Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT (type of survey(s)) Geochemical Sampling

TOTAL COST **$12,469.77**

AUTHOR(S): R. Tim Henneberry, P.Geo.

SIGNATURE(S): "signed and sealed"

NOTICE OF WORK NUMBER(S) / DATE(S):

YEAR OF WORK: 2008

STATEMENT OF WORK – CASH PAYMENT EVENT NUMBERS / DATE(S): 4265665

PROPERTY NAME: Placer Creek

CLAIM NAME(S) (on which work was done): Placer Creek 1, Placer Creek 2, Placer Creek 5

COMMODITIES SOUGHT: Porphyry copper, Shear Hosted Gold

MINERAL INVENTORY MINFILE NUMBERS, IF KNOWN:

MINING DIVISION: Similkameen

NTS: 092H/01, 092H/02 TRIM 092H018, 092H028

LATITUDE LONGITUDE (at centre of work)

NORTHING 5451200 EASTING 680700 UTM ZONE 10 MAP DATUM NAD 83

OWNER 1: **Sydney WIlson**

OWNER 2:

MAILING ADDRESS
4766 West 4th Avenue
Vancouver, B.C. V6T 1C2

OPERATORS (who paid for work): **same**

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size, attitude)
The claims are largely underlain by Triassic Nicola Group sediments and volcanics in the general vicinity of Cretaceous intrusives. A Mobile Metal Ion (MMI) survey was completed.
Two multi-element anomalous zones were detected. Further exploration is recommended.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
none

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (In Metric Units)	On Which Claims	Project Costs Apportioned
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo Interpretation			
GEOPHYSICAL (line kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Siesmic			
Other			
Airborne			
GEOCHEMICAL			
(number of samples analyzed for)			
Soil	40	Placer Creek 1,2,5	
Silt			
Rock			
Other			
DRILLING			
(total metres, number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / assaying			
Petrographic			
Mineralogical			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATION / PHYSICAL			
Line/grid (kilometres)			
Topographic / Photogrammatic (scale, area)			
Legal Surveys (scale, area)			
Road, local access (kilometres)			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	**$12,469.77**

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GEOLOGICAL REPORT

PLACER CREEK PROJECT

Similkameen Mining Division
TRIM Sheet 092H018, 092H028
UTM (NAD 83) ZONE 10 680700E 5451200N

FOR

Mr. Sydney Wilson.
4766 West 4th Avenue
Vancouver, B.C. V6T 1C2

By: R.Tim Henneberry, P.Geo.
December 1, 2008

SUMMARY

Mr. Sydney Wilson is exploring the Placer Creek property for its porphyry copper-molybdenum and shear hosted gold potential. The 2,766 hectare property is road accessible and lies 37 kilometres south of Princeton, British Columbia. The Placer Creek property claims are currently held by staking by Mr. Sydney Wilson of Vancouver, B.C.

The Placer Creek is underlain by Triassic Nicola Group sediments and volcanics in the general vicinity of Jurassic to Cretaceous intrusive rocks. As well, the old Silver Moon shear hosted gold vein showing in the northwest section of the property suggests the possibility of shear hosted gold.

A 40 sample reconnaissance MMI soil geochemistry found considerable scatter along the cross-cutting north-south and east-west lines. However, silver and lead appear to be coincident over the north-central portion of the north-south line (900 lineal metres) and also over the west-central portion of the east-west line (1500 lineal metres). This anomaly requires follow up exploration.

A 2100 metre by 2100 metre grid should be established over the anomaly in an effort to further define and expand the anomaly. The north south lines will be spaced at 150 metre intervals and the sample stations will be established at 150 metre intervals along the lines. The property and grid area will also be mapped and prospected, including the old Silver Moon showing.

Further exploration will be dictated by the results of the MMI survey. The cost of the 2100 metre by 2100 metre grid is estimated at $52,000.

The cost of the July and September 2008 MMI survey was $12,469.77.

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INTRODUCTION

The purpose of this Technical Report is to compile the results of the 2008 exploration program on the Placer Creek property for assessment credit.

This report was commissioned by Mr. Sydney Wilson, the property owner.

R.Tim Henneberry, P.Geo., serves as the Qualified Person responsible for preparing the Technical Report.

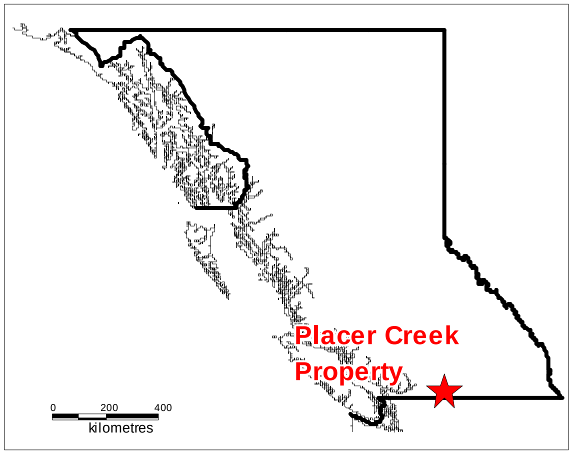
In preparing this report, the author relied on geological reports listed in the References (Section 21) of this report and his extensive years of mineral exploration experience in British Columbia. The author supervised the 2008 MMI soil survey completed by Jaynes Contracting of Naramata, B.C.

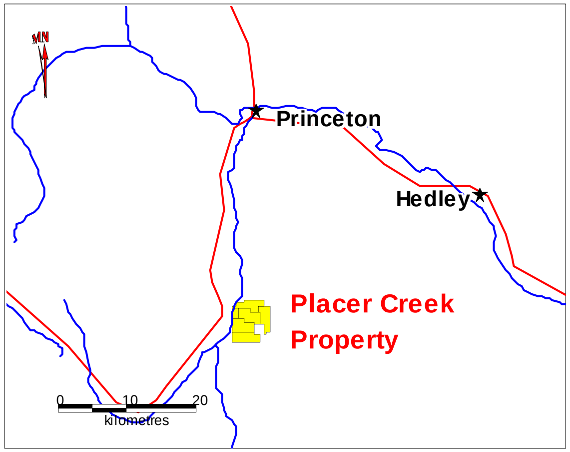
The author has not yet visited the Placer Creek Property.

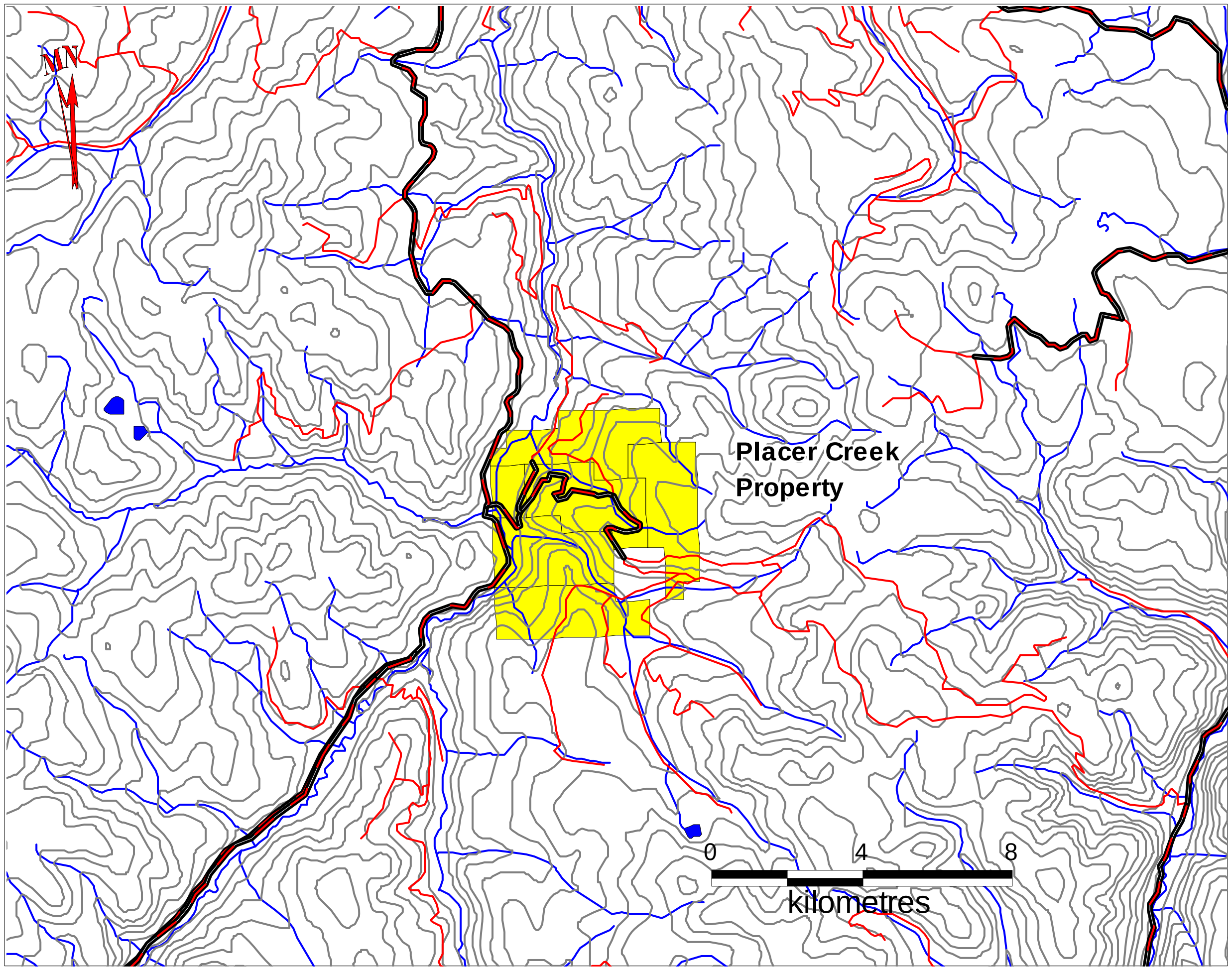
RELIANCE ON OTHER EXPERTS

The author is not relying on a report or opinion of any experts. The ownership of the claims comprising the property and the ownership of the surrounding claims has been taken from the Mineral Titles Online database maintained by the British Columbia Ministry of Energy and Mines. The data on this site is assumed to be correct.

The section on the History of the property area has been taken from the British Columbia Ministry of Energy and Mines Assessment Files. The geological assessment reports have been written by competent geologists and engineers to the industry standards of the day. The rock, soil and silt analyses were completed by reputable Canadian assay labs, again to the industry standards of the day.







Projection is UTM NAD83 Zone 10

PLACER CREEK PROJECT
LOCATION
Figure 1

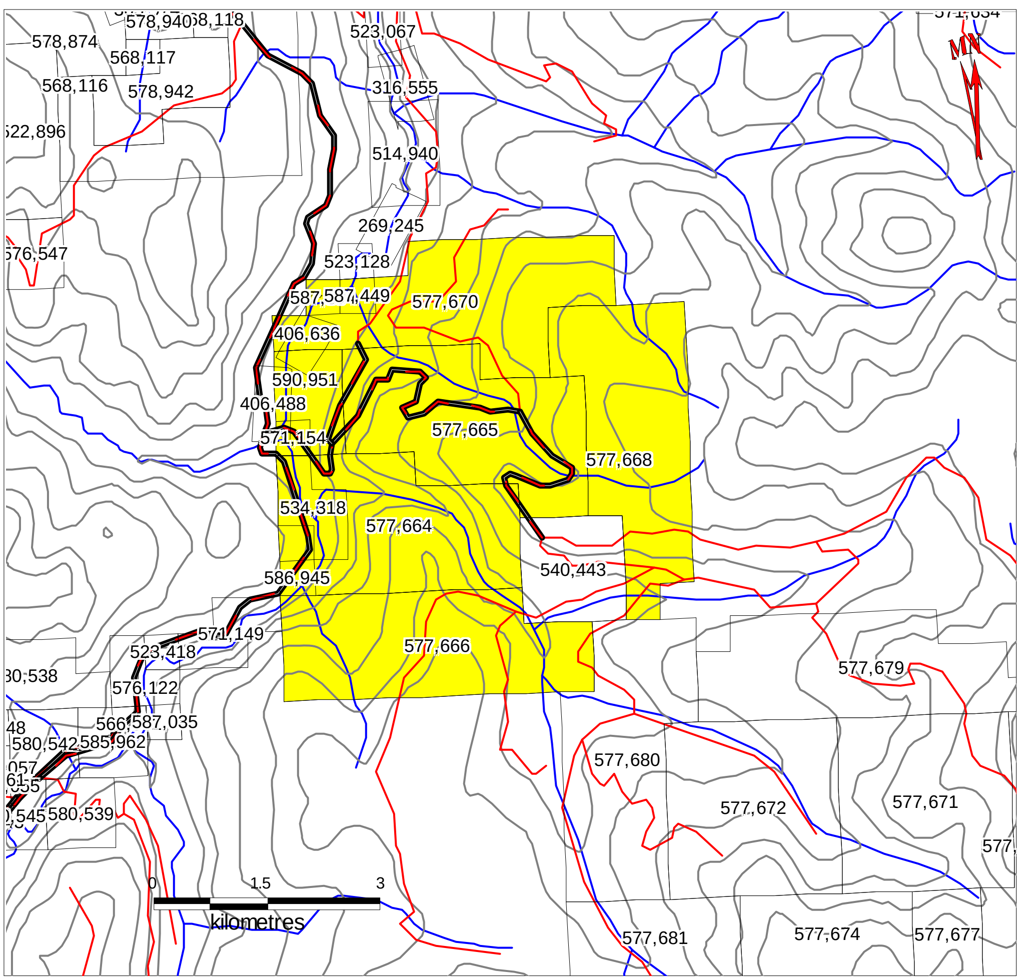
PROPERTY DESCRIPTION AND LOCATION

The Placer Creek Project lies on TRIM claim sheet 092H018 and 092H028 in the Similkameen Mining Division. The property consists of 6 claims totaling 2765.835 hectares. The geographic center of the property is approximately UTM ZONE 10 680700E 5451200N (NAD 83).

All claims are held 100% by Mr. Sydney Wilson of Vancouver, B.C.

Tenure Number	Tenure Type	Claim Name	Owner	Map Number	Good To Date	Area
577664	Mineral	PLACER CREEK 1	129188 (100%)	092H	2010/mar/01	527.911
577665	Mineral	PLACER CREEK 2	129188 (100%)	092H	2010/mar/01	527.78
577666	Mineral	PLACER CREEK 3	129188 (100%)	092H	2009/mar/01	528.069
577668	Mineral	PLACER CREEK 4	129188 (100%)	092H	2010/mar/01	527.795
577670	Mineral	PLACER CREEK 5	129188 (100%)	092H	2010/mar/01	527.621
590051	Mineral	PLACER CREEK WEST	129188 (100%)	092H	2009/aug/16	126.659
						2765.835

* pending approval of 2008 work program for assessment credit



UTM NAD 83 Zone 10

PLACER CREEK PROPERTY
Claim Location (092H018, 092H028)
Figure 2

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Placer Creek property lies 37 kilometres south of Princeton, British Columbia. Road access is via Highway 3 west from Princeton to Placer Mountain Forest Service Road a distance of approximately 37 kilometres. The western boundary of the property parallels Highway 3 from kilometre 32 to 37. The first 5 kilometres of the Placer Mountain Forest Service Road cuts across the property.

The topography relief on the Placer Creek property is steep ranging from 945 metres above sea level (ASL) at the Similkameen River on the western boundary of the property to 1700 metres ASL on the eastern side of the property. Vegetation consists of thick jack pine and spruce on north slopes and significantly sparser vegetation on the remaining slope. The jack pine is falling victim to the Mountain Pine Beetle infestation. The underbrush is limited but heavy deadfall is prevalent in many areas. Rock outcrops are rare except on the ridges and deep cut valleys.

The climate of this part of the province is typical of the central interior of British Columbia. The summer field season is generally warm and dry and runs from mid- May through to mid-October. Winters are cold with significant snow accumulations. Temperatures can dip to minus 20 Celsius for extended periods.

The logistics of working in this part of the province are excellent. Gravel road access will allow the movement of supplies and equipment by road. Heavy equipment, supplies and fuel are available in Princeton as is accommodation. Depending on the type of exploration program to be conducted, the field season generally runs from mid-May to mid-October.

The next phase of exploration on the Placer Creek property will be further ground survey which requires no bonding. A trenching or drilling permit generally requires three months of lead time and the posting of a small $5,000 to $15,000 reclamation bond.

HISTORY

The British Columbia Ministry of Energy, Mines and Petroleum Resources MINFILE database indicates there has been some limited work completed on a series of shear zones hosting thin quartz veins along the Similkameen River on current tenure 590051 (MINFILE Number 092HSE071).

According to the British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report Database the ground presently comprising the current Placer Creek property has no exploration history. There have been a few historical exploration programs within 1-2 kilometres of the present property boundaries.

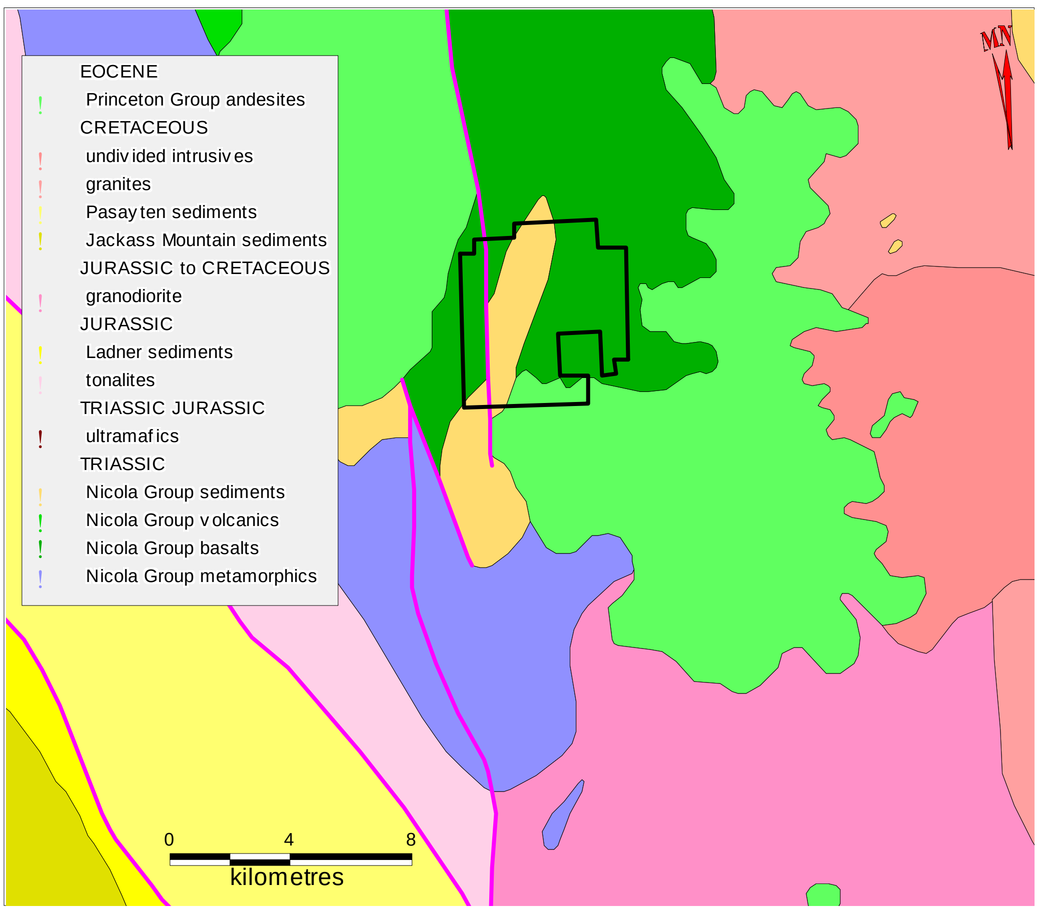
Teknol Mining Co. Ltd. (Larsen, 1972) completed 32 line kilometres of VLF-EM and magnetometer surveys over the EE and Ram Claim groups, located about 1.5 kilometers north of claim current tenure 577670. The VLF-EM survey showed a series of linear anomalies which probably reflects a conjugate fracture system or possibly some mineralized intrusion. The magnetometer survey showed a relative even distribution suggesting the survey area is underlain by a single rock type.

Cascadia Resources Ltd. (Ramani, 1974) completed geological mapping, and 34 line kilometres of geochemical soil sampling and magnetometer survey over the Holt and Davis claims during the summer of 1973. These claims were located approximately 1 kilometer east of the eastern boundary of current tenure 577668. A coincidental magnetic high and weak copper soil anomaly were located on the eastern edge of the property.

The Au 2 claim block, surrounded by current tenures 577668, 577665, 577664 and 577666, was examined in August 2007 by the property owner (Diakow, 2007). Soil sampling along roads traversing the property returned anomalous zinc and copper values. Further work is recommended.

GEOLOGICAL SETTING
(Summarized from MINFILE 092HSE)

The Placer Creek property is located on at the southern end of the Intermontane Belt and the adjoining eastern margin of the Coast Belt. This section of British Columbia covers the south end of the Intermontane Belt and the adjoining eastern margin of the Coast Belt. The southern Intermontane Belt is dominated by volcanic rocks and sediments of the Upper Triassic Nicola Group, comprising the Quesnel Terrane. These rocks are intruded by comagmatic plutons of the Late Triassic and Early Jurassic Copper Mountain and Hedley intrusions, and comprise a west-facing magmatic arc. The island arc assemblage is cut by post-accretionary intrusions of the Late Jurassic and Cretaceous Eagle Plutonic Complex and Osprey Lake batholith, and is unconformably overlain by volcanic rocks and clastic sediments of the Cretaceous and Tertiary Spences Bridge and Princeton groups. This post-accretionary volcanism and sedimentation is in part controlled by a system of northerly-striking strike-slip faults.



UTM NAD 83 Zone 10
Geology from MapPlace

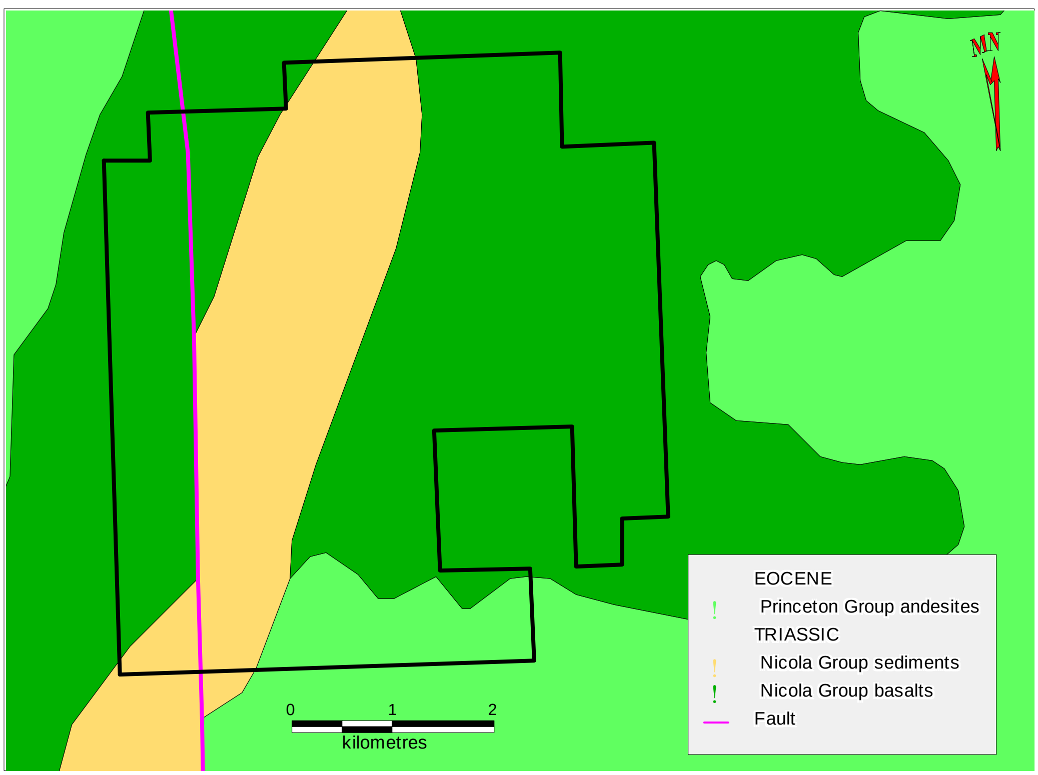
PLACER CREEK PROPERTY
Regional Geology
Figure 3

The Methow Terrane lies across the Pasayten fault to the west, and occupies the eastern margin of the Coast Belt in the Princeton map area. This terrane comprises a wedge of clastic sediments derived in part from Quesnellia rocks to the east. The sequence consists of fine-grained sediments and mafic volcanics of the Lower to Middle Jurassic Ladner Group, overlain by a thin section of sandstone and conglomerate of the Upper Jurassic "Thunder Lake sequence", which is in turn followed by a thick section of coarse clastics of the partly coeval Cretaceous Jackass Mountain and Pasayten groups.

The oldest rocks in the Placer Creek area belong to the Triassic Nicola Group. They consist of basaltic and undivided volcanics and overlying clastic sediments. These rocks are metamorphosed to amphibolite grade in the central portion of the map area.

The Nicola Group rocks have been intruded by early Jurassic granites and undivided intrusives, Jurassic tonalites and Jurassic to Cretaceous granodiorites. The youngest units are Eocene andesites of the Princeton Group.

The southwestern corner of the map area lies across the Pasayten Fault and is underlain by clastic sediments of the Jurassic Ladner and Jackass Mountain Groups and the Cretaceous Pasayten Group.



UTM NAD 83 Zone 10
Geology from MapPlace

PLACER CREEK PROPERTY
Preliminary Property Geology
Figure 4

Placer Creek Property Geology

The Placer Creek property has not yet been mapped.

The geological map of the area from the British Columbia Ministry of Energy and Mines MapPlace website (Figure 4) shows the Placer Creek property is underlain largely by Nicola basalts and clastic sediments. Andesites of the Eocene Princeton Group lie along the southern boundary of the claim group.

DEPOSIT TYPES

The Placer Creek property is being explored for porphyry Cu – Mo deposits. The following description is summarized from the British Columbia Ore Deposit Models (Panteleyev, 1995).

Porphyry Cu±Mo deposits consist of stockworks of quartz veinlets, quartz veins, closely spaced fractures and breccias containing pyrite and chalcopyrite with lesser molybdenite, bornite and magnetite occurring in large zones of economically bulk-mineable mineralization in or adjoining porphyritic intrusions and related breccia bodies. Disseminated sulphide minerals are present, generally in subordinate amounts. The mineralization is spatially, temporally and genetically associated with hydrothermal alteration of the host rock intrusions and wallrocks. In British Columbia, porphyry deposits are either Triassic-Jurassic or Cretaceous-Tertiary in age.

Porphyry Cu-Mo deposits are typically hosted in orogenic belts at convergent plate boundaries, commonly linked to subduction-related magmatism or in association with the emplacement of high-level stocks during extensional tectonism related to strike-slip faulting and back-arc spreading following continent margin accretion. They are associated with high-level (epizonal) stocks within volcano-plutonic arcs. Virtually any type of country rock can be mineralized, but commonly the high-level stocks and related dikes intrude their coeval and cogenetic volcanic pile. These intrusions range from coarse-grained phaneritic to porphyritic stocks, batholiths and dike swarms. Compositions range from calcalkaline quartz diorite to granodiorite and quartz monzonite. Commonly there is multiple emplacement of successive intrusive phases and a wide variety of breccias.

Porphyry Cu-Mo deposits consist of large zones of hydrothermally altered rock containing quartz veins and stockworks, sulphide-bearing veinlets; fractures and lesser disseminations in areas up to 10 km2 in size, commonly coincident wholly or in part with hydrothermal or intrusion breccias and dike swarms. Deposit boundaries are determined by economic factors that outline ore zones within larger areas of low-grade, concentrically zoned mineralization. Ore grade mineralization is often controlled by igneous contacts. Breccias, mainly early formed intrusive and hydrothermal types also commonly host ore-grade mineralization. Zones of intensely developed fracturing give rise to ore-grade vein stockworks, notably where there are coincident or intersecting multiple mineralized fracture sets.

Alteration mineralogy consists of quartz, sericite, biotite, K-feldspar, albite, anhydrite /gypsum, magnetite, actinolite, chlorite, epidote, calcite, clay minerals, tourmaline. Early formed alteration can be overprinted by younger assemblages. Central and early formed potassic zones (K-feldspar and biotite) commonly coincide with ore. This alteration can be flanked in volcanic hostrocks by biotite-rich rocks that grade outward into propylitic rocks. The biotite is a fine-grained, 'shreddy' looking secondary mineral that is commonly referred to as an early developed biotite (EDB) or a 'biotite hornfels'. These older alteration assemblages in cupriferous zones can be partially to completely overprinted by later biotite and K-feldspar and then phyllic (quartz-sericite-pyrite) alteration, less commonly argillic, and rarely, in the uppermost parts of some ore deposits, advanced argillic alteration (kaolinite-pyrophyllite)

Local swarms of dikes, many with associated breccias, and fault zones are sites of mineralization. Orebodies around silicified alteration zones tend to occur as diffuse vein stockworks carrying chalcopyrite, bornite and minor pyrite in intensely fractured rocks but, overall, sulphide minerals are sparse. Much of the early potassic and phyllic alteration in central parts of orebodies is restricted to the margins of mineralized fractures as selvages. Later phyllic-argillic alteration forms envelopes on the veins and fractures and is more pervasive and widespread. Propylitic alteration is widespread but unobtrusive and is indicated by the presence of rare pyrite with chloritized mafic minerals, saussuritized plagioclase and small amounts of epidote.

Pyrite is the predominant sulphide mineral; in some deposits the Fe oxide minerals magnetite, and rarely hematite, are abundant. Ore minerals are chalcopyrite; molybdenite, lesser bornite and rare (primary) chalcocite. Subordinate minerals are tetrahedrite/tennantite, enargite and minor gold, electrum and arsenopyrite. In many deposits late veins commonly contain galena and sphalerite in a gangue of quartz, calcite and barite. Gangue minerals in mineralized veins are mainly quartz with lesser biotite, sericite, K-feldspar, magnetite, chlorite, calcite, epidote, anhydrite and tourmaline. Many of these minerals are also pervasive alteration products of primary igneous mineral grains.

Geochemically, calcalkalic systems can be zoned with a Cu±Mo ore zone having a 'barren', low-grade pyritic core and surrounded by a pyritic halo with peripheral base and precious metal-bearing veins. Central zones with Cu commonly have coincident Mo, Au and Ag with possibly Bi, W, B and Sr. Peripheral enrichment in Pb, Zn, Mn, V, Sb, As, Se, Te, Co, Ba, Rb and possibly Hg is documented. Overall the deposits are large-scale repositories of sulphur, mainly in the form of metal sulphides, chiefly pyrite. Geophysically, ore zones, particularly those with higher Au content, can be associated with magnetite-rich rocks and are indicated by magnetic surveys. Alternatively the more intensely hydrothermally altered rocks, particularly those with quartz-pyrite-sericite (phyllic) alteration produce magnetic and resistivity lows. Pyritic haloes surrounding cupriferous rocks respond well to induced polarization (I.P.) surveys but in sulphide-poor systems the ore itself provides the only significant IP response.

British Columbia porphyry Cu ± Mo ± Au deposits range from 50 to 900 million tonnes grading 0.2 to 0.5 % Cu, <0.1 to 0.6 grams/tonne Au, and 1 to 3 grams/tonne Ag. Mo grades range from negligible to 0.04 % Mo. Median values for 40 B.C. deposits with reported reserves are: 115 Mt with 0.37 % Cu, *0.01 % Mo, 0.3g /t Au and 1.3 g/t Ag.

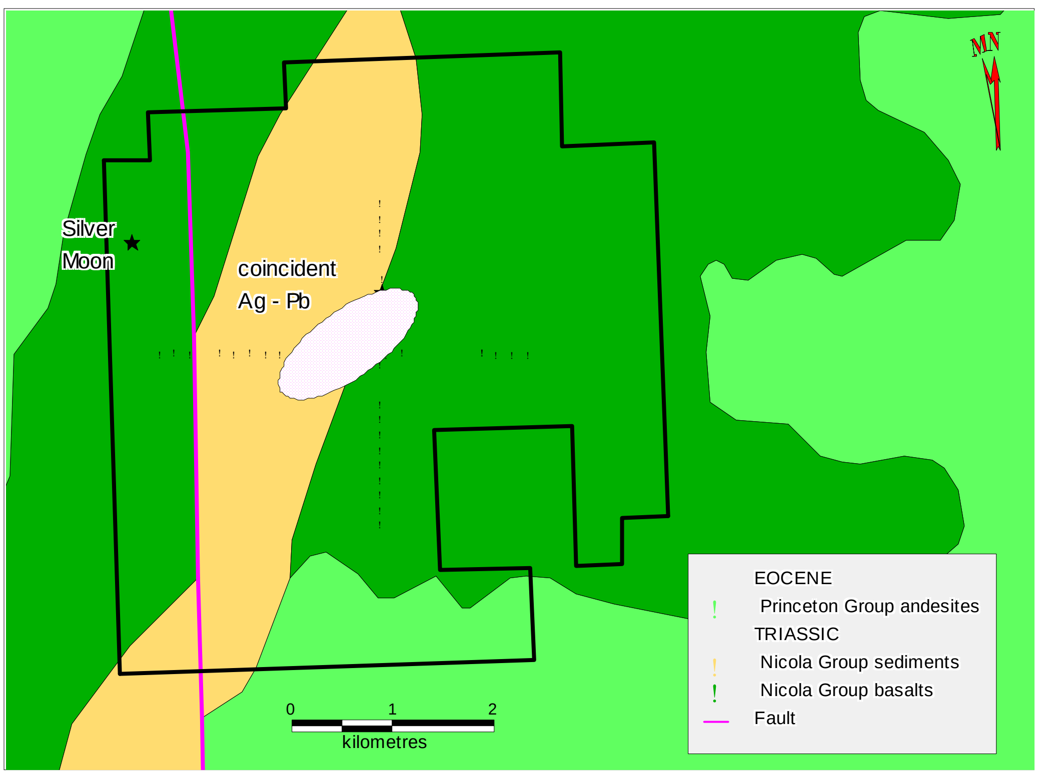
Mine production in British Columbia is from primary (hypogene) ores. Rare exceptions are Afton mine where native copper was recovered from an oxide zone, and Gibraltar and Bell mines where incipient supergene enrichment has provided some economic benefits.

Porphyry deposits contain the largest reserves of Cu, significant Mo resources and close to 50 % of Au reserves in British Columbia.

MINERALIZATION

The Placer Creek Project is being explored for porphyry copper - molybdenum and gold mineralization.

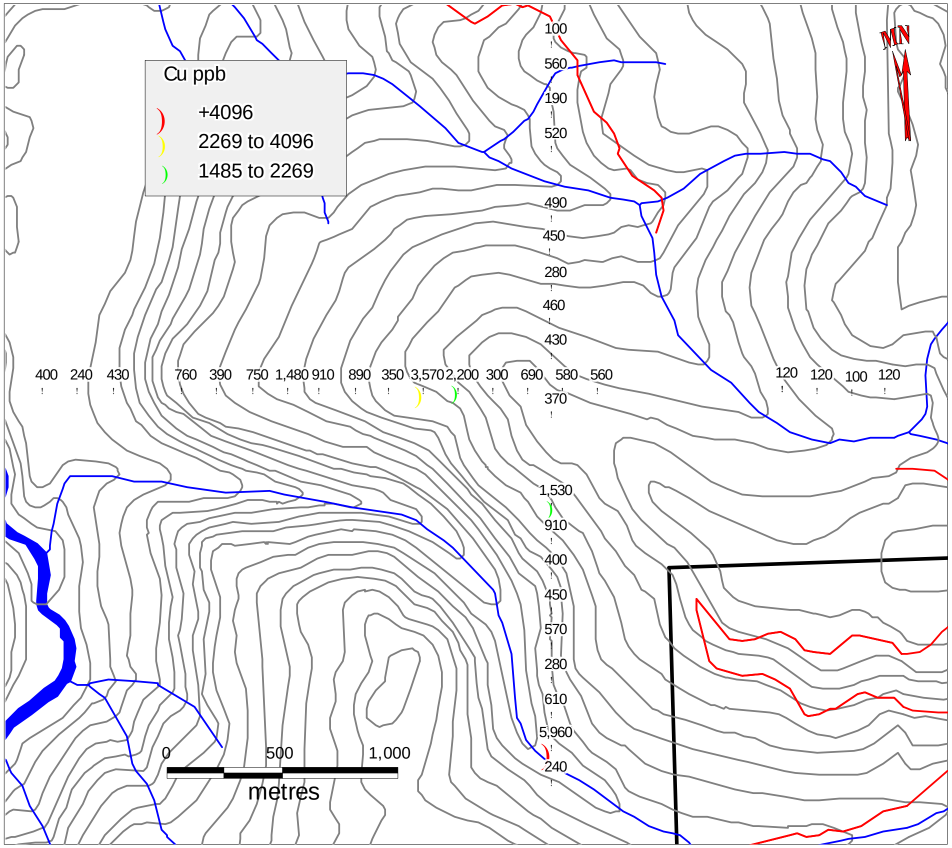
There are historic workings in the northwestern corner of the property on the old Silver Moon showing (Figure 5). The Silver Moon showing (BC MINFILE 092HSE071) consists of five flat-lying quartz and calcite veins up to 0.4 metre wide hosted within a series of vertical, irregular branching and reticulating shear zones striking roughly north and totaling 4.6 metres in width. The veins have been exposed over lengths of up to 10 metres and are locally mineralized with massive or disseminated arsenopyrite. Native gold is reported to occur in tiny veinlets cutting the arsenopyrite. Two samples collected from the flat veins assayed 6.17 and 1123 grams per tonne gold, and trace and 309 grams per tonne silver respectively (Minister of Mines Annual Report 1938, page D24). Between 1938 and 1940, about 7 tonnes of ore were mined, producing 1,027 grams of gold and 374 grams of silver. The showing was not examined during the current exploration program.



UTM NAD 83 Zone 10
Geology from MapPlace

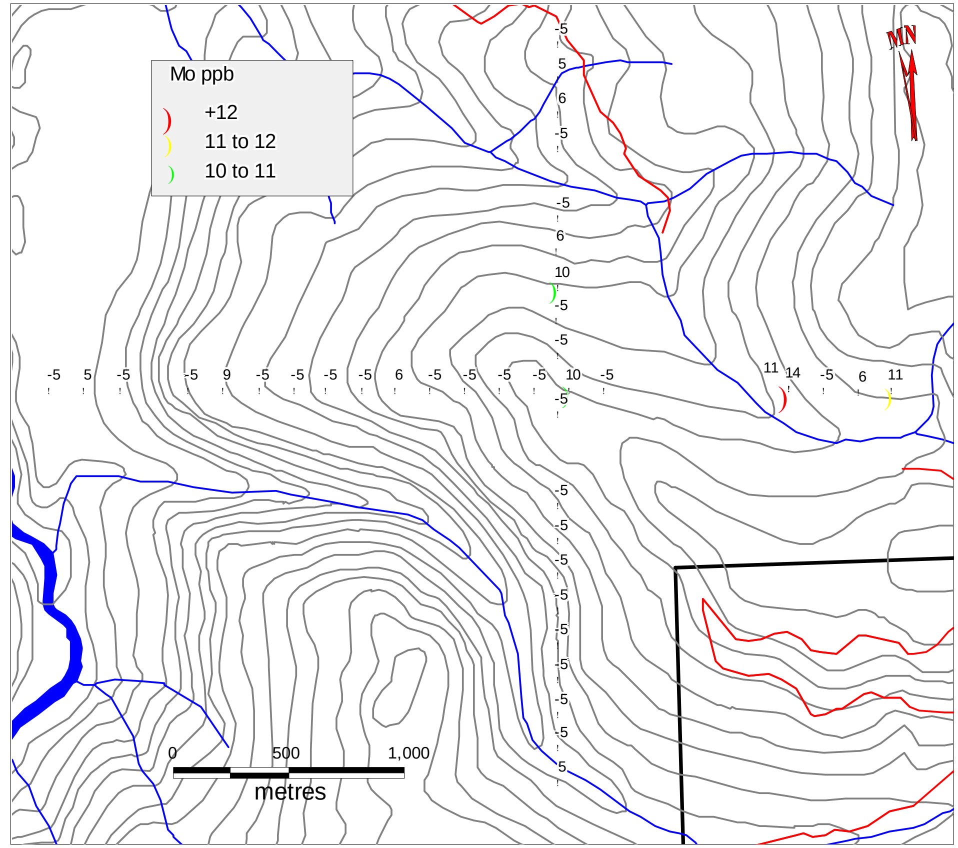
PLACER CREEK PROPERTY
Anomalous Zones
Figure 5

A Mobile Metal Ion (MMI) survey was completed in the fall of 2008. The program was successful in locating a 1500 metre by 600 metre, northeast trending zone of coincident Ag and Pb anomalies.



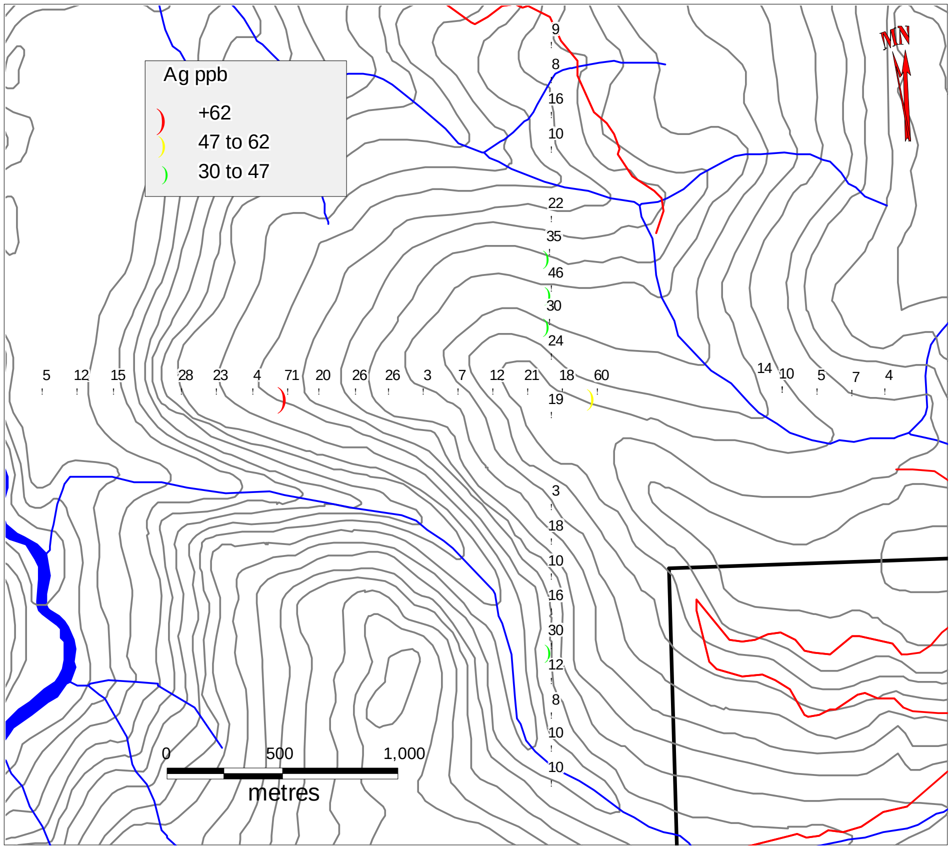
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
MMI ppb Cu
Figure 6a



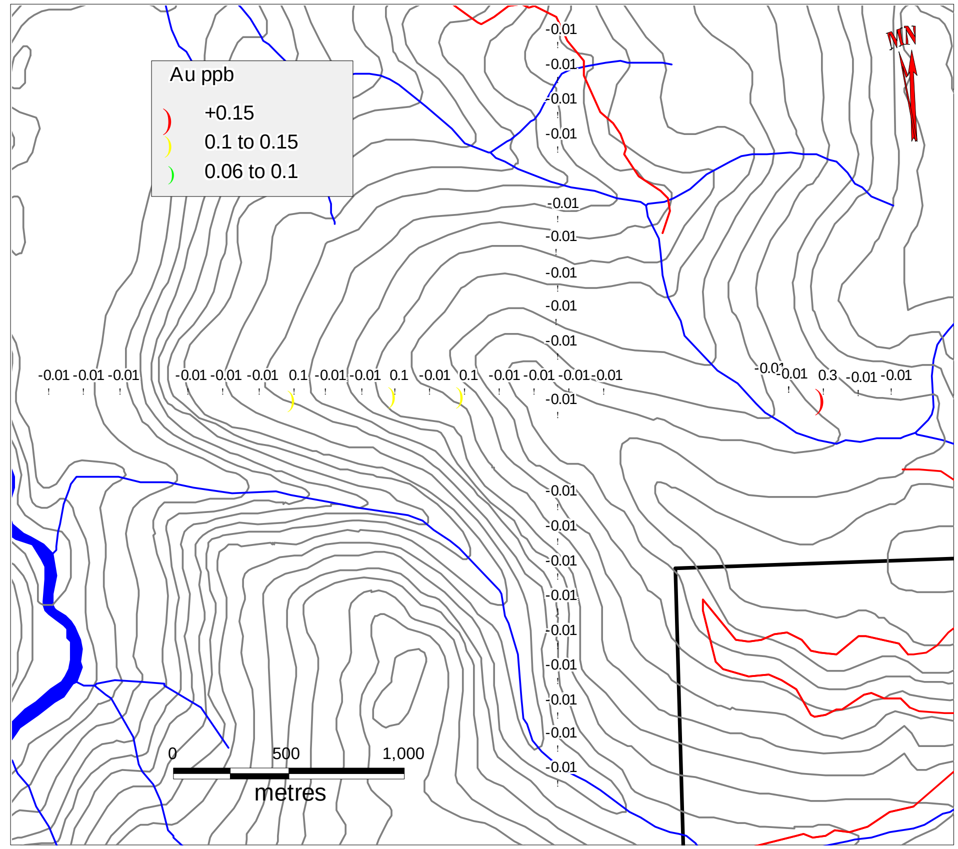
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
MMI ppb Mo
Figure 6b



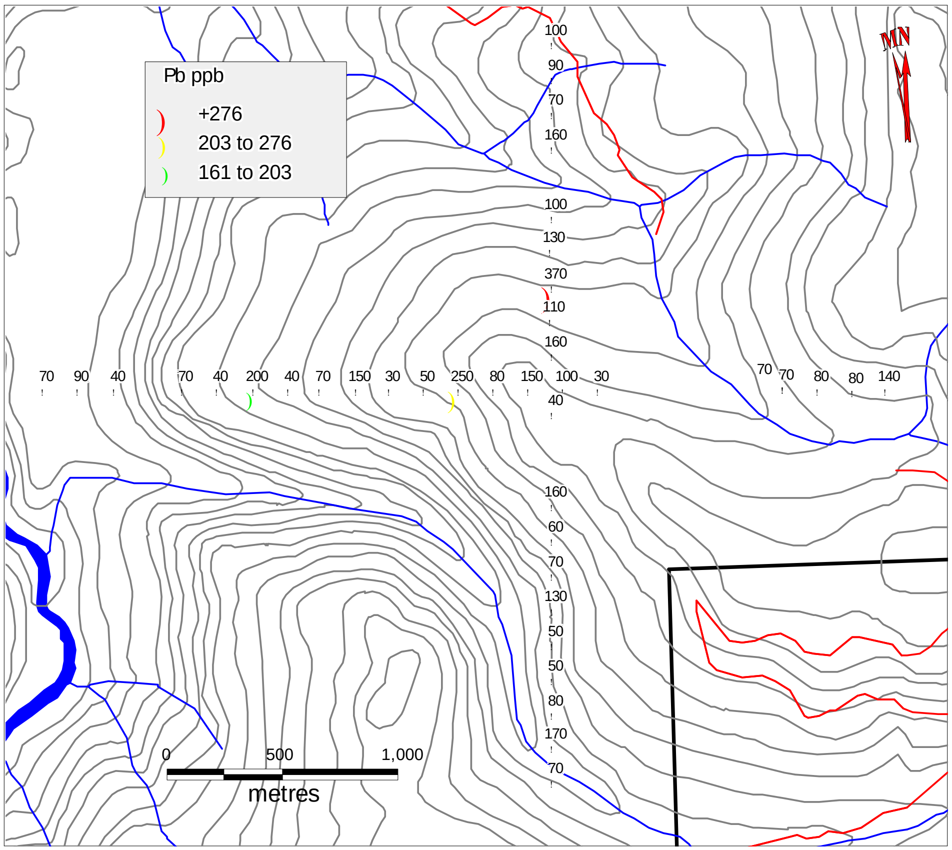
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
MMI ppb Ag
Figure 6c



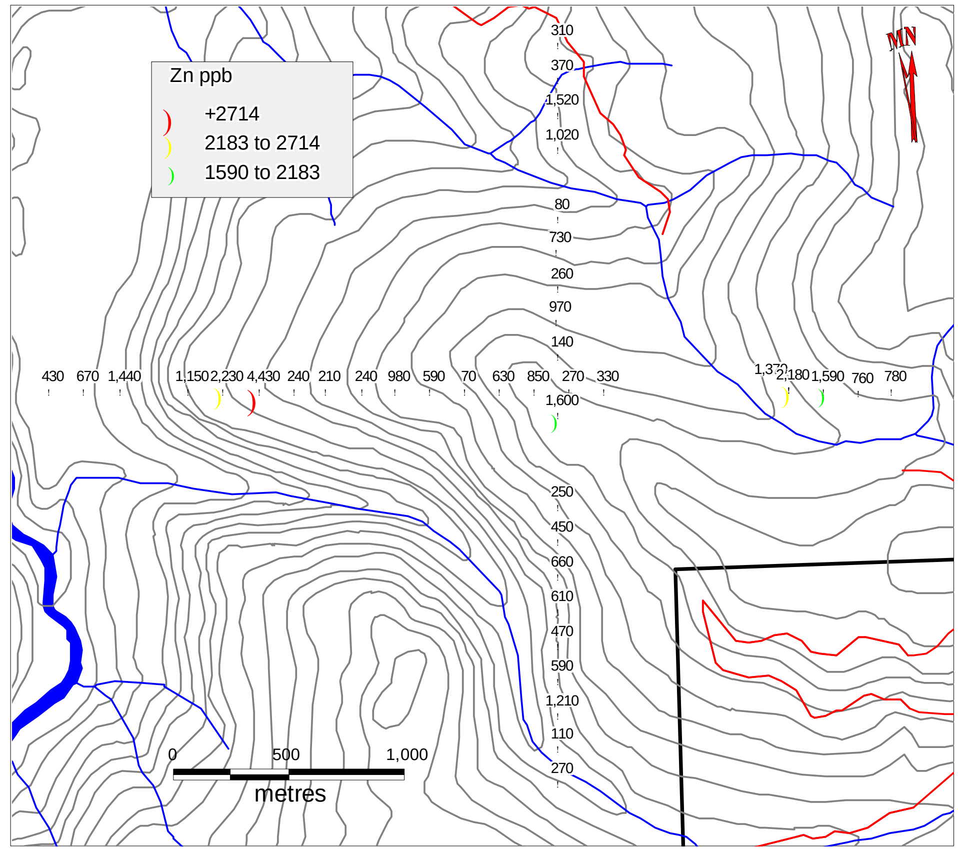
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
MMI ppb Au
Figure 6d



Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
MMI ppb Pb
Figure 6e



Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
MMI ppb Zn
Figure 6f

EXPLORATION

The only survey completed over the Placer Creek Project was an MMI geochemical soil survey. MMI was utilized over conventional geochemistry as it has been proven to see deeper mineralization, including that masked by barren overlying rock units.

Mobile Metal Ion (MMI) technology is a relatively new geochemical process. It is based on the widely held belief that mobile metal ions are transported from deeply buried ore bodies to the surface. These mobile metal ions move into the weathering zone and become weakly or loosely attached to surface soil particles.

The theory on MMI technology (taken from the MMI website www.mmigeochem.com) is summarized below:

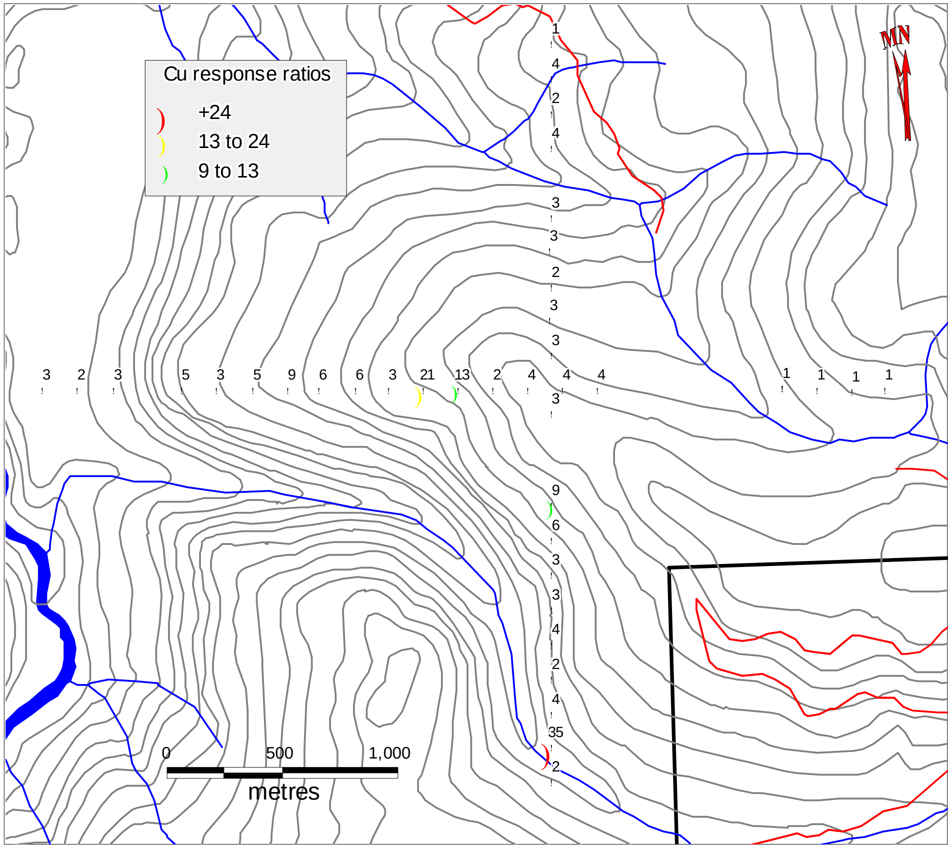
Mobile Metal Ions is a term used to describe ions which have moved in the weathering zone and that are only weakly or loosely attached to surface soil particles. It has now been proven in a CAMIRO study using Pb isotopes that these Mobile Metal Ions are transported from deeply-buried ore bodies to the surface. Scientists from around the world have been studying this phenomenon for many years.

Convection, electrochemistry, diffusion, capillary rise and seismic pumping are some of the theories which have been put forward. However, research and case studies over known ore-bodies have shown that mobile metal ions accumulate in surface soils above mineralization, indicating that the metals are derived from oxidation of the mineralization source. Capillary rise is thought to be a very important process in the near surface environment which is responsible for maintenance of anomalies and dictates depth for sampling. The hypothetical model suggests mobile ions are released from ore bodies, migrate vertically and accumulate in surface soils.

As the ions reach the surface, they attach themselves weakly to the soil particles. These are the ions that are measured by the MMI Technique to find mineralization at depths. The weakly attached ions are at very low concentrations. Because the ions have recently arrived to the surface they provide a precise 'signal' on where the ore-bodies are.

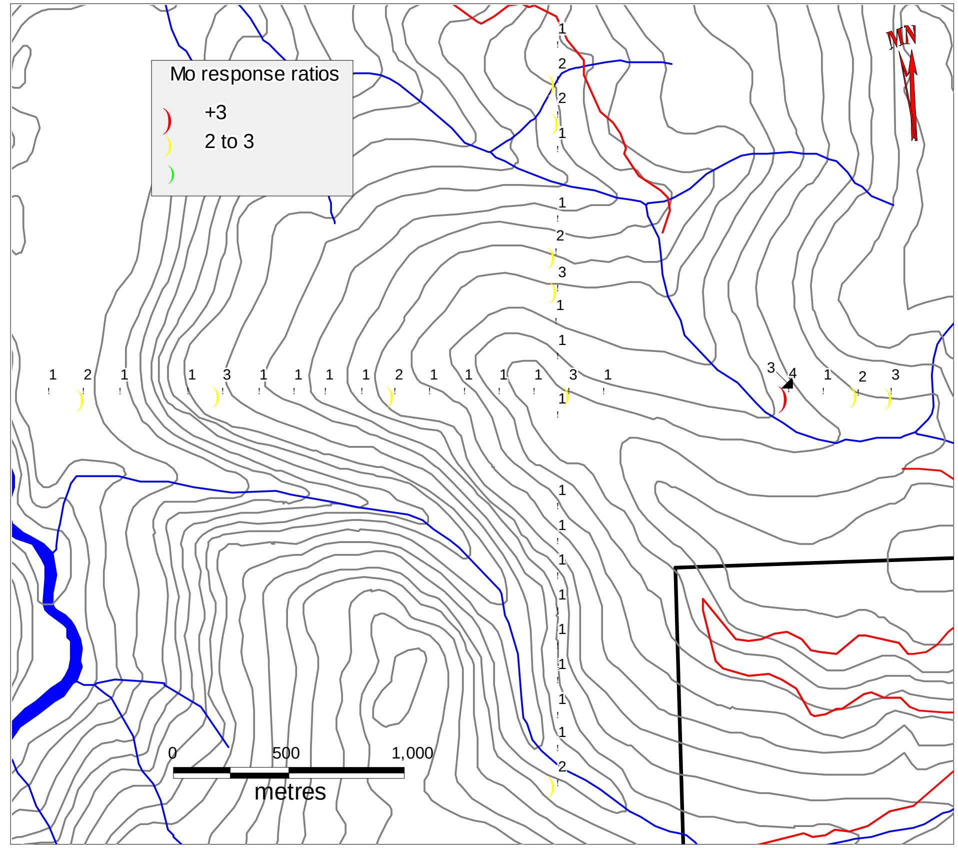
When the mobile metal ions have arrived at the surface they have a limited lifetime as 'mobile' ions. At the surface the ions are subject to weathering and are bound up by soil forming processes (i.e. they become part of the soil). Bound ions are subject to lateral movement away from the mineralization. Mobile ions, however, do not move away from the source (mineralization) because they have a limited lifetime before they are converted to a bound form.

By only measuring the mobile metal ions in the surface soils, MMI Geochemistry will produce very sharp responses (anomalies) directly over the source of mobile ions. This source is ore-bodies at depth, which emit metal ions, which make up that ore-body. For example a Cu, Pb, Zn base metal deposit will emit (release) Cu, Pb and Zn ions.



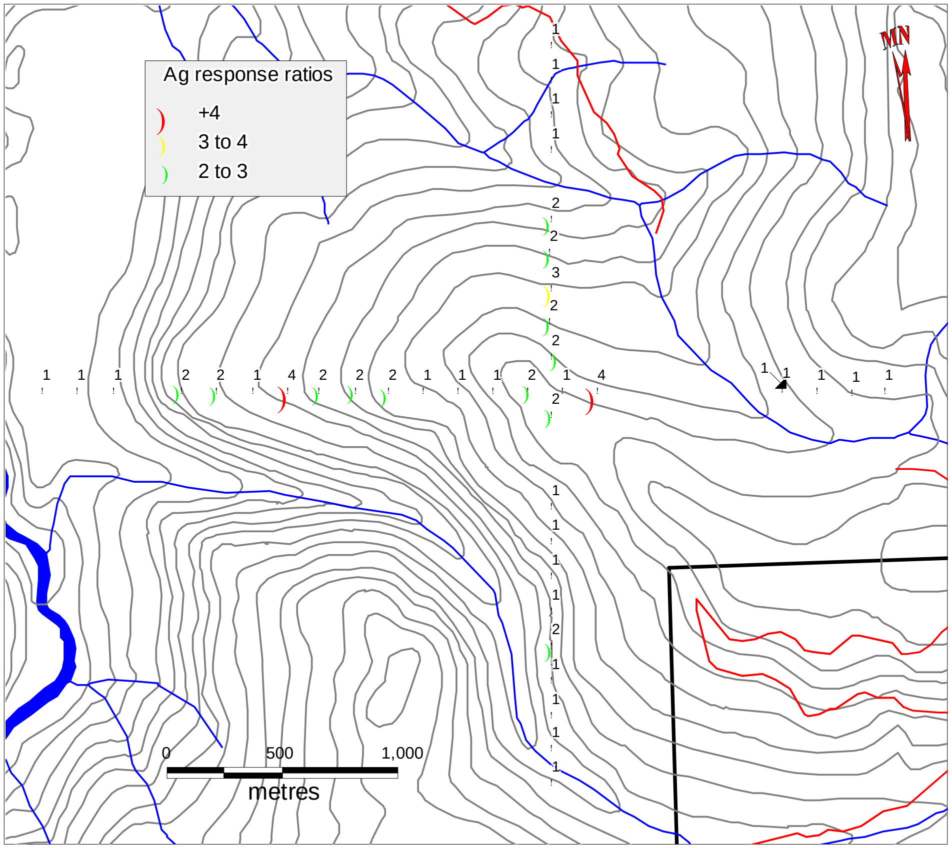
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
Response Ratios ppb Cu
Figure 7a



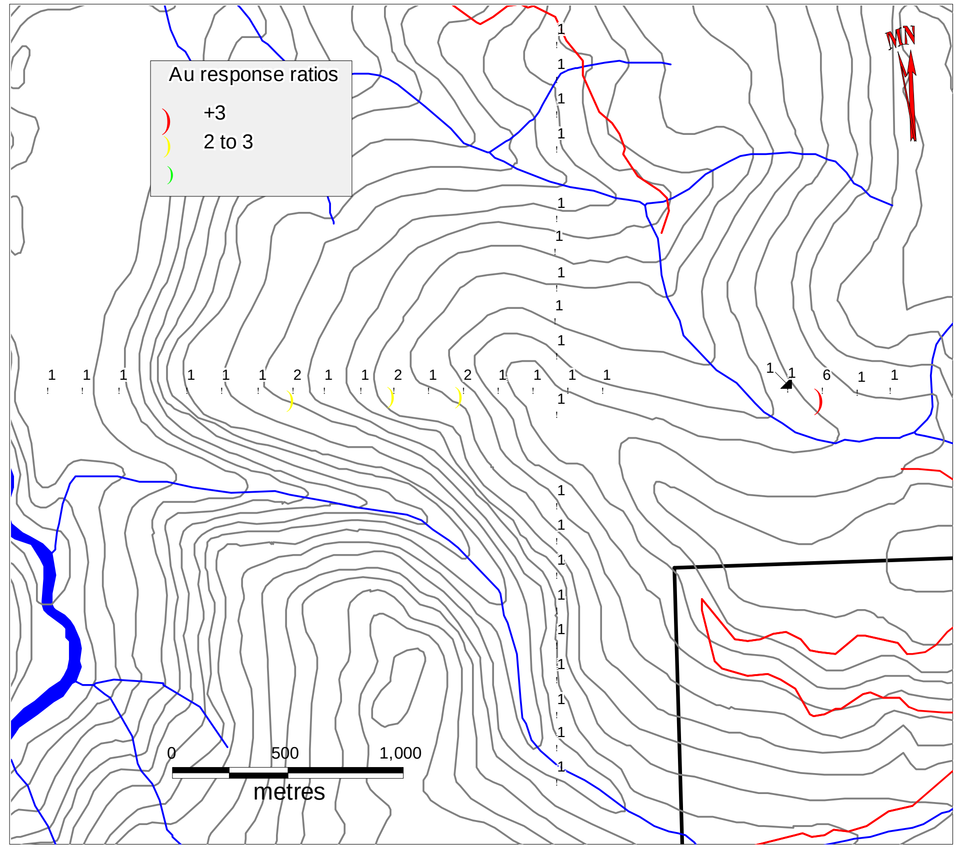
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
Response Ratios ppb Mo
Figure 7b



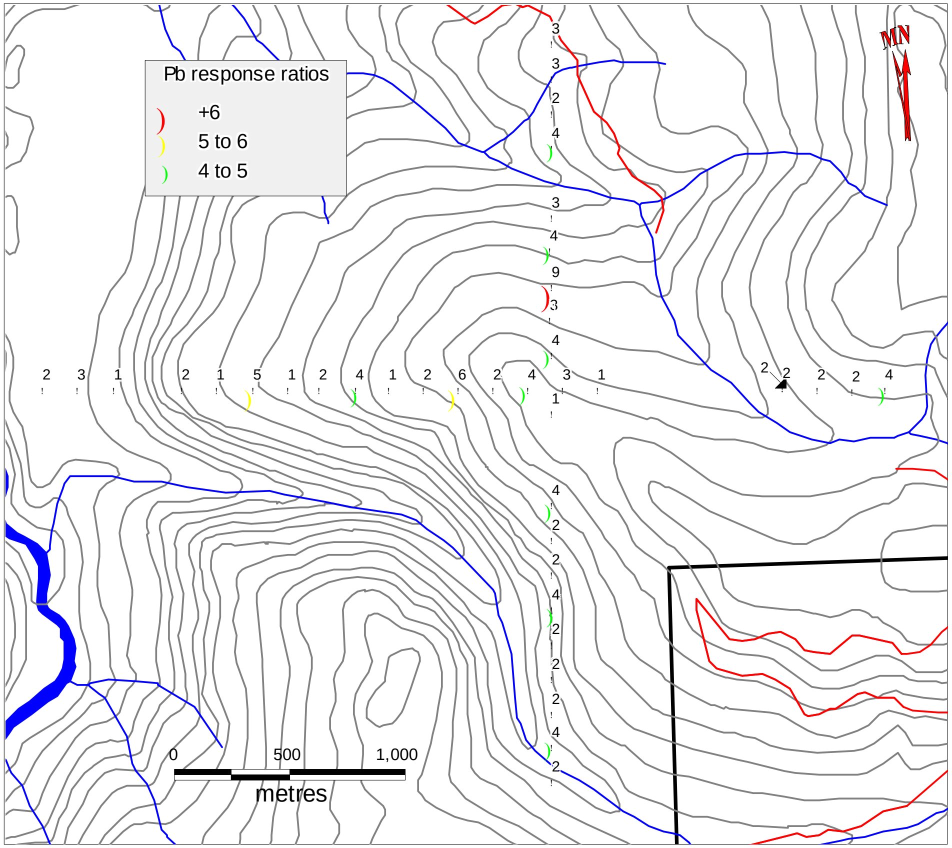
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
Response Ratios ppb Ag
Figure 7c



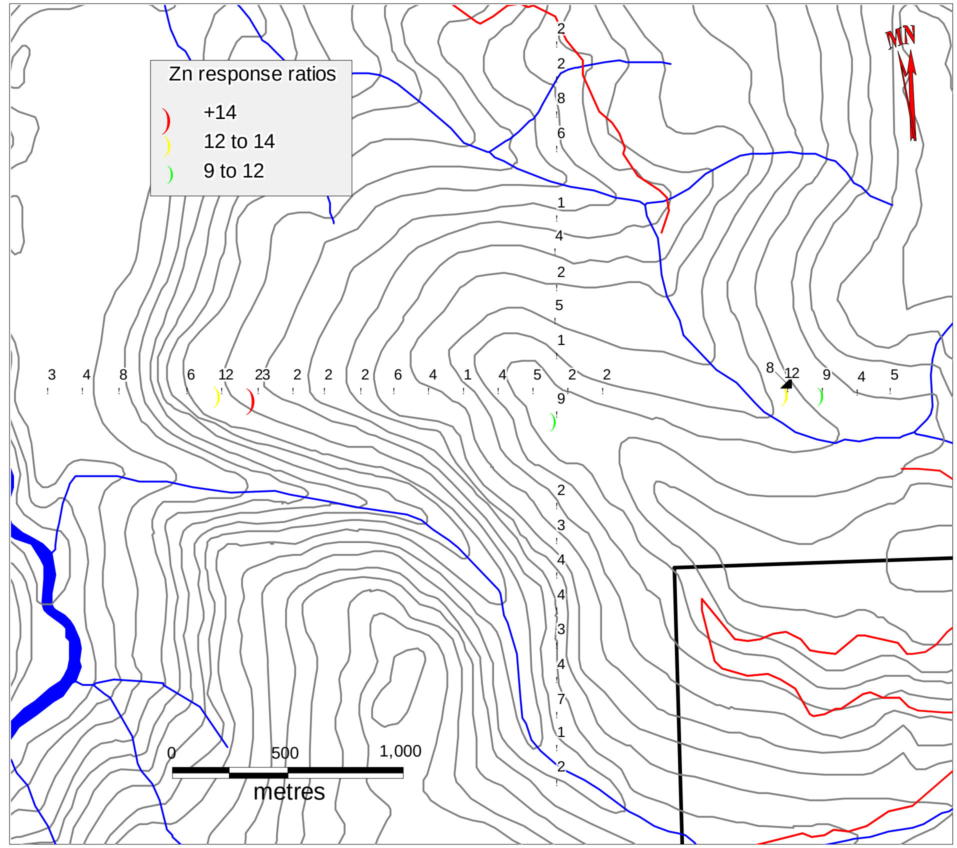
Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
Response Ratios ppb Au
Figure 7d



Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
Response Ratios ppb Pb
Figure 7e



Projection UTM NAD 83 Zone 10

PLACER CREEK PROJECT
Response Ratios ppb Zn
Figure 7f

The 2008 MMI soil geochemical survey consisted of a reconnaissance north-south line and a reconnaissance east-west line across the property. The north-south line is 3200 metres and the east-west line is 3600 metre, though a number of consecutive samples were not taken on the eastern portion of the east-west line due to a series of steep cliffs.

A total of 40 samples were taken at 150 metre sample intervals along each of the two lines. All 40 samples were taken from a consistent depth of 10 to 25 centimetres below the organics / inorganic interface. All samples were analyzed for the MMI-M multi element suite.

Bubble plots were completed for copper, molybdenum, silver, gold, lead and zinc (Figure 6a through 6f) utilizing the 75th, 90th, 95th and 98th percentiles. The copper, molybdenum, gold and zinc plots show considerable scatter across the lines. The silver and lead appear to be coincident over the north-central portion of the north-south line (900 lineal metres) and also over the west-central portion of the east-west line (1500 lineal metres).

Table 2: Geochemical Statistics for ppb data and Response Ratio data

Percentile	ppb Cu	ppb Mo	ppb Ag	ppb Au	ppb Pb	ppb Zn	RR Cu	RR Mo	RR Ag	RR Au	RR Pb	RR Zn
25th	280	2.5	8.8	0.1	68	270	2.0	1.0	1.0	1.0	2.0	2.0
50th	450	2.5	14.5	0.1	80	620	3.0	1.0	1.0	1.0	2.0	4.0
75th	705	5.3	23.3	0.1	133	1053	4.3	2.0	2.0	1.0	4.0	6.0
90th	1485	10.0	30.5	0.1	161	1591	9.0	3.0	2.0	1.1	4.0	9.0
95th	2269	11.0	46.7	0.1	203	2183	13.4	3.0	3.0	2.0	5.1	12.0
98th	4096	11.7	62.4	0.1	276	2714	24.1	3.2	4.0	3.0	6.7	14.4
Maximum	5960	14.0	71.0	0.3	370	4430	35.0	4.0	4.0	6.0	9.0	23.0

The MMI Technology manual strongly recommends that Response Ratios be calculated for each element to facilitate interpretation. Response ratios were calculated and plotted for each of the 6 elements: Cu, Mo, Ag, Au, Pb and Zn (Figures 7a through 7f). Response ratios are calculated for each individual element as follows:

- the lowest 25% of the data for all samples in the survey area is determined
- all values less than the detection limit are included and a values of ½ the detection limit is assigned
- the average of the lowest quartile (25%) is calculated to determine the background value
- the response ratio is then calculated by dividing each sample value by the background value for that element. The numbers are then rounded to give whole numbers greater than or equal to 1
- samples with response ratios of 2 or less are considered background, while samples with response ratios greater than 5 are considered anomalous.

The benefits behind response ratios as the main interpretive method for analyzing MMI data is summarized below:

- Reduce the effects of dissolution variables during extraction, for example time and temperature;
- Allow the splicing of different data batches or data from varying regolith situations;
- Reduce the effects of sampling in different regolith units; and
- Facilitate multi-element data presentations for interpretation.

The Response Ratios for each of the six elements are shown in Table 2, with the corresponding Response Ratio plots shown in Figures 7a through 7f. The Response Ratios define the coincident silver-lead anomaly, but do not aid in the interpretation of the copper, molybdenum, gold and zinc plots.

DRILLING

There is no record of diamond drilling on the Placer Creek property.

SAMPLING METHOD AND APPROACH

The only survey completed over the Placer Creek project was an MMI survey. The heart of the Placer Creek claims is underlain the prospective Nicola sediments and volcanics. MMI was chosen because it has the ability to see through deeper cover than conventional soil geochemistry.

Mobile Metal Ion (MMI) technology is a relatively new geochemical process. It is based on the widely held belief that mobile metal ions are transported from deeply buried ore bodies to the surface. These mobile metal ions move into the weathering zone and become weakly or loosely attached to surface soil particles.

This MMI technology has its roots in Australia in the early 1990's where MMI was proven successful in locating buried mineralization in laterite weathering zones. The MMI technique has resulted from an initial series of 13 case studies where the following attributes were documented (MMI Manual Version 5.04):

- Constrained, precise anomalies, vertically above oxidizing mineralization and occasionally at up-dip projection positions on the surface;
- Commodity elements respond reducing the need for pathfinders;
- The anomalies can precisely target mineralization at significant depths;
- The incidence of false anomalies is very low in comparison to conventional geochemistry;
- Surface soil anomalies are repeatable and persist over time; and
- Anomalies have a better signal to noise ratio related to mineralization in a much wider range of regolith units when compared with conventional techniques.

The sampling procedure for the MMI grid soil sampling is as follows. The north south and east west lines were flagged and sampled at 150 metre intervals along the line. The MMI case studies have shown that care must be taken in the collection of the samples. All samples were taken at a consistent depth, 10 to 25 centimetres below the organic / inorganic (or true soil) interface. Each sample comprised a minimum of 250 grams and was placed in a 90 by 150 millimetre snap seal (Ziploc) bag. A sequentially number assay ticket was also placed in the corresponding bag. The location was marked as a waypoint, stored in the memory of Garmin 60 or Garmin 76 GPS unit. The waypoint coordinates and assay ticket numbers were also recorded in a field notebook at the corresponding sample location as back-up. Details on soil color and proximal rock outcrop were also recorded in the field notes. The GPS data was downloaded daily into an excel spreadsheet. The corresponding sample number and the soil color and proximal outcrop were also entered.

The author is not aware of any sampling factors that could materially impact the accuracy and reliability of the MMI soil sample results. This is the initial survey and a 150 metre sample spacing along the crossing north south and east west lines is adequate for an initial evaluation of a porphyry Cu-Mo target and is therefore considered representative. There is no chance of bias as sample medium is soil at regular intervals along sample lines.

Bedrock mineralization has not yet been encountered on the Placer Creek property. This was a preliminary exploration program focused on locating soil geochemical anomalies for follow up.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

All MMI soil samples were taken and immediately placed in sealed sample bags. A pre-numbered assay ticket was placed in each Ziploc sample bag, with the corresponding part of the ticket filled out with date, time and location. Flagging was used to mark the field sample locations. A fix of the position was obtained by a Garmin 60 or Garmin 76 Global Positioning System unit set to record NAD 83 coordinates for the MMI soil samples.

The sampling was completed by Jaynes Contracting of Naramata, British Columbia under the supervision of R. Tim Henneberry, P.Geo. The samples were packaged and delivered directly to the Bus Depot by Jaynes Contracting personnel for shipment to SGS Minerals in Toronto, Ontario.

The MMI Process uses leachant solutions which have been specially developed to selectively 'release' the adsorbed ions from the soil material. The aim of the selective leaching is to remove metals which are loosely bound on the surface of particles within existing soil profiles, without attacking or influencing the natural mineralization of the soil or specific substrates. Using sensitive ICPMS instrumentation, the MMI Process is able to detect Mobile Metal Ions in digest solutions at sub-parts per billion level. SGS Mineral Services in Toronto, Ontario is the only Canadian lab licensed to undertake Mobile Metal Ion Analysis. SGS Mineral Services is ISO/IEC 17025:2005 certified by the Standards Council of Canada.

DATA VERIFICATION

The quality control measures for the 2008 MMI soil geochemistry survey on the Placer Creek property consisted of duplicate samples and SGS Minerals initiated rechecks and standards through the sample stream. One duplicate sample was taken during the survey by Jaynes Contracting personnel (Table 3). The duplication between for the various elements for this sample is good. SGS Minerals Services completed recheck or duplicate analyses on 6 samples as shown in Table 3. The duplicates show good reproducibility. SGS Minerals Services also completed analysis on their standards and blanks (Table 3). Again there is good reproducibility in both the standard and blank.

Table 3: Placer Creek Duplicate and Standard Samples

SGS Mineral Services Duplicates

	all elements in ppb							all elements in ppb					
Sample	**Ag**	**Au**	**Cu**	**Mo**	**Pb**	**Zn**	**Duplicate**	**Ag**	**Au**	**Cu**	**Mo**	**Pb**	**Zn**
200232	30	<0.1	570	<5	50	470	200232	31	<0.1	590	<5	50	430
200530	8	<0.1	560	5	90	370	200530	7	<0.1	470	5	90	420
200599	18	<0.1	580	10	100	270	200599	19	<0.1	590	9	90	230
200686	71	0.1	1480	<5	40	240	200686	60	0.1	1590	<5	50	330

SGS Mineral Services Standards and Blanks

	all elements in ppb							all elements in ppb					
Sample	**Ag**	**Au**	**Cu**	**Mo**	**Pb**	**Zn**	**Duplicate**	**Ag**	**Au**	**Cu**	**Mo**	**Pb**	**Zn**
MMISRM16	18	28	580	48	110	210	BLANK	<1	<0.1	<10	<5	<10	<20
MMISRM16	18	27.9	570	49	120	220	BLANK	<1	<0.1	<10	<5	<10	<20
MMISRM16	23	34.5	600	49	90	230	BLANK	<1	<0.1	<10	<5	<10	<20
MMISRM16	23	35.6	600	52	90	230	BLANK	<1	<0.1	<10	<5	<10	<20

Wilson Duplicates

	all elements in ppb							all elements in ppb					
Sample	**Ag**	**Au**	**Cu**	**Mo**	**Pb**	**Zn**	**Duplicate**	**Ag**	**Au**	**Cu**	**Mo**	**Pb**	**Zn**
200240	10	<0.1	110	14	70	2180	200241	14	<0.1	120	11	70	1370

The author feels there were sufficient quality control measures for the 2008 program and therefore feels confidence in the assay results.

ADJACENT PROPERTIES

This report is not relying on information from adjacent properties.

MINERAL PROCESSING AND METALLURGICAL TESTING

There has been no mineral processing or metallurgical testing undertaken on the Placer Creek property.

MINERAL RESOURCES AND MINERAL RESERVE ESTIMATES

There are presently no mineral reserves or mineral resources on the Placer Creek property.

OTHER RELEVANT DATA AND INFORMATION

There is no additional relevant data or information known that is not disclosed on the Placer Creek property.

INTERPRETATION AND CONCLUSIONS

The Placer Creek property lies within an area of high geological potential in the Princeton area. The claims overlie Triassic Nicola Group sediments and volcanics in the general vicinity of Jurassic to Cretaceous intrusive rocks, a setting for porphyry copper deposits. Further, the presence of auriferous shear hosted vein mineralization on the western section of the property suggests the possibility of shear hosted gold.

Reconnaissance MMI soil geochemistry found considerable scatter along the cross-cutting north-south and east-west lines. However, silver and lead appear to be coincident over the north-central portion of the north-south line (900 lineal metres) and also over the west-central portion of the east-west line (1500 lineal metres).

Further exploration is very much warranted on the Placer Creek property. The first step is to establish a 150 metre by 150 metre grid to expand the silver-lead anomaly. An area 2100 metres by 2100 metres, bisecting the east-west line and centred largely to the west of the north-south line should be sampled at 150 metre by 150 metre spacings.

Prospecting and sampling should also be undertaken in the area of the old Silver Moon showing to evaluate and trace the auriferous shear hosted veins.

RECOMMENDATIONS

The reconnaissance MMI soil geochemistry survey completed over the Placer Creek property was successful in identifying a significant silver-lead anomaly that requires follow-up.

A 2100 metre by 2100 metre grid should be established over the anomaly in an effort to further define and expand the anomaly. The north south lines will be spaced at 150 metre intervals and the sample stations will be established at 150 metre intervals along the lines. The property and grid area will also be mapped and prospected, including the old Silver Moon showing.

Further exploration will be dictated by the results of the MMI survey. The cost of the 2100 metre by 2100 metre grid is estimated at $52,000.

The cost of the July and September 2008 MMI survey was $12,469.77.

REFERENCES

www.em.gov.bc.ca/Mining/Geolsurv/Minfile/default.htm. The British Columbia Ministry of Energy and Mines Minfile website provided a geological summary on the 092HSE map sheet.

www.em.gov.bc.ca/Mining/Geolsurv/MapPlace/default.htm. The British Columbia Ministry of Energy and Mines MapPlace website provided the regional geological map and legend.

www.mmigeochem.com. The Mobile Metal Ion Technology Website. The applicable case studies are:

- CS-05 – Base Metal Exploration in Manitoba, Canada
- CS-06 – MMI at the San Jorge Porphyry Copper Deposit, Mendoza Province, Argentina
- CS-36 – MMI Geochemistry, Jacks Pond, Buchans District, Newfoundland

Diakow, G. (2007). Prospecting Report on the AU 2 Claims, Princeton Area, Similkameen Mining Division, BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 29518.

Larson, H.A. (1972). Geophysical Report on Magnetic and VLF-EM Surveys, EE & Ram Claim Groups, Belgie Creek Area, Similkameen Mining Division, BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 03597.

MMI Manual for Mobile Metal Ion Geochemical Soil Surveys. Version 5.04. Wamtech Pty. Ltd. 2004. Found at www.mmigeochem.com.

Panteleyev, A. (1995): Porphyry Cu+/-Mo+/-Au, in Selected British Columbia Mineral Deposit Profiles, Volume 1 - Metallics and Coal, Lefebure, D.V. and Ray, G.E., Editors, British Columbia Ministry of Energy of Employment and Investment, Open File 1995-20, pages 87-92.

Ramani, S.V. (1974). Geological Report on the Holt and Davis Claims for Cascadia Resources Ltd, BC Ministry of Energy, Mines and Petroleum Resources Assessment Report 04986.

STATEMENT OF COSTS

PLACER CREEK STATEMENT OF COSTS JULY 29 TO JULY 30; SEPTEMBER 22 TO 29, 2008

Field Crew and Days

Brian Johnson	Jul 29,30 - 2 days
Justin Pierre	Jul 29,30 - 2 days
Rob Barinecutt	Jul 29,30 - 2 days
Kenny Richter	Sep 22,26,29 - 3 days
Ken Richter	Sep 26,29 - 2 days
Rebecca Hoodikoff	Sep 22,26,29 - 3 days
Darby Kirby	Sep 26 - 1 day

Documentation

Tim Henneberry	Jul 14; Aug 15,26; Sep 7,12; Oct 9; Nov 23,28,29,30; Dec 1
Angie Stanta	Nov 24,25

Brian Johnson	2	days	@	$400	/day	$800.00
Justin Pierre	2	days	@	$400	/day	$800.00
Rob Barinecutt	2	days	@	$400	/day	$800.00
Truck Rental	2	days	@	$100	/day	$200.00
Truck kilometres	1084	km	@	$0.35	/km	$379.40
Fuel						$292.83
Accommodation						$271.20
Meals						$274.43
Hand held radio rental						$34.29
Kenny Richter	3	days	@	$400	/day	$1,200.00
Ken Richter	2	days	@	$400	/day	$800.00
Rebecca Hoodikoff	3	days	@	$400	/day	$1,200.00
Darby Kirby	1	days	@	$400	/day	$400.00
Truck Rental	3	days	@	$50	/day	$150.00
Quad Rental	2	days	@	$55	/day	$110.00
Truck kilometres	395.5	km	@	$0.50	/km	$197.75
Fuel						$81.17
Accommodation						$385.20
Meals						$450.00
Analysis						$1,543.50
Sample shipments						
Documentation						
Tim Henneberry	28	hours	@	$75	/hour	$2,100.00
Angie Stanta	3	hours	@	$50	/hour	$150.00
Assessment Credit Subtotal						**$12,469.77**

COST ESTIMATES

PLACER CREEK PROJECT

PRELIMINARY BUDGET FOR 2009 EXPORATION SEASON

Mapping, prospecting, MMI survey 10 days

Multi-element anomaly

Establish grid over north south line anomaly

14 lines of 2100 metres at 150 metre intervals along each of the lines

15 samples per line by 14 lines = 210 samples

210 samples /8 samples per man day = 26 man days

One day travel at each end, one rain days

Geologist	9	days	@	$	500	/day	$	4,500
Prospector	9	days	@	$	400	/day	$	3,600
Lead Hand	9	days	@	$	500	/day	$	4,500
Assistant	9	days	@	$	400	/day	$	3,600
Assistant	9	days	@	$	400	/day	$	3,600
Assistant	9	days	@	$	400	/day	$	3,600
Room & Board	54	days	@	$	100	/day	$	5,400
Vehicle + Fuel	18	days	@	$	150	/day	$	2,700
Vehicle km's	3000	kms	@	$	0.5	/km	$	1,500
Analysis - rock	25	sample	@	$	35	/sample	$	875
Analysis - soil	210	sample	@	$	35	/sample	$	7,350
Analysis - standards	10	sample	@	$	35	/sample	$	350
Travel							$	200
Sundries							$	250
Contingency							$	4,975
Report							$	5,000
Mapping, prospecting, MMI survey							**$**	**52,000**

CERTIFICATE

I, R.Tim Henneberry, P.Geo. do hereby certify that: I am the Qualified Person for:

Mr. Sydney Wilson
4766 West 4th Avenue
Vancouver, B.C. V6T 1C2

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May 1980.

I am registered with the Association of Professional Engineers and Geoscientists in the Province of British Columbia as a Professional Geoscientist.

I have practiced my profession continuously for 28 years since graduation.

I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101. My relevant experience for the purpose of this Technical Report is:

- 28 years of exploration experience for base and precious metals in the Canadian Cordillera

I am responsible for the preparation of the technical report titled "Geological Report Placer Creek Project" and dated December 1, 2008, relating to the Placer Creek property. I supervised and directed the exploration programs described in this report on behalf of Mr. Sydney Wilson. I have not yet visited the Placer Creek property.

I have not had prior involvement with the property that is the subject of the Technical Report.

As of December 1, 2008, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

I am independent of the issuer after applying all of the tests in section 1.4 of NI 43-101.

I have read NI 43-101 and Form 43-101F, and the Technical Report has been prepared in compliance with that instrument and form.

I consent to the public filing of the Technical Report with the British Columbia Ministry of Energy and Mines in support of assessment work requirements.

I make this report effective as of the 1st day of December, 2008.

"signed and sealed"

____
R.Tim Henneberry, P.Geo

APPENDIX 1. MMI Soil Sample Locations (UTM NAD83 Zone 10)

Sample No	83Z10E	83Z10N	Color	O/C	No sample	Ag ppb	Ag RR	Au ppb	Au RR	Cu ppb	Cu RR	Mo ppb	Mo RR	Pb ppb	Pb RR	Zn ppb	Zn RR
200228	680700	5450600	light brown	y		3	1	<0.1	1	1530	9	<5	1	160	4	250	2
200229	680700	5450450	grey brown	n		18	1	<0.1	1	910	6	<5	1	60	2	450	3
200230	680700	5450300	light brown	y		10	1	<0.1	1	400	3	<5	1	70	2	660	4
200231	680700	5450150	light brown	n		16	1	<0.1	1	450	3	<5	1	130	4	610	4
200232	680700	5450000	light brown	y		30	2	<0.1	1	570	4	<5	1	50	2	470	3
200233	680700	5449850	brown	y		12	1	<0.1	1	280	2	<5	1	50	2	590	4
200234	680700	5449700	brown	y		8	1	<0.1	1	610	4	<5	1	80	2	1210	7
200235	680700	5449550	light brown	y		10	1	<0.1	1	5960	35	<5	1	170	4	110	1
200236	680700	5449400	light brown	n		10	1	<0.1	1	240	2	5	2	70	2	270	2
200237	682002	5451095	grey brown	n		7	1	<0.1	1	100	1	6	2	80	2	760	4
200238	682150	5451100	tan	n		4	1	<0.1	1	120	1	11	3	140	4	780	5
200239	681850	5451100	light brown	n		5	1	0.3	6	120	1	<5	1	80	2	1590	9
200240	681699	5451106	grey brown	y		10	1	<0.1	1	110	1	14	4	70	2	2180	12
200241	681699	5451106	grey brown	y		14	1	<0.1	1	120	1	11	3	70	2	1370	8
200529	680700	5452600	light brown	n		9	1	<0.1	1	100	1	<5	1	100	3	310	2
200530	680700	5452450	grey brown	n		8	1	<0.1	1	560	4	5	2	90	3	370	2
200531	680700	5452300	grey brown	n		16	1	<0.1	1	190	2	6	2	70	2	1520	8
200532	680700	5452150	light brown	y		10	1	<0.1	1	520	4	<5	1	160	4	1020	6
200533				n	swampy												
200534				y	outcrop												
200535	678803	5451098	light brown	y		15	1	<0.1	1	430	3	<5	1	40	1	1440	8
200536	678650	5451104	light brown	y		12	1	<0.1	1	240	2	5	2	90	3	670	4
200537	678499	5451103	light brown	n		5	1	<0.1	1	400	3	<5	1	70	2	430	3
200584	680703	5451850	light brown	n		22	2	<0.1	1	490	3	<5	1	100	3	80	1
200585	680697	5451705	light brown	n		35	2	<0.1	1	450	3	6	2	130	4	730	4
200586	680700	5451548	golden brown	n		46	3	<0.1	1	280	2	10	3	370	9	260	2
200587	680695	5451399	light brown	n		30	2	<0.1	1	460	3	<5	1	110	3	970	5
200588	680701	5451253	brown	n		24	2	<0.1	1	430	3	<5	1	160	4	140	1
200589	680699	5451000	brown	y		19	2	<0.1	1	370	3	<5	1	40	1	1600	9
200590				y	cliffs												
200591				y	cliffs												
200592				y	cliffs												

200593				y	cliffs												
200594				y	cliffs												
200595				y	cliffs												
200596				y													
200597	680450	5451100	dark brown	n		12	1	<0.1	1	300	2	<5	1	80	2	630	4
200598	680603	5451100	brown	n		21	2	<0.1	1	690	4	<5	1	150	4	850	5
200599	680750	5451100	brown	n		18	1	<0.1	1	580	4	10	3	100	3	270	2
200600	680899	5451104	brown	y		60	4	<0.1	1	560	4	<5	1	30	1	330	2
200683	679098	5451104	grey	y		28	2	<0.1	1	760	5	<5	1	70	2	1150	6
200684	679249	5451100	grey	y		23	2	<0.1	1	390	3	9	3	40	1	2230	12
200685	679408	5451104	medium brown	y		4	1	<0.1	1	750	5	<5	1	200	5	4430	23
200686	679556	5451103	tan	y		71	4	0.1	2	1480	9	<5	1	40	1	240	2
200687	679695	5451102	tan	y		20	2	<0.1	1	910	6	<5	1	70	2	210	2
200688	679851	5451098	tan	y		26	2	<0.1	1	890	6	<5	1	150	4	240	2
200689	679999	5451098	tan	y		26	2	0.1	2	350	3	6	2	30	1	980	6
200690	680150	5451100	golden brown	y		3	1	<0.1	1	3570	21	<5	1	50	2	590	4
200691	680300	5451100	golden brown	y		7	1	0.1	2	2200	13	<5	1	250	6	70	1

Certificate of Analysis

Work Order: TO103803

To: COD SGS Minerals
Attn:
2862 Valley View Road
Val Caron
Quebec P3N 1R2

Date: Oct 28, 2008

P.O. No.	:	Mammoth Geolo;PO:Princeton(Asp&Placer)
Project No.	:	DEFAULT
No. Of Samples	:	82
Date Submitted	:	Oct 09, 2008
Report Comprises	:	Pages 1 to 16 (Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 82 Soils

Certified By : ______________________
Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

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

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
200628	16	144	10	0.1	910	<1	130	10	239	36
*Rep 200628	16	142	10	0.1	1000	<1	110	9	225	38
200629	20	155	<10	0.1	1100	<1	160	6	202	26
200630	9	111	<10	<0.1	1910	<1	240	10	174	27
200631	25	33	<10	<0.1	5230	<1	630	9	164	16
200632	5	160	10	<0.1	1600	<1	80	4	461	44
200633	29	72	<10	<0.1	1670	<1	480	8	222	12
200634	9	93	10	<0.1	1530	<1	260	9	165	9
200635	16	88	<10	<0.1	1780	<1	370	5	152	11
200636	19	68	20	0.1	1800	<1	420	4	214	19
200637	20	86	<10	<0.1	1450	<1	190	5	238	18
200638	13	137	10	<0.1	1080	<1	150	6	167	23
200639	19	97	<10	<0.1	1740	<1	200	7	294	10
200640	10	102	<10	<0.1	1340	<1	190	7	178	11
*Rep 200640	11	103	<10	<0.1	1540	<1	200	8	175	12
200641	8	78	<10	<0.1	4300	<1	510	16	1080	7
200642	17	52	<10	<0.1	5240	<1	560	8	289	7
200643	15	51	<10	<0.1	1610	<1	400	14	650	18
200644	15	50	<10	<0.1	1500	<1	420	17	660	17
200679	<1	166	<10	<0.1	1240	<1	410	30	151	335
200680	8	157	<10	<0.1	660	<1	400	13	641	111
200681	7	79	<10	<0.1	980	<1	480	10	461	13
200682	12	31	<10	<0.1	560	<1	600	15	120	10
200683	28	13	<10	<0.1	1070	<1	800	43	174	120
200684	23	38	30	<0.1	1200	<1	640	187	72	18
200685	4	83	10	<0.1	1260	<1	620	321	128	19
200686	71	67	<10	0.1	630	<1	490	50	127	31
*Rep 200686	60	74	<10	0.1	660	<1	580	59	111	36
200687	20	89	<10	<0.1	280	<1	190	13	256	54
200688	26	159	<10	<0.1	620	<1	140	34	400	61
200689	26	30	<10	0.1	1160	<1	610	54	146	52
200690	3	222	<10	<0.1	440	<1	40	7	107	128
200691	7	117	<10	0.1	980	<1	180	7	371	23
200692	8	49	<10	<0.1	600	<1	520	21	129	15
200693	18	68	10	<0.1	630	<1	550	10	94	15
200694	28	17	<10	<0.1	830	<1	930	7	20	13
200695	8	141	10	<0.1	950	<1	270	7	256	83
200696	9	65	<10	<0.1	490	<1	480	29	112	11
200697	39	105	<10	<0.1	1650	<1	490	16	176	13
200698	8	154	10	<0.1	860	<1	160	9	147	23
*Rep 200698	9	150	10	<0.1	790	<1	150	10	156	26
200699	11	81	<10	<0.1	1640	<1	460	15	171	22
200327	11	42	<10	<0.1	940	<1	440	13	133	17

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
200328	19	63	10	<0.1	1190	<1	270	4	282	17
200329	21	72	<10	<0.1	1110	<1	370	7	147	20
200330	35	32	<10	<0.1	4230	<1	540	28	252	10
200331	9	76	10	<0.1	1000	<1	410	8	376	26
200332	22	78	10	<0.1	1720	<1	260	8	310	16
200333	13	99	<10	<0.1	640	<1	410	9	123	33
200334	6	124	20	<0.1	1120	<1	190	6	306	17
200335	7	55	10	<0.1	880	<1	660	18	900	19
200336	15	88	10	<0.1	1470	<1	410	32	225	24
200337	15	95	<10	<0.1	1270	<1	230	8	322	14
*Rep 200337	14	96	<10	<0.1	1280	<1	230	9	345	15
200338	10	75	<10	<0.1	1570	<1	380	14	320	16
200339	10	93	<10	<0.1	1530	<1	250	8	315	12
200340	11	70	<10	<0.1	810	<1	460	10	457	18
200341	8	118	20	<0.1	1480	<1	180	7	415	24
200342	5	156	10	<0.1	1190	<1	150	17	201	28
200343	17	166	10	<0.1	1110	<1	150	10	302	17
200344	10	210	20	<0.1	1060	<1	80	10	232	53
200345	12	187	20	<0.1	1320	<1	160	7	247	23
200346	11	163	<10	<0.1	930	<1	150	5	184	71
200347	4	197	10	<0.1	1280	<1	190	14	209	47
200348	6	155	10	<0.1	1040	<1	230	11	266	35
200349	2	154	<10	<0.1	1320	<1	210	8	289	20
*Rep 200349	2	160	<10	<0.1	1480	<1	230	7	284	22
200350	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200394	25	109	10	<0.1	1200	<1	230	8	298	8
200395	34	44	<10	<0.1	1690	<1	410	9	142	11
200396	12	99	10	<0.1	1590	<1	500	21	511	25
200397	8	138	10	<0.1	1720	<1	230	13	166	45
200398	10	59	10	<0.1	1540	<1	490	11	390	16
200399	13	190	10	<0.1	2390	<1	130	7	456	59
200400	11	114	20	<0.1	850	<1	160	18	207	33
200479	14	121	<10	<0.1	1370	<1	230	20	250	13
200480	20	67	<10	<0.1	780	<1	540	40	81	6
200481	14	87	<10	<0.1	1030	<1	370	20	209	7
200482	14	91	<10	<0.1	3600	<1	380	6	244	15
*Rep 200482	15	90	<10	<0.1	3880	<1	330	6	224	14
200483	9	92	10	<0.1	2330	<1	260	18	783	15
200484	10	45	<10	<0.1	3080	<1	670	19	1140	101
200485	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200486	15	19	<10	<0.1	1230	<1	680	6	222	8
200487	8	10	<10	0.1	1020	<1	560	9	133	23
200488	13	43	<10	<0.1	1610	<1	540	22	214	9

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
200489	10	62	<10	<0.1	1510	<1	370	20	312	17
200490	8	184	<10	<0.1	1200	<1	100	39	148	13
200491	9	59	10	0.1	1650	<1	520	2	733	30
*Std MMISRM16	18	56	20	28.0	70	<1	220	4	27	59
*Std MMISRM16	18	56	20	27.9	100	<1	220	4	27	60
*Blk BLANK	<1	1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	1	<10	<0.1	<10	<1	<10	<1	<5	<5

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
200628	<100	180	27	13.1	6.9	77	33	75	<5	8
*Rep 200628	<100	190	27	13.8	7.1	82	33	69	<5	8
200629	<100	270	53	27.5	12.1	66	58	85	<5	27
200630	<100	290	26	12.2	7.2	65	31	66	<5	34
200631	<100	340	105	51.9	32.8	23	138	168	<5	90
200632	<100	220	44	21.2	11.2	76	51	124	<5	7
200633	<100	270	53	25.4	14.4	53	66	101	<5	70
200634	<100	110	16	7.6	4.4	37	21	47	<5	34
200635	<100	240	34	16.5	8.9	45	41	59	<5	48
200636	<100	270	105	47.6	31.2	58	145	225	<5	54
200637	<100	270	33	16.3	8.8	39	47	106	<5	21
200638	<100	220	25	12.9	6.7	69	31	55	<5	9
200639	<100	200	39	17.8	11.2	40	52	131	<5	10
200640	<100	180	30	13.9	8.1	29	35	74	<5	11
*Rep 200640	<100	190	30	14.1	7.7	30	36	73	<5	11
200641	<100	270	78	34.7	18.5	40	87	170	7	39
200642	<100	110	44	19.4	12.3	35	51	89	<5	54
200643	<100	220	78	35.8	18.8	57	95	185	<5	56
200644	<100	210	69	31.3	16.7	57	84	170	<5	53
200679	<100	210	29	20.6	5.5	150	25	32	<5	116
200680	<100	550	251	142	47.9	99	253	215	6	78
200681	<100	200	68	32.5	20.8	40	92	148	<5	47
200682	<100	170	20	9.7	5.9	30	29	41	<5	66
200683	<100	760	56	28.0	14.6	17	70	77	6	86
200684	<100	390	10	4.8	3.0	25	14	23	<5	37
200685	<100	750	18	11.0	4.9	23	23	26	<5	42
200686	<100	1480	21	13.0	5.7	20	27	43	<5	9
*Rep 200686	<100	1590	22	14.5	5.1	23	26	37	<5	10
200687	<100	910	45	25.8	11.3	35	62	108	<5	10
200688	<100	890	65	35.4	16.2	56	78	138	<5	6
200689	<100	350	12	5.3	3.8	37	16	35	<5	39
200690	<100	3570	85	69.9	9.7	65	52	32	<5	3
200691	<100	2200	103	62.6	21.0	23	109	165	<5	12
200692	<100	100	12	5.6	3.0	32	15	25	<5	59
200693	<100	180	16	8.2	4.1	37	21	27	<5	30
200694	<100	340	10	4.2	2.9	14	15	12	<5	107
200695	<100	110	35	17.6	7.5	111	38	70	<5	52
200696	<100	110	19	8.3	4.6	39	22	30	<5	66
200697	<100	420	31	13.0	7.7	41	36	57	<5	39
200698	<100	190	23	11.6	5.4	84	26	41	<5	8
*Rep 200698	<100	190	22	10.8	5.7	84	25	45	<5	8
200699	<100	400	89	44.7	22.5	77	115	144	<5	43
200327	<100	160	20	10.6	5.1	40	27	44	<5	61

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
200328	<100	180	31	14.9	6.9	66	36	75	<5	32
200329	<100	140	18	9.5	4.7	61	23	50	<5	43
200330	<100	150	30	14.4	7.6	26	37	86	<5	41
200331	<100	90	44	20.1	11.8	72	59	126	<5	55
200332	<100	140	32	15.5	7.6	81	39	93	<5	44
200333	<100	170	33	16.5	7.5	49	39	46	<5	40
200334	<100	140	33	15.6	7.6	76	36	81	<5	15
200335	<100	610	620	363	141	22	761	492	<5	161
200336	<100	150	29	14.6	8.1	67	39	76	<5	57
200337	<100	150	36	16.5	9.2	56	46	99	<5	32
*Rep 200337	<100	170	38	18.1	9.7	57	49	105	<5	31
200338	<100	90	32	13.7	7.7	56	39	75	<5	60
200339	<100	130	36	15.8	9.4	46	46	91	<5	36
200340	<100	170	100	47.1	26.5	65	138	190	7	66
200341	<100	160	35	16.1	9.0	80	44	117	<5	28
200342	<100	150	30	17.1	6.4	66	33	65	<5	13
200343	<100	180	49	24.4	10.6	77	52	72	<5	17
200344	<100	190	31	16.5	6.3	101	32	71	<5	8
200345	<100	150	30	13.9	7.5	72	36	76	<5	18
200346	<100	170	65	35.4	14.9	120	72	72	<5	29
200347	<100	160	55	29.0	12.8	123	60	80	<5	37
200348	<100	150	61	29.4	16.6	104	75	113	<5	38
200349	<100	150	41	18.6	10.6	82	48	73	<5	41
*Rep 200349	<100	190	54	25.0	12.3	85	57	77	<5	47
200350	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200394	<100	140	29	12.3	7.2	64	33	81	<5	31
200395	<100	150	15	6.5	4.1	29	20	38	<5	47
200396	<100	810	751	395	181	60	861	740	<5	106
200397	<100	160	28	13.5	7.5	103	34	67	<5	26
200398	<100	200	160	71.3	45.8	73	215	290	<5	58
200399	<100	260	105	48.0	23.3	112	107	173	<5	16
200400	<100	200	23	13.1	6.1	64	29	67	<5	12
200479	<100	100	29	14.8	7.7	69	37	73	<5	27
200480	<100	150	22	9.9	5.8	25	30	35	<5	39
200481	<100	90	21	9.3	5.8	40	27	48	<5	37
200482	<100	130	25	11.1	7.0	45	32	83	<5	40
*Rep 200482	<100	150	23	10.4	6.3	45	29	77	<5	38
200483	<100	80	52	23.1	12.9	68	64	157	<5	41
200484	<100	170	92	44.8	24.1	29	117	271	<5	114
200485	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200486	<100	110	45	21.0	12.7	30	65	113	<5	82
200487	<100	170	19	8.6	5.6	21	28	38	<5	83
200488	<100	110	18	8.0	5.7	28	25	47	<5	57

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
200489	<100	100	25	11.6	6.8	51	31	79	<5	53
200490	<100	130	18	9.9	4.0	58	18	34	<5	14
200491	<100	180	72	31.1	19.2	45	96	267	<5	80
*Std MMISRM16	<100	580	3	1.0	1.5	2	7	7	<5	37
*Std MMISRM16	<100	570	3	1.3	1.5	2	7	7	<5	37
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200628	12	5.0	118	23	150	<1	25	<1	110	<1
*Rep 200628	12	4.5	110	22	160	<1	24	<1	109	<1
200629	5	2.3	171	37	170	<1	32	<1	129	<1
200630	12	3.1	103	30	150	<1	22	<1	151	<1
200631	<5	0.9	379	41	140	<1	69	<1	56	<1
200632	19	3.9	186	33	200	<1	41	<1	146	<1
200633	7	1.8	197	58	120	<1	39	<1	76	<1
200634	5	2.5	76	41	130	<1	16	<1	136	<1
200635	8	1.9	124	28	100	<1	24	<1	108	<1
200636	6	2.7	467	38	120	<1	90	<1	75	<1
200637	<5	1.6	180	21	100	<1	38	<1	131	<1
200638	6	2.9	101	25	160	<1	21	<1	112	<1
200639	<5	2.1	198	14	140	<1	43	<1	124	<1
200640	<5	1.3	133	19	130	<1	28	<1	128	<1
*Rep 200640	<5	1.3	130	18	130	<1	28	<1	126	<1
200641	<5	1.1	297	35	120	<1	61	<1	87	<1
200642	<5	1.3	162	35	70	<1	34	<1	92	<1
200643	7	1.3	335	60	100	<1	69	<1	58	<1
200644	9	1.2	297	73	100	<1	63	<1	61	<1
200679	<5	1.8	68	103	320	<1	14	<1	39	<1
200680	<5	0.8	579	143	120	<1	106	<1	15	<1
200681	5	1.2	306	48	100	<1	62	<1	87	<1
200682	9	1.3	88	49	30	<1	17	<1	74	<1
200683	<5	<0.5	198	441	70	<1	35	<1	34	<1
200684	9	1.3	45	215	40	<1	8	<1	134	<1
200685	<5	0.9	64	74	200	<1	12	<1	321	<1
200686	<5	<0.5	91	110	40	<1	17	<1	140	<1
*Rep 200686	<5	0.6	81	130	50	<1	15	<1	141	<1
200687	<5	<0.5	224	50	70	<1	45	<1	160	<1
200688	<5	1.8	279	111	150	<1	57	<1	123	<1
200689	6	1.4	58	123	30	<1	12	<1	76	<1
200690	<5	1.0	118	42	50	<1	21	<1	102	<1
200691	<5	0.5	354	19	250	<1	69	<1	100	<1
200692	17	1.8	51	50	80	<1	10	<1	59	<1
200693	<5	2.1	61	85	80	<1	12	<1	92	<1
200694	14	0.6	39	102	<10	<1	6	<1	84	<1
200695	6	1.7	118	54	140	<1	25	<1	61	<1
200696	7	0.8	66	51	150	<1	13	<1	93	<1
200697	35	1.2	109	62	740	<1	22	<1	200	<1
200698	20	3.2	80	43	260	<1	17	<1	157	<1
*Rep 200698	22	3.4	81	46	240	<1	17	<1	149	<1
200699	8	1.6	307	43	240	<1	58	<1	77	<1
200327	<5	1.1	86	75	50	<1	17	<1	48	<1

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200328	6	2.6	126	30	70	<1	28	<1	57	<1
200329	8	2.7	83	53	100	<1	18	<1	72	<1
200330	<5	0.7	134	30	120	<1	28	<1	93	<1
200331	13	3.8	207	55	120	<1	43	<1	54	<1
200332	7	3.7	148	58	80	<1	33	<1	62	<1
200333	<5	1.6	107	50	100	<1	20	<1	117	<1
200334	7	3.9	124	36	110	<1	28	<1	94	<1
200335	<5	<0.5	1580	148	70	<1	272	<1	30	<1
200336	8	1.9	141	131	110	<1	29	<1	73	<1
200337	7	2.6	170	31	90	<1	35	<1	105	<1
*Rep 200337	6	2.6	174	31	80	<1	38	<1	100	<1
200338	8	1.5	134	103	110	<1	29	<1	38	<1
200339	6	2.7	158	40	80	<1	34	<1	101	<1
200340	7	1.5	400	79	100	<1	78	<1	56	<1
200341	6	5.9	173	29	110	<1	39	<1	127	<1
200342	<5	3.5	108	32	170	<1	23	<1	145	<1
200343	9	3.4	154	41	140	<1	29	<1	137	<1
200344	9	4.8	110	46	210	<1	24	<1	130	<1
200345	<5	3.8	123	34	140	<1	26	<1	93	<1
200346	6	3.0	178	43	170	<1	32	<1	83	<1
200347	<5	4.9	164	54	240	<1	33	<1	89	<1
200348	6	4.8	228	54	200	<1	47	<1	87	<1
200349	<5	2.8	143	97	130	<1	29	<1	128	<1
*Rep 200349	<5	2.2	157	101	130	<1	33	<1	128	<1
200350	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200394	<5	3.1	120	26	100	<1	26	<1	81	<1
200395	<5	1.4	69	30	60	<1	14	<1	84	<1
200396	<5	<0.5	2040	178	170	<1	373	<1	59	<1
200397	8	4.7	112	52	230	<1	24	<1	107	<1
200398	5	1.6	641	98	130	<1	121	<1	74	<1
200399	9	4.1	315	65	180	<1	62	<1	106	<1
200400	10	2.0	106	54	80	<1	24	<1	107	<1
200479	9	2.7	128	44	90	<1	28	<1	115	<1
200480	<5	1.4	78	60	80	<1	15	<1	84	<1
200481	11	1.8	91	75	80	<1	19	<1	70	<1
200482	<5	2.5	118	36	120	<1	26	<1	59	<1
*Rep 200482	<5	2.5	109	33	130	<1	24	<1	61	<1
200483	15	3.0	232	89	130	<1	54	<1	75	<1
200484	12	0.8	450	455	30	<1	97	<1	40	<1
200485	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200486	6	0.6	215	44	50	<1	42	<1	18	<1
200487	10	0.7	84	59	20	<1	17	<1	32	<1
200488	6	0.9	86	71	70	<1	17	<1	68	<1

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200489	10	1.9	120	77	100	<1	27	<1	66	<1
200490	8	3.2	57	71	140	<1	12	<1	111	<1
200491	<5	1.8	385	53	80	<1	84	<1	26	<1
*Std MMISRM16	48	<0.5	21	226	110	28	3	<1	313	<1
*Std MMISRM16	49	<0.5	21	224	120	28	4	<1	313	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	5	<10	<1	<1	<1	<5	<1

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200628	44	29	<1	280	2	5	<10	16.9	1130	0.8
*Rep 200628	45	27	<1	290	1	5	<10	15.5	1100	1.0
200629	63	46	<1	630	<1	9	<10	13.8	569	0.8
200630	33	26	<1	940	<1	5	<10	9.7	650	0.9
200631	23	109	<1	2660	<1	20	<10	7.4	28	0.8
200632	81	43	<1	270	<1	8	<10	22.2	1140	0.7
200633	45	51	<1	1560	<1	10	<10	7.9	118	0.7
200634	34	19	<1	1120	<1	3	<10	9.6	469	0.5
200635	40	33	<1	1380	<1	6	<10	6.6	226	0.7
200636	44	123	<1	1540	<1	20	<10	8.1	379	0.6
200637	45	41	<1	590	<1	7	<10	8.7	287	0.5
200638	41	26	<1	330	<1	5	<10	12.3	938	0.5
200639	38	46	<1	1040	<1	8	<10	13.6	486	0.5
200640	37	33	<1	560	<1	5	<10	8.7	288	<0.5
*Rep 200640	42	33	<1	610	<1	6	<10	9.2	313	<0.5
200641	90	74	<1	2440	<1	14	<10	11.3	97	0.6
200642	41	41	<1	1620	<1	8	<10	10.7	61	0.6
200643	65	83	<1	1610	<1	15	<10	14.4	104	<0.5
200644	62	71	<1	1660	<1	13	<10	14.1	103	<0.5
200679	72	20	<1	590	<1	5	<10	10.1	349	0.5
200680	125	175	<1	910	<1	40	<10	23.4	146	<0.5
200681	78	79	<1	1950	<1	13	<10	12.2	87	<0.5
200682	19	23	<1	2500	<1	4	<10	4.4	39	<0.5
200683	15	55	<1	2030	<1	10	<10	8.6	30	<0.5
200684	18	12	<1	2200	<1	2	<10	3.7	58	0.6
200685	32	18	<1	1150	<1	3	<10	4.2	119	0.6
200686	46	23	<1	660	<1	4	<10	3.2	33	0.5
*Rep 200686	52	20	<1	800	<1	4	<10	3.4	41	<0.5
200687	53	54	<1	250	<1	9	<10	5.5	92	0.6
200688	67	68	<1	140	<1	12	<10	18.9	488	0.5
200689	17	15	<1	1830	<1	2	<10	7.2	40	<0.5
200690	105	36	<1	140	<1	11	<10	18.5	358	<0.5
200691	200	87	<1	760	<1	17	<10	20.0	188	<0.5
200692	24	14	<1	1620	<1	2	<10	6.0	131	<0.5
200693	35	17	<1	3360	<1	3	<10	5.9	166	<0.5
200694	8	11	<1	4400	<1	2	<10	3.6	16	<0.5
200695	50	32	<1	1200	<1	6	<10	11.3	485	<0.5
200696	27	18	<1	1040	<1	3	<10	4.8	142	<0.5
200697	35	31	<1	1610	<1	5	<10	6.5	111	<0.5
200698	46	20	<1	310	<1	4	<10	10.3	865	<0.5
*Rep 200698	43	22	<1	260	<1	4	<10	10.4	861	<0.5
200699	44	86	<1	1360	<1	16	<10	7.3	130	<0.5
200327	29	24	<1	1780	<1	4	<10	6.1	90	<0.5

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200328	59	31	<1	1760	<1	6	<10	14.8	469	<0.5
200329	26	21	<1	1710	<1	3	<10	10.1	368	<0.5
200330	24	32	<1	3140	<1	5	<10	7.1	30	<0.5
200331	45	47	<1	1640	<1	9	<10	14.9	454	<0.5
200332	62	35	<1	1290	<1	6	<10	18.2	871	<0.5
200333	36	31	<1	1380	<1	6	<10	5.6	199	<0.5
200334	60	32	<1	650	<1	6	<10	17.4	1100	<0.5
200335	113	505	<1	3480	1	109	<10	7.4	25	<0.5
200336	42	34	<1	1820	<1	6	<10	8.5	357	<0.5
200337	47	40	<1	1080	<1	7	<10	11.5	657	<0.5
*Rep 200337	49	42	<1	1050	<1	7	<10	12.2	641	<0.5
200338	39	34	<1	1720	<1	6	<10	9.0	237	<0.5
200339	54	40	<1	1330	<1	7	<10	11.8	832	<0.5
200340	77	106	<1	1390	<1	19	<10	13.1	195	<0.5
200341	58	41	<1	610	<1	7	<10	20.6	1850	<0.5
200342	63	27	<1	590	<1	5	<10	16.5	1140	<0.5
200343	64	43	<1	490	<1	8	<10	17.5	1080	<0.5
200344	56	27	<1	280	<1	5	<10	21.2	1670	<0.5
200345	50	30	<1	500	<1	6	<10	15.7	1260	<0.5
200346	81	53	<1	470	<1	11	<10	12.4	808	<0.5
200347	73	46	<1	980	<1	9	<10	15.4	1640	<0.5
200348	66	62	<1	1020	<1	11	<10	13.2	1550	<0.5
200349	50	38	<1	1240	<1	8	<10	9.2	999	<0.5
*Rep 200349	58	44	<1	1390	<1	9	<10	9.9	868	<0.5
200350	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200394	47	29	<1	880	<1	5	<10	12.5	513	<0.5
200395	19	16	<1	1670	<1	3	<10	4.9	120	<0.5
200396	204	622	<1	2500	1	128	<10	14.6	73	<0.5
200397	57	29	<1	820	<1	5	<10	13.0	1030	<0.5
200398	71	172	<1	2000	<1	31	<10	7.9	128	<0.5
200399	120	83	<1	760	<1	18	<10	20.6	1000	<0.5
200400	44	23	<1	620	<1	4	<10	6.7	243	<0.5
200479	50	31	<1	630	<1	5	<10	9.7	476	<0.5
200480	14	22	<1	1690	<1	4	<10	3.0	63	<0.5
200481	28	23	<1	1110	<1	4	<10	6.9	244	<0.5
200482	36	27	<1	1640	<1	5	<10	13.5	347	<0.5
*Rep 200482	38	27	<1	1680	<1	4	<10	14.7	343	<0.5
200483	82	55	<1	1310	<1	10	<10	21.5	500	<0.5
200484	71	98	<1	3650	<1	17	<10	11.4	27	<0.5
200485	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200486	14	52	<1	2500	<1	9	<10	6.0	23	<0.5
200487	11	23	<1	2030	<1	4	<10	4.9	40	<0.5
200488	23	20	<1	2180	<1	4	<10	7.0	47	<0.5

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200489	40	28	<1	1710	<1	5	<10	9.3	179	<0.5
200490	35	15	<1	380	<1	3	<10	10.9	864	<0.5
200491	48	79	<1	2040	<1	14	<10	17.6	221	<0.5
*Std MMISRM16	19	7	<1	400	<1	<1	<10	26.4	<3	<0.5
*Std MMISRM16	17	6	<1	430	<1	<1	<10	26.0	<3	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	4	<0.5
*Blk BLANK	<5	<1	<1	10	<1	<1	<10	<0.5	<3	<0.5

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
200628	10	5	130	10	140	223
*Rep 200628	10	2	134	11	130	215
200629	11	2	279	19	230	159
200630	7	1	131	9	100	143
200631	22	1	619	37	270	47
200632	14	<1	207	16	120	269
200633	12	<1	285	18	660	84
200634	6	<1	79	5	220	137
200635	11	<1	168	12	100	114
200636	9	<1	553	32	190	94
200637	12	<1	165	12	210	157
200638	8	<1	128	10	140	184
200639	12	<1	195	13	200	201
200640	9	<1	140	10	370	132
*Rep 200640	9	<1	136	11	390	134
200641	14	<1	360	23	640	176
200642	10	<1	185	13	560	95
200643	13	<1	331	25	450	105
200644	11	<1	304	21	710	98
200679	11	<1	163	17	1740	82
200680	67	1	1630	102	270	84
200681	13	<1	345	23	520	93
200682	7	<1	102	7	450	40
200683	16	<1	264	21	1150	44
200684	5	<1	50	3	2230	33
200685	7	<1	107	10	4430	53
200686	14	<1	142	12	240	53
*Rep 200686	14	<1	147	12	330	54
200687	16	<1	250	21	210	83
200688	17	<1	368	28	240	257
200689	10	<1	55	4	980	54
200690	13	<1	502	61	590	199
200691	26	<1	608	49	70	285
200692	5	<1	55	4	1540	66
200693	9	<1	82	7	500	88
200694	9	<1	55	4	70	19
200695	7	<1	169	12	290	111
200696	4	<1	81	6	1550	38
200697	13	<1	142	10	170	75
200698	8	<1	111	9	100	172
*Rep 200698	8	<1	104	9	100	178
200699	14	<1	570	31	90	86
200327	7	<1	101	8	670	51

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
200328	7	<1	141	11	160	158
200329	5	<1	90	7	590	103
200330	10	<1	147	10	920	61
200331	11	1	243	14	820	113
200332	6	<1	144	11	1080	198
200333	12	<1	175	11	180	82
200334	9	<1	144	12	350	286
200335	143	4	5060	248	530	84
200336	6	<1	161	10	2730	78
200337	9	<1	172	12	130	181
*Rep 200337	10	<1	176	13	130	185
200338	5	<1	142	10	630	71
200339	7	<1	168	12	240	163
200340	13	<1	614	30	600	79
200341	9	<1	157	12	230	322
200342	11	<1	152	14	370	245
200343	9	<1	257	18	400	208
200344	10	<1	143	13	480	343
200345	7	<1	148	11	400	191
200346	8	<1	404	22	270	151
200347	8	<1	284	20	1910	151
200348	7	<1	311	19	1200	142
200349	5	<1	212	13	1150	93
*Rep 200349	7	<1	261	17	1160	93
200350	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200394	8	<1	128	9	560	142
200395	6	<1	69	5	420	56
200396	53	4	5750	264	270	107
200397	10	<1	141	9	510	174
200398	11	<1	892	47	380	58
200399	12	<1	534	33	310	249
200400	13	<1	122	10	350	138
200479	8	<1	144	10	690	136
200480	8	<1	109	6	3490	32
200481	5	<1	97	7	1610	78
200482	9	<1	122	8	330	156
*Rep 200482	9	<1	116	7	270	181
200483	10	<1	230	17	2050	171
200484	15	<1	423	32	650	68
200485	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200486	8	<1	232	14	150	28
200487	6	<1	92	6	300	24
200488	6	<1	81	6	1100	43

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
200489	7	<1	112	9	1210	100
200490	8	<1	82	8	4840	155
200491	5	<1	368	20	120	96
*Std MMISRM16	43	<1	13	1	210	19
*Std MMISRM16	43	<1	14	1	220	17
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5

Certificate of Analysis

Work Order: TO103846

To:	**COD SGS Minerals**	Date:	Nov 07, 2008
	Attn: Tim Henneberry		
	2446 Bidston Road		
	Mill Bay		
	BC V0R 2P4		

P.O. No. :	Mammoth Geolo;PO:Princeton(Asp&placer)
Project No. :	DEFAULT
No. Of Samples :	74
Date Submitted :	Oct 09, 2008
Report Comprises :	Pages 1 to 11
	(Inclusive of Cover Sheet)

Distribution of unused material:

STORE: 74 Soils

Certified By : ______________________

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:	L.N.R.	= Listed not received	I.S.	= Insufficient Sample
	n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

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

Final : TO103846 Order: Mammoth Geolo;PO:Princeton(Asp&placer)

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
*Rep 200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200494	10	>300	<10	<0.1	1480	<1	160	13	205	32
200495	6	>300	10	<0.1	1200	<1	60	6	183	62
200496	6	68	10	<0.1	5010	<1	640	15	994	15
200497	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200498	10	87	<10	<0.1	3930	<1	360	5	313	50
200499	6	>300	10	<0.1	2220	<1	180	15	146	40
200227	23	35	<10	0.3	2160	<1	690	10	127	12
200228	3	>300	<10	<0.1	1470	<1	380	105	44	83
200229	18	39	<10	<0.1	2990	<1	600	29	293	77
200230	10	63	<10	<0.1	3340	<1	420	39	102	19
200231	16	102	10	<0.1	1120	<1	310	40	109	46
200232	30	36	<10	<0.1	2630	<1	820	31	80	29
*Rep 200232	31	37	<10	<0.1	2480	<1	790	29	86	26
200233	12	36	<10	<0.1	3780	<1	570	17	396	14
200234	8	75	<10	<0.1	1940	<1	530	48	257	20
200235	10	>300	<10	<0.1	1380	<1	20	38	88	218
200236	10	>300	20	<0.1	2320	<1	30	19	287	234
200237	7	91	<10	<0.1	3870	<1	400	7	103	43
200238	4	>300	<10	<0.1	2260	<1	110	6	55	79
200239	5	56	<10	0.3	4960	<1	530	21	540	23
200240	10	81	<10	<0.1	3200	<1	520	45	80	19
200241	14	79	<10	<0.1	3170	<1	500	32	79	20
200288	4	>300	10	<0.1	2340	<1	150	11	420	130
200289	5	>300	20	<0.1	3440	<1	60	6	116	118
200290	7	>300	10	<0.1	1390	<1	80	11	242	124
*Rep 200290	8	>300	10	<0.1	1410	<1	80	8	320	109
200291	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200292	4	>300	10	<0.1	1860	<1	250	6	380	39
200293	2	>300	<10	<0.1	1350	<1	100	10	292	92
200294	<1	>300	<10	<0.1	1350	<1	50	5	315	26
200295	2	>300	<10	<0.1	2010	<1	300	6	234	171
200296	4	119	<10	<0.1	1340	<1	310	9	83	16
200297	6	56	<10	<0.1	2310	<1	600	10	327	15
200298	11	72	<10	<0.1	1280	<1	570	6	64	18
200299	27	>300	<10	<0.1	770	<1	360	11	43	10
200300	24	>300	<10	<0.1	1740	<1	240	17	169	11
200529	9	>300	<10	<0.1	2940	<1	240	8	48	41
200530	8	81	<10	<0.1	2690	<1	400	6	395	261
*Rep 200530	7	83	<10	<0.1	2490	<1	350	7	372	228
200531	16	>300	<10	<0.1	4350	<1	350	16	306	31
200532	10	>300	<10	<0.1	2580	<1	300	66	180	45

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB
200533	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200534	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200535	15	28	<10	<0.1	3360	<1	640	70	535	22
200536	12	>300	10	<0.1	2680	<1	190	25	302	27
200537	5	64	<10	<0.1	6100	<1	330	11	1010	33
200538	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200539	1	>300	<10	<0.1	880	<1	90	11	206	28
200540	2	>300	<10	<0.1	1300	<1	330	5	627	16
200541	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200542	7	>300	<10	<0.1	1930	<1	190	6	511	25
*Rep 200542	7	>300	<10	<0.1	2040	<1	190	6	490	24
200543	3	44	10	<0.1	1780	<1	360	2	363	124
200544	14	30	<10	<0.1	2020	<1	610	8	590	54
200545	2	>300	<10	<0.1	1780	<1	270	5	453	32
200546	4	>300	<10	<0.1	2560	<1	60	6	172	26
200547	9	>300	<10	<0.1	1510	<1	280	9	223	12
200548	11	>300	<10	<0.1	1430	<1	250	10	129	15
200549	10	42	<10	<0.1	1720	<1	500	8	418	15
200550	7	>300	20	<0.1	3230	<1	150	8	336	37
200579	8	42	<10	<0.1	2010	<1	590	31	64	11
200580	2	>300	<10	<0.1	2950	<1	90	55	177	14
200581	8	56	<10	<0.1	3680	<1	450	24	635	10
200582	18	>300	10	<0.1	2620	<1	260	16	352	161
*Rep 200582	14	>300	10	<0.1	2410	<1	200	22	284	213
200583	8	>300	10	<0.1	2580	<1	130	12	117	100
200584	22	>300	<10	<0.1	2190	<1	140	15	320	52
200585	35	>300	<10	<0.1	3010	<1	50	86	373	106
200586	46	>300	<10	<0.1	1990	<1	10	29	250	72
200587	30	>300	<10	<0.1	2940	<1	350	36	255	36
200588	24	>300	<10	<0.1	760	<1	20	26	122	82
200589	19	82	<10	<0.1	1300	<1	430	20	41	22
200590	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200591	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200597	12	80	<10	<0.1	2490	<1	500	19	404	34
200598	21	>300	<10	<0.1	2520	<1	210	87	282	61
200599	18	>300	20	<0.1	3790	<1	170	17	864	91
*Rep 200599	19	>300	20	<0.1	3370	<1	180	14	745	85
200600	60	81	<10	<0.1	2610	<1	360	71	50	9
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Std MMISRM16	23	56	20	34.5	70	<1	280	4	30	67
*Std MMISRM16	23	63	20	35.6	60	<1	290	4	30	70

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
*Rep 200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200494	<100	200	20	12.8	5.1	92	27	48	<5	14
200495	<100	200	33	22.2	7.5	93	39	55	<5	4
200496	<100	680	742	340	154	41	1010	943	<5	90
200497	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200498	<100	190	65	36.2	22.8	85	108	235	<5	44
200499	<100	200	52	29.4	13.6	121	66	78	<5	28
200227	<100	240	16	8.1	4.5	29	25	35	<5	83
200228	<100	1530	20	21.1	2.7	60	15	18	<5	26
200229	<100	910	22	13.7	6.6	38	36	73	<5	51
200230	<100	400	11	7.0	3.4	34	19	34	<5	30
200231	<100	450	17	11.1	4.2	51	24	40	<5	11
200232	<100	570	9	5.0	2.9	34	15	24	<5	34
*Rep 200232	<100	590	9	5.4	2.9	35	14	25	<5	34
200233	<100	280	21	11.4	7.2	39	38	91	<5	54
200234	<100	610	28	18.3	7.8	46	43	56	<5	46
200235	<100	5960	59	69.2	5.1	135	30	24	14	4
200236	100	240	10	5.4	3.3	164	17	81	<5	11
200237	<100	100	8	5.0	2.6	58	14	32	<5	83
200238	<100	120	9	5.5	2.0	106	10	19	<5	33
200239	<100	120	35	18.9	11.3	34	62	125	<5	83
200240	<100	110	5	3.3	1.2	44	8	17	<5	57
200241	<100	120	6	4.0	1.6	44	10	20	<5	62
200288	<100	300	103	61.4	29.5	133	144	220	<5	36
200289	<100	150	20	12.5	4.1	114	21	39	<5	12
200290	<100	210	68	43.8	13.2	169	69	64	<5	16
*Rep 200290	<100	190	66	41.8	14.8	159	79	85	<5	15
200291	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200292	<100	160	28	15.1	7.8	72	42	81	<5	41
200293	<100	190	25	16.7	6.0	87	31	66	<5	15
200294	<100	210	72	46.0	17.8	38	89	101	<5	5
200295	<100	230	23	15.1	6.0	166	30	58	<5	82
200296	<100	160	11	6.6	2.7	63	14	22	<5	23
200297	<100	130	56	32.7	18.9	27	94	131	<5	144
200298	<100	140	8	5.2	2.7	39	12	20	<5	75
200299	<100	140	5	2.9	1.0	29	6	7	<5	31
200300	<100	110	14	8.0	4.0	52	21	40	<5	15
200529	<100	100	6	3.8	1.4	67	7	14	<5	44
200530	<100	560	36	24.4	11.0	67	58	123	7	115
*Rep 200530	<100	470	36	23.6	10.9	67	56	116	6	102
200531	<100	190	16	10.4	4.8	73	24	58	<5	50
200532	<100	520	37	27.2	6.6	72	39	53	<5	15

Element	Cr	Cu	Dy	Er	Eu	Fe	Gd	La	Li	Mg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	10	1	0.5	0.5	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM
200533	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200534	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200535	<100	430	58	34.9	16.4	32	91	115	<5	113
200536	<100	240	26	16.0	7.2	77	39	73	<5	15
200537	<100	400	56	32.7	19.0	48	95	323	<5	65
200538	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200539	<100	350	67	49.6	13.0	38	72	76	<5	14
200540	<100	140	53	28.9	17.1	32	82	261	<5	61
200541	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200542	<100	120	40	23.6	12.0	63	60	185	<5	20
*Rep 200542	<100	130	43	25.5	11.8	64	58	127	<5	21
200543	<100	280	31	18.1	10.0	139	53	104	<5	79
200544	<100	360	111	69.4	32.6	36	181	287	<5	143
200545	<100	210	52	33.5	13.2	75	75	113	<5	39
200546	<100	260	77	53.7	13.2	93	76	60	<5	17
200547	<100	150	21	13.2	5.4	54	31	48	<5	19
200548	<100	230	20	12.7	5.5	57	28	51	<5	23
200549	<100	300	46	27.2	14.0	58	78	116	<5	93
200550	<100	200	26	16.4	6.5	117	34	68	<5	18
200579	<100	90	8	4.3	1.8	36	11	19	<5	66
200580	<100	130	29	21.7	3.6	73	21	25	<5	9
200581	<100	120	40	21.2	11.5	59	60	179	<5	28
200582	<100	380	73	40.7	19.3	139	95	162	<5	46
*Rep 200582	<100	320	55	30.5	13.9	169	67	107	<5	37
200583	<100	220	24	14.4	5.0	117	25	37	<5	25
200584	<100	490	47	33.5	9.9	51	52	85	<5	18
200585	<100	450	41	27.7	9.0	62	47	90	<5	4
200586	<100	280	35	24.4	6.5	88	33	58	<5	2
200587	<100	460	37	23.5	8.4	69	46	65	<5	26
200588	<100	430	30	24.5	4.8	73	29	35	<5	2
200589	<100	370	5	3.4	1.4	28	7	12	<5	12
200590	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200591	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200597	<100	300	19	11.1	5.2	87	27	74	<5	75
200598	<100	690	44	30.4	9.2	46	53	88	<5	11
200599	100	580	54	31.0	14.9	121	76	244	<5	8
*Rep 200599	<100	590	49	30.7	12.9	106	69	213	<5	9
200600	<100	560	11	7.7	3.4	22	20	35	<5	27
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Blk BLANK	<100	<10	<1	<0.5	<0.5	<1	<1	<1	<5	<1
*Std MMISRM16	<100	600	3	1.3	1.4	2	6	7	<5	41
*Std MMISRM16	<100	600	3	1.2	1.3	3	6	7	<5	43

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
*Rep 200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200494	<5	2.6	87	34	150	<1	17	<1	116	<1
200495	6	2.8	108	27	210	<1	21	<1	75	<1
200496	<5	<0.5	2370	73	120	<1	412	<1	39	<1
200497	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200498	<5	1.9	340	67	110	<1	65	<1	70	<1
200499	<5	3.0	169	51	230	<1	30	<1	75	<1
200227	<5	<0.5	72	46	30	<1	13	<1	31	<1
200228	<5	0.5	38	59	160	<1	7	<1	135	<1
200229	<5	1.9	130	167	60	<1	26	<1	64	<1
200230	<5	1.5	62	62	70	<1	12	<1	117	<1
200231	<5	1.8	81	63	130	<1	15	<1	110	<1
200232	<5	1.7	46	125	50	<1	9	<1	77	<1
*Rep 200232	<5	1.6	46	131	50	<1	9	<1	77	<1
200233	<5	1.0	152	122	50	<1	31	<1	68	<1
200234	<5	1.0	130	178	80	<1	24	<1	53	<1
200235	<5	3.9	66	101	170	1	12	<1	70	<1
200236	5	5.2	98	155	70	1	22	<1	111	<1
200237	6	1.9	51	125	80	<1	11	<1	134	<1
200238	11	2.1	33	107	140	<1	6	<1	128	<1
200239	<5	0.5	214	426	80	<1	43	<1	100	<1
200240	14	1.2	28	224	70	<1	5	<1	129	<1
200241	11	1.0	32	189	70	<1	7	<1	138	<1
200288	<5	5.0	390	73	200	<1	71	<1	54	<1
200289	<5	4.7	62	59	190	<1	12	<1	99	<1
200290	6	4.1	161	69	200	1	28	<1	84	<1
*Rep 200290	6	4.7	196	61	160	1	35	<1	81	<1
200291	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200292	<5	1.9	145	48	80	<1	28	<1	109	<1
200293	<5	3.0	107	67	150	1	22	<1	153	<1
200294	<5	0.6	258	20	130	<1	46	<1	150	<1
200295	8	5.8	99	88	150	<1	21	<1	131	<1
200296	<5	1.2	42	34	90	<1	8	<1	123	<1
200297	<5	0.6	272	57	50	<1	50	<1	82	<1
200298	<5	1.3	37	43	60	<1	7	<1	74	<1
200299	<5	1.2	15	40	60	<1	3	<1	81	<1
200300	5	2.9	74	22	80	<1	14	<1	75	<1
200529	<5	2.1	24	108	100	<1	5	<1	155	<1
200530	5	1.9	230	384	90	<1	46	<1	88	<1
*Rep 200530	5	1.9	217	330	90	<1	43	<1	85	<1
200531	6	2.3	93	209	70	<1	19	<1	170	<1
200532	<5	1.0	104	49	160	<1	20	<1	125	<1

Element	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Pt	Rb	Sb
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	0.5	1	5	10	1	1	1	5	1
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200533	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200534	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200535	<5	0.7	254	409	40	<1	47	<1	67	<1
200536	5	2.8	133	89	90	<1	25	<1	109	<1
200537	<5	1.1	386	220	70	<1	81	<1	67	<1
200538	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200539	<5	<0.5	195	57	80	<1	33	<1	171	<1
200540	<5	<0.5	306	26	60	<1	61	<1	96	<1
200541	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200542	<5	2.7	225	26	100	1	47	<1	97	<1
*Rep 200542	<5	2.3	216	28	100	1	44	<1	100	<1
200543	10	2.7	194	111	50	<1	38	<1	36	<1
200544	<5	1.1	466	122	70	<1	83	<1	33	<1
200545	8	1.7	233	33	90	1	45	<1	103	<1
200546	<5	1.8	181	44	160	<1	30	<1	88	<1
200547	<5	1.5	94	35	50	<1	18	<1	133	<1
200548	<5	1.8	93	46	90	<1	18	<1	121	<1
200549	<5	1.1	247	100	40	<1	46	<1	33	<1
200550	6	5.7	120	116	90	1	24	<1	87	<1
200579	12	1.0	31	87	100	<1	6	<1	68	<1
200580	<5	2.6	47	42	140	<1	9	<1	120	<1
200581	11	2.2	216	57	70	<1	45	<1	56	<1
200582	<5	3.1	262	68	190	<1	50	<1	77	<1
*Rep 200582	<5	3.4	185	63	220	<1	36	<1	71	<1
200583	<5	2.5	69	66	300	<1	13	<1	80	<1
200584	<5	0.7	166	82	100	<1	31	<1	142	<1
200585	6	2.1	154	128	130	<1	31	<1	265	<1
200586	10	3.8	101	120	370	1	21	<1	105	<1
200587	<5	2.1	131	192	110	<1	24	<1	101	<1
200588	<5	1.2	85	86	160	<1	16	<1	98	<1
200589	<5	0.6	23	89	40	<1	4	<1	131	<1
200590	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200591	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200597	<5	2.5	101	145	80	<1	21	<1	62	<1
200598	<5	1.0	163	117	150	<1	32	<1	202	<1
200599	10	5.6	276	80	100	1	59	<1	109	<1
*Rep 200599	9	4.8	249	73	90	1	52	<1	109	<1
200600	<5	0.6	73	43	30	<1	13	<1	148	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<1	<5	<1
*Std MMISRM16	49	<0.5	23	260	90	24	4	<1	385	<1
*Std MMISRM16	52	<0.5	22	253	90	24	4	<1	383	<1

SGS

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
*Rep 200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200494	24	23	<1	390	<1	4	<10	11.2	654	<0.5
200495	23	30	<1	290	<1	6	<10	12.9	799	<0.5
200496	86	551	<1	3020	<1	104	<10	7.7	31	<0.5
200497	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200498	26	89	<1	2000	<1	14	<10	5.4	342	<0.5
200499	29	49	<1	700	<1	10	<10	10.6	683	<0.5
200227	7	19	<1	2140	<1	3	<10	2.7	18	<0.5
200228	22	11	<1	850	<1	3	<10	6.4	50	<0.5
200229	19	31	<1	1490	<1	5	<10	9.9	71	<0.5
200230	15	16	<1	1550	<1	2	<10	5.4	87	<0.5
200231	19	20	<1	770	<1	3	<10	7.4	285	<0.5
200232	11	11	<1	2660	<1	2	<10	3.9	30	<0.5
*Rep 200232	10	12	<1	2760	<1	2	<10	4.0	26	<0.5
200233	9	34	<1	2450	<1	5	<10	7.2	31	<0.5
200234	21	36	<1	1390	<1	6	<10	6.4	79	<0.5
200235	67	20	<1	160	<1	7	<10	28.9	882	<0.5
200236	31	18	<1	460	<1	2	<10	25.7	1880	<0.5
200237	22	12	<1	3320	<1	2	<10	7.2	190	<0.5
200238	20	8	<1	820	<1	1	<10	7.2	932	<0.5
200239	23	53	<1	4920	<1	7	<10	7.2	49	<0.5
200240	17	6	<1	3300	<1	1	<10	3.0	82	<0.5
200241	17	8	<1	3200	<1	1	<10	2.8	76	<0.5
200288	53	113	<1	1370	<1	20	<10	13.0	1580	<0.5
200289	30	16	<1	660	<1	3	<10	12.1	1720	<0.5
200290	56	47	<1	780	<1	11	<10	17.1	1430	<0.5
*Rep 200290	51	55	<1	650	<1	11	<10	17.6	1490	<0.5
200291	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200292	28	36	<1	1040	<1	6	<10	8.7	594	<0.5
200293	33	27	<1	520	<1	5	<10	13.5	787	<0.5
200294	43	69	<1	320	<1	13	<10	11.0	195	<0.5
200295	44	25	<1	1690	<1	4	<10	11.6	1340	<0.5
200296	18	11	<1	1760	<1	2	<10	5.2	173	<0.5
200297	16	74	<1	3900	<1	12	<10	3.3	27	<0.5
200298	11	10	<1	960	<1	2	<10	2.7	48	<0.5
200299	8	4	<1	1130	<1	<1	<10	1.9	112	<0.5
200300	14	19	<1	690	<1	3	<10	7.4	628	<0.5
200529	14	6	<1	1790	<1	1	<10	6.7	371	<0.5
200530	44	51	<1	3970	<1	7	<10	13.1	158	<0.5
*Rep 200530	43	49	<1	3460	<1	7	<10	12.8	187	<0.5
200531	38	22	<1	2230	<1	3	<10	10.3	260	<0.5
200532	38	29	<1	1710	<1	6	<10	12.1	125	<0.5

Final : TO103846 Order: Mammoth Geolo;PO:Princeton(Asp&placer)

Element	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	5	1	1	10	1	1	10	0.5	3	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
200533	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200534	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200535	17	68	<1	2590	<1	11	<10	10.0	23	<0.5
200536	35	33	<1	630	<1	5	<10	11.8	774	<0.5
200537	52	84	<1	2870	<1	12	<10	19.1	194	<0.5
200538	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200539	32	51	<1	510	<1	11	<10	7.8	57	<0.5
200540	24	69	<1	1610	<1	11	<10	8.6	64	<0.5
200541	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200542	46	54	<1	800	<1	8	<10	14.8	725	<0.5
*Rep 200542	45	52	<1	830	<1	8	<10	14.4	610	<0.5
200543	32	45	<1	1270	<1	6	<10	8.3	516	<0.5
200544	27	132	<1	2510	<1	22	<10	8.6	43	<0.5
200545	56	61	<1	1410	<1	10	<10	11.8	260	<0.5
200546	34	52	<1	600	<1	12	<10	10.8	592	<0.5
200547	29	25	<1	1090	<1	4	<10	7.0	355	<0.5
200548	21	24	<1	880	<1	4	<10	7.3	462	<0.5
200549	27	65	<1	2590	<1	10	<10	6.9	105	<0.5
200550	40	30	<1	1280	<1	5	<10	16.7	1560	<0.5
200579	12	8	<1	2200	<1	2	<10	2.5	69	<0.5
200580	29	14	<1	780	<1	4	<10	17.9	721	<0.5
200581	28	53	<1	2090	<1	8	<10	10.5	121	<0.5
200582	46	72	<1	1240	<1	13	<10	12.3	749	<0.5
*Rep 200582	42	53	<1	950	<1	10	<10	12.1	849	<0.5
200583	31	19	<1	640	<1	4	<10	11.1	786	<0.5
200584	67	42	<1	750	<1	8	<10	12.3	223	<0.5
200585	41	40	<1	350	<1	7	<10	14.2	723	<0.5
200586	34	27	<1	110	<1	6	<10	18.0	1080	<0.5
200587	26	35	<1	890	<1	6	<10	11.1	394	<0.5
200588	26	22	<1	100	<1	5	<10	7.5	431	<0.5
200589	9	6	<1	1090	<1	<1	<10	2.8	49	<0.5
200590	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200591	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200597	31	23	<1	2830	<1	4	<10	14.2	201	<0.5
200598	33	42	<1	650	<1	8	<10	12.5	277	<0.5
200599	64	65	<1	750	<1	11	<10	38.0	1760	<0.5
*Rep 200599	64	58	<1	720	<1	10	<10	35.1	1690	<0.5
200600	13	18	<1	730	<1	2	<10	2.8	74	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	4	<0.5
*Blk BLANK	<5	<1	<1	<10	<1	<1	<10	<0.5	<3	<0.5
*Std MMISRM16	12	6	<1	560	<1	<1	<10	23.9	<3	<0.5
*Std MMISRM16	13	6	<1	590	<1	<1	<10	23.9	<3	<0.5

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
*Rep 200493	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200494	7	<1	116	9	450	165
200495	8	<1	269	16	190	201
200496	53	2	5200	223	350	73
200497	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
200498	6	<1	558	23	180	54
200499	5	<1	411	19	1670	124
200227	4	<1	87	5	290	12
200228	16	<1	168	17	250	74
200229	11	<1	134	11	450	96
200230	7	<1	66	5	660	62
200231	9	<1	99	9	610	113
200232	7	<1	52	4	470	30
*Rep 200232	7	<1	57	4	430	30
200233	9	<1	134	8	590	53
200234	8	<1	173	13	1210	64
200235	11	<1	588	60	110	226
200236	6	<1	44	4	270	231
200237	4	<1	51	4	760	100
200238	3	<1	48	4	780	84
200239	6	<1	175	12	1590	43
200240	5	<1	33	2	2180	38
200241	5	<1	44	3	1370	37
200288	7	<1	929	39	970	147
200289	5	<1	129	8	720	174
200290	8	<1	583	29	620	217
*Rep 200290	7	<1	560	28	430	240
200291	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200292	6	<1	151	10	330	120
200293	9	<1	156	13	620	236
200294	8	<1	623	32	220	144
200295	6	<1	139	12	130	213
200296	5	<1	68	5	470	86
200297	8	<1	495	20	870	36
200298	6	<1	52	4	260	40
200299	5	<1	27	2	860	52
200300	5	<1	84	6	750	138
200529	4	<1	37	3	310	104
200530	10	<1	343	19	370	125
*Rep 200530	9	<1	335	19	420	121
200531	7	<1	102	8	1520	132
200532	13	<1	353	20	1020	179

Final : TO103846 Order: Mammoth Geolo;PO:Princeton(Asp&placer)

Element	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB
200533	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200534	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200535	10	<1	463	23	1440	65
200536	7	<1	195	13	670	208
200537	7	<1	454	26	430	101
200538	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200539	9	<1	714	33	480	86
200540	7	<1	457	19	150	98
200541	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
200542	10	<1	324	17	160	258
*Rep 200542	11	<1	358	19	140	249
200543	4	<1	284	13	180	93
200544	27	<1	1150	47	150	78
200545	11	<1	453	24	180	213
200546	7	<1	832	35	270	163
200547	6	<1	133	10	340	123
200548	7	<1	129	9	260	140
200549	10	<1	443	18	350	81
200550	6	<1	175	12	1130	258
200579	3	<1	47	3	1930	25
200580	7	<1	216	15	5340	177
200581	8	<1	302	14	2420	109
200582	9	<1	659	26	650	122
*Rep 200582	7	<1	464	20	910	115
200583	6	<1	138	10	960	120
200584	11	<1	433	26	80	188
200585	12	<1	357	21	730	279
200586	11	<1	291	17	260	307
200587	8	<1	312	15	970	161
200588	7	<1	285	19	140	121
200589	7	<1	35	3	1600	44
200590	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200591	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
200597	7	<1	117	8	630	127
200598	12	<1	428	22	850	187
200599	16	<1	434	23	270	691
*Rep 200599	15	<1	384	21	230	619
200600	7	<1	89	6	330	59
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Std MMISRM16	32	<1	13	<1	230	18
*Std MMISRM16	33	<1	13	<1	230	18