0.01 | <2 | <1 |
| L5050E 7675N | | 0.59 | 10 | <1 | 0.04 | 10 | 0.02 | 36 | 1 | 0.03 | 1 | 420 | 8 | 0.03 | <2 | <1 |
| L5050E 7700N | | 0.31 | 10 | <1 | 0.03 | <10 | 0.04 | 30 | 1 | 0.01 | <1 | 430 | 11 | 0.02 | <2 | <1 |
| L5050E 7700N(B) | | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | <1 | 10 | <2 | <0.01 | <2 | <1 |
| L7100N 4425E | | 1.75 | 10 | <1 | 0.03 | 10 | 0.19 | 88 | 2 | 0.01 | 2 | 490 | 12 | 0.04 | <2 | 1 |
| L7100N 4450E | | 1.02 | 10 | <1 | 0.05 | 10 | 0.15 | 96 | 1 | 0.01 | 2 | 570 | 7 | 0.06 | <2 | 1 |
| L7100N 4475E | | 6.27 | 10 | <1 | 0.11 | 10 | 1.75 | 395 | 3 | 0.01 | 31 | 800 | 20 | 0.05 | <2 | 7 |
| L7100N 4500E | | 4.57 | 10 | <1 | 0.11 | 20 | 1.26 | 624 | 2 | 0.02 | 12 | 1290 | 21 | 0.12 | 2 | 4 |
| L7100N 4525E | | 4.92 | 10 | <1 | 0.33 | 10 | 1.63 | 1235 | 4 | 0.02 | 65 | 1460 | 16 | 0.06 | <2 | 4 |
| L7100N 4525E(D) | | 4.87 | 10 | <1 | 0.39 | 10 | 1.60 | 1180 | 4 | 0.02 | 79 | 1380 | 15 | 0.06 | <2 | 4 |
| L7100N 4550E | | 5.27 | 10 | <1 | 0.46 | 10 | 1.41 | 4000 | 5 | 0.03 | 19 | 2560 | 29 | 0.07 | <2 | 4 |
| L7100N 4575E | | 6.26 | 10 | 1 | 0.24 | 10 | 1.99 | 1725 | 5 | 0.01 | 36 | 1000 | 39 | 0.06 | <2 | 7 |
| L7100N 4600E | | 4.34 | 20 | <1 | 0.18 | 10 | 0.49 | 488 | 8 | 0.01 | 14 | 650 | 20 | 0.09 | <2 | 2 |
| L7100N 4625E | | 6.08 | 10 | <1 | 0.62 | 10 | 1.45 | 664 | 2 | 0.02 | 8 | 990 | 6 | 0.07 | <2 | 10 |
| L7100N 4650E | | 6.29 | 10 | 1 | 0.63 | 10 | 2.10 | 1510 | 2 | 0.02 | 13 | 2730 | 7 | 0.04 | <2 | 12 |
| L7100N 4675E | | 6.49 | 10 | <1 | 0.10 | 20 | 0.54 | 262 | 5 | 0.01 | 10 | 690 | 15 | 0.08 | <2 | 1 |
| L7100N 4700E | | 8.05 | 10 | <1 | 0.27 | <10 | 1.52 | 955 | 37 | 0.01 | 12 | 2620 | 20 | 0.07 | 5 | 5 |
| L7100N 4725E | | 4.57 | 10 | <1 | 0.44 | 10 | 1.72 | 626 | 10 | 0.02 | 12 | 1300 | 11 | 0.05 | 2 | 9 |
| L7100N 4750E | | 5.69 | 10 | <1 | 0.08 | 10 | 1.29 | 322 | 4 | 0.02 | 9 | 660 | 14 | 0.04 | 3 | 7 |
| L7100N 4750E(D) | | 5.85 | 10 | 1 | 0.09 | 10 | 1.35 | 361 | 3 | 0.01 | 11 | 640 | 13 | 0.04 | 3 | 7 |
| L7100N 4775E | | 12.40 | <10 | 1 | 0.03 | 10 | 0.60 | 880 | 4 | 0.01 | 34 | 1360 | 20 | 0.21 | <2 | 4 |
| L7100N 4775E(B) | | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS |
| L7175N 4950E | | 4.90 | 10 | 1 | 0.25 | 10 | 1.93 | 410 | 3 | 0.03 | 86 | 1760 | 7 | 0.05 | <2 | 2 |
| L7175N 4975E | | 4.85 | 10 | <1 | 0.90 | <10 | 2.73 | 314 | 1 | 0.01 | 202 | 1560 | 3 | 0.01 | <2 | 1 |
| L7175N 5025E | | 4.45 | 10 | <1 | 0.09 | 10 | 1.03 | 212 | 4 | 0.02 | 46 | 620 | 7 | 0.06 | <2 | 3 |
| B391323 | | 5.33 | 10 | <1 | 0.10 | 10 | 1.82 | 820 | 1 | 0.03 | 45 | 1030 | 8 | 0.04 | <2 | 9 |
| B391324 | | 4.73 | 10 | <1 | 0.07 | 10 | 1.31 | 778 | <1 | 0.03 | 27 | 1520 | 12 | 0.03 | 2 | 7 |
| B391325 | | 4.42 | 10 | <1 | 0.08 | 20 | 0.96 | 1245 | 2 | 0.04 | 20 | 960 | 15 | 0.10 | <2 | 5 |
| B391326 | | 4.73 | 10 | <1 | 0.07 | 10 | 1.05 | 1265 | 1 | 0.02 | 23 | 1230 | 16 | 0.06 | 2 | 5 |
| B391327 | | 4.72 | 10 | <1 | 0.05 | 10 | 1.10 | 507 | 1 | 0.02 | 28 | 1070 | 10 | 0.07 | <2 | 5 |
| B391328 | | 5.16 | 10 | <1 | 0.09 | 10 | 1.31 | 1325 | 1 | 0.02 | 25 | 1080 | 20 | 0.05 | <2 | 9 |
| B391329 | | 5.08 | 10 | <1 | 0.08 | 10 | 0.84 | 1590 | 2 | 0.02 | 15 | 1450 | 29 | 0.11 | 2 | 4 |
| B391330 | | 4.95 | 10 | <1 | 0.09 | 10 | 0.54 | 1170 | 2 | 0.03 | 10 | 1880 | 14 | 0.12 | 2 | 1 |
| B391331 | | 3.98 | 10 | 2 | 0.07 | 20 | 0.54 | 1495 | 1 | 0.04 | 12 | 1600 | 10 | 0.08 | 2 | 1 |
| B391332 | | 3.74 | 10 | 1 | 0.09 | 10 | 0.78 | 1365 | 1 | 0.06 | 10 | 1130 | 5 | 0.08 | <2 | 2 |
| B391333 | | 4.14 | 10 | <1 | 0.08 | 20 | 0.64 | 1465 | 2 | 0.04 | 8 | 1120 | 5 | 0.08 | 3 | 1 |
| B391334 | | 4.71 | 10 | <1 | 0.10 | 30 | 0.71 | 2830 | 6 | 0.03 | 14 | 1580 | 11 | 0.09 | <2 | 3 |

Comments: NSS is non-sufficient sample.

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**Finalized Date: 17-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|
| | Analyte | Sr | Ti | Tl | U | V | W | Zn |
| | Units | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | LOR | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| L5050E 7575N | | 16 | 0.11 | <10 | <10 | 19 | <10 | 11 |
| L5050E 7600N | | 11 | 0.13 | <10 | <10 | 76 | <10 | 12 |
| L5050E 7625N | | 13 | 0.23 | <10 | <10 | 92 | <10 | 31 |
| L5050E 7650N | | 1 | <0.01 | <10 | <10 | 19 | <10 | 4 |
| L5050E 7675N | | 6 | 0.11 | <10 | <10 | 19 | <10 | 8 |
| L5050E 7700N | | 7 | 0.05 | <10 | <10 | 13 | <10 | 6 |
| L5050E 7700N(B) | | <1 | <0.01 | <10 | <10 | <1 | <10 | 4 |
| L7100N 4425E | | 12 | 0.10 | <10 | <10 | 61 | <10 | 14 |
| L7100N 4450E | | 13 | 0.04 | <10 | <10 | 35 | <10 | 21 |
| L7100N 4475E | | 12 | 0.16 | <10 | <10 | 125 | <10 | 72 |
| L7100N 4500E | | 59 | 0.11 | <10 | <10 | 127 | <10 | 132 |
| L7100N 4525E | | 81 | 0.19 | <10 | <10 | 166 | <10 | 215 |
| L7100N 4525E(D) | | 80 | 0.23 | <10 | <10 | 201 | <10 | 262 |
| L7100N 4550E | | 27 | 0.14 | 10 | <10 | 175 | <10 | 133 |
| L7100N 4575E | | 28 | 0.16 | <10 | <10 | 176 | <10 | 272 |
| L7100N 4600E | | 31 | 0.29 | <10 | <10 | 198 | <10 | 55 |
| L7100N 4625E | | 24 | 0.29 | <10 | <10 | 322 | <10 | 43 |
| L7100N 4650E | | 158 | 0.23 | <10 | <10 | 281 | <10 | 40 |
| L7100N 4675E | | 8 | 0.08 | <10 | <10 | 116 | <10 | 40 |
| L7100N 4700E | | 16 | 0.14 | <10 | <10 | 173 | <10 | 67 |
| L7100N 4725E | | 6 | 0.20 | <10 | <10 | 158 | <10 | 59 |
| L7100N 4750E | | 5 | 0.20 | <10 | <10 | 153 | <10 | 32 |
| L7100N 4750E(D) | | 6 | 0.20 | <10 | <10 | 152 | <10 | 36 |
| L7100N 4775E | | 19 | 0.05 | 10 | <10 | 47 | <10 | 75 |
| L7100N 4775E(B) | | NSS | NSS | NSS | NSS | NSS | NSS | NSS |
| L7175N 4950E | | 15 | 0.19 | <10 | <10 | 113 | <10 | 41 |
| L7175N 4975E | | 8 | 0.32 | <10 | <10 | 125 | <10 | 39 |
| L7175N 5025E | | 13 | 0.25 | <10 | <10 | 99 | <10 | 24 |
| B391323 | | 42 | 0.23 | <10 | <10 | 173 | <10 | 63 |
| B391324 | | 52 | 0.20 | <10 | <10 | 154 | <10 | 69 |
| B391325 | | 42 | 0.11 | <10 | <10 | 139 | <10 | 71 |
| B391326 | | 40 | 0.14 | <10 | <10 | 170 | <10 | 69 |
| B391327 | | 22 | 0.12 | <10 | <10 | 140 | <10 | 60 |
| B391328 | | 56 | 0.17 | <10 | <10 | 195 | <10 | 76 |
| B391329 | | 43 | 0.10 | <10 | <10 | 163 | <10 | 84 |
| B391330 | | 28 | 0.06 | <10 | <10 | 140 | <10 | 81 |
| B391331 | | 27 | 0.05 | 10 | <10 | 108 | <10 | 55 |
| B391332 | | 26 | 0.05 | <10 | <10 | 90 | <10 | 73 |
| B391333 | | 20 | 0.05 | <10 | <10 | 127 | <10 | 66 |
| B391334 | | 35 | 0.05 | <10 | <10 | 171 | <10 | 81 |

Comments: NSS is non-sufficient sample.

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700 - 700 PENDER ST.
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Finalized Date: 17-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method | WEI-21 | Au-AA23 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu |
| | Units | kg | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.005 | 0.05 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 |
| B391335 | | 0.38 | 0.007 | | 0.4 | 2.82 | 73 | <10 | 110 | 1.3 | <2 | 1.12 | <0.5 | 34 | 30 | 89 |
| B391335 (D) | | 0.34 | 0.007 | | 0.2 | 2.88 | 71 | <10 | 120 | 1.4 | <2 | 1.19 | <0.5 | 35 | 29 | 87 |
| B391336 | | 0.22 | 0.009 | | 0.4 | 1.60 | 12 | <10 | 110 | 1.4 | <2 | 0.27 | <0.5 | 14 | 9 | 45 |
| B391337 | | 0.36 | 0.007 | | 0.2 | 1.86 | 14 | <10 | 100 | 1.3 | <2 | 0.13 | <0.5 | 16 | 11 | 167 |
| B391338 | | 0.28 | 0.051 | | 1.8 | 2.48 | 47 | 2440 | 80 | 2.0 | <2 | 2.20 | 0.5 | 48 | 10 | 186 |
| B391339 | | 0.38 | 0.011 | | 0.5 | 2.83 | 34 | 10 | 110 | 1.4 | <2 | 1.07 | 0.9 | 53 | 16 | 204 |
| B391340 | | 0.28 | 0.006 | | 0.4 | 2.26 | 15 | <10 | 130 | 1.1 | <2 | 0.93 | <0.5 | 15 | 26 | 93 |
| B391341 | | 0.32 | 0.014 | | 0.4 | 1.26 | 11 | <10 | 60 | 1.0 | <2 | 0.40 | <0.5 | 12 | 10 | 38 |
| B391342 | | 0.22 | 0.010 | | 0.3 | 1.65 | 18 | <10 | 50 | <0.5 | <2 | 0.22 | <0.5 | 6 | 26 | 35 |
| B391343 | | 0.36 | 0.010 | | 0.5 | 1.46 | 2 | <10 | 20 | <0.5 | <2 | 0.18 | <0.5 | 3 | 15 | 21 |
| B391344 | | 0.22 | 0.015 | | 0.3 | 2.01 | 16 | <10 | 40 | <0.5 | <2 | 0.15 | <0.5 | 6 | 26 | 53 |
| B391345 | | 0.30 | 0.005 | | 1.0 | 0.79 | 5 | <10 | 20 | <0.5 | <2 | 0.05 | <0.5 | 1 | 4 | 29 |
| B391346 | | 0.22 | 0.016 | | 0.2 | 2.53 | 12 | <10 | 40 | 0.5 | 2 | 0.17 | <0.5 | 6 | 42 | 45 |
| B391346 (D) | | 0.26 | 0.009 | | 0.4 | 2.93 | 11 | <10 | 30 | 0.5 | <2 | 0.22 | <0.5 | 9 | 50 | 62 |
| B391347 | | 0.28 | 0.005 | | 0.3 | 0.56 | 6 | <10 | 10 | <0.5 | <2 | 0.10 | <0.5 | 2 | 6 | 164 |
| B391348 | | 0.20 | <0.005 | | 0.4 | 1.55 | 13 | <10 | 40 | <0.5 | <2 | 0.13 | <0.5 | 3 | 6 | 104 |
| B391349 | | 0.32 | 0.007 | | 0.9 | 0.72 | 4 | <10 | 20 | <0.5 | <2 | 0.20 | <0.5 | 2 | 10 | 41 |
| B391350 | | 0.30 | 0.011 | | 0.4 | 2.58 | 19 | <10 | 40 | 1.0 | <2 | 0.28 | <0.5 | 12 | 35 | 69 |
| B391201 | | 0.58 | 0.015 | | 0.2 | 2.20 | 39 | <10 | 70 | 0.9 | <2 | 0.89 | <0.5 | 20 | 41 | 187 |
| B391202 | | 0.28 | 0.015 | | 0.2 | 2.12 | 23 | <10 | 50 | 0.7 | <2 | 0.74 | <0.5 | 15 | 36 | 159 |
| B391203 | | 0.36 | 0.051 | | 1.3 | 2.00 | 22 | <10 | 30 | 0.5 | <2 | 0.22 | <0.5 | 6 | 26 | 82 |
| B391203 (D) | | 0.38 | 0.025 | | 1.0 | 1.99 | 17 | <10 | 40 | 0.5 | <2 | 0.25 | <0.5 | 7 | 25 | 82 |
| B391204 | | 0.26 | 0.010 | | 1.1 | 2.16 | 14 | <10 | 40 | 0.7 | <2 | 0.19 | <0.5 | 5 | 24 | 57 |
| B391205 | | 0.42 | 0.011 | | 0.8 | 2.31 | 19 | <10 | 30 | <0.5 | <2 | 0.12 | <0.5 | 3 | 24 | 29 |
| B391206 | | 0.22 | 0.079 | | 0.2 | 0.57 | 6 | <10 | 20 | <0.5 | <2 | 0.09 | 0.5 | 5 | 8 | 77 |
| B391207 | | 0.30 | 0.018 | | <0.2 | 0.54 | 3 | <10 | 10 | <0.5 | 2 | 0.05 | <0.5 | 1 | 6 | 7 |
| B391208 | | 0.20 | <0.005 | | <0.2 | 0.48 | 5 | <10 | 10 | <0.5 | 2 | 0.09 | <0.5 | 1 | 6 | 5 |
| B391209 | | 0.26 | <0.005 | | 0.2 | 0.64 | <2 | <10 | 10 | 0.5 | 2 | 0.05 | <0.5 | <1 | 4 | 50 |
| B391210 | | 0.20 | 0.007 | | 0.2 | 1.01 | 3 | <10 | 20 | 0.5 | 2 | 0.10 | <0.5 | 1 | 6 | 13 |
| B391211 | | 0.42 | 0.006 | | 0.7 | 2.93 | 22 | <10 | 40 | 0.7 | 2 | 0.11 | <0.5 | 6 | 36 | 57 |
| B391212 | | 0.26 | 0.012 | | 1.1 | 0.96 | 8 | <10 | 20 | <0.5 | 2 | 0.12 | <0.5 | 3 | 5 | 85 |
| B391213 | | 0.24 | <0.005 | | <0.2 | 0.43 | <2 | <10 | 10 | <0.5 | 2 | 0.07 | <0.5 | 1 | 5 | 7 |
| B391214 | | 0.32 | <0.005 | | 0.3 | 1.94 | 21 | <10 | 30 | 1.0 | 3 | 0.09 | <0.5 | 1 | 21 | 38 |
| B391214 (B) | | 0.06 | <0.005 | | <0.2 | 0.01 | 3 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | <1 | 3 |
| B391215 | | 0.36 | 0.025 | | 1.3 | 2.94 | 22 | <10 | 30 | 0.6 | 2 | 0.10 | 0.5 | 7 | 9 | 85 |
| B391216 | | 0.18 | <0.005 | | <0.2 | 0.57 | 4 | <10 | 20 | <0.5 | <2 | 0.13 | <0.5 | 1 | 5 | 11 |
| B391217 | | 0.22 | 0.007 | | 0.3 | 0.34 | 6 | <10 | 20 | <0.5 | <2 | 0.11 | <0.5 | 1 | 13 | 6 |
| B391218 | | 0.20 | 0.006 | | 0.2 | 0.75 | 4 | <10 | 30 | <0.5 | <2 | 0.09 | <0.5 | 1 | 5 | 19 |
| B391219 | | 0.26 | 0.006 | | <0.2 | 0.70 | <2 | <10 | 20 | 0.5 | <2 | 0.08 | <0.5 | 1 | 5 | 24 |
| B391219 (B) | | 0.06 | <0.005 | | <0.2 | 0.01 | 3 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | <1 | <1 | 1 |

Comments: NSS is non-sufficient sample.

# ALS Chemex

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 17-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| B391335 | | 4.62 | 10 | <1 | 0.11 | 20 | 0.70 | 2190 | 3 | 0.02 | 13 | 3840 | 8 | 0.17 | <2 | 2 |
| B391335 (D) | | 4.74 | 10 | <1 | 0.11 | 20 | 0.72 | 2310 | 3 | 0.03 | 13 | 3910 | 9 | 0.17 | 4 | 2 |
| B391336 | | 4.71 | 10 | 1 | 0.10 | 10 | 0.21 | 2260 | 3 | 0.07 | 6 | 1900 | 5 | 0.12 | 3 | <1 |
| B391337 | | 4.89 | 10 | <1 | 0.07 | 20 | 0.23 | 1880 | 5 | 0.04 | 4 | 1560 | 4 | 0.11 | 2 | 1 |
| B391338 | | 5.12 | 20 | <1 | 0.05 | 20 | 0.44 | 2070 | 4 | 0.05 | 9 | 2810 | 7 | 0.16 | <2 | 1 |
| B391339 | | 3.89 | 10 | 1 | 0.05 | 20 | 0.26 | 1555 | 6 | 0.03 | 11 | 2440 | 5 | 0.12 | <2 | 1 |
| B391340 | | 3.83 | 10 | 1 | 0.08 | 10 | 0.95 | 1045 | 1 | 0.04 | 20 | 1180 | 4 | 0.05 | 3 | 2 |
| B391341 | | 3.23 | 10 | <1 | 0.08 | 10 | 0.23 | 472 | 6 | 0.06 | 4 | 870 | <2 | 0.06 | <2 | <1 |
| B391342 | | 4.98 | 20 | <1 | 0.05 | 10 | 0.44 | 380 | 3 | 0.02 | 8 | 920 | 6 | 0.04 | 2 | 2 |
| B391343 | | 2.87 | 20 | 1 | 0.04 | 10 | 0.19 | 152 | 4 | 0.02 | 2 | 640 | 4 | 0.03 | <2 | 1 |
| B391344 | | 4.73 | 20 | <1 | 0.04 | 10 | 0.43 | 228 | 3 | 0.03 | 8 | 900 | 5 | 0.02 | 2 | 2 |
| B391345 | | 1.26 | 10 | <1 | 0.06 | 10 | 0.04 | 54 | 1 | 0.06 | <1 | 840 | <2 | 0.04 | <2 | <1 |
| B391346 | | 4.87 | 20 | <1 | 0.04 | 10 | 0.64 | 173 | 4 | 0.02 | 23 | 940 | 11 | 0.07 | 2 | 3 |
| B391346 (D) | | 5.32 | 20 | <1 | 0.04 | 10 | 0.90 | 251 | 3 | 0.02 | 28 | 870 | 11 | 0.06 | 2 | 4 |
| B391347 | | 1.12 | <10 | 1 | 0.06 | 10 | 0.11 | 89 | 1 | 0.05 | 2 | 1100 | <2 | 0.08 | 2 | <1 |
| B391348 | | 4.59 | 10 | <1 | 0.05 | 10 | 0.21 | 200 | 5 | 0.06 | 5 | 1420 | <2 | 0.09 | <2 | 1 |
| B391349 | | 1.50 | 10 | 1 | 0.07 | 10 | 0.16 | 154 | 1 | 0.06 | 4 | 1140 | <2 | 0.07 | <2 | <1 |
| B391350 | | 4.22 | 10 | <1 | 0.06 | 10 | 0.70 | 756 | 2 | 0.03 | 14 | 830 | 4 | 0.06 | <2 | 2 |
| B391201 | | 4.22 | 10 | <1 | 0.08 | 10 | 1.26 | 1040 | 1 | 0.03 | 23 | 1210 | 7 | 0.03 | 2 | 5 |
| B391202 | | 3.92 | 10 | <1 | 0.07 | 10 | 1.20 | 733 | 1 | 0.03 | 22 | 1220 | 6 | 0.03 | <2 | 5 |
| B391203 | | 5.12 | 10 | <1 | 0.06 | 10 | 0.39 | 750 | 5 | 0.03 | 9 | 1630 | 10 | 0.10 | <2 | 2 |
| B391203 (D) | | 5.14 | 10 | <1 | 0.06 | 10 | 0.39 | 860 | 5 | 0.03 | 9 | 1690 | 10 | 0.10 | 3 | 2 |
| B391204 | | 4.06 | 10 | <1 | 0.06 | 10 | 0.35 | 436 | 2 | 0.03 | 7 | 900 | 4 | 0.05 | <2 | 1 |
| B391205 | | 2.96 | 10 | <1 | 0.04 | 10 | 0.30 | 152 | 2 | 0.02 | 7 | 760 | 4 | 0.04 | 2 | 1 |
| B391206 | | 2.40 | 10 | 1 | 0.04 | 10 | 0.03 | 38 | 6 | 0.01 | 2 | 470 | 10 | 0.06 | <2 | <1 |
| B391207 | | 1.26 | 10 | 1 | 0.04 | 10 | 0.03 | 63 | 2 | 0.03 | 1 | 380 | 13 | 0.02 | <2 | <1 |
| B391208 | | 1.49 | 10 | 1 | 0.07 | 10 | 0.09 | 145 | 2 | 0.07 | 3 | 430 | 5 | 0.03 | <2 | <1 |
| B391209 | | 0.76 | 10 | <1 | 0.08 | 10 | 0.03 | 60 | 2 | 0.09 | 2 | 550 | 6 | 0.06 | <2 | <1 |
| B391210 | | 2.00 | 10 | 1 | 0.05 | 10 | 0.14 | 97 | 2 | 0.05 | 3 | 330 | 7 | 0.04 | <2 | 1 |
| B391211 | | 6.68 | 10 | 1 | 0.02 | 10 | 0.43 | 235 | 3 | 0.01 | 9 | 690 | 8 | 0.08 | 2 | 3 |
| B391212 | | 1.44 | 10 | 1 | 0.04 | 10 | 0.07 | 67 | 2 | 0.04 | 2 | 1170 | 4 | 0.11 | <2 | <1 |
| B391213 | | 1.07 | 10 | <1 | 0.05 | 10 | 0.04 | 79 | 2 | 0.04 | 1 | 400 | 7 | 0.05 | <2 | <1 |
| B391214 | | 7.00 | 30 | 1 | 0.03 | 10 | 0.15 | 186 | 5 | 0.01 | 4 | 590 | 7 | 0.06 | <2 | 2 |
| B391214 (B) | | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | <1 | 10 | 4 | 0.02 | <2 | <1 |
| B391215 | | 5.40 | 20 | 1 | 0.05 | 10 | 0.31 | 558 | 4 | 0.02 | 4 | 680 | 17 | 0.06 | 3 | 3 |
| B391216 | | 0.82 | 10 | <1 | 0.06 | 10 | 0.06 | 73 | 2 | 0.04 | 1 | 420 | 8 | 0.04 | <2 | 1 |
| B391217 | | 0.75 | <10 | 1 | 0.07 | 10 | 0.05 | 68 | 1 | 0.07 | 2 | 540 | 4 | 0.06 | <2 | <1 |
| B391218 | | 0.96 | <10 | 1 | 0.07 | 10 | 0.05 | 69 | 2 | 0.06 | 2 | 610 | 3 | 0.07 | <2 | <1 |
| B391219 | | 0.79 | <10 | <1 | 0.05 | 10 | 0.06 | 70 | 1 | 0.05 | 2 | 960 | 5 | 0.09 | <2 | <1 |
| B391219 (B) | | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | <1 | 10 | <2 | 0.02 | <2 | <1 |

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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**VANCOUVER BC V6C 1G8**


**Finalized Date: 17-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method / Analyte / Units / LOR | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|---|---|---|---|---|---|---|---|---|
| B391335 | | 73 | 0.03 | <10 | <10 | 174 | <10 | 85 |
| B391335 (D) | | 78 | 0.03 | <10 | <10 | 172 | <10 | 87 |
| B391336 | | 16 | 0.02 | <10 | <10 | 57 | <10 | 65 |
| B391337 | | 11 | 0.02 | <10 | <10 | 73 | <10 | 62 |
| B391338 | | 51 | 0.03 | <10 | <10 | 113 | <10 | 61 |
| B391339 | | 60 | 0.03 | <10 | <10 | 81 | <10 | 53 |
| B391340 | | 60 | 0.07 | <10 | <10 | 83 | <10 | 118 |
| B391341 | | 29 | 0.05 | <10 | <10 | 79 | <10 | 36 |
| B391342 | | 21 | 0.16 | <10 | <10 | 164 | <10 | 28 |
| B391343 | | 19 | 0.20 | <10 | <10 | 116 | <10 | 16 |
| B391344 | | 14 | 0.18 | <10 | <10 | 144 | <10 | 23 |
| B391345 | | 5 | 0.06 | <10 | <10 | 17 | <10 | 7 |
| B391346 | | 16 | 0.24 | <10 | <10 | 164 | <10 | 23 |
| B391346 (D) | | 18 | 0.22 | <10 | <10 | 171 | <10 | 31 |
| B391347 | | 9 | 0.04 | <10 | <10 | 20 | <10 | 13 |
| B391348 | | 12 | 0.05 | <10 | <10 | 67 | <10 | 14 |
| B391349 | | 16 | 0.05 | <10 | <10 | 32 | <10 | 16 |
| B391350 | | 25 | 0.12 | <10 | <10 | 137 | <10 | 40 |
| B391201 | | 104 | 0.14 | <10 | <10 | 144 | <10 | 75 |
| B391202 | | 72 | 0.13 | <10 | <10 | 130 | <10 | 66 |
| B391203 | | 20 | 0.15 | <10 | <10 | 157 | <10 | 37 |
| B391203 (D) | | 21 | 0.14 | <10 | <10 | 158 | <10 | 38 |
| B391204 | | 20 | 0.11 | <10 | <10 | 116 | <10 | 30 |
| B391205 | | 13 | 0.09 | <10 | <10 | 93 | <10 | 22 |
| B391206 | | 16 | 0.10 | <10 | <10 | 95 | <10 | 9 |
| B391207 | | 10 | 0.17 | <10 | <10 | 41 | <10 | 13 |
| B391208 | | 9 | 0.16 | <10 | <10 | 30 | <10 | 20 |
| B391209 | | 5 | 0.11 | <10 | <10 | 14 | <10 | 13 |
| B391210 | | 9 | 0.13 | <10 | <10 | 33 | <10 | 16 |
| B391211 | | 11 | 0.16 | <10 | <10 | 138 | <10 | 32 |
| B391212 | | 9 | 0.04 | <10 | <10 | 30 | <10 | 13 |
| B391213 | | 10 | 0.15 | <10 | <10 | 29 | <10 | 16 |
| B391214 | | 11 | 0.26 | <10 | <10 | 176 | <10 | 34 |
| B391214 (B) | | 1 | <0.01 | <10 | <10 | <1 | <10 | 7 |
| B391215 | | 8 | 0.10 | <10 | <10 | 176 | <10 | 44 |
| B391216 | | 7 | 0.15 | <10 | <10 | 40 | <10 | 13 |
| B391217 | | 6 | 0.08 | <10 | <10 | 12 | <10 | 15 |
| B391218 | | 7 | 0.07 | <10 | <10 | 19 | <10 | 13 |
| B391219 | | 8 | 0.03 | <10 | <10 | 14 | <10 | 13 |
| B391219 (B) | | 1 | <0.01 | <10 | <10 | <1 | <10 | 4 |

Comments: NSS is non-sufficient sample.

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Finalized Date: 17-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-GRA21 Au ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B391220 | | 0.22 | 0.032 | | <0.2 | 0.76 | 4 | <10 | 20 | <0.5 | 2 | 0.07 | <0.5 | <1 | 6 | 9 |
| L7000N 4350E | | 0.26 | <0.005 | | <0.2 | 2.15 | 7 | <10 | 80 | <0.5 | 2 | 0.17 | <0.5 | 8 | 31 | 34 |
| L7000N 4350E(B) | | 0.04 | <0.005 | | <0.2 | 0.01 | 2 | <10 | <10 | <0.5 | <2 | <0.01 | <0.5 | <1 | <1 | 1 |
| L7000N 4375E | | 0.46 | <0.005 | | <0.2 | 1.22 | 8 | <10 | 40 | <0.5 | <2 | 0.14 | <0.5 | 3 | 10 | 14 |
| L7000N 4400E | | 0.24 | 0.009 | | <0.2 | 0.77 | 5 | <10 | 20 | <0.5 | 2 | 0.17 | <0.5 | 2 | 7 | 5 |
| L7000N 4425E | | 0.40 | 0.010 | | <0.2 | 0.60 | 3 | <10 | 50 | <0.5 | 2 | 0.31 | <0.5 | 1 | 7 | 10 |
| L7000N 4450E | | 0.30 | 0.005 | | 0.3 | 2.46 | 27 | <10 | 100 | 0.7 | 2 | 0.25 | <0.5 | 9 | 43 | 56 |
| L7000N 4475E | | 0.44 | 0.043 | | 0.2 | 2.00 | 37 | <10 | 60 | 0.5 | 3 | 0.41 | <0.5 | 8 | 23 | 60 |
| L7000N 4500E | | 0.24 | 0.008 | | <0.2 | 1.79 | 21 | <10 | 60 | <0.5 | 2 | 0.16 | <0.5 | 4 | 23 | 30 |
| L7000N 4525E | | 0.42 | 0.007 | | 0.2 | 1.52 | 26 | <10 | 60 | <0.5 | 3 | 0.18 | <0.5 | 8 | 34 | 53 |
| L7000N 4550E | | 0.26 | 0.009 | | <0.2 | 2.25 | 31 | <10 | 40 | 0.6 | <2 | 0.22 | <0.5 | 11 | 45 | 62 |
| L7000N 4575E | | 0.36 | 0.015 | | 0.3 | 0.74 | 12 | <10 | 40 | <0.5 | <2 | 0.17 | <0.5 | 6 | 7 | 38 |
| L7000N 4600E | | 0.36 | 0.007 | | 0.4 | 2.42 | 21 | <10 | 120 | 1.0 | <2 | 0.63 | 1.5 | 21 | 6 | 147 |

Comments: NSS is non-sufficient sample.

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## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| B391220 | | 1.23 | 10 | 1 | 0.05 | 10 | 0.03 | 44 | 3 | 0.04 | 1 | 540 | 12 | 0.06 | <2 | <1 |
| L7000N 4350E | | 4.36 | 10 | 1 | 0.15 | 10 | 0.89 | 324 | 2 | 0.02 | 12 | 410 | 8 | 0.05 | <2 | 3 |
| L7000N 4350E(B) | | 0.03 | <10 | 1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | <1 | 10 | <2 | 0.01 | <2 | <1 |
| L7000N 4375E | | 1.93 | 10 | 1 | 0.16 | <10 | 0.40 | 192 | 2 | 0.02 | 3 | 610 | 4 | 0.06 | <2 | 2 |
| L7000N 4400E | | 1.27 | 10 | 1 | 0.08 | <10 | 0.21 | 107 | 3 | 0.02 | 2 | 350 | 11 | 0.03 | <2 | 1 |
| L7000N 4425E | | 1.55 | 10 | <1 | 0.06 | <10 | 0.16 | 86 | 1 | 0.01 | 2 | 550 | 8 | 0.04 | <2 | 2 |
| L7000N 4450E | | 4.30 | 10 | 1 | 0.09 | 10 | 1.01 | 549 | 3 | 0.03 | 12 | 1020 | 10 | 0.07 | 2 | 3 |
| L7000N 4475E | | 4.25 | 10 | 1 | 0.07 | 10 | 0.79 | 686 | 4 | 0.02 | 9 | 1260 | 10 | 0.11 | <2 | 3 |
| L7000N 4500E | | 3.25 | 10 | 1 | 0.05 | 10 | 0.47 | 163 | 3 | 0.01 | 5 | 620 | 9 | 0.08 | <2 | 3 |
| L7000N 4525E | | 5.79 | 10 | 2 | 0.06 | 10 | 0.54 | 361 | 4 | 0.01 | 15 | 660 | 14 | 0.09 | 2 | 3 |
| L7000N 4550E | | 3.95 | 10 | <1 | 0.13 | 10 | 1.25 | 541 | 2 | 0.04 | 14 | 1070 | 10 | 0.08 | <2 | 4 |
| L7000N 4575E | | 2.21 | <10 | <1 | 0.21 | 10 | 0.37 | 402 | 2 | 0.01 | 4 | 1280 | 11 | 0.09 | <2 | 1 |
| L7000N 4600E | | 4.58 | 10 | 1 | 0.26 | 20 | 1.32 | 3050 | 3 | 0.01 | 9 | 1090 | 31 | 0.07 | 2 | 4 |

Comments: NSS is non-sufficient sample.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com


To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 17-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065957

| Sample Description | Method / Analyte / Units / LOR | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|---|---|---|---|---|---|---|---|---|
| B391220 | | 12 | 0.15 | <10 | <10 | 36 | <10 | 12 |
| L7000N 4350E | | 67 | 0.27 | <10 | <10 | 140 | <10 | 36 |
| L7000N 4350E(B) | | 1 | <0.01 | <10 | <10 | <1 | <10 | 3 |
| L7000N 4375E | | 59 | 0.13 | <10 | <10 | 56 | <10 | 23 |
| L7000N 4400E | | 45 | 0.31 | <10 | <10 | 65 | <10 | 13 |
| L7000N 4425E | | 33 | 0.30 | <10 | <10 | 81 | <10 | 11 |
| L7000N 4450E | | 21 | 0.11 | <10 | <10 | 128 | <10 | 73 |
| L7000N 4475E | | 22 | 0.17 | <10 | <10 | 148 | <10 | 42 |
| L7000N 4500E | | 24 | 0.19 | <10 | <10 | 115 | <10 | 25 |
| L7000N 4525E | | 21 | 0.11 | <10 | <10 | 156 | <10 | 35 |
| L7000N 4550E | | 18 | 0.12 | <10 | <10 | 118 | <10 | 88 |
| L7000N 4575E | | 13 | 0.05 | <10 | <10 | 79 | <10 | 55 |
| L7000N 4600E | | 43 | 0.10 | <10 | <10 | 120 | <10 | 249 |

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 26-AUG-2006**
**Account: EIA**

## CERTIFICATE VA06072677

Project: Trek

P.O. No.: RG06-01

This report is for 107 Soil samples submitted to our lab in Vancouver, BC, Canada on 18-JUL-2006.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| EQUITY ENG E-MAIL | ROMIOS GOLD | ADAM SIMMONS |

## SAMPLE PREPARATION

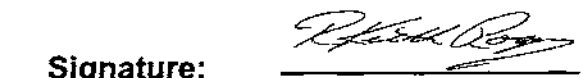
| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| SCR-41 | Screen to -180um and save both |
| LOG-24 | Pulp Login - Rcd w/o Barcode |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au-AA23 | Au 30g FA-AA finish | AAS |
| Au-GRA21 | Au 30g FA-GRAV finish | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**

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:** 
Keith Rogers, Executive Manager Vancouver Laboratory

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**VANCOUVER BC V6C 1G8**


**Finalized Date: 26-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-GRA21 Au ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L7300N 4200E | | 0.30 | 0.015 | | 0.8 | 2.11 | 6 | <10 | 100 | 0.8 | <2 | 0.27 | <0.5 | 7 | 24 | 56 |
| L7300N 4225E | | 0.46 | 0.011 | | <0.2 | 2.66 | 7 | <10 | 50 | 0.7 | <2 | 0.33 | <0.5 | 14 | 43 | 54 |
| L7300N 4250E | | 0.50 | 0.016 | | <0.2 | 2.88 | 5 | <10 | 140 | 0.6 | <2 | 0.56 | <0.5 | 20 | 54 | 64 |
| L7300N 4275E | | 0.36 | 0.013 | | <0.2 | 1.19 | 2 | <10 | 190 | <0.5 | <2 | 0.54 | <0.5 | 15 | 25 | 29 |
| L7300N 4300E | | 0.34 | 0.013 | | 0.2 | 0.69 | 2 | <10 | 40 | <0.5 | <2 | 0.28 | <0.5 | 4 | 15 | 5 |
| L7300N 4325E | | 0.32 | 0.011 | | <0.2 | 2.17 | 4 | <10 | 80 | 0.7 | <2 | 0.87 | <0.5 | 22 | 31 | 86 |
| L7300N 4350E | | 0.48 | 0.007 | | <0.2 | 1.33 | <2 | <10 | 30 | <0.5 | <2 | 0.33 | <0.5 | 8 | 23 | 12 |
| L7300N 4375E | | 0.28 | 0.039 | | <0.2 | 0.38 | 2 | <10 | 30 | <0.5 | <2 | 0.10 | <0.5 | 1 | 4 | 9 |
| L7300N 4400E | | 0.40 | 0.020 | | 0.2 | 1.31 | 17 | <10 | 40 | <0.5 | <2 | 0.19 | <0.5 | 2 | 15 | 18 |
| L7300N 4425E | | 0.38 | 0.021 | | 0.4 | 1.25 | 38 | <10 | 50 | <0.5 | <2 | 0.12 | <0.5 | 2 | 13 | 30 |
| L7300N 4450E | | 0.46 | 0.018 | | 0.5 | 3.88 | 78 | <10 | 40 | 0.8 | <2 | 1.86 | <0.5 | 44 | 12 | 536 |
| L7300N 4475E | | 0.26 | 0.053 | | <0.2 | 2.66 | 25 | <10 | 50 | 0.7 | <2 | 1.20 | 0.5 | 21 | 64 | 218 |
| L7300N 4500E | | 0.40 | 0.005 | | 0.6 | 1.99 | 5 | <10 | 70 | 0.6 | <2 | 0.94 | <0.5 | 13 | 17 | 95 |
| L7300N 4525E | | 0.38 | 0.014 | | <0.2 | 1.12 | 5 | <10 | 120 | <0.5 | <2 | 0.67 | <0.5 | 8 | 12 | 40 |
| L7300N 4550E | | 0.52 | 0.176 | | 2.0 | 1.96 | 217 | <10 | 110 | 0.8 | <2 | 0.19 | 0.5 | 39 | 29 | 604 |
| L7300N 4575E | | 0.42 | 0.115 | | 2.6 | 2.59 | 89 | <10 | 40 | 0.8 | <2 | 0.19 | <0.5 | 20 | 72 | 1230 |
| L7300N 4600E | | 0.38 | 0.039 | | 1.1 | 1.68 | 8 | <10 | 30 | <0.5 | <2 | 0.35 | <0.5 | 6 | 87 | 265 |
| L7300N 4625E | | 0.52 | 0.028 | | 0.8 | 1.87 | 14 | <10 | 20 | <0.5 | <2 | 0.19 | <0.5 | 5 | 64 | 153 |
| L7300N 4650E | | 0.34 | 0.046 | | 0.5 | 0.72 | 6 | <10 | 10 | <0.5 | <2 | 0.14 | <0.5 | 3 | 15 | 73 |
| L7300N 4675E | | 0.40 | 0.060 | | 0.3 | 0.37 | 7 | <10 | 10 | <0.5 | <2 | 0.24 | <0.5 | 4 | 15 | 137 |
| L7300N 4700E | | 0.52 | 0.164 | | 3.0 | 2.82 | 177 | <10 | 40 | 1.3 | <2 | 0.56 | 0.5 | 78 | 88 | 1900 |
| L7300N 4725E | | 0.30 | <0.005 | | 5.1 | 1.09 | 7 | <10 | 10 | <0.5 | <2 | 0.15 | <0.5 | 3 | 63 | 93 |
| L7300N 4750E | | 0.42 | 0.201 | | 0.2 | 1.45 | 23 | <10 | 10 | <0.5 | <2 | 0.19 | <0.5 | 7 | 116 | 85 |
| L7300N 4775E | | 0.38 | <0.005 | | 0.6 | 2.13 | 11 | <10 | 10 | <0.5 | <2 | 0.21 | <0.5 | 6 | 129 | 77 |
| L7300N 4800E | | 0.46 | 0.035 | | 0.4 | 2.86 | 50 | <10 | 20 | <0.5 | <2 | 0.24 | <0.5 | 16 | 92 | 213 |
| L7300N 4825E | | 0.56 | 0.082 | | 0.6 | 3.86 | 146 | <10 | 40 | 0.7 | <2 | 0.34 | <0.5 | 65 | 105 | 532 |
| L7300N 4850E | | 0.54 | 0.019 | | <0.2 | 3.13 | 31 | <10 | 30 | <0.5 | <2 | 0.27 | <0.5 | 17 | 300 | 127 |
| L7400N 4200E | | 0.42 | 0.018 | | 0.2 | 3.03 | <2 | <10 | 80 | 0.5 | <2 | 0.51 | <0.5 | 18 | 35 | 71 |
| L7400N 4225E | | 0.30 | 0.041 | | 0.3 | 0.86 | 2 | <10 | 20 | <0.5 | <2 | 0.41 | <0.5 | 3 | 9 | 8 |
| L7400N 4250E | | 0.36 | 0.014 | | <0.2 | 1.30 | 4 | <10 | 60 | <0.5 | <2 | 0.33 | <0.5 | 4 | 11 | 19 |
| L7400N 4275E | | 0.36 | 0.019 | | 0.2 | 1.44 | <2 | 10 | 90 | <0.5 | <2 | 0.50 | <0.5 | 10 | 14 | 27 |
| L7400N 4300E | | 0.36 | 0.017 | | <0.2 | 1.72 | 2 | <10 | 60 | 0.8 | <2 | 0.40 | <0.5 | 10 | 27 | 46 |
| L7400N 4325E | | 0.32 | 0.017 | | <0.2 | 1.25 | 2 | <10 | 40 | <0.5 | <2 | 0.21 | <0.5 | 7 | 17 | 20 |
| L7400N 4350E | | 0.40 | 0.014 | | 0.2 | 1.11 | 3 | <10 | 40 | <0.5 | <2 | 0.33 | <0.5 | 4 | 10 | 15 |
| L7400N 4375E | | 0.32 | 0.006 | | 0.3 | 1.16 | 2 | <10 | 20 | <0.5 | <2 | 0.34 | <0.5 | 9 | 16 | 20 |
| L7400N 4400E | | 0.30 | 0.032 | | <0.2 | 0.47 | 2 | <10 | 20 | <0.5 | <2 | 0.10 | <0.5 | 1 | 4 | 9 |
| L7400N 4425E | | 0.34 | 0.054 | | 0.2 | 1.62 | 21 | <10 | 60 | 0.5 | <2 | 0.12 | <0.5 | 4 | 6 | 22 |
| L7400N 4450E | | 0.40 | 0.046 | | 0.2 | 0.68 | 8 | <10 | 20 | <0.5 | <2 | 0.13 | <0.5 | 1 | 3 | 11 |
| L7400N 4475E | | 0.60 | 0.103 | | 1.5 | 3.85 | 215 | <10 | 40 | 1.4 | <2 | 0.40 | <0.5 | 47 | 172 | 1390 |
| L7400N 4500E | | 0.42 | 0.059 | | 0.8 | 1.68 | 84 | <10 | 40 | <0.5 | <2 | 0.16 | <0.5 | 8 | 59 | 229 |

Comments: NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 26-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| L7300N 4200E | | 2.90 | 10 | <1 | 0.08 | 10 | 0.57 | 242 | 2 | 0.01 | 7 | 1330 | 8 | 0.04 | <2 | 2 |
| L7300N 4225E | | 5.28 | 10 | <1 | 0.13 | <10 | 1.43 | 496 | 2 | 0.01 | 15 | 640 | 8 | 0.03 | <2 | 4 |
| L7300N 4250E | | 4.75 | 10 | <1 | 0.17 | <10 | 1.59 | 762 | 1 | 0.01 | 17 | 920 | 4 | 0.03 | <2 | 3 |
| L7300N 4275E | | 2.14 | 10 | <1 | 0.08 | <10 | 0.58 | 261 | 1 | 0.01 | 7 | 750 | 6 | 0.05 | <2 | 2 |
| L7300N 4300E | | 1.64 | 10 | <1 | 0.08 | <10 | 0.26 | 118 | 1 | 0.03 | 3 | 400 | 6 | 0.04 | <2 | 1 |
| L7300N 4325E | | 4.34 | 10 | 1 | 0.15 | 10 | 1.01 | 1020 | 2 | 0.02 | 12 | 1100 | 5 | 0.10 | <2 | 2 |
| L7300N 4350E | | 1.80 | 10 | <1 | 0.15 | <10 | 0.93 | 317 | 1 | 0.01 | 7 | 370 | 3 | 0.02 | <2 | 3 |
| L7300N 4375E | | 0.60 | <10 | <1 | 0.06 | 10 | 0.04 | 46 | 1 | 0.04 | 1 | 340 | 5 | 0.03 | <2 | <1 |
| L7300N 4400E | | 3.32 | 10 | <1 | 0.05 | 10 | 0.26 | 140 | 3 | 0.02 | 6 | 990 | 10 | 0.06 | <2 | 1 |
| L7300N 4425E | | 3.08 | 10 | <1 | 0.03 | 10 | 0.13 | 92 | 3 | 0.01 | 4 | 1030 | 15 | 0.06 | <2 | 1 |
| L7300N 4450E | | 7.34 | 10 | 1 | 0.21 | <10 | 1.98 | 1530 | 2 | 0.01 | 19 | 2360 | 7 | 0.07 | 4 | 10 |
| L7300N 4475E | | 4.84 | 10 | <1 | 0.17 | 10 | 1.68 | 701 | 5 | 0.02 | 23 | 1160 | 9 | 0.09 | <2 | 7 |
| L7300N 4500E | | 4.83 | 10 | <1 | 0.44 | 10 | 1.32 | 561 | <1 | 0.01 | 11 | 3350 | 4 | 0.07 | <2 | 3 |
| L7300N 4525E | | 3.94 | 10 | <1 | 0.37 | <10 | 0.81 | 805 | 1 | 0.02 | 7 | 1590 | 7 | 0.10 | <2 | 2 |
| L7300N 4550E | | 14.4 | 10 | <1 | 0.35 | 10 | 0.58 | 1875 | 33 | 0.01 | 16 | 3010 | 36 | 0.25 | 6 | 5 |
| L7300N 4575E | | 11.70 | 10 | <1 | 0.16 | 10 | 0.92 | 548 | 27 | 0.01 | 40 | 2260 | 15 | 0.20 | 4 | 3 |
| L7300N 4600E | | 3.43 | <10 | 1 | 0.17 | <10 | 0.90 | 162 | 7 | 0.02 | 30 | 890 | 3 | 0.10 | <2 | 2 |
| L7300N 4625E | | 4.40 | 10 | <1 | 0.09 | 10 | 0.92 | 142 | 11 | 0.02 | 27 | 1030 | 6 | 0.09 | <2 | 2 |
| L7300N 4650E | | 2.38 | 10 | <1 | 0.04 | 10 | 0.10 | 121 | 4 | 0.03 | 8 | 1830 | 9 | 0.12 | <2 | 1 |
| L7300N 4675E | | 1.10 | <10 | <1 | 0.03 | <10 | 0.07 | 48 | 4 | 0.01 | 9 | 1070 | 5 | 0.21 | <2 | <1 |
| L7300N 4700E | | 10.15 | 10 | <1 | 0.12 | 10 | 1.78 | 1215 | 43 | 0.01 | 121 | 2700 | 17 | 0.12 | 16 | 3 |
| L7300N 4725E | | 2.93 | <10 | <1 | 0.07 | <10 | 0.46 | 113 | 3 | 0.01 | 19 | 1860 | 4 | 0.17 | <2 | <1 |
| L7300N 4750E | | 4.83 | 10 | <1 | 0.21 | <10 | 0.92 | 203 | 4 | 0.02 | 35 | 2340 | 4 | 0.14 | 2 | 1 |
| L7300N 4775E | | 4.98 | 10 | <1 | 0.24 | <10 | 1.38 | 183 | 3 | 0.02 | 39 | 1280 | 4 | 0.12 | <2 | 2 |
| L7300N 4800E | | 6.48 | 10 | 1 | 0.53 | <10 | 2.15 | 324 | 1 | 0.02 | 51 | 1760 | 3 | 0.10 | 2 | 4 |
| L7300N 4825E | | 8.19 | 10 | 1 | 0.57 | <10 | 2.99 | 1185 | 2 | 0.02 | 89 | 1240 | 23 | 0.10 | 3 | 7 |
| L7300N 4850E | | 4.53 | 10 | <1 | 0.59 | <10 | 3.02 | 268 | 5 | 0.01 | 306 | 700 | 43 | 0.05 | <2 | 1 |
| L7400N 4200E | | 4.81 | 10 | <1 | 0.29 | <10 | 1.93 | 1405 | 3 | 0.01 | 12 | 1460 | 3 | 0.02 | <2 | 3 |
| L7400N 4225E | | 2.21 | 10 | 1 | 0.04 | <10 | 0.27 | 137 | 1 | 0.01 | 3 | 380 | 7 | 0.03 | <2 | 3 |
| L7400N 4250E | | 3.04 | 10 | <1 | 0.03 | 10 | 0.27 | 245 | 1 | 0.01 | 3 | 380 | 13 | 0.02 | <2 | 3 |
| L7400N 4275E | | 2.59 | 10 | 1 | 0.27 | <10 | 0.77 | 166 | 1 | 0.02 | 7 | 440 | 9 | 0.03 | <2 | 3 |
| L7400N 4300E | | 3.11 | 10 | 1 | 0.11 | 10 | 0.67 | 352 | 2 | 0.02 | 9 | 1380 | 8 | 0.13 | <2 | 2 |
| L7400N 4325E | | 2.27 | 10 | <1 | 0.21 | <10 | 0.57 | 231 | 1 | 0.05 | 5 | 900 | 5 | 0.06 | <2 | 1 |
| L7400N 4350E | | 1.81 | 10 | <1 | 0.09 | <10 | 0.42 | 162 | 1 | 0.01 | 4 | 430 | 22 | 0.03 | <2 | 3 |
| L7400N 4375E | | 4.43 | 10 | <1 | 0.11 | 10 | 0.56 | 199 | <1 | 0.02 | 4 | 460 | 5 | 0.02 | <2 | 3 |
| L7400N 4400E | | 1.00 | 10 | <1 | 0.03 | <10 | 0.05 | 53 | 44 | 0.02 | 1 | 300 | 9 | 0.02 | <2 | 1 |
| L7400N 4425E | | 2.58 | 10 | 1 | 0.06 | 10 | 0.21 | 144 | 2 | 0.01 | 2 | 680 | 8 | 0.03 | <2 | 2 |
| L7400N 4450E | | 1.15 | 10 | <1 | 0.06 | <10 | 0.13 | 77 | 1 | 0.01 | 1 | 420 | 8 | 0.02 | <2 | 1 |
| L7400N 4475E | | 7.63 | 10 | 1 | 0.19 | <10 | 2.82 | 860 | 27 | 0.01 | 182 | 1710 | 32 | 0.05 | 13 | 5 |
| L7400N 4500E | | 3.63 | 10 | 1 | 0.05 | <10 | 0.60 | 140 | 28 | 0.01 | 36 | 1330 | 9 | 0.07 | 11 | 1 |

Comments: NSS is non-sufficient sample.

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**VANCOUVER BC V6C 1G8**


**Finalized Date: 26-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|
| | Analyte | Sr | Ti | Tl | U | V | W | Zn |
| | Units | ppm | % | ppm | ppm | ppm | ppm | ppm |
| | LOR | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 |
| L7300N 4200E | | 20 | 0.18 | <10 | <10 | 73 | <10 | 40 |
| L7300N 4225E | | 26 | 0.30 | <10 | <10 | 130 | <10 | 63 |
| L7300N 4250E | | 25 | 0.25 | <10 | <10 | 123 | <10 | 80 |
| L7300N 4275E | | 34 | 0.23 | <10 | <10 | 81 | <10 | 31 |
| L7300N 4300E | | 23 | 0.17 | <10 | <10 | 37 | <10 | 18 |
| L7300N 4325E | | 27 | 0.17 | <10 | <10 | 116 | <10 | 58 |
| L7300N 4350E | | 27 | 0.13 | <10 | <10 | 58 | <10 | 29 |
| L7300N 4375E | | 7 | 0.04 | <10 | <10 | 12 | <10 | 12 |
| L7300N 4400E | | 9 | 0.15 | <10 | <10 | 97 | <10 | 19 |
| L7300N 4425E | | 10 | 0.14 | <10 | <10 | 80 | <10 | 18 |
| L7300N 4450E | | 49 | 0.19 | <10 | <10 | 225 | <10 | 119 |
| L7300N 4475E | | 55 | 0.12 | <10 | <10 | 128 | <10 | 100 |
| L7300N 4500E | | 86 | 0.18 | <10 | <10 | 169 | <10 | 57 |
| L7300N 4525E | | 56 | 0.12 | <10 | <10 | 134 | <10 | 65 |
| L7300N 4550E | | 24 | 0.09 | <10 | <10 | 114 | <10 | 151 |
| L7300N 4575E | | 9 | 0.08 | <10 | <10 | 103 | <10 | 58 |
| L7300N 4600E | | 20 | 0.16 | <10 | <10 | 76 | <10 | 21 |
| L7300N 4625E | | 9 | 0.15 | <10 | <10 | 90 | <10 | 20 |
| L7300N 4650E | | 7 | 0.11 | <10 | <10 | 18 | <10 | 21 |
| L7300N 4675E | | 11 | 0.02 | <10 | <10 | 14 | <10 | 16 |
| L7300N 4700E | | 24 | 0.07 | <10 | <10 | 112 | <10 | 137 |
| L7300N 4725E | | 8 | 0.07 | <10 | <10 | 67 | <10 | 17 |
| L7300N 4750E | | 15 | 0.14 | <10 | <10 | 106 | <10 | 22 |
| L7300N 4775E | | 12 | 0.21 | <10 | <10 | 119 | <10 | 21 |
| L7300N 4800E | | 17 | 0.20 | <10 | <10 | 163 | <10 | 29 |
| L7300N 4825E | | 21 | 0.23 | <10 | <10 | 166 | <10 | 79 |
| L7300N 4850E | | 6 | 0.26 | <10 | <10 | 91 | <10 | 35 |
| L7400N 4200E | | 30 | 0.28 | <10 | <10 | 116 | <10 | 90 |
| L7400N 4225E | | 29 | 0.21 | <10 | <10 | 64 | <10 | 15 |
| L7400N 4250E | | 31 | 0.32 | <10 | <10 | 120 | <10 | 33 |
| L7400N 4275E | | 30 | 0.34 | <10 | <10 | 98 | <10 | 38 |
| L7400N 4300E | | 22 | 0.15 | <10 | <10 | 82 | <10 | 36 |
| L7400N 4325E | | 11 | 0.16 | <10 | <10 | 53 | <10 | 32 |
| L7400N 4350E | | 29 | 0.39 | <10 | <10 | 97 | <10 | 29 |
| L7400N 4375E | | 21 | 0.33 | <10 | <10 | 159 | <10 | 29 |
| L7400N 4400E | | 8 | 0.09 | <10 | <10 | 26 | <10 | 10 |
| L7400N 4425E | | 18 | 0.04 | <10 | <10 | 59 | <10 | 24 |
| L7400N 4450E | | 14 | 0.15 | <10 | <10 | 44 | <10 | 10 |
| L7400N 4475E | | 17 | 0.17 | <10 | <10 | 121 | <10 | 118 |
| L7400N 4500E | | 14 | 0.07 | <10 | <10 | 106 | <10 | 33 |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 26-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-GRA21 Au ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L7400N 4525E | | 0.52 | 0.089 | | 0.6 | 1.61 | 91 | <10 | 40 | 0.5 | <2 | 0.25 | <0.5 | 13 | 55 | 161 |
| L7400N 4550E | | 0.38 | 0.030 | | 0.7 | 0.92 | 51 | <10 | 20 | <0.5 | <2 | 0.13 | <0.5 | 7 | 25 | 103 |
| L7400N 4575E | | 0.38 | 0.063 | | 0.5 | 1.35 | 81 | <10 | 10 | <0.5 | <2 | 0.13 | <0.5 | 9 | 53 | 198 |
| L7400N 4600E | | 0.36 | 0.026 | | 0.7 | 1.30 | 77 | <10 | 10 | <0.5 | <2 | 0.16 | <0.5 | 8 | 52 | 174 |
| L7400N 4625E | | 0.30 | 0.068 | | 0.6 | 1.36 | 147 | <10 | 20 | <0.5 | <2 | 0.20 | <0.5 | 14 | 45 | 461 |
| L7400N 4650E | | 0.62 | 0.077 | | 2.0 | 2.28 | 220 | <10 | 40 | 0.8 | <2 | 0.62 | 1.2 | 68 | 67 | 1430 |
| L7400N 4675E | | 0.38 | 0.171 | | 2.0 | 2.54 | 296 | <10 | 40 | 1.0 | <2 | 0.64 | 1.3 | 72 | 80 | 1780 |
| L7400N 4700E | | 0.56 | 0.425 | | 1.8 | 3.86 | 103 | <10 | 60 | 0.6 | <2 | 0.83 | 2.6 | 49 | 224 | 892 |
| L7400N 4725E | | 0.40 | 0.043 | | 0.2 | 3.39 | 33 | <10 | 30 | <0.5 | <2 | 0.25 | <0.5 | 10 | 175 | 101 |
| L7400N 4750E | | 0.44 | 0.308 | | 0.9 | 2.79 | 75 | <10 | 20 | <0.5 | <2 | 0.36 | <0.5 | 20 | 181 | 358 |
| L7400N 4775E | | 0.46 | 0.218 | | 0.5 | 2.79 | 97 | <10 | 30 | 0.8 | <2 | 0.41 | <0.5 | 27 | 161 | 630 |
| L7400N 4800E | | 0.52 | 0.087 | | 2.1 | 2.69 | 56 | <10 | 20 | <0.5 | <2 | 0.31 | <0.5 | 10 | 133 | 237 |
| L7400N 4825E | | 0.44 | 0.128 | | 1.1 | 4.61 | 73 | <10 | 40 | 0.8 | <2 | 0.95 | 0.7 | 29 | 206 | 1310 |
| L7400N 4850E | | 0.40 | 0.051 | | 1.2 | 2.49 | 44 | <10 | 40 | 0.5 | <2 | 1.16 | <0.5 | 16 | 186 | 716 |
| L7400N 4875E | | 0.38 | 0.042 | | 0.7 | 2.89 | 54 | <10 | 50 | 1.1 | <2 | 1.03 | 1.9 | 27 | 65 | 1560 |
| L7400N 4900E | | 0.30 | 0.035 | | 0.4 | 1.70 | 27 | <10 | 40 | <0.5 | <2 | 0.30 | <0.5 | 25 | 34 | 525 |
| L7400N 4925E | | 0.32 | 0.030 | | 0.5 | 2.95 | 17 | <10 | 30 | 0.8 | <2 | 0.15 | <0.5 | 4 | 25 | 186 |
| L7400N 4950E | | 0.44 | 0.106 | | 0.9 | 2.67 | 20 | <10 | 20 | 0.7 | <2 | 0.24 | <0.5 | 7 | 47 | 550 |
| L7400N 4975E | | 0.30 | 0.075 | | 0.9 | 0.61 | 5 | <10 | 10 | <0.5 | <2 | 0.10 | <0.5 | 1 | 7 | 63 |
| L7400N 5000E | | 0.30 | 0.042 | | 0.6 | 3.86 | 85 | <10 | 70 | 2.0 | <2 | 0.59 | 1.9 | 61 | 40 | 1880 |
| L7400N 5025E | | 0.34 | 0.070 | | 0.5 | 2.23 | 27 | <10 | 40 | 0.6 | <2 | 0.20 | <0.5 | 5 | 89 | 187 |
| L7700N 4500E | | 0.16 | 0.019 | | 0.5 | 1.85 | 13 | <10 | 20 | 0.5 | <2 | 0.23 | <0.5 | 9 | 192 | 60 |
| L7700N 4525E | | 0.12 | 0.017 | | 0.9 | 1.84 | 9 | <10 | 30 | <0.5 | <2 | 0.31 | <0.5 | 12 | 242 | 54 |
| L7700N 4525E ( B) | | 0.06 | 0.005 | | <0.2 | 0.02 | <2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | <1 | 1 | 1 |
| L7700N 4550E | | 0.18 | 0.046 | | 1.0 | 2.92 | 37 | <10 | 30 | 0.9 | <2 | 0.14 | <0.5 | 5 | 121 | 87 |
| L7700N 4575E | | 0.14 | 0.058 | | 0.6 | 1.77 | 30 | <10 | 40 | 0.7 | <2 | 0.16 | <0.5 | 3 | 40 | 43 |
| L7700N 4575E D | | 0.12 | 0.051 | | 0.4 | 1.75 | 29 | <10 | 40 | 0.8 | <2 | 0.15 | <0.5 | 3 | 37 | 41 |
| L7700N 4600E | | 0.12 | 0.063 | | 0.8 | 0.98 | 29 | <10 | 50 | <0.5 | <2 | 0.12 | <0.5 | 2 | 15 | 34 |
| L7700N 4625E | | 0.10 | NSS | | 0.6 | 0.46 | 22 | <10 | 90 | <0.5 | <2 | 0.26 | <0.5 | 2 | 13 | 29 |
| L7700N 4650E | | 0.14 | NSS | | 1.1 | 1.11 | 17 | <10 | 40 | <0.5 | <2 | 0.10 | <0.5 | 2 | 19 | 42 |
| L7700N 4675E | | 0.14 | NSS | | 0.6 | 0.78 | 13 | <10 | 40 | <0.5 | <2 | 0.11 | <0.5 | 1 | 7 | 12 |
| L7700N 4700E | | 0.10 | NSS | | 0.7 | 0.45 | 5 | <10 | 50 | <0.5 | <2 | 0.11 | <0.5 | 1 | 3 | 9 |
| L7700N 4725E | | 0.10 | NSS | | 0.3 | 0.20 | <2 | <10 | 30 | <0.5 | 2 | 0.09 | <0.5 | 1 | 4 | 4 |
| L7700N 4750E | | 0.14 | 0.099 | | 1.3 | 1.16 | 33 | <10 | 30 | <0.5 | 3 | 0.18 | <0.5 | 3 | 13 | 71 |
| L7700N 4775E | | 0.18 | 0.134 | | 2.3 | 0.69 | 15 | <10 | 10 | <0.5 | <2 | 0.09 | <0.5 | 1 | 8 | 21 |
| L7700N 4800E | | 0.10 | NSS | | 0.9 | 0.17 | <2 | <10 | 30 | <0.5 | <2 | 1.02 | 1.3 | <1 | 2 | 23 |
| L7700N 4800E B | | 0.10 | <0.005 | | <0.2 | 0.01 | <2 | <10 | <10 | <0.5 | <2 | 0.01 | <0.5 | <1 | <1 | 1 |
| L7700N 4825E | | 0.10 | 0.355 | | 1.1 | 0.91 | 8 | <10 | 10 | <0.5 | <2 | 0.03 | <0.5 | 1 | 1 | 5 |
| L7700N 4850E | | 0.14 | 1.115 | 1.10 | 3.9 | 1.05 | 531 | <10 | 20 | <0.5 | 3 | 0.03 | 1.1 | 3 | 3 | 47 |
| L7700N 4875E | | 0.12 | 0.068 | | 1.2 | 1.04 | 276 | <10 | 10 | <0.5 | 2 | 0.05 | <0.5 | 1 | 1 | 7 |

*Comments: NSS is non-sufficient sample.*

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700 - 700 PENDER ST.
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Finalized Date: 26-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| L7400N 4525E | | 4.68 | 10 | <1 | 0.07 | 10 | 0.91 | 455 | 14 | 0.01 | 36 | 2380 | 16 | 0.08 | 4 | 1 |
| L7400N 4550E | | 3.33 | 10 | <1 | 0.05 | 10 | 0.34 | 119 | 10 | 0.01 | 18 | 1610 | 14 | 0.09 | 4 | 1 |
| L7400N 4575E | | 5.19 | 10 | 1 | 0.12 | 10 | 0.49 | 167 | 21 | 0.01 | 21 | 5600 | 15 | 0.10 | 7 | 2 |
| L7400N 4600E | | 4.66 | 10 | 1 | 0.07 | <10 | 0.50 | 145 | 17 | 0.01 | 28 | 3770 | 9 | 0.11 | 4 | 1 |
| L7400N 4625E | | 5.73 | <10 | 1 | 0.04 | <10 | 0.77 | 225 | 15 | 0.01 | 38 | 1410 | 30 | 0.14 | 9 | 2 |
| L7400N 4650E | | 7.43 | 10 | <1 | 0.15 | <10 | 1.76 | 1055 | 27 | 0.01 | 97 | 1900 | 33 | 0.10 | 22 | 5 |
| L7400N 4675E | | 8.21 | 10 | <1 | 0.13 | 10 | 1.92 | 1070 | 32 | 0.01 | 106 | 2030 | 41 | 0.09 | 27 | 5 |
| L7400N 4700E | | 6.87 | 10 | 1 | 0.58 | <10 | 3.84 | 1220 | 11 | 0.01 | 186 | 1450 | 176 | 0.06 | 3 | 9 |
| L7400N 4725E | | 5.49 | 10 | <1 | 0.52 | 10 | 2.66 | 334 | 5 | 0.02 | 115 | 880 | 22 | 0.07 | <2 | 8 |
| L7400N 4750E | | 5.68 | 10 | <1 | 0.30 | <10 | 2.34 | 937 | 7 | 0.01 | 85 | 2780 | 120 | 0.07 | 3 | 5 |
| L7400N 4775E | | 5.28 | 10 | 1 | 0.21 | 10 | 1.87 | 1980 | 9 | 0.03 | 84 | 4200 | 87 | 0.07 | 3 | 4 |
| L7400N 4800E | | 5.08 | 10 | <1 | 0.27 | <10 | 2.07 | 445 | 6 | 0.02 | 57 | 1310 | 47 | 0.07 | 3 | 4 |
| L7400N 4825E | | 5.56 | 10 | <1 | 0.17 | 10 | 1.85 | 1125 | 4 | 0.01 | 102 | 2150 | 49 | 0.08 | 3 | 4 |
| L7400N 4850E | | 4.20 | 10 | 1 | 0.15 | <10 | 1.77 | 543 | 2 | 0.02 | 91 | 850 | 26 | 0.07 | <2 | 2 |
| L7400N 4875E | | 4.12 | 10 | <1 | 0.10 | 10 | 0.99 | 1700 | 4 | 0.03 | 46 | 1280 | 46 | 0.11 | 4 | 3 |
| L7400N 4900E | | 3.68 | 10 | <1 | 0.10 | 10 | 0.75 | 1170 | 4 | 0.02 | 17 | 980 | 14 | 0.09 | 2 | 2 |
| L7400N 4925E | | 3.34 | 10 | 1 | 0.03 | 10 | 0.26 | 134 | 3 | 0.02 | 8 | 750 | 8 | 0.08 | 2 | 2 |
| L7400N 4950E | | 5.40 | 10 | <1 | 0.04 | 10 | 0.84 | 295 | 5 | 0.01 | 16 | 590 | 21 | 0.04 | 2 | 4 |
| L7400N 4975E | | 1.05 | 10 | <1 | 0.05 | 10 | 0.08 | 62 | 5 | 0.05 | 2 | 450 | 10 | 0.04 | <2 | <1 |
| L7400N 5000E | | 3.63 | 10 | 1 | 0.03 | 20 | 0.33 | 1540 | 7 | 0.02 | 47 | 1980 | 71 | 0.13 | <2 | 3 |
| L7400N 5025E | | 5.22 | 10 | 1 | 0.03 | 10 | 0.69 | 232 | 4 | 0.01 | 26 | 720 | 21 | 0.05 | <2 | 2 |
| L7700N 4500E | | 3.16 | 10 | <1 | 0.12 | <10 | 1.10 | 177 | 2 | 0.02 | 88 | 2430 | 5 | 0.04 | <2 | 1 |
| L7700N 4525E | | 2.85 | 10 | <1 | 0.17 | <10 | 1.45 | 181 | 2 | 0.02 | 126 | 1740 | 5 | 0.08 | <2 | 1 |
| L7700N 4525E ( B) | | 0.03 | <10 | <1 | <0.01 | <10 | 0.01 | <5 | <1 | <0.01 | <1 | 20 | <2 | 0.01 | <2 | <1 |
| L7700N 4550E | | 4.77 | 10 | <1 | 0.04 | 10 | 0.61 | 151 | 6 | 0.01 | 40 | 690 | 14 | 0.03 | <2 | 2 |
| L7700N 4575E | | 3.32 | 10 | 1 | 0.04 | 10 | 0.23 | 123 | 5 | 0.02 | 11 | 940 | 20 | 0.03 | <2 | 2 |
| L7700N 4575E D | | 3.20 | 10 | 1 | 0.04 | 10 | 0.21 | 118 | 5 | 0.02 | 11 | 860 | 16 | 0.03 | <2 | 2 |
| L7700N 4600E | | 2.19 | 10 | <1 | 0.03 | 10 | 0.11 | 63 | 4 | 0.01 | 6 | 430 | 17 | 0.05 | <2 | 1 |
| L7700N 4625E | | 2.04 | <10 | 1 | 0.03 | <10 | 0.09 | 76 | 3 | 0.02 | 4 | 640 | 4 | 0.09 | <2 | 1 |
| L7700N 4650E | | 1.47 | 10 | 1 | 0.03 | 10 | 0.11 | 48 | 3 | 0.02 | 7 | 1120 | 17 | 0.10 | <2 | <1 |
| L7700N 4675E | | 0.66 | 10 | <1 | 0.03 | <10 | 0.04 | 26 | 2 | 0.01 | 2 | 330 | 12 | 0.04 | <2 | <1 |
| L7700N 4700E | | 0.53 | <10 | <1 | 0.06 | <10 | 0.03 | 40 | 1 | 0.03 | 1 | 1000 | 6 | 0.10 | <2 | <1 |
| L7700N 4725E | | 0.40 | <10 | <1 | 0.05 | 10 | 0.02 | 44 | 1 | 0.04 | 2 | 330 | <2 | 0.03 | <2 | <1 |
| L7700N 4750E | | 1.62 | 10 | <1 | 0.04 | 10 | 0.31 | 136 | 3 | 0.02 | 6 | 460 | 80 | 0.02 | <2 | 1 |
| L7700N 4775E | | 0.75 | 10 | <1 | 0.04 | 10 | 0.06 | 62 | 3 | 0.03 | 2 | 420 | 51 | 0.02 | <2 | <1 |
| L7700N 4800E | | 0.26 | <10 | 1 | 0.03 | 10 | 0.03 | 30 | 7 | 0.03 | 2 | 560 | 4 | 0.09 | <2 | <1 |
| L7700N 4800E B | | 0.02 | <10 | <1 | <0.01 | <10 | <0.01 | <5 | <1 | <0.01 | 1 | 10 | 2 | <0.01 | <2 | <1 |
| L7700N 4825E | | 0.38 | 20 | <1 | 0.04 | 10 | 0.04 | 36 | 1 | 0.01 | <1 | 220 | 16 | <0.01 | <2 | 1 |
| L7700N 4850E | | 3.80 | 10 | 1 | 0.06 | 10 | 0.10 | 2130 | 6 | 0.01 | 1 | 730 | 43 | 0.02 | 3 | <1 |
| L7700N 4875E | | 0.66 | 10 | 1 | 0.05 | <10 | 0.09 | 97 | 2 | 0.01 | 1 | 260 | 22 | <0.01 | 3 | 1 |

Comments: NSS is non-sufficient sample.

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**VANCOUVER BC V6C 1G8**


**Finalized Date: 26-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method / Analyte / Units / LOR | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|---|---|---|---|---|---|---|---|---|
| L7400N 4525E | | 21 | 0.08 | <10 | <10 | 102 | <10 | 52 |
| L7400N 4550E | | 10 | 0.07 | <10 | <10 | 51 | <10 | 36 |
| L7400N 4575E | | 7 | 0.09 | <10 | <10 | 97 | <10 | 27 |
| L7400N 4600E | | 9 | 0.08 | <10 | <10 | 101 | <10 | 33 |
| L7400N 4625E | | 17 | 0.04 | <10 | <10 | 87 | <10 | 54 |
| L7400N 4650E | | 27 | 0.08 | <10 | <10 | 108 | <10 | 160 |
| L7400N 4675E | | 31 | 0.08 | <10 | <10 | 119 | <10 | 197 |
| L7400N 4700E | | 35 | 0.23 | <10 | <10 | 154 | <10 | 360 |
| L7400N 4725E | | 8 | 0.30 | <10 | <10 | 163 | <10 | 68 |
| L7400N 4750E | | 24 | 0.14 | <10 | <10 | 142 | <10 | 161 |
| L7400N 4775E | | 21 | 0.16 | <10 | <10 | 117 | <10 | 147 |
| L7400N 4800E | | 12 | 0.20 | <10 | <10 | 136 | <10 | 98 |
| L7400N 4825E | | 26 | 0.15 | <10 | <10 | 129 | <10 | 247 |
| L7400N 4850E | | 27 | 0.17 | <10 | <10 | 110 | <10 | 135 |
| L7400N 4875E | | 25 | 0.10 | <10 | <10 | 82 | <10 | 264 |
| L7400N 4900E | | 12 | 0.11 | <10 | <10 | 76 | <10 | 92 |
| L7400N 4925E | | 8 | 0.10 | <10 | <10 | 51 | <10 | 27 |
| L7400N 4950E | | 15 | 0.24 | <10 | <10 | 143 | <10 | 42 |
| L7400N 4975E | | 6 | 0.14 | <10 | <10 | 26 | <10 | 13 |
| L7400N 5000E | | 17 | 0.06 | <10 | <10 | 46 | <10 | 227 |
| L7400N 5025E | | 13 | 0.22 | <10 | <10 | 123 | <10 | 43 |
| L7700N 4500E | | 11 | 0.16 | <10 | <10 | 69 | <10 | 26 |
| L7700N 4525E | | 14 | 0.10 | <10 | <10 | 56 | <10 | 28 |
| L7700N 4525E ( B) | | 1 | <0.01 | <10 | <10 | <1 | <10 | 4 |
| L7700N 4550E | | 8 | 0.20 | <10 | <10 | 107 | <10 | 35 |
| L7700N 4575E | | 11 | 0.15 | <10 | <10 | 99 | <10 | 23 |
| L7700N 4575E D | | 10 | 0.14 | <10 | <10 | 91 | <10 | 22 |
| L7700N 4600E | | 13 | 0.12 | <10 | <10 | 78 | <10 | 15 |
| L7700N 4625E | | 15 | 0.11 | <10 | <10 | 63 | <10 | 17 |
| L7700N 4650E | | 10 | 0.03 | <10 | <10 | 26 | <10 | 16 |
| L7700N 4675E | | 13 | 0.05 | <10 | <10 | 27 | <10 | 14 |
| L7700N 4700E | | 13 | 0.03 | <10 | <10 | 5 | <10 | 13 |
| L7700N 4725E | | 9 | 0.05 | <10 | <10 | 9 | <10 | 13 |
| L7700N 4750E | | 19 | 0.15 | <10 | <10 | 57 | <10 | 38 |
| L7700N 4775E | | 11 | 0.07 | <10 | <10 | 25 | <10 | 19 |
| L7700N 4800E | | 30 | 0.02 | <10 | <10 | 4 | <10 | 57 |
| L7700N 4800E B | | 1 | <0.01 | <10 | <10 | <1 | <10 | 5 |
| L7700N 4825E | | 5 | 0.02 | <10 | <10 | 20 | <10 | 14 |
| L7700N 4850E | | 3 | 0.01 | <10 | <10 | 32 | <10 | 472 |
| L7700N 4875E | | 5 | 0.02 | <10 | <10 | 29 | <10 | 28 |

Comments: NSS is non-sufficient sample.

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**VANCOUVER BC V6C 1G8**


**Finalized Date: 26-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | Au-GRA21 Au ppm 0.05 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 Al % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L7700N 4900E | | 0.04 | NSS | | 0.8 | 0.20 | 3 | <10 | 40 | <0.5 | 2 | 0.26 | <0.5 | 1 | 2 | 16 |
| L7700N 4925E | | 0.10 | NSS | | 0.7 | 0.20 | 6 | <10 | 10 | <0.5 | <2 | 0.08 | <0.5 | 1 | 4 | 9 |
| L7700N 4950E | | 0.12 | <0.005 | | 0.6 | 0.45 | 2 | <10 | 30 | <0.5 | 2 | 0.11 | <0.5 | 1 | 5 | 46 |
| L7700N 4975E | | 0.14 | 0.224 | | 0.3 | 0.49 | 3 | <10 | 10 | <0.5 | 2 | 0.05 | <0.5 | <1 | 4 | 45 |
| L7700N 5000E | | 0.08 | NSS | | 1.0 | 0.25 | <2 | <10 | 40 | <0.5 | 2 | 0.10 | <0.5 | 1 | 3 | 11 |
| L7700N 5025E | | 0.10 | <0.005 | | <0.2 | 0.29 | <2 | <10 | 10 | <0.5 | <2 | 0.07 | <0.5 | 1 | 4 | 4 |
| L7800N 4600E | | 0.08 | 0.028 | | 0.9 | 0.89 | 8 | <10 | 20 | <0.5 | 2 | 0.09 | <0.5 | 3 | 6 | 64 |
| L7800N 4600E D | | 0.08 | 0.042 | | 0.7 | 1.04 | 9 | <10 | 30 | <0.5 | 2 | 0.10 | <0.5 | 3 | 7 | 79 |
| L7800N 4625E | | 0.10 | 0.009 | | 0.3 | 0.24 | <2 | <10 | 10 | <0.5 | 2 | 0.05 | <0.5 | 1 | 5 | 3 |
| L7800N 4650E | | 0.08 | NSS | | 0.3 | 0.54 | 5 | <10 | 30 | <0.5 | <2 | 0.76 | <0.5 | 2 | 5 | 167 |
| L7800N 4675E | | 0.10 | 0.064 | | 0.3 | 0.74 | 2 | <10 | 20 | <0.5 | <2 | 0.04 | <0.5 | <1 | 2 | 10 |
| L7800N 4700E | | 0.08 | NSS | | <0.2 | 0.24 | <2 | <10 | 10 | <0.5 | 2 | 0.09 | <0.5 | 1 | 6 | 4 |
| L7800N 4725E | | 0.10 | NSS | | 0.4 | 0.25 | <2 | <10 | 50 | <0.5 | <2 | 0.15 | <0.5 | 1 | 3 | 6 |
| L7800N 4750E | | 0.12 | 0.007 | | <0.2 | 0.35 | 4 | <10 | 10 | <0.5 | 2 | 0.06 | <0.5 | 1 | 5 | 5 |
| L7800N 4775E | | 0.16 | 0.147 | | 0.4 | 0.87 | 8 | <10 | 20 | <0.5 | 3 | 0.06 | <0.5 | 1 | 4 | 7 |
| L7800N 4775E D | | 0.16 | 0.086 | | 2.8 | 0.73 | 16 | <10 | 10 | <0.5 | 2 | 0.11 | <0.5 | 1 | 9 | 27 |
| L7800N 4800E | | 0.16 | 0.044 | | 0.6 | 0.74 | 4 | <10 | 10 | <0.5 | <2 | 0.10 | <0.5 | 1 | 4 | 11 |
| L7800N 4825E | | 0.12 | 0.111 | | 1.1 | 1.08 | 12 | <10 | 20 | <0.5 | <2 | 0.03 | <0.5 | 2 | 2 | 9 |
| L7800N 4850E | | 0.12 | 0.305 | | 1.0 | 1.27 | 100 | <10 | 10 | <0.5 | <2 | 0.05 | <0.5 | 4 | 2 | 76 |
| L7800N 4875E | | 0.10 | NSS | | 2.2 | 0.37 | 2 | <10 | 30 | <0.5 | <2 | 0.13 | <0.5 | 2 | 4 | 12 |
| L7800N 4900E | | 0.10 | NSS | | 5.9 | 1.97 | 121 | <10 | 60 | 1.5 | 5 | 1.14 | 4.0 | 22 | 6 | 5830 |
| L7800N 4925E | | 0.10 | 0.074 | | 0.3 | 1.29 | 3 | <10 | 10 | <0.5 | 2 | 0.18 | <0.5 | 2 | 3 | 82 |
| L7800N 4950E | | 0.24 | 0.040 | | 0.5 | 0.93 | 2 | <10 | 10 | <0.5 | 3 | 0.20 | <0.5 | 1 | 4 | 46 |
| L7800N 4975E | | 0.12 | 0.010 | | 0.2 | 0.33 | <2 | <10 | 10 | <0.5 | 2 | 0.09 | <0.5 | 1 | 3 | 5 |
| L7800N 5000E | | 0.16 | <0.005 | | <0.2 | 0.78 | <2 | <10 | 20 | 0.7 | <2 | 0.12 | <0.5 | 2 | 7 | 14 |
| L7800N 5025E | | 0.10 | 0.009 | | <0.2 | 0.33 | 2 | <10 | 10 | <0.5 | <2 | 0.04 | <0.5 | 1 | 5 | 3 |
| L7800N 4872E D | | 0.10 | NSS | | 1.6 | 0.42 | <2 | <10 | 30 | <0.5 | <2 | 0.09 | <0.5 | 3 | 6 | 19 |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 26-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| L7700N 4900E | | 0.32 | <10 | <1 | 0.07 | 10 | 0.03 | 98 | 2 | 0.04 | 2 | 720 | 10 | 0.06 | <2 | <1 |
| L7700N 4925E | | 0.48 | <10 | <1 | 0.06 | 10 | 0.02 | 58 | 2 | 0.06 | 1 | 250 | 6 | 0.01 | <2 | <1 |
| L7700N 4950E | | 0.76 | 10 | <1 | 0.09 | 10 | 0.03 | 74 | 2 | 0.11 | 3 | 250 | 18 | 0.01 | <2 | <1 |
| L7700N 4975E | | 0.37 | 10 | 1 | 0.05 | 10 | 0.02 | 33 | 2 | 0.04 | 1 | 340 | 10 | 0.02 | <2 | <1 |
| L7700N 5000E | | 0.35 | <10 | <1 | 0.05 | 10 | 0.02 | 40 | 1 | 0.05 | 2 | 440 | 2 | 0.03 | <2 | <1 |
| L7700N 5025E | | 0.50 | <10 | 1 | 0.07 | 10 | 0.02 | 59 | 2 | 0.08 | 1 | 280 | 26 | 0.02 | <2 | <1 |
| L7800N 4600E | | 1.26 | 10 | 1 | 0.04 | 10 | 0.10 | 39 | 5 | 0.01 | 3 | 310 | 6 | 0.02 | <2 | 1 |
| L7800N 4600E D | | 1.58 | 10 | <1 | 0.04 | 10 | 0.11 | 42 | 7 | 0.01 | 3 | 290 | 8 | 0.02 | <2 | 2 |
| L7800N 4625E | | 0.68 | <10 | <1 | 0.06 | 10 | 0.02 | 71 | 2 | 0.07 | 1 | 180 | 3 | 0.01 | <2 | <1 |
| L7800N 4650E | | 0.79 | <10 | 1 | 0.06 | 10 | 0.16 | 140 | 1 | 0.02 | 5 | 1060 | 2 | 0.09 | <2 | <1 |
| L7800N 4675E | | 0.36 | 10 | 1 | 0.03 | <10 | 0.03 | 25 | 1 | 0.01 | 2 | 200 | 2 | <0.01 | <2 | <1 |
| L7800N 4700E | | 0.84 | <10 | 1 | 0.05 | 10 | 0.02 | 95 | 2 | 0.07 | 2 | 270 | 3 | 0.02 | <2 | <1 |
| L7800N 4725E | | 0.37 | <10 | 1 | 0.04 | 10 | 0.03 | 47 | 1 | 0.03 | 3 | 780 | <2 | 0.08 | <2 | <1 |
| L7800N 4750E | | 0.52 | <10 | 1 | 0.05 | 10 | 0.02 | 52 | 1 | 0.05 | 2 | 620 | 4 | 0.03 | <2 | <1 |
| L7800N 4775E | | 0.46 | 10 | 1 | 0.03 | 10 | 0.04 | 33 | 2 | 0.02 | 1 | 260 | 10 | 0.01 | <2 | <1 |
| L7800N 4775E D | | 1.07 | 10 | 1 | 0.05 | 10 | 0.07 | 75 | 3 | 0.05 | 4 | 470 | 56 | 0.03 | <2 | <1 |
| L7800N 4800E | | 0.68 | 10 | <1 | 0.03 | <10 | 0.19 | 112 | 1 | 0.02 | 1 | 540 | 5 | 0.02 | <2 | <1 |
| L7800N 4825E | | 0.69 | 10 | <1 | 0.05 | 10 | 0.04 | 47 | 2 | 0.02 | 1 | 200 | 5 | 0.01 | <2 | <1 |
| L7800N 4850E | | 1.31 | 20 | <1 | 0.04 | 10 | 0.07 | 59 | 7 | 0.01 | 1 | 240 | 8 | <0.01 | 3 | 1 |
| L7800N 4875E | | 1.40 | <10 | <1 | 0.04 | 10 | 0.03 | 67 | 3 | 0.04 | 3 | 350 | 3 | 0.03 | <2 | <1 |
| L7800N 4900E | | 2.40 | 10 | 1 | 0.04 | 20 | 0.06 | 813 | 13 | 0.03 | 7 | 1630 | 96 | 0.14 | 2 | 1 |
| L7800N 4925E | | 0.82 | 10 | <1 | 0.04 | <10 | 0.14 | 50 | 1 | 0.01 | 1 | 300 | 10 | 0.01 | 3 | 2 |
| L7800N 4950E | | 0.55 | 10 | 1 | 0.02 | 10 | 0.03 | 27 | 2 | 0.01 | 1 | 490 | 8 | 0.03 | <2 | 1 |
| L7800N 4975E | | 0.64 | <10 | 1 | 0.05 | 10 | 0.02 | 65 | 2 | 0.04 | 2 | 480 | 3 | 0.02 | <2 | <1 |
| L7800N 5000E | | 1.68 | 10 | <1 | 0.12 | 10 | 0.08 | 133 | 4 | 0.16 | 3 | 430 | 4 | 0.04 | <2 | <1 |
| L7800N 5025E | | 0.65 | <10 | <1 | 0.07 | 10 | 0.02 | 71 | 2 | 0.09 | 2 | 280 | 5 | 0.02 | <2 | <1 |
| L7800N 4872E D | | 2.31 | 10 | 2 | 0.05 | 10 | 0.03 | 67 | 3 | 0.03 | 3 | 320 | 3 | 0.02 | <2 | 1 |

Comments: NSS is non-sufficient sample.

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 26-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06072677

| Sample Description | Method / Analyte / Units / LOR | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 |
|---|---|---|---|---|---|---|---|---|
| L7700N 4900E | | 6 | 0.03 | <10 | <10 | 5 | <10 | 34 |
| L7700N 4925E | | 4 | 0.09 | <10 | <10 | 9 | <10 | 14 |
| L7700N 4950E | | 4 | 0.12 | <10 | <10 | 12 | <10 | 19 |
| L7700N 4975E | | 4 | 0.08 | <10 | <10 | 11 | <10 | 7 |
| L7700N 5000E | | 7 | 0.05 | <10 | <10 | 7 | <10 | 11 |
| L7700N 5025E | | 5 | 0.11 | <10 | <10 | 10 | <10 | 14 |
| L7800N 4600E | | 16 | 0.08 | <10 | <10 | 43 | <10 | 10 |
| L7800N 4600E D | | 16 | 0.12 | <10 | <10 | 54 | <10 | 10 |
| L7800N 4625E | | 3 | 0.12 | <10 | <10 | 13 | <10 | 13 |
| L7800N 4650E | | 19 | 0.02 | <10 | <10 | 18 | <10 | 24 |
| L7800N 4675E | | 4 | 0.02 | <10 | <10 | 24 | <10 | 7 |
| L7800N 4700E | | 5 | 0.11 | <10 | <10 | 16 | <10 | 18 |
| L7800N 4725E | | 17 | 0.03 | <10 | <10 | 6 | <10 | 11 |
| L7800N 4750E | | 6 | 0.05 | <10 | <10 | 10 | <10 | 11 |
| L7800N 4775E | | 8 | 0.06 | <10 | <10 | 26 | <10 | 10 |
| L7800N 4775E D | | 9 | 0.09 | <10 | <10 | 25 | <10 | 22 |
| L7800N 4800E | | 7 | 0.03 | <10 | <10 | 24 | <10 | 26 |
| L7800N 4825E | | 2 | 0.02 | <10 | <10 | 18 | <10 | 15 |
| L7800N 4850E | | 3 | 0.01 | <10 | <10 | 76 | <10 | 33 |
| L7800N 4875E | | 11 | 0.06 | <10 | <10 | 42 | <10 | 18 |
| L7800N 4900E | | 33 | 0.02 | <10 | <10 | 27 | <10 | 141 |
| L7800N 4925E | | 23 | 0.09 | <10 | <10 | 59 | <10 | 12 |
| L7800N 4950E | | 49 | 0.12 | <10 | <10 | 39 | <10 | 6 |
| L7800N 4975E | | 8 | 0.07 | <10 | <10 | 12 | <10 | 11 |
| L7800N 5000E | | 5 | 0.15 | <10 | <10 | 15 | <10 | 22 |
| L7800N 5025E | | 3 | 0.12 | <10 | <10 | 10 | <10 | 14 |
| L7800N 4872E D | | 8 | 0.06 | <10 | <10 | 72 | <10 | 26 |

Comments: NSS is non-sufficient sample.

## Appendix D.2: Certificates of Analysis

## (Rock Samples)

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**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 1-AUG-2006**
**Account: EIA**

## CERTIFICATE VA06064081

Project: Trek

P.O. No.: RG06-01

This report is for 34 Rock samples submitted to our lab in Vancouver, BC, Canada on 7-JUL-2006.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| EQUITY ENG E-MAIL | ROMIOS GOLD | ADAM SIMMONS |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-31 | Pulverize split to 85% <75 um |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Cu-AA46 | Ore grade Cu - aqua regia/AA | AAS |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-GRA21 | Au 30g FA-GRAV finish | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |

To: **EQUITY ENGINEERING LTD.**
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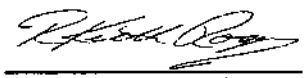
**VANCOUVER BC V6C 1G8**

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:** 
Keith Rogers, Executive Manager Vancouver Laboratory

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 1-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064081

| Sample Description | Method | WEI-21 | Au-AA25 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu |
| | Units | kg | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.01 | 0.05 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 |
| B391129 | | 0.98 | 0.60 | | 1.2 | 1.42 | 25 | 10 | 10 | <0.5 | <2 | 1.51 | <0.5 | 18 | 51 | 3090 |
| B391130 | | 1.32 | 0.03 | | 2.0 | 2.66 | 29 | <10 | 200 | 0.6 | <2 | 4.23 | <0.5 | 20 | 6 | 251 |
| B391131 | | 0.70 | 0.01 | | <0.2 | 2.04 | 5 | <10 | 370 | <0.5 | <2 | 8.07 | <0.5 | 19 | 50 | 17 |
| B391132 | | 1.04 | <0.01 | | <0.2 | 2.58 | 8 | <10 | 340 | <0.5 | <2 | 0.84 | <0.5 | 41 | 80 | 170 |
| B391133 | | 1.22 | 0.02 | | 0.8 | 4.68 | <2 | <10 | 80 | 0.6 | <2 | 2.23 | <0.5 | 29 | 74 | 970 |
| B391134 | | 0.74 | 0.39 | | 8.6 | 7.25 | 9 | <10 | 80 | 0.5 | <2 | 1.72 | <0.5 | 34 | 90 | 6200 |
| B391135 | | 1.24 | <0.01 | | <0.2 | 1.61 | 7 | <10 | 140 | <0.5 | <2 | 2.45 | <0.5 | 20 | 63 | 38 |
| B391136 | | 1.04 | <0.01 | | <0.2 | 8.06 | 5 | <10 | 540 | 0.5 | <2 | 3.76 | <0.5 | 30 | 31 | 87 |
| B391137 | | 0.76 | <0.01 | | 0.2 | 4.35 | 5 | <10 | 400 | <0.5 | <2 | 6.77 | <0.5 | 13 | 46 | 44 |
| B391138 | | 1.46 | 0.09 | | 1.7 | 4.31 | 4 | <10 | 830 | <0.5 | <2 | 6.09 | <0.5 | 21 | 44 | 807 |
| B391139 | | 1.34 | 0.05 | | 1.0 | 7.54 | <2 | <10 | 830 | 0.7 | <2 | 6.39 | <0.5 | 23 | 71 | 538 |
| B391140 | | 1.04 | <0.01 | | 0.2 | 0.41 | 41 | <10 | 50 | <0.5 | <2 | 6.37 | <0.5 | 13 | 6 | 266 |
| B391141 | | 0.76 | 0.01 | | 0.3 | 2.54 | 8 | <10 | 100 | 0.8 | <2 | 3.25 | <0.5 | 30 | 66 | 936 |
| B391142 | | 2.06 | 2.29 | 2.22 | 17.2 | 0.29 | 76 | <10 | 40 | <0.5 | <2 | 0.17 | <0.5 | 77 | <1 | >10000 |
| B391143 | | 2.72 | 0.50 | | 8.7 | 0.39 | 54 | <10 | 20 | <0.5 | <2 | 5.85 | <0.5 | 15 | <1 | >10000 |
| B391144 | | 2.18 | 0.12 | | 1.4 | 0.82 | 283 | <10 | 30 | <0.5 | <2 | 2.23 | 0.5 | 12 | 1 | 264 |
| B391145 | | 0.82 | <0.01 | | <0.2 | 3.94 | 9 | <10 | 90 | <0.5 | <2 | 5.14 | <0.5 | 26 | 136 | 158 |
| B391146 | | 0.74 | 0.11 | | 0.8 | 2.72 | 348 | <10 | 200 | 0.6 | <2 | 0.30 | <0.5 | 60 | 10 | 59 |
| B391147 | | 0.62 | <0.01 | | <0.2 | 0.05 | <2 | <10 | <10 | <0.5 | <2 | 0.05 | <0.5 | 1 | 9 | 20 |
| M270596 | | 1.44 | 7.30 | 7.56 | 20.4 | 0.22 | 38 | <10 | <10 | <0.5 | 5 | 0.70 | 3.8 | 231 | <1 | >10000 |
| M270597 | | 1.02 | 1.42 | 1.39 | 2.4 | 1.48 | 75 | 10 | <10 | <0.5 | <2 | 1.37 | <0.5 | 98 | 6 | 9340 |
| M270598 | | 1.14 | 0.24 | | 3.4 | 0.88 | 15 | 20 | 100 | <0.5 | <2 | 2.84 | <0.5 | 32 | 17 | 4050 |
| M270599 | | 1.32 | 0.53 | | 20.8 | 2.21 | 979 | <10 | 10 | <0.5 | 19 | 0.34 | 0.8 | 68 | 121 | 6500 |
| M270600 | | 1.50 | 1.31 | 1.38 | 70.6 | 1.09 | 4610 | <10 | 20 | <0.5 | 23 | 0.21 | 0.9 | 59 | 7 | >10000 |
| M270601 | | 1.22 | 0.99 | | 16.4 | 1.44 | 69 | <10 | 20 | <0.5 | <2 | 1.06 | 0.9 | 100 | <1 | >10000 |
| M270602 | | 1.38 | 1.23 | 1.26 | 13.8 | 1.54 | 70 | <10 | 30 | <0.5 | <2 | 2.67 | 2.5 | 43 | <1 | >10000 |
| M270603 | | 0.82 | 0.35 | | 6.7 | 3.00 | 83 | <10 | 10 | <0.5 | <2 | 3.55 | 6.9 | 101 | 270 | 4340 |
| M270604 | | 2.20 | 0.24 | | 1.8 | 0.68 | 14 | <10 | 250 | 0.8 | <2 | 4.51 | <0.5 | 14 | 3 | 3000 |
| M270605 | | 1.20 | 0.06 | | 4.5 | 0.42 | 26 | <10 | 70 | 0.6 | <2 | 5.21 | <0.5 | 18 | 4 | 1855 |
| M270606 | | 1.76 | 0.53 | | 10.4 | 0.37 | 78 | <10 | 20 | <0.5 | <2 | 8.31 | <0.5 | 16 | <1 | >10000 |
| M270607 | | 1.22 | 0.08 | | 4.5 | 0.48 | 197 | <10 | 60 | 0.9 | <2 | 0.52 | <0.5 | 9 | 1 | 194 |
| M270608 | | 1.30 | 0.04 | | 5.3 | 1.80 | 4 | <10 | 10 | <0.5 | <2 | 1.58 | <0.5 | 635 | <1 | 3080 |
| M270609 | | 1.02 | 0.47 | | 4.7 | 3.71 | <2 | <10 | 80 | <0.5 | <2 | 1.40 | <0.5 | 23 | 21 | 1830 |
| M270610 | | 1.22 | 0.37 | | 2.7 | 5.36 | <2 | <10 | 50 | 0.7 | <2 | 2.52 | <0.5 | 46 | 20 | 157 |

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**Finalized Date: 1-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064081

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| B391129 | | 3.43 | <10 | <1 | 0.05 | <10 | 1.10 | 317 | <1 | 0.03 | 47 | 1640 | 16 | 0.25 | 11 | 3 |
| B391130 | | 5.15 | <10 | <1 | 2.09 | 10 | 1.50 | 1735 | <1 | 0.03 | 11 | 1890 | 30 | 0.92 | <2 | 7 |
| B391131 | | 4.50 | <10 | <1 | 1.22 | <10 | 2.08 | 917 | <1 | 0.05 | 19 | 1460 | <2 | 0.01 | <2 | 8 |
| B391132 | | 4.43 | <10 | <1 | 1.50 | <10 | 2.52 | 433 | <1 | 0.05 | 39 | 1940 | <2 | 0.92 | <2 | 3 |
| B391133 | | 7.08 | 10 | <1 | 1.71 | <10 | 1.51 | 2070 | <1 | 0.22 | 26 | 2260 | <2 | 1.88 | <2 | 12 |
| B391134 | | 15.7 | 10 | <1 | 3.84 | <10 | 3.08 | 4790 | <1 | 0.07 | 45 | 1940 | <2 | 3.38 | <2 | 21 |
| B391135 | | 2.71 | <10 | <1 | 1.19 | 10 | 1.76 | 670 | <1 | 0.04 | 31 | 2080 | <2 | 0.02 | <2 | 3 |
| B391136 | | 6.87 | 10 | <1 | 3.33 | <10 | 3.85 | 993 | <1 | 0.64 | 24 | 1440 | <2 | 0.23 | <2 | 32 |
| B391137 | | 4.16 | <10 | <1 | 2.01 | <10 | 1.72 | 1110 | <1 | 0.25 | 13 | 1080 | <2 | 0.07 | <2 | 15 |
| B391138 | | 6.27 | 10 | <1 | 2.47 | <10 | 2.30 | 1090 | <1 | 0.22 | 20 | 1820 | <2 | 0.15 | <2 | 9 |
| B391139 | | 7.02 | 10 | 1 | 3.59 | <10 | 2.99 | 1225 | <1 | 0.39 | 26 | 1680 | <2 | 0.37 | <2 | 29 |
| B391140 | | 4.07 | <10 | 1 | 0.19 | <10 | 1.82 | 1260 | <1 | 0.03 | 26 | 930 | <2 | 0.04 | 3 | 6 |
| B391141 | | 6.11 | 10 | 1 | 0.18 | <10 | 2.79 | 566 | <1 | 0.03 | 46 | 1770 | 19 | 0.11 | <2 | 14 |
| B391142 | | 9.96 | <10 | <1 | 0.24 | <10 | 0.03 | 33 | 2900 | 0.01 | 56 | 910 | 12 | 9.12 | 13 | 1 |
| B391143 | | 3.69 | <10 | <1 | 0.21 | <10 | 0.22 | 794 | 225 | 0.02 | 21 | 1830 | <2 | 2.86 | 3 | 6 |
| B391144 | | 3.47 | <10 | <1 | 0.22 | <10 | 0.64 | 1150 | 5 | 0.03 | 5 | 970 | 23 | 1.46 | 4 | 1 |
| B391145 | | 5.97 | 10 | <1 | 1.27 | <10 | 3.13 | 1400 | <1 | 0.02 | 37 | 1920 | <2 | 0.39 | <2 | 20 |
| B391146 | | 9.67 | 10 | <1 | 0.21 | <10 | 2.02 | 920 | 4 | <0.01 | 15 | 1720 | 30 | 1.55 | 5 | 3 |
| B391147 | | 0.30 | <10 | <1 | 0.02 | <10 | 0.03 | 37 | 1 | <0.01 | 1 | 20 | <2 | 0.01 | <2 | <1 |
| M270596 | | 18.6 | <10 | 1 | 0.01 | <10 | 0.17 | 88 | <1 | 0.01 | 83 | 3100 | 4 | 6.28 | 5 | 3 |
| M270597 | | 5.62 | <10 | <1 | 0.05 | <10 | 1.16 | 371 | <1 | 0.03 | 60 | 2320 | <2 | 2.68 | 14 | 3 |
| M270598 | | 2.74 | <10 | <1 | 0.36 | <10 | 0.44 | 410 | 4 | 0.03 | 24 | 730 | <2 | 0.86 | <2 | 1 |
| M270599 | | 20.5 | <10 | <1 | 1.44 | <10 | 1.02 | 1180 | 66 | 0.03 | 84 | 1150 | 95 | >10.0 | <2 | 5 |
| M270600 | | 21.5 | <10 | 1 | 0.55 | 10 | 0.29 | 464 | 19 | 0.05 | 20 | 530 | 109 | >10.0 | 52 | 2 |
| M270601 | | 4.85 | <10 | <1 | 0.04 | <10 | 1.25 | 580 | 20 | 0.03 | 14 | 2350 | <2 | 1.94 | <2 | 3 |
| M270602 | | 3.92 | <10 | <1 | 0.11 | <10 | 1.34 | 667 | 48 | 0.02 | 21 | 1750 | 2 | 1.41 | <2 | 4 |
| M270603 | | 6.82 | 10 | <1 | 0.30 | <10 | 3.07 | 2600 | <1 | 0.02 | 167 | 1640 | 231 | 0.87 | <2 | 10 |
| M270604 | | 2.08 | <10 | <1 | 0.17 | <10 | 1.46 | 1110 | 30 | 0.02 | 33 | 1960 | 25 | 0.99 | 10 | 6 |
| M270605 | | 2.81 | <10 | <1 | 0.19 | <10 | 1.60 | 1765 | 1 | 0.02 | 20 | 2580 | 16 | 1.36 | 49 | 8 |
| M270606 | | 4.59 | <10 | <1 | 0.21 | 10 | 0.12 | 1020 | 172 | 0.01 | 23 | 1720 | <2 | 3.28 | 11 | 7 |
| M270607 | | 7.90 | <10 | <1 | 0.32 | 10 | 0.15 | 155 | 88 | 0.01 | 2 | 650 | 316 | 6.97 | 4 | 1 |
| M270608 | | 37.5 | <10 | <1 | 0.01 | <10 | 0.03 | 342 | 39 | 0.10 | 101 | 590 | <2 | >10.0 | <2 | 1 |
| M270609 | | 5.93 | 10 | <1 | 1.86 | <10 | 2.26 | 1525 | 6 | 0.21 | 17 | 2060 | 8 | 3.55 | <2 | 25 |
| M270610 | | 11.60 | 10 | <1 | 1.91 | <10 | 1.98 | 2510 | <1 | 0.13 | 23 | 1840 | <2 | 9.44 | <2 | 25 |

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To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 1-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06064081

| Sample Description | Method Analyte Units LOR | ME-ICP41 Sr ppm 1 | ME-ICP41 Ti % 0.01 | ME-ICP41 Tl ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | Cu-AA46 Cu % 0.01 |
|---|---|---|---|---|---|---|---|---|---|
| B391129 | | 31 | 0.22 | <10 | <10 | 80 | <10 | 85 | |
| B391130 | | 168 | 0.22 | <10 | <10 | 153 | <10 | 208 | |
| B391131 | | 136 | 0.21 | <10 | <10 | 205 | <10 | 33 | |
| B391132 | | 37 | 0.26 | <10 | <10 | 116 | <10 | 36 | |
| B391133 | | 161 | 0.22 | <10 | <10 | 197 | <10 | 65 | |
| B391134 | | 49 | 0.22 | <10 | <10 | 263 | 10 | 120 | |
| B391135 | | 117 | 0.17 | <10 | <10 | 115 | <10 | 54 | |
| B391136 | | 255 | 0.32 | <10 | <10 | 301 | <10 | 110 | |
| B391137 | | 288 | 0.21 | <10 | <10 | 204 | <10 | 63 | |
| B391138 | | 189 | 0.27 | <10 | <10 | 202 | <10 | 89 | |
| B391139 | | 387 | 0.33 | <10 | <10 | 269 | <10 | 103 | |
| B391140 | | 280 | <0.01 | <10 | <10 | 20 | <10 | 72 | |
| B391141 | | 73 | 0.07 | <10 | <10 | 170 | <10 | 69 | |
| B391142 | | 3 | <0.01 | <10 | <10 | 8 | 10 | 16 | 2.85 |
| B391143 | | 96 | <0.01 | <10 | <10 | 20 | <10 | 48 | 2.96 |
| B391144 | | 43 | <0.01 | <10 | <10 | 12 | <10 | 144 | |
| B391145 | | 140 | 0.23 | <10 | <10 | 204 | <10 | 72 | |
| B391146 | | 39 | 0.05 | <10 | <10 | 215 | <10 | 134 | |
| B391147 | | 2 | <0.01 | <10 | <10 | 3 | <10 | 5 | |
| M270596 | | 9 | 0.01 | <10 | <10 | 60 | 20 | 873 | 16.45 |
| M270597 | | 23 | 0.19 | <10 | <10 | 105 | <10 | 148 | |
| M270598 | | 132 | 0.19 | <10 | <10 | 40 | <10 | 53 | |
| M270599 | | 15 | 0.27 | <10 | <10 | 123 | 40 | 282 | |
| M270600 | | 23 | 0.09 | <10 | <10 | 51 | 10 | 312 | 1.25 |
| M270601 | | 26 | 0.08 | <10 | <10 | 74 | <10 | 258 | 1.41 |
| M270602 | | 34 | 0.09 | <10 | <10 | 203 | <10 | 248 | 1.53 |
| M270603 | | 45 | 0.17 | <10 | <10 | 276 | <10 | 993 | |
| M270604 | | 88 | <0.01 | <10 | <10 | 78 | <10 | 46 | |
| M270605 | | 109 | <0.01 | <10 | <10 | 43 | <10 | 79 | |
| M270606 | | 112 | <0.01 | <10 | <10 | 18 | 10 | 80 | 3.52 |
| M270607 | | 58 | 0.01 | <10 | <10 | 29 | <10 | 78 | |
| M270608 | | 47 | 0.01 | 10 | <10 | 6 | <10 | 3 | |
| M270609 | | 79 | 0.28 | <10 | <10 | 248 | <10 | 102 | |
| M270610 | | 108 | 0.26 | <10 | <10 | 233 | 10 | 100 | |

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**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 21-AUG-2006**
**Account: EIA**

## CERTIFICATE VA06065958

Project: Trek

P.O. No.: RG06-01

This report is for 20 Rock samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2006.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| EQUITY ENG E-MAIL | ROMIOS GOLD | ADAM SIMMONS |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-31 | Pulverize split to 85% <75 um |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Cu-AA46 | Ore grade Cu - aqua regia/AA | AAS |
| Pb-AA46 | Ore grade Pb - aqua regia/AA | AAS |
| Zn-AA46 | Ore grade Zn - aqua regia/AA | AAS |
| Ag-GRA21 | Ag 30g FA-GRAV finish | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-GRA21 | Au 30g FA-GRAV finish | WST-SIM |
| ME-ICP41 | 34 Element Aqua Regia ICP-AES | ICP-AES |


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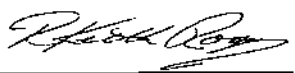
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:** 

Keith Rogers, Executive Manager Vancouver Laboratory

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**Finalized Date: 21-AUG-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065958

| Sample Description | Method | WEI-21 | Au-AA25 | Au-GRA21 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu |
| | Units | kg | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.01 | 0.05 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 |
| B391148 | | 0.96 | 0.36 | | 0.4 | 1.51 | 6 | <10 | 50 | 0.8 | <2 | 6.07 | <0.5 | 58 | 2 | 1110 |
| B391149 | | 0.70 | 0.04 | | 0.3 | 1.12 | 16 | <10 | 80 | 1.0 | <2 | 5.52 | <0.5 | 64 | 2 | 1050 |
| B391150 | | 2.02 | 0.16 | | 7.3 | 1.73 | 68 | <10 | 60 | 1.0 | 2 | 3.10 | 3.8 | 35 | 20 | 3240 |
| B391451 | | 0.62 | <0.01 | | 0.2 | 1.78 | 44 | <10 | 70 | <0.5 | <2 | 3.60 | <0.5 | 14 | 14 | 108 |
| B391452 | | 0.62 | 0.01 | | 1.1 | 1.03 | 5 | 10 | 60 | <0.5 | <2 | 1.30 | <0.5 | 17 | 2 | 441 |
| B391453 | | 0.84 | 0.15 | | 1.4 | 1.58 | 19 | <10 | 30 | <0.5 | <2 | 0.75 | <0.5 | 37 | 61 | 2230 |
| B391454 | | 0.92 | 35.4 | 36.3 | 84.2 | 2.69 | 21 | <10 | 70 | 1.0 | 3 | 1.40 | 0.6 | 28 | 6 | 478 |
| B391455 | | 1.08 | 0.22 | | 1.8 | 3.37 | 22 | <10 | 90 | 1.5 | <2 | 3.95 | 1.5 | 8 | 4 | 324 |
| B391456 | | 0.60 | 0.21 | | 5.9 | 2.81 | 5 | <10 | 60 | <0.5 | <2 | 3.88 | 1.1 | 45 | 15 | 7910 |
| B391457 | | 1.12 | 0.03 | | 0.6 | 1.11 | <2 | <10 | 150 | <0.5 | 2 | 2.12 | 0.7 | 18 | 45 | 1175 |
| B391458 | | 2.26 | 0.10 | | 3.2 | 2.31 | 24 | <10 | 40 | 0.6 | 3 | 1.14 | 1.0 | 63 | <1 | 1600 |
| B391459 | | 1.18 | 0.10 | | 2.2 | 3.39 | 19 | <10 | 20 | 0.8 | <2 | 1.57 | 1.0 | 54 | 30 | 794 |
| B391460 | | 2.26 | 0.67 | | 5.1 | 3.16 | 144 | <10 | 20 | 0.7 | 4 | 1.04 | 1.8 | 72 | 21 | 642 |
| M270611 | | 1.34 | 0.04 | | 3.5 | 0.83 | 45 | <10 | 60 | 0.7 | 2 | 4.76 | 0.6 | 14 | 5 | 1735 |
| M270612 | | 1.26 | <0.01 | | 1.0 | 3.50 | 31 | 20 | 20 | 1.9 | <2 | 3.70 | 2.3 | 27 | 41 | 136 |
| M270613 | | 1.32 | 0.02 | | 1.4 | 5.44 | 7 | 20 | 20 | 0.9 | <2 | 3.92 | <0.5 | 18 | 10 | 142 |
| M270614 | | 1.26 | 0.01 | | 0.3 | 2.27 | 11 | <10 | 110 | <0.5 | <2 | 1.97 | <0.5 | 15 | 24 | 106 |
| M270615 | | 1.32 | 0.30 | | 8.0 | 2.89 | 31 | <10 | 20 | <0.5 | <2 | 0.44 | 0.9 | 104 | 20 | 4190 |
| M270616 | | 1.62 | 4.33 | 4.45 | >100 | 0.77 | 1170 | <10 | <10 | <0.5 | 17 | 2.37 | 200 | 13 | 7 | >10000 |
| M270617 | | 1.96 | 0.03 | | 6.2 | 4.12 | 221 | <10 | 20 | <0.5 | 2 | 5.67 | 10.0 | 27 | 67 | 282 |

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VANCOUVER BC V6C 1G8


Finalized Date: 21-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065958

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc |
| | Units | % | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 |
| B391148 | | 4.40 | 10 | 1 | 0.10 | 10 | 1.39 | 801 | <1 | 0.04 | 3 | 1650 | 4 | 2.28 | 3 | 9 |
| B391149 | | 4.76 | <10 | 1 | 0.18 | 10 | 1.15 | 915 | 8 | 0.03 | 6 | 1670 | 3 | 3.24 | <2 | 7 |
| B391150 | | 7.24 | 10 | 1 | 0.10 | 10 | 1.33 | 1385 | 2 | 0.03 | 18 | 1590 | 244 | 4.28 | 3 | 9 |
| B391451 | | 4.19 | <10 | <1 | 0.18 | <10 | 1.18 | 514 | 3 | 0.02 | 25 | 820 | 12 | 1.29 | <2 | 4 |
| B391452 | | 3.07 | <10 | 1 | 0.30 | <10 | 0.62 | 268 | 5 | 0.03 | 6 | 1820 | 2 | 1.85 | 3 | 3 |
| B391453 | | 4.17 | <10 | <1 | 0.43 | <10 | 1.31 | 263 | 1 | 0.07 | 45 | 1400 | 2 | 1.82 | <2 | 3 |
| B391454 | | 7.97 | 10 | 1 | 1.38 | <10 | 1.03 | 396 | 1 | 0.20 | 7 | 1450 | 236 | 5.79 | 3 | 10 |
| B391455 | | 5.20 | 10 | <1 | 1.19 | 10 | 1.13 | 1335 | 2 | 0.35 | 12 | 1270 | 14 | 3.43 | <2 | 9 |
| B391456 | | 6.28 | 10 | <1 | 1.88 | 10 | 1.62 | 634 | 2 | 0.05 | 42 | 2300 | 6 | 2.05 | <2 | 17 |
| B391457 | | 3.64 | 10 | <1 | 0.60 | <10 | 0.68 | 854 | <1 | 0.09 | 18 | 810 | 6 | 0.10 | <2 | 4 |
| B391458 | | 17.6 | 10 | <1 | 1.36 | <10 | 1.00 | 392 | <1 | 0.04 | 8 | 1460 | 23 | 6.89 | <2 | 9 |
| B391459 | | 10.35 | 10 | <1 | 1.86 | <10 | 1.58 | 451 | 3 | 0.11 | 13 | 1230 | 24 | 7.89 | <2 | 11 |
| B391460 | | 11.30 | 10 | <1 | 1.65 | <10 | 1.13 | 445 | 2 | 0.07 | 13 | 1480 | 20 | 7.12 | <2 | 9 |
| M270611 | | 5.46 | 10 | <1 | 0.15 | 10 | 1.12 | 1090 | <1 | 0.03 | 8 | 1740 | 12 | 1.25 | 2 | 9 |
| M270612 | | 4.63 | 10 | <1 | 0.07 | <10 | 1.71 | 1680 | <1 | 0.03 | 29 | 3660 | 202 | 0.92 | 2 | 7 |
| M270613 | | 5.38 | 10 | <1 | 0.27 | 10 | 0.50 | 863 | <1 | 0.23 | 7 | 1980 | 17 | 2.64 | <2 | 5 |
| M270614 | | 4.83 | 10 | <1 | 0.95 | 10 | 1.17 | 429 | 1 | 0.15 | 32 | 990 | 17 | 2.00 | 2 | 4 |
| M270615 | | 11.40 | 10 | <1 | 1.26 | 40 | 1.57 | 289 | 82 | 0.09 | 82 | 1290 | 17 | 6.14 | 2 | 11 |
| M270616 | | 18.0 | <10 | 17 | 0.33 | <10 | 0.49 | 2200 | <1 | 0.03 | 14 | 500 | >10000 | >10.0 | >10000 | 5 |
| M270617 | | 9.22 | 10 | <1 | 1.53 | <10 | 1.79 | 3940 | <1 | 0.22 | 22 | 1800 | 86 | 9.04 | 34 | 30 |

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700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 21-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06065958

| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Cu-AA46 | Pb-AA46 | Zn-AA46 | Ag-GRA21 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Sr | Ti | Tl | U | V | W | Zn | Cu | Pb | Zn | Ag |
| | Units | ppm | % | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| | LOR | 1 | 0.01 | 10 | 10 | 1 | 10 | 2 | 0.01 | 0.01 | 0.01 | 5 |
| B391148 | | 102 | <0.01 | <10 | <10 | 122 | <10 | 72 | | | | |
| B391149 | | 96 | <0.01 | <10 | <10 | 76 | <10 | 53 | | | | |
| B391150 | | 118 | 0.05 | <10 | <10 | 196 | <10 | 651 | | | | |
| B391451 | | 174 | 0.01 | <10 | <10 | 33 | <10 | 97 | | | | |
| B391452 | | 37 | 0.01 | <10 | <10 | 29 | <10 | 38 | | | | |
| B391453 | | 27 | 0.18 | <10 | <10 | 76 | <10 | 46 | | | | |
| B391454 | | 75 | 0.21 | <10 | <10 | 342 | <10 | 62 | | | | |
| B391455 | | 133 | 0.18 | <10 | <10 | 278 | 10 | 100 | | | | |
| B391456 | | 68 | 0.25 | <10 | <10 | 229 | <10 | 106 | | | | |
| B391457 | | 45 | 0.18 | <10 | <10 | 110 | <10 | 71 | | | | |
| B391458 | | 43 | 0.25 | <10 | <10 | 211 | <10 | 104 | | | | |
| B391459 | | 81 | 0.23 | <10 | <10 | 210 | <10 | 208 | | | | |
| B391460 | | 57 | 0.27 | <10 | <10 | 178 | <10 | 264 | | | | |
| M270611 | | 294 | 0.01 | <10 | <10 | 124 | <10 | 112 | | | | |
| M270612 | | 40 | 0.10 | <10 | <10 | 124 | <10 | 461 | | | | |
| M270613 | | 218 | 0.10 | <10 | <10 | 97 | <10 | 31 | | | | |
| M270614 | | 113 | 0.10 | <10 | <10 | 68 | <10 | 101 | | | | |
| M270615 | | 21 | 0.16 | <10 | <10 | 327 | 10 | 112 | | | | |
| M270616 | | 243 | 0.04 | <10 | <10 | 45 | 20 | >10000 | 3.78 | 2.27 | 2.89 | 1965 |
| M270617 | | 173 | 0.21 | <10 | <10 | 251 | <10 | 2080 | | | | |

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VANCOUVER BC V6C 1G8


Finalized Date: 16-AUG-2006
Account: EIA

## CERTIFICATE VA06073541

Project: Trek

P.O. No.: RG06-01

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 4-AUG-2006.

The following have access to data associated with this certificate:

| |
|---|
| EQUITY ENG E-MAIL |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| FND-03 | Find Reject for Addn Analysis |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |
| BAG-01 | Bulk Master for Storage |
| SCR-21 | Screen to -100 um |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au-SCR21 | Au Screen Fire Assay - 100 um | WST-SIM |
| Au-AA25 | Ore Grade Au 30g FA AA finish | AAS |
| Au-AA25D | Ore Grade Au 30g FA AA Dup | AAS |

To: **EQUITY ENGINEERING LTD.**
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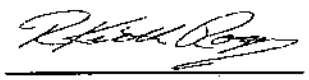
**VANCOUVER BC V6C 1G8**

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:** 
Keith Rogers, Executive Manager Vancouver Laboratory

# ALS Chemex

***EXCELLENCE IN ANALYTICAL CHEMISTRY***

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com


To: EQUITY ENGINEERING LTD.
700 - 700 PENDER ST.
VANCOUVER BC V6C 1G8


Finalized Date: 16-AUG-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06073541

| Sample Description | Method / Analyte / Units / LOR | Au-SCR21 Au Total ppm 0.05 | Au-SCR21 Au (+) F ppm 0.05 | Au-SCR21 Au (-) F ppm 0.05 | Au-SCR21 Au (+) m mg 0.001 | Au-SCR21 WT. + Fr g 0.01 | Au-SCR21 WT. - Fr g 0.1 | Au-AA25 Au ppm 0.01 | Au-AA25D Au ppm 0.01 |
|---|---|---|---|---|---|---|---|---|---|
| B391454 | | 41.8 | 88.0 | 38.9 | 3.072 | 34.93 | 546.6 | 38.3 | 39.4 |

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**VANCOUVER BC V6C 1G8**


**Finalized Date: 1-OCT-2006**
**Account: EIA**

## CERTIFICATE VA06089574

Project: Trek

P.O. No.: RG06-01

This report is for 12 Rock samples submitted to our lab in Vancouver, BC, Canada on 11-SEP-2006.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| EQUITY ENG E-MAIL | ROMIOS GOLD | ADAM SIMMONS |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| FND-02 | Find Sample for Addn Analysis |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| PGM-ICP23 | Pt, Pd, Au 30g FA ICP | ICP-AES |

To: **EQUITY ENGINEERING LTD.**
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**VANCOUVER BC V6C 1G8**

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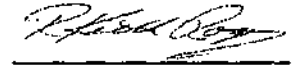
**Signature:** 

Keith Rogers, Executive Manager Vancouver Laboratory

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VANCOUVER BC V6C 1G8


Finalized Date: 1-OCT-2006
Account: EIA

Project: Trek

## CERTIFICATE OF ANALYSIS VA06089574

| Sample Description | Method Analyte Units LOR | PGM-ICP23 Au ppm 0.001 | PGM-ICP23 Pt ppm 0.005 | PGM-ICP23 Pd ppm 0.001 |
|---|---|---|---|---|
| B391129 | | 0.944 | <0.005 | 0.003 |
| B391134 | | 0.407 | <0.005 | 0.016 |
| B391142 | | 2.12 | <0.005 | 0.018 |
| B391143 | | 0.756 | <0.005 | 0.007 |
| M270596 | | 7.42 | <0.005 | 0.004 |
| M270597 | | 1.080 | <0.005 | 0.004 |
| M270599 | | 0.649 | <0.005 | 0.003 |
| M270600 | | 1.695 | <0.005 | 0.003 |
| M270601 | | 1.130 | <0.005 | 0.010 |
| M270602 | | 1.165 | <0.005 | 0.019 |
| M270603 | | 0.413 | <0.005 | 0.022 |
| M270606 | | 0.529 | <0.005 | 0.007 |

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 30-SEP-2006**
**Account: EIA**

## CERTIFICATE VA06089575

Project: Trek

P.O. No.: RG06-01

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 11-SEP-2006.

The following have access to data associated with this certificate:

| EQUITY ENG E-MAIL | ROMIOS GOLD | ADAM SIMMONS |
|---|---|---|

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| FND-02 | Find Sample for Addn Analysis |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| PGM-ICP23 | Pt, Pd, Au 30g FA ICP | ICP-AES |
| Au-GRA21 | Au 30g FA-GRAV finish | WST-SIM |

To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**

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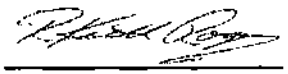
**Signature:** 
Keith Rogers, Executive Manager Vancouver Laboratory

# ALS Chemex

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To: **EQUITY ENGINEERING LTD.**
**700 - 700 PENDER ST.**
**VANCOUVER BC V6C 1G8**


**Finalized Date: 30-SEP-2006**
**Account: EIA**

Project: Trek

## CERTIFICATE OF ANALYSIS VA06089575

| Sample Description | Method Analyte Units LOR | Au-GRA21 Au ppm 0.05 | PGM-ICP23 Au ppm 0.001 | PGM-ICP23 Pt ppm 0.005 | PGM-ICP23 Pd ppm 0.001 |
|---|---|---|---|---|---|
| B391454 | | 39.2 | >10.0 | <0.005 | 0.009 |
| B391456 | | | 0.241 | <0.005 | 0.013 |
| M270615 | | | 0.381 | <0.005 | 0.004 |
| M270616 | | | 4.15 | 0.007 | 0.031 |

## Appendix E: Quality Control / Quality Assurance

# QUALITY CONTROL / QUALITY ASSURANCE

## I Chain of Custody

All samples were packed in rice sacks and sealed with uniquely-numbered non-resealable security straps. Rice sacks were trucked to ALS Chemex Labs in North Vancouver. ALS Chemex reported that all bags were received in good condition, with all security straps intact, and with no evidence of tampering.

## II Blanks

Blanks are samples which are known to be barren of mineralization and are inserted into the sample stream to determine whether contamination has occurred after sample collection.

### a. Soil Sample Blanks

Thirteen soil blanks were inserted into the sample sequence (approximately every 50$^{th}$ sample) and submitted for analysis. The blank material comprised commercially available silica sand of the type used in swimming pool filters. Blanks were inserted into the sample series in the field.

| Sample | Au (ppb) | Ag (ppm) | As (ppm) | Bi (ppm) | Cu (ppm) | Mo (ppm) | Pb (ppm) | Sb (ppm) | Zn (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| L5000E 7000NB | <5 | <0.2 | 5 | <2 | 1 | <1 | <2 | <2 | 4 |
| L6600N 4725EB | <5 | <0.2 | 2 | <2 | 1 | <1 | <2 | <2 | 3 |
| L6700N 4500EB | <5 | <0.2 | <2 | <2 | 1 | <1 | <2 | <2 | 5 |
| L6800N 4550EB | 8 | <0.2 | <2 | <2 | 1 | <1 | <2 | <2 | 3 |
| L7600N 4450EB | <5 | <0.2 | <2 | <2 | 1 | <1 | <2 | <2 | 3 |
| L6300N 4700EB | 7 | <0.2 | <2 | <2 | 1 | <1 | <2 | <2 | 3 |
| L5050E 7700NB | <5 | <0.2 | <2 | <2 | 1 | <1 | <2 | <2 | 4 |
| L7100N 4775EB | 20 | NSS | NSS | NSS | NSS | NSS | NSS | NSS | NSS |
| L7000N 4350EB | <5 | <0.2 | 2 | <2 | 1 | <1 | <2 | <2 | 3 |
| L7700N 4525EB | 5 | <0.2 | <2 | <2 | 1 | <1 | <2 | <2 | 4 |
| L7700N 4800EB | <5 | <0.2 | <2 | <2 | 1 | <1 | 2 | <2 | 5 |
| B391214B | <5 | <0.2 | 3 | <2 | 3 | <1 | 4 | <2 | 7 |
| B391219B | <5 | <0.2 | 3 | <2 | 1 | <1 | <2 | <2 | 4 |

Results of Trek soil blanks indicate the silica sand selected for analysis was suitably devoid of metals and served as good blank material. Secondly, the consistently low values for all metals of interest (see table above), indicate that contamination of the soil samples did not take place in the field, or in the lab. One sample of concern, L7100N 4775EB, yielded 20ppb Au. This is troublesome given that 60$^{th}$ percentile Au is 20ppb, which was used to in part define the soil anomalies discussed above. There is no explanation for this assay, however it was assayed directly after a suite of relatively anomalous sample. It might be possible that this high assay in the black is partly explained by being run after a suite of anomalous samples.

## III Field Duplicates

Field duplicates are the collection and analysis of two separate samples from the same field location. They are used to measure the reproducibility of sampling, which includes both laboratory variation and sample variation.

### a. Soil Duplicate Samples

A total of 15 field duplicate soil samples were collected (approximately every 30$^{th}$ sample) during the 2005 program and submitted for analysis. The elements of interest exhibit very good reproducibility. Au is reproducible at 40% precision, while Ag, As, Cu, Mo, Pb and Zn are reproducible at 20% precision

or slightly better. Therefore, it is considered that the laboratory analysis conducted on the 2004 data set was accurate and precise.

## IV Conclusions

- One sample showed that it may have been contaminated, either in the field or in the laboratory or may have been the result being assayed after a suite of anomalously high Au assays.
- Laboratory preparation and analysis is reproducible at varied levels of precision, however it is considered that all elements attained an acceptable level of precision for soil and core samples.
- Assaying shows geochemical analysis to be reasonably accurate for Au, As and Zn, and for lower levels of Ag (<100 ppm), Cu (<10,000 ppm), Pb (<10,000 ppm).
- Silica sand is suitably devoid of metals and served as good blank material.
- Aside from Au, consistently low values for all metals of interest in blank analyses, indicate that contamination of soil and core samples did not take place in the field, or in the lab.

## Appendix F: Compact Disc

Report text, geochemical databases, drafting and plot files, photographs

## Appendix G:  Geologist's Certificate

**Adam Simmons, M.Sc.**
1559 Trafalgar Street
Vancouver, B. C., Canada
V6K 3R4
adam@equityeng.bc.ca

I, Adam Simmons, do hereby certify:

THAT I am a Geoscientist employed by Equity Engineering Ltd., with offices at #700-700 West Pender Street in the City of Vancouver, in the Province of British Columbia.

THAT I am a graduate of Queen's University (2003) with an Honours Bachelor of Science degree in Geology, and a graduate of the University of British Columbia (2006) with a Master of Science degree, and I have practiced my profession continuously since 2000.

THAT I am presently a Consulting Geologist and have been so since May 2004.

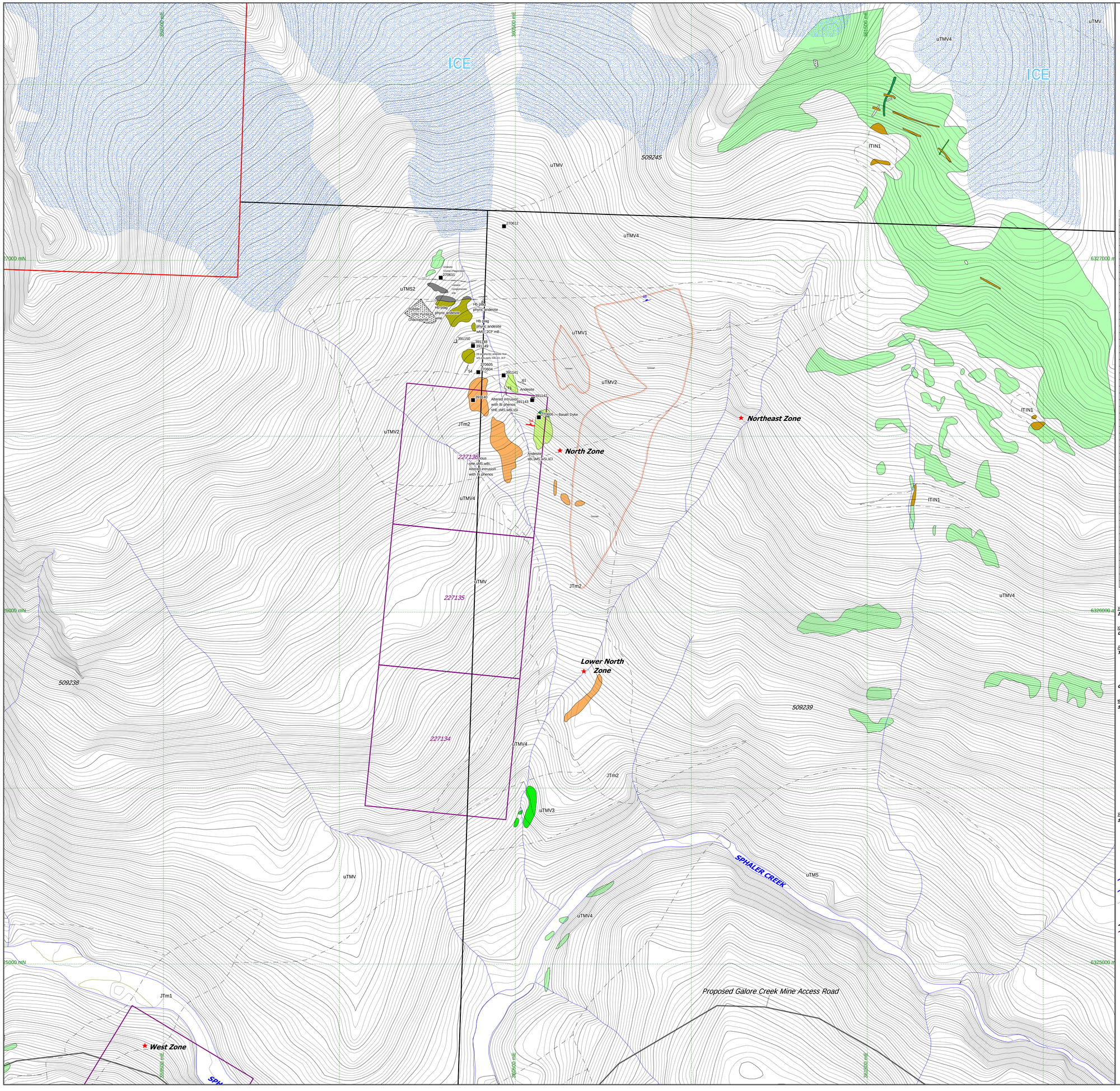
THAT this report is based on publicly-available reports and maps and on fieldwork carried out under my direction in June and July 2006.

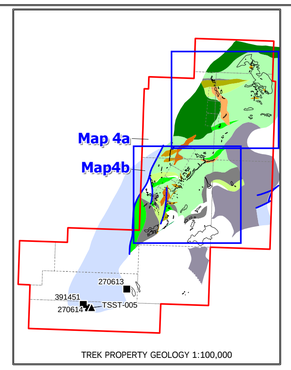
Dated at Vancouver, British Columbia, this ___ day of _____, 2006.

_____

Adam T. Simmons, M.Sc.

## Appendix H:  Maps




TREK PROPERTY GEOLOGY 1:100,000

| SAMPLE | UTM_E_NAD83 | UTM_N_NAD83 | Au_ppm | Ag_ppm | As_ppm | Cu_ppm | Mo_ppm | Pb_ppm | Zn_ppm |
|---|---|---|---|---|---|---|---|---|---|
| 270596 | 359,135.00 | 6,324,226.00 | 7.56 | 20.4 | 38 | 164,500 | -1 | 4 | 873 |
| 270597 | 359,135.00 | 6,324,226.00 | 1.39 | 2.4 | 75 | 9,340 | -1 | -2 | 148 |
| 270598 | 358,675.00 | 6,322,868.00 | 0.24 | 3.4 | 15 | 4,050 | 4 | -2 | 53 |
| 270599 | 358,734.00 | 6,322,821.00 | 0.53 | 20.8 | 979 | 6,500 | 66 | 95 | 282 |
| 270600 | 358,719.00 | 6,322,752.00 | 1.38 | 70.6 | 4,610 | 12,500 | 19 | 109 | 312 |
| 270601 | 359,113.00 | 6,324,490.00 | 0.99 | 16.4 | 69 | 14,100 | 20 | -2 | 258 |
| 270602 | 359,033.00 | 6,324,384.00 | 1.26 | 13.8 | 70 | 15,300 | 48 | 2 | 248 |
| 270603 | 358,930.00 | 6,324,070.00 | 0.35 | 6.7 | 83 | 4,340 | -1 | 231 | 993 |
| 270604 | 360,395.00 | 6,326,683.00 | 0.24 | 1.8 | 14 | 3,000 | 30 | 25 | 46 |
| 270605 | 360,395.00 | 6,326,683.00 | 0.06 | 4.5 | 26 | 1,855 | 1 | 16 | 79 |
| 270606 | 360,567.00 | 6,326,555.00 | 0.53 | 10.4 | 78 | 35,200 | 172 | -2 | 80 |
| 270607 | 360,928.00 | 6,323,570.00 | 0.08 | 4.5 | 197 | 194 | 88 | 316 | 78 |
| 270608 | 358,479.00 | 6,322,279.00 | 0.04 | 5.3 | 4 | 3,080 | 39 | -2 | 3 |
| 270609 | 358,633.00 | 6,322,006.00 | 0.47 | 4.7 | -2 | 1,830 | 6 | 8 | 102 |
| 270610 | 358,628.00 | 6,321,985.00 | 0.37 | 2.7 | -2 | 157 | -1 | -2 | 100 |
| 270611 | 360,288.00 | 6,326,952.00 | 0.04 | 3.5 | 45 | 1,735 | -1 | 12 | 112 |
| 270612 | 360,468.00 | 6,327,098.00 | -0.01 | 1 | 31 | 136 | -1 | 202 | 461 |
| 270613 | 357,578.00 | 6,320,261.00 | 0.02 | 1.4 | 7 | 142 | -1 | 17 | 31 |
| 270614 | 356,357.00 | 6,319,669.00 | 0.01 | 0.3 | 11 | 106 | 1 | 17 | 101 |
| 270615 | 358,805.00 | 6,322,946.00 | 0.3 | 8 | 31 | 4,190 | 82 | 17 | 112 |
| 270616 | 359,432.00 | 6,322,865.00 | 4.45 | 1,965 | 1,170 | 37,800 | -1 | 22,700 | 28,900 |
| 270617 | 359,292.00 | 6,322,718.00 | 0.03 | 6.2 | 221 | 282 | -1 | 86 | 2,080 |
| 391129 | 359,138.00 | 6,324,221.00 | 0.6 | 1.2 | 25 | 3,090 | -1 | 16 | 85 |
| 391130 | 358,480.00 | 6,323,082.00 | 0.03 | 2 | 29 | 251 | -1 | 30 | 208 |
| 391131 | 358,488.00 | 6,322,911.00 | 0.01 | -0.2 | 5 | 17 | -1 | -2 | 33 |
| 391132 | 358,504.00 | 6,322,843.00 | -0.01 | -0.2 | 8 | 170 | -1 | -2 | 36 |
| 391133 | 358,870.00 | 6,322,435.00 | 0.02 | 0.8 | -2 | 970 | -1 | -2 | 65 |
| 391134 | 358,814.00 | 6,322,529.00 | 0.39 | 8.6 | 9 | 6,200 | -1 | -2 | 120 |
| 391135 | 358,391.00 | 6,323,040.00 | -0.01 | -0.2 | 7 | 38 | -1 | -2 | 54 |
| 391136 | 358,412.00 | 6,322,931.00 | -0.01 | -0.2 | 5 | 87 | -1 | -2 | 110 |
| 391137 | 358,415.00 | 6,322,938.00 | -0.01 | 0.2 | 5 | 44 | -1 | -2 | 63 |
| 391138 | 358,415.00 | 6,322,936.00 | 0.09 | 1.7 | 4 | 807 | -1 | -2 | 89 |
| 391139 | 358,410.00 | 6,322,930.00 | 0.05 | 1 | -2 | 538 | -1 | -2 | 103 |
| 391140 | 360,380.00 | 6,326,604.00 | -0.01 | 0.2 | 41 | 266 | -1 | -2 | 72 |
| 391141 | 360,467.00 | 6,326,674.00 | 0.01 | 0.3 | 8 | 936 | -1 | 19 | 69 |
| 391142 | 360,550.00 | 6,326,608.00 | 2.22 | 17.2 | 76 | 28,500 | 2,900 | 12 | 16 |
| 391143 | 360,548.00 | 6,326,604.00 | 0.5 | 8.7 | 54 | 29,600 | 225 | -2 | 48 |
| 391144 | 359,905.00 | 6,324,528.00 | 0.12 | 1.4 | 283 | 264 | 5 | 23 | 144 |
| 391145 | 358,325.00 | 6,323,634.00 | -0.01 | -0.2 | 9 | 158 | -1 | -2 | 72 |
| 391146 | 358,366.00 | 6,323,652.00 | 0.11 | 0.8 | 348 | 59 | 4 | 30 | 134 |
| 391147 | 358,437.00 | 6,323,612.00 | -0.01 | -0.2 | -2 | 20 | 1 | -2 | 5 |
| 391148 | 360,380.00 | 6,326,761.00 | 0.36 | 0.4 | 6 | 1,110 | -1 | 4 | 72 |
| 391149 | 360,380.00 | 6,326,758.00 | 0.04 | 0.3 | 16 | 1,050 | 8 | 3 | 53 |
| 391150 | 360,331.00 | 6,326,770.00 | 0.16 | 7.3 | 68 | 3,240 | 2 | 244 | 651 |
| 391451 | 356,195.00 | 6,319,781.00 | -0.01 | 0.2 | 44 | 108 | 3 | 12 | 97 |
| 391452 | 358,715.00 | 6,323,625.00 | 0.01 | 1.1 | 5 | 441 | 5 | 2 | 38 |
| 391453 | 358,701.00 | 6,323,758.00 | 0.15 | 1.4 | 19 | 2,230 | 1 | 2 | 46 |
| 391454 | 358,865.00 | 6,322,602.00 | 41.8 | 84.2 | 21 | 478 | 1 | 236 | 62 |
| 391455 | 358,860.00 | 6,322,598.00 | 0.22 | 1.8 | 22 | 324 | 2 | 14 | 100 |
| 391456 | 358,865.00 | 6,322,588.00 | 0.21 | 5.9 | 5 | 7,910 | 2 | 6 | 106 |
| 391457 | 358,872.00 | 6,322,593.00 | 0.03 | 0.6 | -2 | 1,175 | -1 | 6 | 71 |
| 391458 | 359,056.00 | 6,322,580.00 | 0.1 | 3.2 | 24 | 1,600 | -1 | 23 | 104 |
| 391459 | 359,051.00 | 6,322,585.00 | 0.1 | 2.2 | 19 | 794 | 3 | 24 | 208 |
| 391460 | 359,056.00 | 6,322,594.00 | 0.67 | 5.1 | 144 | 642 | 2 | 20 | 264 |
| TSST-005 | 356,357.00 | 6,319,669.00 | 0.014 | 0.2 | 8 | 38 | -1 | 3 | 30 |

## Lithologic Units

QUATERNARY or LATER
***Intrusive Dykes and Sills***
TQIN1 — Fine grained, aphanitic, dark grey-green basaltic dykes

EOCENE
***Unknown Suite of Intrusive Stocks, Dykes and Sills (ca. 47Ma)***
Eg — Light grey, medium grained, equigranular biotite-quartz monzonite; contains abundant mafic xenoliths and feldspathic veins

EARLY JURASSIC
***Texas Creek Suite Intrusive Rocks (ca. 193Ma)***
JTm1 — Diorite to Monzonite: coarse grained, crowded plagioclase (+/- potassium feldspar) porphyry, plagioclase megacrystic containing euhedral 1cmx 5 mm to megacrystic tabular (3cm x 6cm) feldspar crystals
JTm2 — Monzonite; bioite bearing, equigranular

***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***
JIN1 — Syenite and orthoclase porphyritic monzonite

UPPER TRIASSIC
***Stuhini Group***
**ITIN** — **Synvolcanic intrusive rocks**
ITIN1 — Subvolcanic augite porphyritic chlorite/andesite
ITIN2 — Diorite stocks
ITIN3 — Andesitic to basaltic dykes; fine grained; aphyric
**uTMV** — **Mafic Volcanic Rock**
uTMV1 — Andesitic tuff; crystal rich; fragment poor, augite >> feldspar, grading into lapilli and breccia tuff
uTMV2 — Andesitic tuff; crystal rich; fragment poor, feldspar >> augite, grading into lapilli and breccia tuff
uTMV3 — Vesicular basaltic flows
uTMV4 — Andesitic tuff, crystal poor, fragment rich, lapilli to breccia tuff
**uTMS** — **Marine Sedimentary Rock**
uTMS1 — Interbedded greywacke, siltstone, sandstone, shale; well bedded, thin beds, often calcareous
uTMS2 — Conglomerate; cobble to boulder sized clasts; derived from older Stuhini Group andesitic flows, tuffs and subvolcanic intrusions
uTMS3 — Limestone: light grey, well preserved, fossiliferous

PERMIAN and OLDER
***Stikine Assemblage***
PI1 — Light grey massive to thickly bedded buff, bioclastic calcarenite
PI2 — Dark grey to buff thin bedded, bioclastic limestone, chert, siltstone, sandstone, argillite; interbedded
Pe3 — Foliated maroon and green tuffaceous epiclastics and lapilli tuffs
IPv — Plagioclase porphyry flows, volcaniclastics, purple ash tuff
IPs — Silver phyllite, slate and phyllitic argillite

GOS — Gossan
2006 Rock Sample (grab,float)
2006 Silt Sample
Fault, thrust
Major fault, normal
Outcrop
Claim Boundary (Trek)
Claim Boundary (NOVAGOLD)
Drill Hole
Bedding
Foliation
Joint
Dyke
Vein
Fold Axis
Fault
Lineation

0 50 100 150 250
metres

# ROMIOS GOLD RESOURCES INC

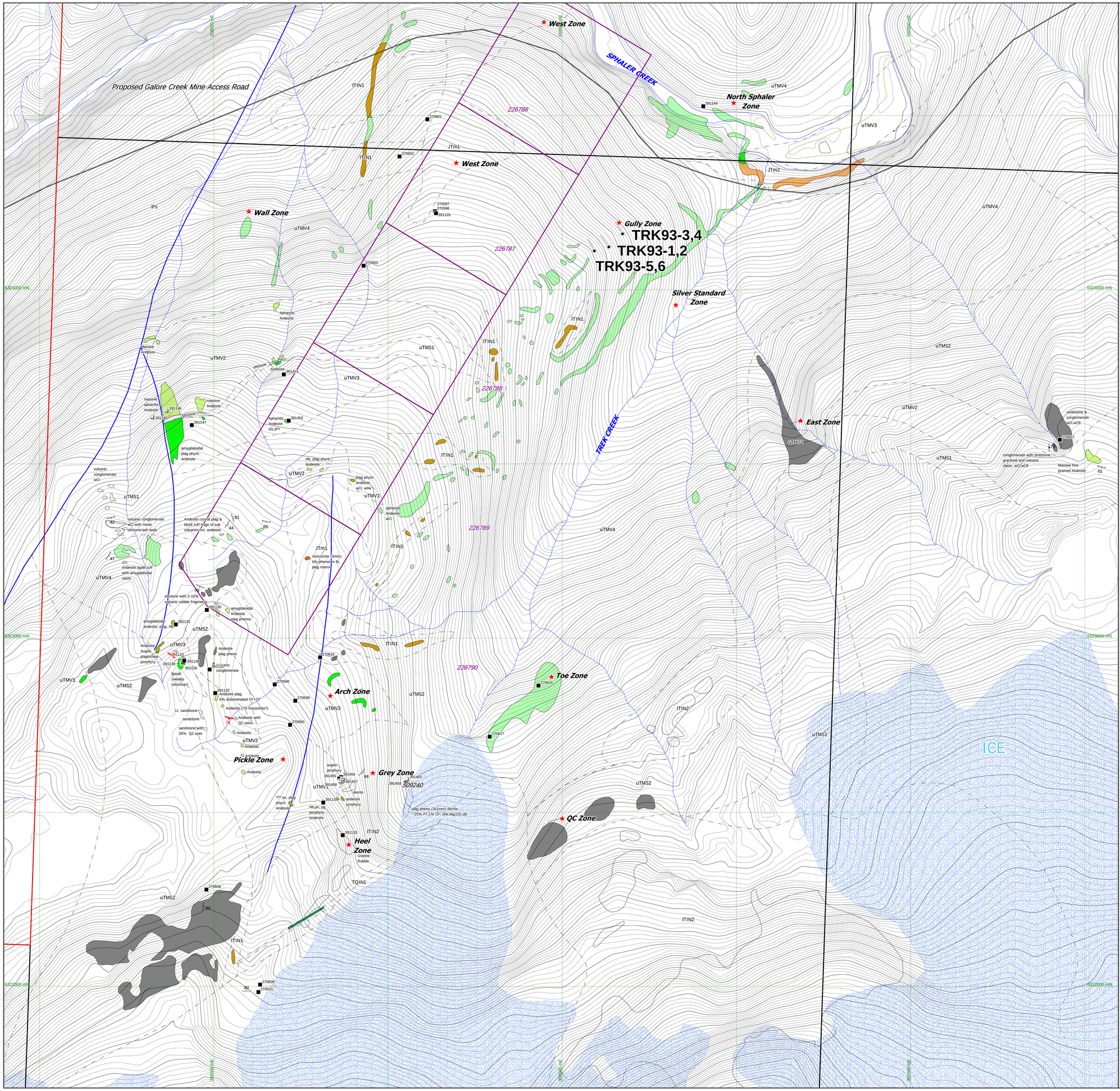
## *TREK PROPERTY*

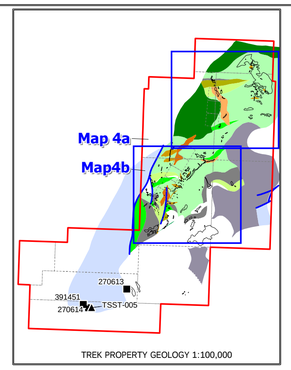
## TREK GEOLOGY

EQUITY EXPLORATION CONSULTANTS LTD.

| | | | |
|---|---|---|---|
| Date: | OCT 2006 | Scale: | 1:5,000 |
| U.T.M. Zone: | UTM9 - NAD83 | Mining District: | Liard |
| N.T.S. | 104B/15, 104G/2 | State/Province | BC |

Figure 4a




TREK PROPERTY GEOLOGY 1:100,000

| SAMPLE | UTM_E_NAD83 | UTM_N_NAD83 | Au_ppm | Ag_ppm | As_ppm | Cu_ppm | Mo_ppm | Pb_ppm | Zn_ppm |
|---|---|---|---|---|---|---|---|---|---|
| 270596 | 359,135.00 | 6,324,226.00 | 7.56 | 20.4 | 38 | 164,500 | -1 | 4 | 873 |
| 270597 | 359,135.00 | 6,324,226.00 | 1.39 | 2.4 | 75 | 9,340 | -1 | -2 | 148 |
| 270598 | 358,675.00 | 6,322,868.00 | 0.24 | 3.4 | 15 | 4,050 | 4 | -2 | 53 |
| 270599 | 358,734.00 | 6,322,821.00 | 0.53 | 20.8 | 979 | 6,500 | 66 | 95 | 282 |
| 270600 | 358,719.00 | 6,322,752.00 | 1.38 | 70.6 | 4,610 | 12,500 | 19 | 109 | 312 |
| 270601 | 359,113.00 | 6,324,490.00 | 0.99 | 16.4 | 69 | 14,100 | 20 | -2 | 258 |
| 270602 | 359,033.00 | 6,324,384.00 | 1.26 | 13.8 | 70 | 15,300 | 48 | 2 | 248 |
| 270603 | 358,930.00 | 6,324,070.00 | 0.35 | 6.7 | 83 | 4,340 | -1 | 231 | 993 |
| 270604 | 360,395.00 | 6,326,683.00 | 0.24 | 1.8 | 14 | 3,000 | 30 | 25 | 46 |
| 270605 | 360,395.00 | 6,326,683.00 | 0.06 | 4.5 | 26 | 1,855 | 1 | 16 | 79 |
| 270606 | 360,567.00 | 6,326,555.00 | 0.53 | 10.4 | 78 | 35,200 | 172 | -2 | 80 |
| 270607 | 360,928.00 | 6,323,570.00 | 0.08 | 4.5 | 197 | 194 | 88 | 316 | 78 |
| 270608 | 358,479.00 | 6,322,279.00 | 0.04 | 5.3 | 4 | 3,080 | 39 | -2 | 3 |
| 270609 | 358,633.00 | 6,322,006.00 | 0.47 | 4.7 | -2 | 1,830 | 6 | 8 | 102 |
| 270610 | 358,628.00 | 6,321,985.00 | 0.37 | 2.7 | -2 | 157 | -1 | -2 | 100 |
| 270611 | 360,288.00 | 6,326,952.00 | 0.04 | 3.5 | 45 | 1,735 | -1 | 12 | 112 |
| 270612 | 360,468.00 | 6,327,098.00 | -0.01 | 1 | 31 | 136 | -1 | 202 | 461 |
| 270613 | 357,578.00 | 6,320,261.00 | 0.02 | 1.4 | 7 | 142 | -1 | 17 | 31 |
| 270614 | 356,357.00 | 6,319,669.00 | 0.01 | 0.3 | 11 | 106 | 1 | 17 | 101 |
| 270615 | 358,805.00 | 6,322,946.00 | 0.3 | 8 | 31 | 4,190 | 82 | 17 | 112 |
| 270616 | 359,432.00 | 6,322,865.00 | 4.45 | 1,965 | 1,170 | 37,800 | -1 | 22,700 | 28,900 |
| 270617 | 359,292.00 | 6,322,718.00 | 0.03 | 6.2 | 221 | 282 | -1 | 86 | 2,080 |
| 391129 | 359,138.00 | 6,324,221.00 | 0.6 | 1.2 | 25 | 3,090 | -1 | 16 | 85 |
| 391130 | 358,480.00 | 6,323,082.00 | 0.03 | 2 | 29 | 251 | -1 | 30 | 208 |
| 391131 | 358,488.00 | 6,322,911.00 | 0.01 | -0.2 | 5 | 17 | -1 | -2 | 33 |
| 391132 | 358,504.00 | 6,322,843.00 | -0.01 | -0.2 | 8 | 170 | -1 | -2 | 36 |
| 391133 | 358,870.00 | 6,322,435.00 | 0.02 | 0.8 | -2 | 970 | -1 | -2 | 65 |
| 391134 | 358,814.00 | 6,322,529.00 | 0.39 | 8.6 | 9 | 6,200 | -1 | -2 | 120 |
| 391135 | 358,391.00 | 6,323,040.00 | -0.01 | -0.2 | 7 | 38 | -1 | -2 | 54 |
| 391136 | 358,412.00 | 6,322,931.00 | -0.01 | -0.2 | 5 | 87 | -1 | -2 | 110 |
| 391137 | 358,415.00 | 6,322,938.00 | -0.01 | 0.2 | 5 | 44 | -1 | -2 | 63 |
| 391138 | 358,415.00 | 6,322,936.00 | 0.09 | 1.7 | 4 | 807 | -1 | -2 | 89 |
| 391139 | 358,410.00 | 6,322,930.00 | 0.05 | 1 | -2 | 538 | -1 | -2 | 103 |
| 391140 | 360,380.00 | 6,326,604.00 | -0.01 | 0.2 | 41 | 266 | -1 | -2 | 72 |
| 391141 | 360,467.00 | 6,326,674.00 | 0.01 | 0.3 | 8 | 936 | -1 | 19 | 69 |
| 391142 | 360,550.00 | 6,326,608.00 | 2.22 | 17.2 | 76 | 28,500 | 2,900 | 12 | 16 |
| 391143 | 360,548.00 | 6,326,604.00 | 0.5 | 8.7 | 54 | 29,600 | 225 | -2 | 48 |
| 391144 | 359,905.00 | 6,324,528.00 | 0.12 | 1.4 | 283 | 264 | 5 | 23 | 144 |
| 391145 | 358,325.00 | 6,323,634.00 | -0.01 | -0.2 | 9 | 158 | -1 | -2 | 72 |
| 391146 | 358,366.00 | 6,323,652.00 | 0.11 | 0.8 | 348 | 59 | 4 | 30 | 134 |
| 391147 | 358,437.00 | 6,323,612.00 | -0.01 | -0.2 | -2 | 20 | 1 | -2 | 5 |
| 391148 | 360,380.00 | 6,326,761.00 | 0.36 | 0.4 | 6 | 1,110 | -1 | 4 | 72 |
| 391149 | 360,380.00 | 6,326,758.00 | 0.04 | 0.3 | 16 | 1,050 | 8 | 3 | 53 |
| 391150 | 360,331.00 | 6,326,770.00 | 0.16 | 7.3 | 68 | 3,240 | 2 | 244 | 651 |
| 391451 | 356,195.00 | 6,319,781.00 | -0.01 | 0.2 | 44 | 108 | 3 | 12 | 97 |
| 391452 | 358,715.00 | 6,323,625.00 | 0.01 | 1.1 | 5 | 441 | 5 | 2 | 38 |
| 391453 | 358,701.00 | 6,323,758.00 | 0.15 | 1.4 | 19 | 2,230 | 1 | 2 | 46 |
| 391454 | 358,865.00 | 6,322,602.00 | 41.8 | 84.2 | 21 | 478 | 1 | 236 | 62 |
| 391455 | 358,860.00 | 6,322,598.00 | 0.22 | 1.8 | 22 | 324 | 2 | 14 | 100 |
| 391456 | 358,865.00 | 6,322,588.00 | 0.21 | 5.9 | 5 | 7,910 | 2 | 6 | 106 |
| 391457 | 358,872.00 | 6,322,593.00 | 0.03 | 0.6 | -2 | 1,175 | -1 | 6 | 71 |
| 391458 | 359,056.00 | 6,322,580.00 | 0.1 | 3.2 | 24 | 1,600 | -1 | 23 | 104 |
| 391459 | 359,051.00 | 6,322,585.00 | 0.1 | 2.2 | 19 | 794 | 3 | 24 | 208 |
| 391460 | 359,056.00 | 6,322,594.00 | 0.67 | 5.1 | 144 | 642 | 2 | 20 | 264 |
| TSST-005 | 356,357.00 | 6,319,669.00 | 0.014 | 0.2 | 8 | 38 | -1 | 3 | 30 |

## Lithologic Units

QUATERNARY or LATER

***Intrusive Dykes and Sills***

TQIN1 — Fine grained, aphanitic, dark grey-green basaltic dykes

EOCENE

***Unknown Suite of Intrusive Stocks, Dykes and Sills (ca. 47Ma)***

Eg — Light grey, medium grained, equigranular biotite-quartz monzonite; contains abundant mafic xenoliths and feldspathic veins

EARLY JURASSIC

***Texas Creek Suite Intrusive Rocks (ca. 193Ma)***

JTm1 — Diorite to Monzonite: coarse grained, crowded plagioclase (+/- potassium feldspar) porphyry, plagioclase megacrystic containing euhedral 1cmx 5 mm to megacrystic tabular (3cm x 6cm) feldspar crystals

JTm2 — Monzonite; bioite bearing, equigranular

***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***

JIN1 — Syenite and orthoclase porphyritic monzonite

UPPER TRIASSIC

***Stuhini Group***

**ITIN** — **Synvolcanic intrusive rocks**

ITIN1 — Subvolcanic augite porphyritic chlorite/andesite

ITIN2 — Diorite stocks

ITIN3 — Andesitic to basaltic dykes; fine grained; aphyric

**uTMV** — **Mafic Volcanic Rock**

uTMV1 — Andesitic tuff; crystal rich; fragment poor, augite >> feldspar, grading into lapilli and breccia tuff

uTMV2 — Andesitic tuff; crystal rich; fragment poor, feldspar >> augite, grading into lapilli and breccia tuff

uTMV3 — Vesicular basaltic flows

uTMV4 — Andesitic tuff, crystal poor, fragment rich, lapilli to breccia tuff

**uTMS** — **Marine Sedimentary Rock**

uTMS1 — Interbedded greywacke, siltstone, sandstone, shale; well bedded, thin beds, often calcareous

uTMS2 — Conglomerate; cobble to boulder sized clasts; derived from older Stuhini Group andesitic flows, tuffs and subvolcanic intrusions

uTMS3 — Limestone: light grey, well preserved, fossiliferous

PERMIAN and OLDER

***Stikine Assemblage***

PIl1 — Light grey massive to thickly bedded buff, bioclastic calcarenite

PIl2 — Dark grey to buff thin bedded, bioclastic limestone, chert, siltstone, sandstone, argillite; interbedded

Pe3 — Foliated maroon and green tuffaceous epiclastics and lapilli tuffs

PPv — Plagioclase porphyry flows, volcaniclastics, purple ash tuff

PPs — Silver phyllite, slate and phyllitic argillite

GOS — Gossan

2006 Rock Sample (grab,float)

2006 Silt Sample

Fault, thrust

Major fault, normal

Outcrop

Claim Boundary (Trek)

Claim Boundary (NOVAGOLD)

Drill Hole

Bedding

Foliation

Joint

Dyke

Vein

Fold Axis

Fault

Lineation

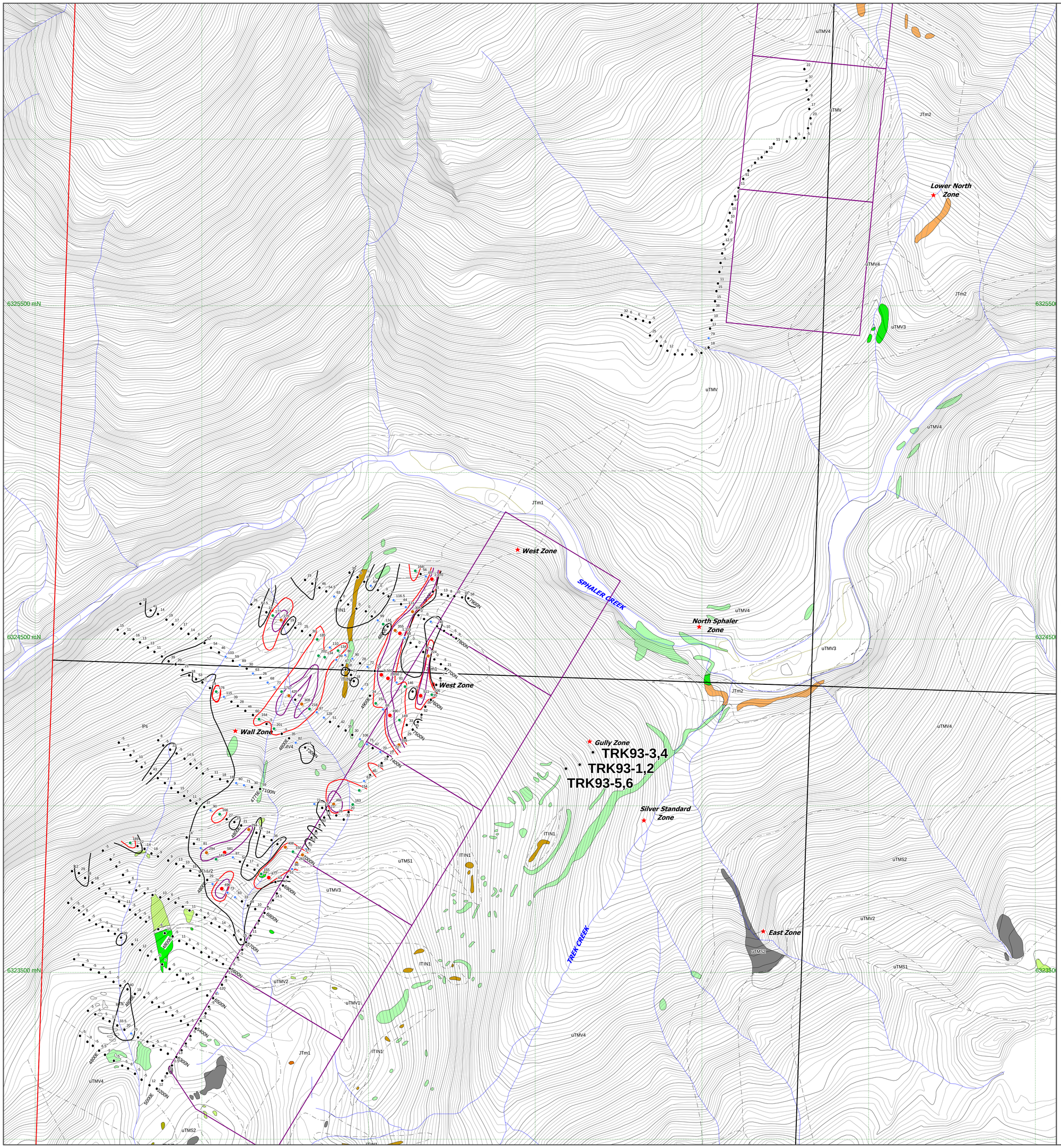
0 50 100 150 250 metres

**ROMIOS GOLD RESOURCES INC**

***TREK PROPERTY***

**TREK GEOLOGY**

| | | | |
|---|---|---|---|
| Date: OCT 2006 | Scale: 1:5,000 | Figure |
| U.T.M. Zone: UTM9 - NAD83 | Mining District: Liard | 4b |
| N.T.S.: 104B/15, 104G/2 | State/Province: BC | |




## Lithologic Units

TERTIARY or LATER

***Intrusive Dykes and Sills***

TQIN1 — Fine grained, aphanitic, dark grey-green basaltic dykes

EOCENE

***Unknown Suite of Intrusive Stocks, Dykes and Sills (ca. 47Ma)***

Eg — Light grey, medium grained, equigranular biotite-quartz monzonite; contains abundant matic xenoliths and feldspathic veins

EARLY JURASSIC

***Texas Creek Suite Intrusive Rocks (ca. 193Ma)***

JTm1 — Diorite to Monzonite: coarse grained, crowded plagioclase (+/- potassium feldspar) porphyry, plagioclase megacrystic containing euhedral 1cmx 5 mm to megacrystic tabular (3cm x 6cm) feldspar crystals

JTm2 — Monzonite; bioite bearing, equigranular

***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***

JIN1 — Syenite and orthoclase porphyritic monzonite

UPPER TRIASSIC

***Stuhini Group***

**ITIN** — **Synvolcanic intrusive rocks**

ITIN1 — Subvolcanic augite porphyritic chlorite/andesite

ITIN2 — Diorite stocks

ITIN3 — Andesitic to basaltic dykes; fine grained; aphyric

**uTMV** — **Mafic Volcanic Rock**

uTMV1 — Andesitic tuff; crystal rich; fragment poor, augite >> feldspar, grading into lapilli and breccia tuff

uTMV2 — Andesitic tuff; crystal rich; fragment poor, feldspar >> augite, grading into lapilli and breccia tuff

uTMV3 — Vesicular basaltic flows

uTMV4 — Andesitic tuff, crystal poor, fragment rich, lapilli to breccia tuff

**uTMS** — **Marine Sedimentary Rock**

uTMS1 — Interbedded greywacke, siltstone, sandstone, shale; well bedded, thin beds, often calcareous

uTMS2 — Conglomerate; cobble to boulder sized clasts; derived from older Stuhini Group andesitic flows, tuffs and subvolcanic intrusions

uTMS3 — Limestone: light grey, well preserved, fossiliferous

PERMIAN and OLDER

***Stikine Assemblage***

PI1 — Light grey massive to thickly bedded buff, bioclastic calcarenite

PI2 — Dark grey to buff thin bedded, bioclastic limestone, chert, siltstone, sandstone, argillite; interbedded

PI3 — Foliated maroon and green tuffaceous epiclastics and lapilli tuffs

IPv — Plagioclase porphyry flows, volcaniclastics, purple ash tuff

IPs — Silver phyllite, slate and phyllitic argillite

GOS — Gossan

2006 Rock Sample (grab,float)

2006 Silt Sample

Fault, thrust

Major fault, normal

Outcrop

Claim Boundary (Trek)

Claim Boundary (NOVAGOLD)

Drill Hole

Bedding 45

Foliation 45

Joint 45

Dyke 45

Vein 45

Fold Axis 45

Fault 45

Lineation 45

## Soil Geochemistry

### Gold (ppb)

- > 464 ppb (98th percentile)
- 219 to 464 (95th percentile)
- 134 to 219 (90th percentile)
- 63 to 134 (80th percentile)
- < 63 ppb

0 50 100 150 250

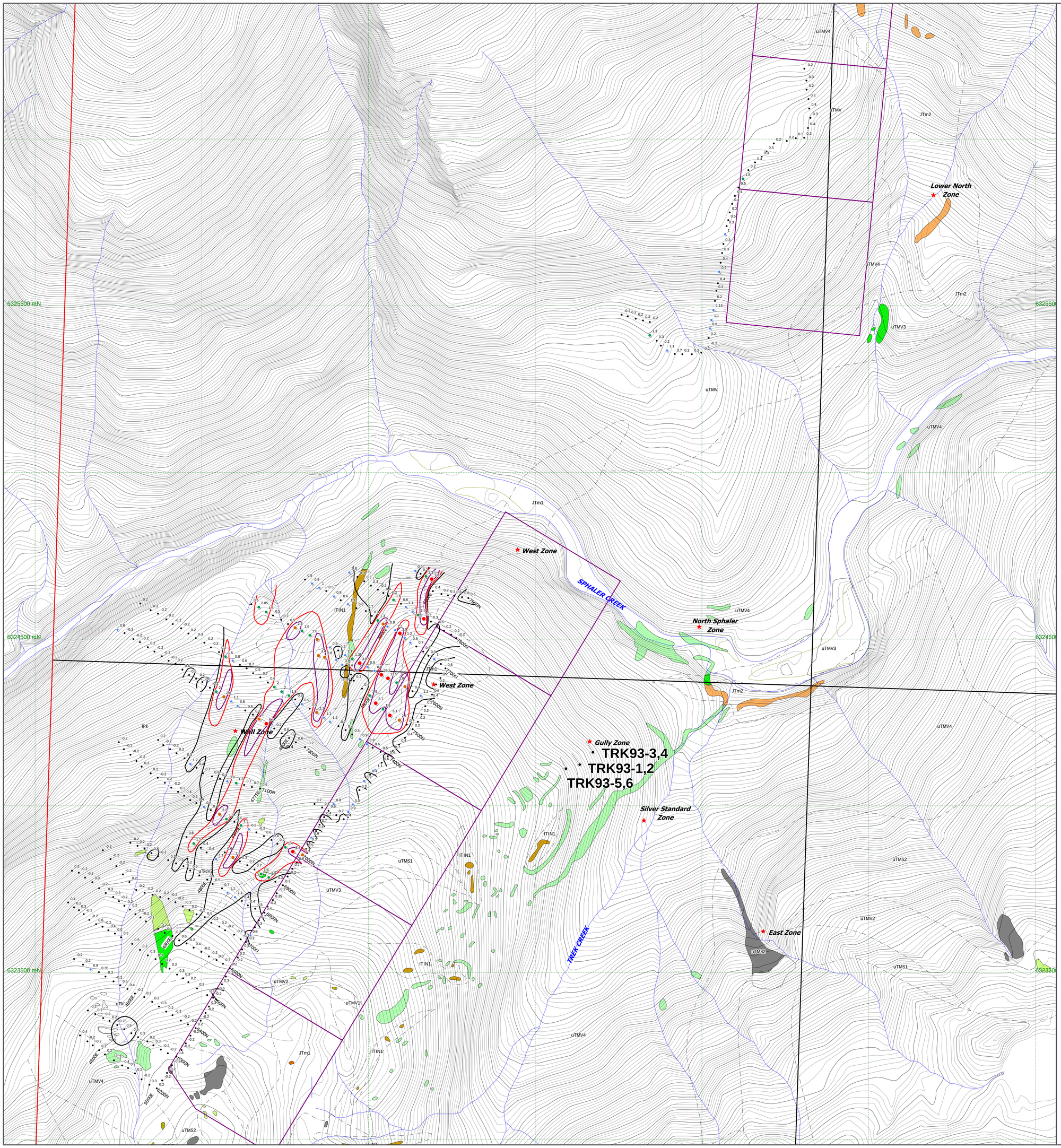
metres

**ROMIOS GOLD RESOURCES INC**

***TREK PROPERTY***

**TREK Soil Geochemistry Gold (ppb)**

| | | | |
|---|---|---|---|
| EQUITY | Date: NOV 2006 | Scale: 1:5,000 | Figure 5a |
| | UTM Zone: UTM9 - NAD83 | Mining District: Liard | |
| | N.T.S.: 104B/15, 104G/2 | State/Province: BC | |




## Lithologic Units

TERTIARY or LATER

***Intrusive Dykes and Sills***

TQIN1 — Fine grained, aphanitic, dark grey-green basaltic dykes

EOCENE

***Unknown Suite of Intrusive Stocks, Dykes and Sills (ca. 47Ma)***

Eg — Light grey, medium grained, equigranular biotite-quartz monzonite; contains abundant matic xenoliths and feldspathic veins

EARLY JURASSIC

***Texas Creek Suite Intrusive Rocks (ca. 193Ma)***

JTm1 — Diorite to Monzonite: coarse grained, crowded plagioclase (+/- potassium feldspar) porphyry, plagioclase megacrystic containing euhedral 1cmx 5 mm to megacrystic tabular (3cm x 6cm) feldspar crystals

JTm2 — Monzonite; biotite bearing, equigranular

***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***

JIN1 — Syenite and orthoclase porphyritic monzonite

UPPER TRIASSIC

***Stuhini Group***

**ITIN** — **Synvolcanic intrusive rocks**

ITIN1 — Subvolcanic augite porphyritic chlorite/andesite

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uTMV4 — Andesitic tuff, crystal poor, fragment rich, lapilli to breccia tuff

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uTMS2 — Conglomerate; cobble to boulder sized clasts; derived from older Stuhini Group andesitic flows, tuffs and subvolcanic intrusions

uTMS3 — Limestone: light grey, well preserved, fossiliferous

PERMIAN and OLDER

***Stikine Assemblage***

PI1 — Light grey massive to thickly bedded buff, bioclastic calcarenite

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IPv — Plagioclase porphyry flows, volcaniclastics, purple ash tuff

IPs — Silver phyllite, slate and phyllitic argillite

GOS — Gossan

2006 Rock Sample (grab,float)

2006 Silt Sample

Fault, thrust

Major fault, normal

Outcrop

Claim Boundary (Trek)

Claim Boundary (NOVAGOLD)

Drill Hole

Bedding 45

Foliation 45

Joint 45

Dyke 45

Vein 45

Fold Axis 45

Fault 45

Lineation 45

## Soil Geochemistry
### Silver (ppm)

- > 3.7 ppm (98th percentile)
- 2.1 to 3.7 (95th percentile)
- 1.3 to 2.1 (90th percentile)
- 0.8 to 1.3 (80th percentile)
- < 0.8 ppm

0 50 100 150 250
metres

**ROMIOS GOLD RESOURCES INC**

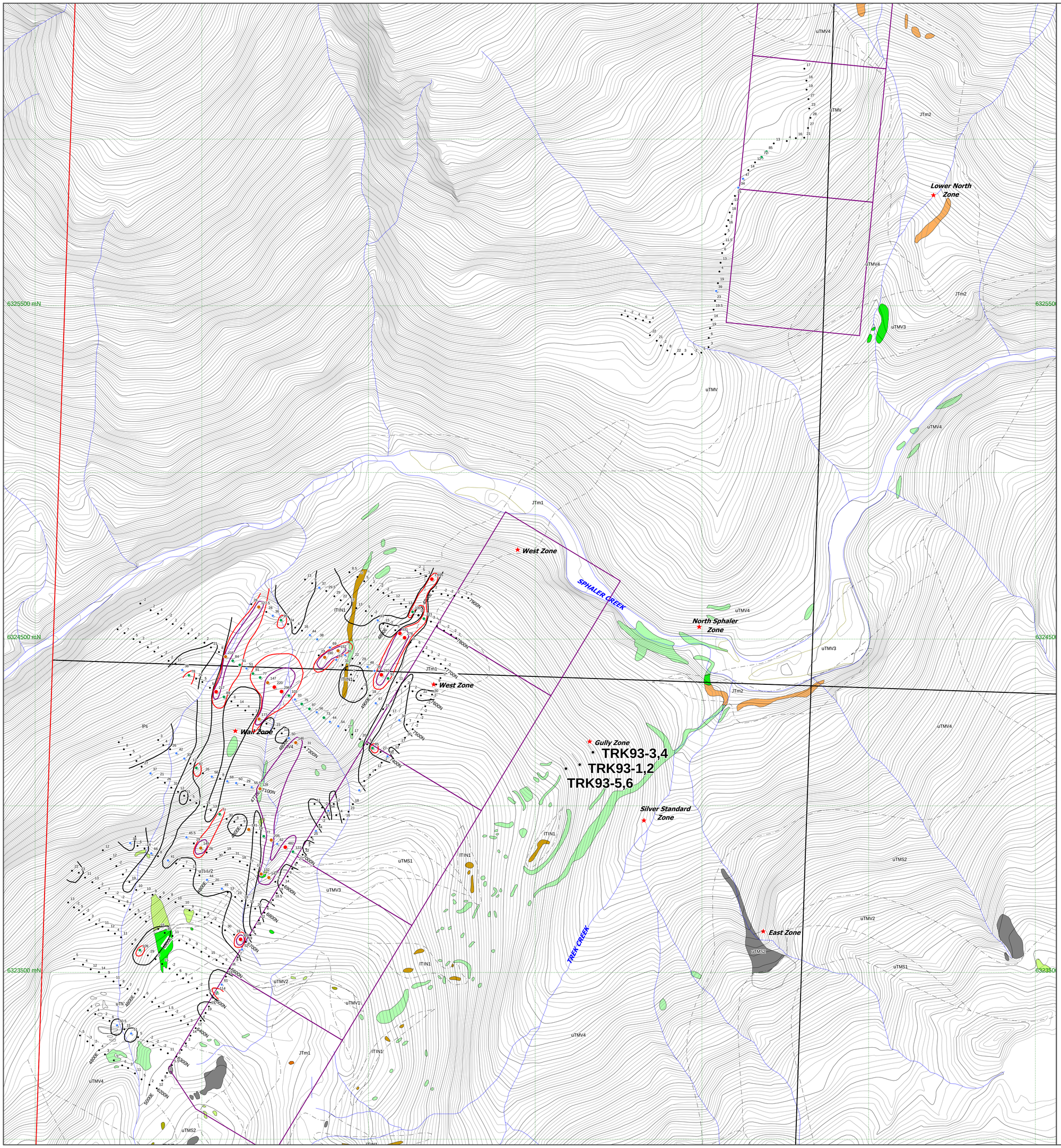
***TREK PROPERTY***

**TREK Soil Geochemistry Silver (ppm)**

EQUITY

Date: NOV 2006
UTM Zone: UTM9 - NAD83
N.T.S.: 104B/15, 104G/2
Scale: 1:5,000
Mining District: Liard
State/Province: BC

Figure 5b




## Lithologic Units

TERTIARY or LATER

***Intrusive Dykes and Sills***

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EOCENE

***Unknown Suite of Intrusive Stocks, Dykes and Sills (ca. 47Ma)***

Eg — Light grey, medium grained, equigranular biotite-quartz monzonite; contains abundant matic xenoliths and feldspathic veins

EARLY JURASSIC

***Texas Creek Suite Intrusive Rocks (ca. 193Ma)***

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JTm2 — Monzonite; bioite bearing, equigranular

***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***

JIN1 — Syenite and orthoclase porphyritic monzonite

UPPER TRIASSIC

***Stuhini Group***

**ITIN** — **Synvolcanic intrusive rocks**

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PERMIAN and OLDER

***Stikine Assemblage***

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2006 Rock Sample (grab,float) ■ 2006 Silt Sample ▲

Fault, thrust

Major fault, normal

Outcrop

Claim Boundary (Trek)

Claim Boundary (NOVAGOLD)

Drill Hole

Bedding 45

Foliation 45

Joint 45

Dyke 45

Vein 45

Fold Axis 45

Fault 45

Lineation 45

## Soil Geochemistry

### Arsenic (ppm)

- > 216 ppm (98th percentile)
- 123 to 216 (95th percentile)
- 72 to 123 (90th percentile)
- 33 to 72 (80th percentile)
- < 33 ppm

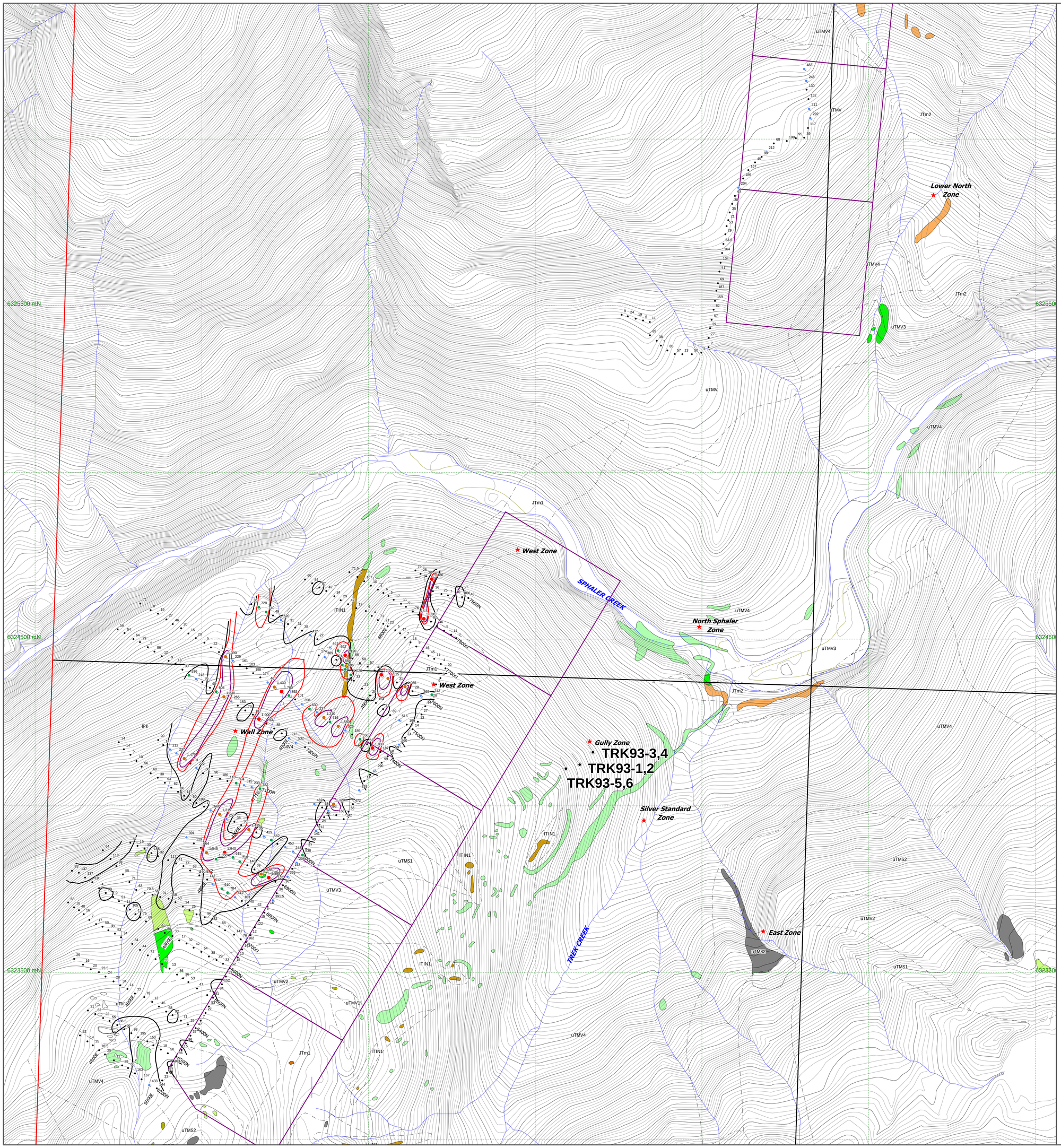
0 50 100 150 250 metres

**ROMIOS GOLD RESOURCES INC**

***TREK PROPERTY***

**TREK Soil Geochemistry Arsenic (ppm)**

| | | | |
|---|---|---|---|
| EQUITY | Date: NOV 2006 | Scale: 1:5,000 | Figure 5c |
| | UTM Zone: UTM9 - NAD83 | Mining District: Liard | |
| | N.T.S.: 104B/15, 104G/2 | State/Province: BC | |




## Lithologic Units

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EARLY JURASSIC

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***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***

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UPPER TRIASSIC

***Stuhini Group***

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PERMIAN and OLDER

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2006 Silt Sample

Fault, thrust

Major fault, normal

Outcrop

Claim Boundary (Trek)

Claim Boundary (NOVAGOLD)

Drill Hole

Bedding 45

Foliation 45

Joint 45

Dyke 45

Vein 45

Fold Axis 45

Fault 45

Lineation 45

## Soil Geochemistry

### Copper (ppm)

- > 1567 ppm (98th percentile)
- 1055 to 1567 (95th percentile)
- 533 to 1055 (90th percentile)
- 202 to 533 (80th percentile)
- < 202 ppm

0 50 100 150 250

metres

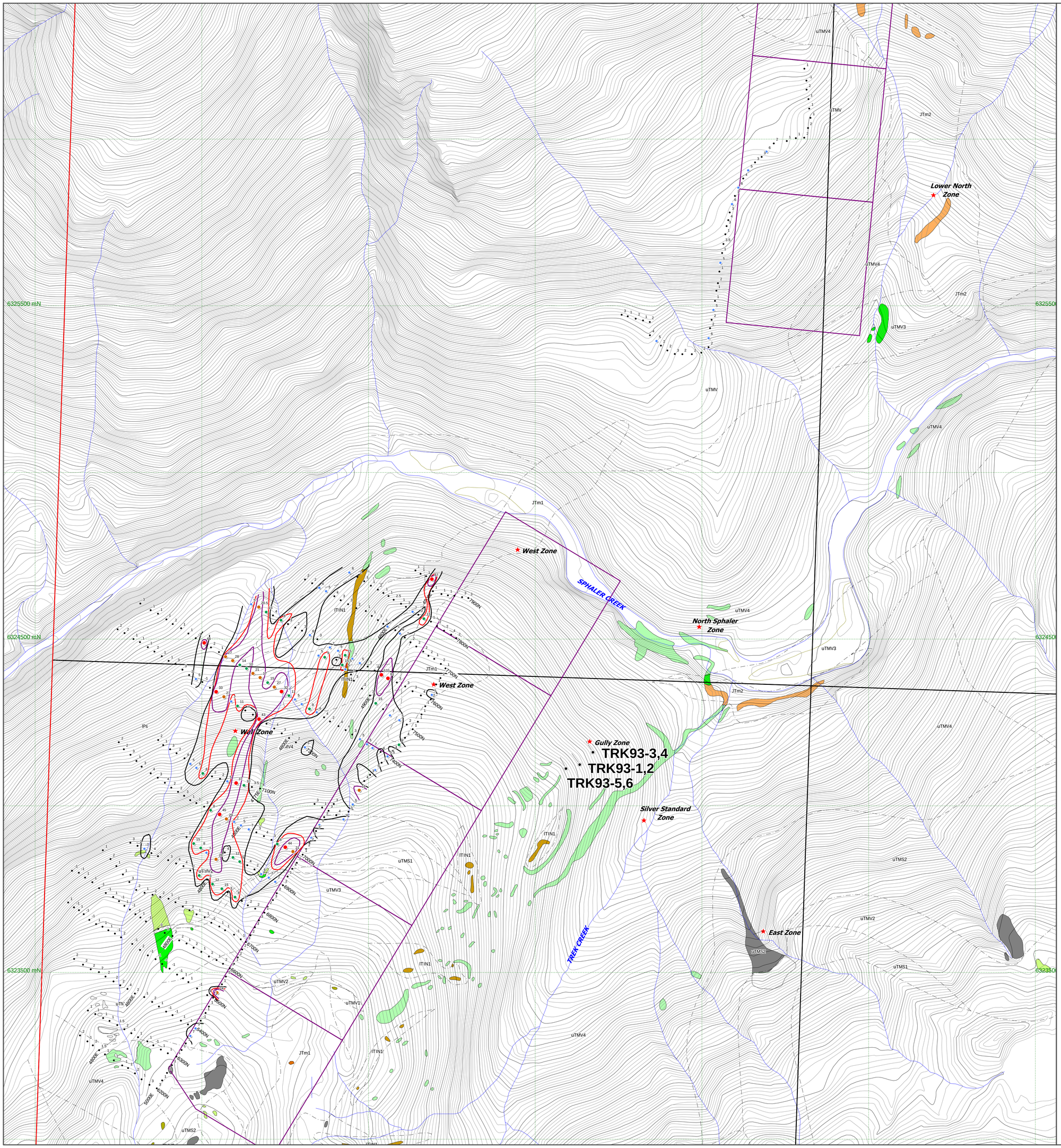
**ROMIOS GOLD RESOURCES INC**

***TREK PROPERTY***

**TREK Soil Geochemistry Copper (ppm)**

EQUITY

| | | | |
|---|---|---|---|
| Date: NOV 2006 | | Scale: 1:5,000 | Figure |
| UTM Zone: UTM9 - NAD83 | | Mining District: Liard | 5d |
| N.T.S.: 104B/15, 104G/2 | | State/Province: BC | |

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EARLY JURASSIC

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JTm2 — Monzonite; biotite bearing, equigranular

***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***

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UPPER TRIASSIC

***Stuhini Group***

**ITIN** — **Synvolcanic intrusive rocks**

ITIN1 — Subvolcanic augite porphyritic chlorite/andesite

ITIN2 — Diorite stocks

ITIN3 — Andesitic to basaltic dykes; fine grained; aphyric

**uTMV** — **Mafic Volcanic Rock**

uTMV1 — Andesitic tuff; crystal rich; fragment poor, augite >> feldspar, grading into lapilli and breccia tuff

uTMV2 — Andesitic tuff; crystal rich; fragment poor, feldspar >> augite, grading into lapilli and breccia tuff

uTMV3 — Vesicular basaltic flows

uTMV4 — Andesitic tuff, crystal poor, fragment rich, lapilli to breccia tuff

**uTMS** — **Marine Sedimentary Rock**

uTMS1 — Interbedded greywacke, siltstone, sandstone, shale; well bedded, thin beds, often calcareous

uTMS2 — Conglomerate; cobble to boulder sized clasts; derived from older Stuhini Group andesitic flows, tuffs and subvolcanic intrusions

uTMS3 — Limestone: light grey, well preserved, fossiliferous

PERMIAN and OLDER

***Stikine Assemblage***

PI1 — Light grey massive to thickly bedded buff, bioclastic calcarenite

PI2 — Dark grey to buff thin bedded, bioclastic limestone, chert, siltstone, sandstone, argillite; interbedded

PI3 — Foliated maroon and green tuffaceous epiclastics and lapilli tuffs

IPv — Plagioclase porphyry flows, volcaniclastics, purple ash tuff

IPs — Silver phyllite, slate and phyllitic argillite

GOS — Gossan

2006 Rock Sample (grab,float)

2006 Silt Sample

Fault, thrust

Major fault, normal

Outcrop

Claim Boundary (Trek)

Claim Boundary (NOVAGOLD)

Drill Hole

Bedding 45

Foliation 45

Joint 45

Dyke 45

Vein 45

Fold Axis 45

Fault 45

Lineation 45

## Soil Geochemistry

### Molybdenum (ppm)

- > 32 ppm (98th percentile)
- 16 to 32 (95th percentile)
- 8 to 16 (90th percentile)
- 5 to 8 (80th percentile)
- < 5 ppm

0 50 100 150 250

metres

**ROMIOS GOLD RESOURCES INC**

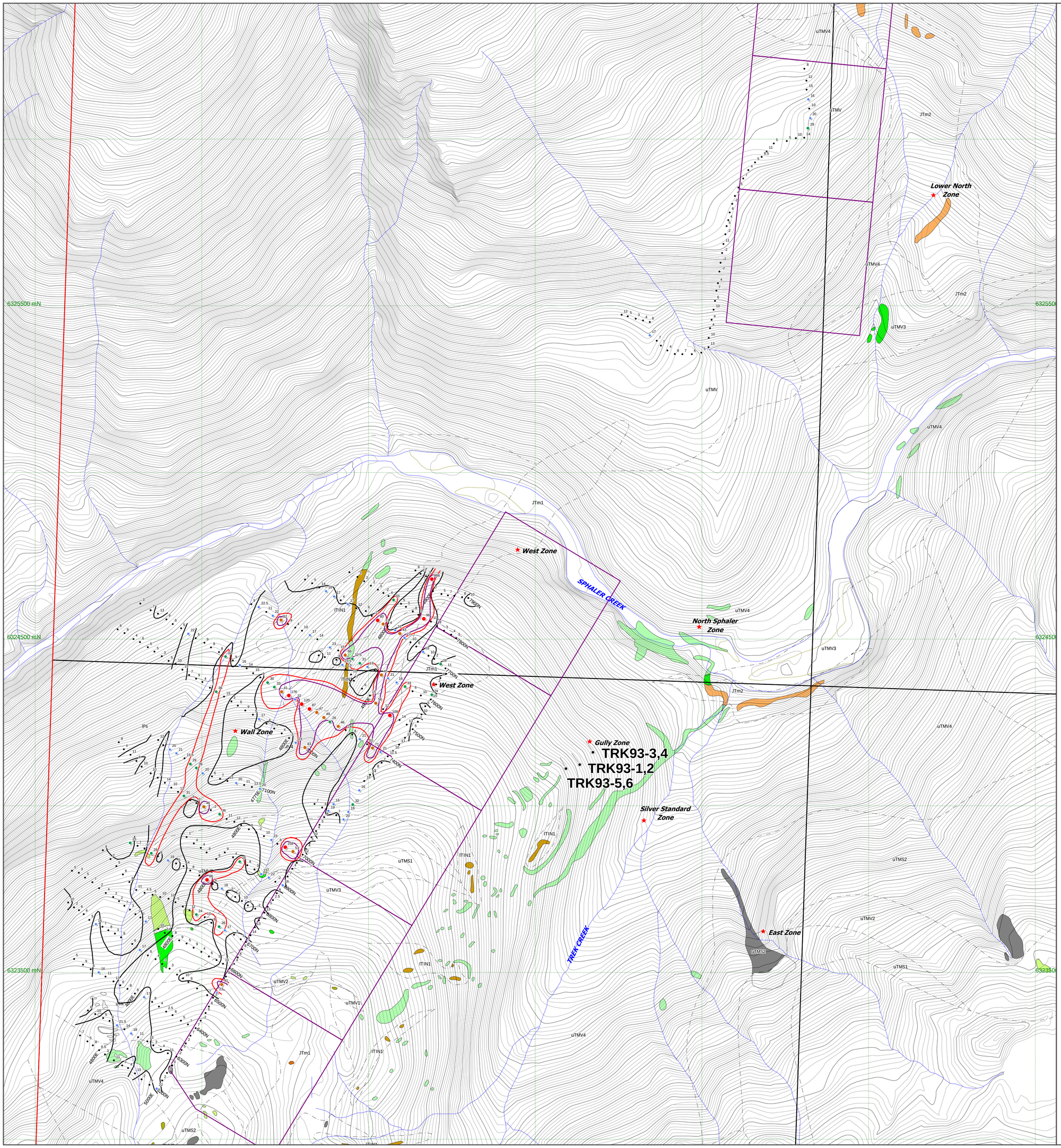
***TREK PROPERTY***

**TREK Soil Geochemistry Molybdenum (ppm)**

EQUITY

Date: NOV 2006
U.T.M. Zone: UTM9 - NAD83
N.T.S.: 104B/15, 104G/2
Scale: 1:5,000
Mining District: Liard
State/Province: BC

Figure 5e




## Lithologic Units

TERTIARY or LATER

***Intrusive Dykes and Sills***

TQIN1 — Fine grained, aphanitic, dark grey-green basaltic dykes

EOCENE

***Unknown Suite of Intrusive Stocks, Dykes and Sills (ca. 47Ma)***

Eg — Light grey, medium grained, equigranular biotite-quartz monzonite; contains abundant matic xenoliths and feldspathic veins

EARLY JURASSIC

***Texas Creek Suite Intrusive Rocks (ca. 193Ma)***

JTm1 — Diorite to Monzonite: coarse grained, crowded plagioclase (+/- potassium feldspar) porphyry, plagioclase megacrystic containing euhedral 1cmx 5 mm to megacrystic tabular (3cm x 6cm) feldspar crystals

JTm2 — Monzonite; bioite bearing, equigranular

***Galore Creek Intrusive Dykes ans Sills (ca. 201Ma)***

JIN1 — Syenite and orthoclase porphyritic monzonite

UPPER TRIASSIC

***Stuhini Group***

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GOS — Gossan

2006 Rock Sample (grab,float) ■ 2006 Silt Sample ▲

Fault, thrust — Bedding 45 — Vein 45

Major fault, normal — Foliation 45 — Fold Axis 45

Outcrop — Joint 45 — Fault 45

Claim Boundary (Trek) / Claim Boundary (NOVAGOLD) — Dyke 45 — Lineation 45

Drill Hole

## Soil Geochemistry

### Lead (ppm)

- > 73 ppm (98th percentile)
- 41 to 73 (95th percentile)
- 24 to 41 (90th percentile)
- 16 to 24 (80th percentile)
- < 16 ppm

0 50 100 150 250 metres

**ROMIOS GOLD RESOURCES INC**

***TREK PROPERTY***

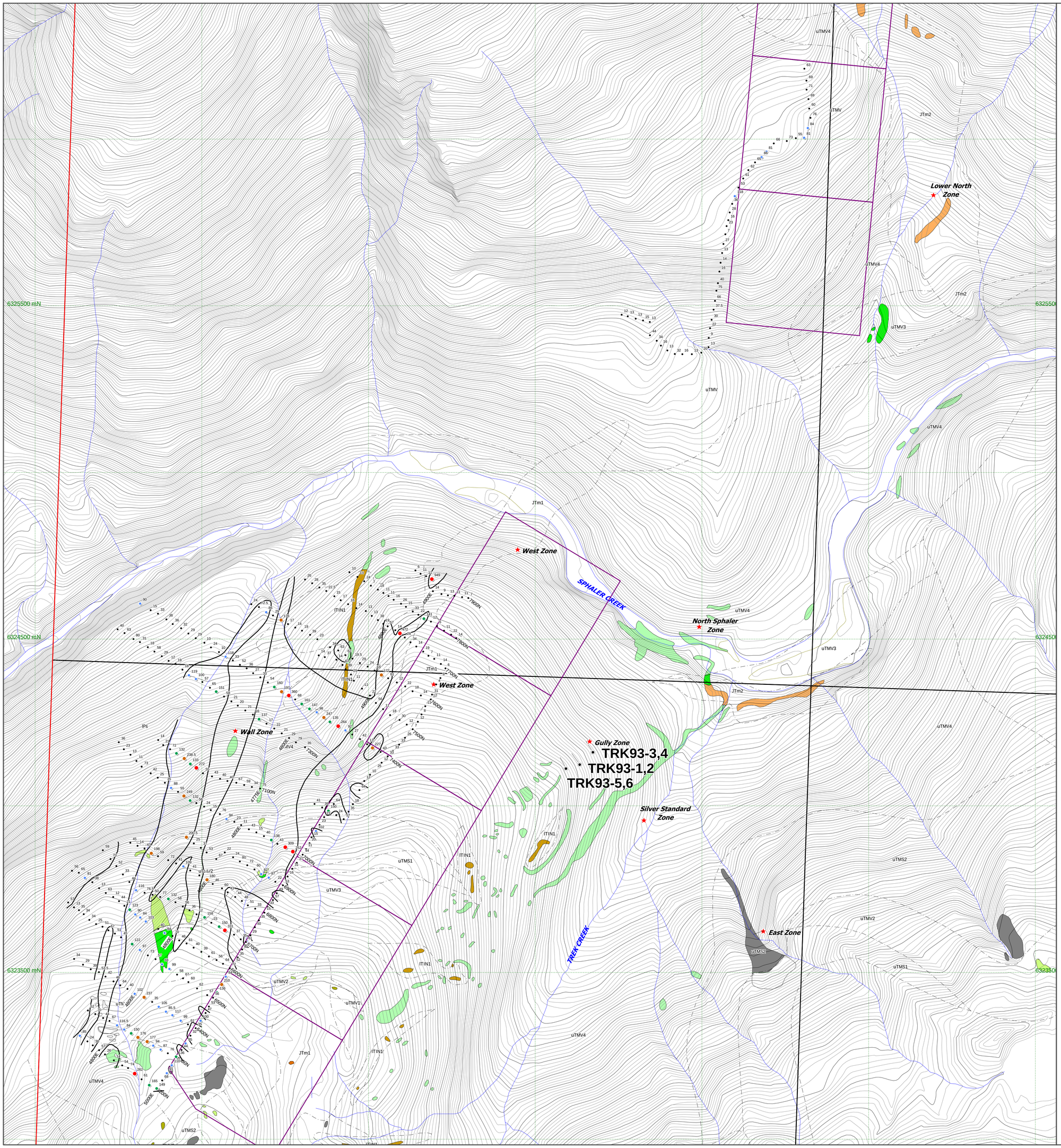
**TREK Soil Geochemistry**
**Lead (ppm)**

EQUITY

Date: NOV 2006 | Scale: 1:5,000 | Figure: 5f

U.T.M. Zone: UTM9 - NAD83 | Mining District: Liard

N.T.S.: 104B/15, 104G/2 | State/Province: BC

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***Stuhini Group***

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Major fault, normal

Outcrop

Claim Boundary (Trek)

Claim Boundary (NOVAGOLD)

Drill Hole

Bedding

Foliation

Joint

Dyke

Vein

Fold Axis

Fault

Lineation

## Soil Geochemistry

### Zinc (ppm)

- > 250 ppm (98th percentile)
- 176 to 250 (95th percentile)
- 122 to 176 (90th percentile)
- 81 to 122 (80th percentile)
- < 81 ppm

0 50 100 150 250

metres

**ROMIOS GOLD RESOURCES INC**

***TREK PROPERTY***

**TREK Soil Geochemistry Zinc (ppm)**

| | | | |
|---|---|---|---|
| EQUITY | Date: NOV 2006 | Scale: 1:5,000 | Figure 5g |
| | UTM Zone: UTM9 - NAD83 | Mining District: Liard | |
| | N.T.S.: 104B/15, 104G/2 | State/Province: BC | |