

BC Geological Survey  
Assessment Report  
31734



**ESO**  
**URANIUM CORP.**

**Exploration 2010**

Mineral Tenures  
513516 and 606445

**Detailed Soil Geochemical Sampling  
Donna Gold Project**

Vernon Mining Division  
British Columbia

BCGS Maps 082L018 & 019

Latitude 50°07'57" N, Longitude 118°24'27" W

August 2010

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## Table Of Contents

<b>1.0</b>	<b>INTRODUCTION.....</b>	<b>4</b>
1.1	Location, Access and Title.....	4
1.2	Climate and Topography .....	5
1.3	Previous Production and Exploration.....	5
<b>2.0</b>	<b>GEOLOGY .....</b>	<b>8</b>
2.1	Regional Geology .....	8
2.2	Property Geology.....	9
	<u>2.2.1 Lithology.....</u>	9
	<u>2.2.2 Structure and Metamorphism .....</u>	9
	<u>2.2.3 Mineralization .....</u>	10
<b>3.0</b>	<b>2010 WORK PROGRAM .....</b>	<b>11</b>
3.1	Soil Geochemistry.....	11
	<u>3.1.1 Sampling Method .....</u>	11
	<u>3.1.2 Sample Preparation, Analysis, and Quality Control .....</u>	12
	<u>3.1.3 Results .....</u>	12
3.2	Stream Sediment Geochemistry .....	13
	<u>3.2.1 Sampling Method .....</u>	13
	<u>3.2.2 Sample Preparation, Analysis, and Quality Control .....</u>	13
	<u>3.2.3 Results .....</u>	13
3.3	Rock Geochemistry .....	14
	<u>3.3.1 Sampling Method .....</u>	14
	<u>3.3.2 Sample Preparation, Analysis, and Quality Control .....</u>	14
	<u>3.3.3 Results .....</u>	14
<b>4.0</b>	<b>CONCLUSIONS.....</b>	<b>15</b>
<b>5.0</b>	<b>RECOMMENDATIONS.....</b>	<b>15</b>
<b>6.0</b>	<b>REFERENCES.....</b>	<b>17</b>
<b>7.0</b>	<b>STATEMENT OF QUALIFICATIONS.....</b>	<b>19</b>

## **LIST OF DRAWINGS**

Figure 1	Location
Figure 2	Mineral Tenure Location
Figure 3	Historical Exploration Compilation
Figure 4	Regional Geology
Figure 5	Property Geology
Figure 6	Soil Sample Locations
Figure 7	Gold in Soil
Figure 8	Silver in Soil
Figure 9	Arsenic in Soil
Figure 10	Stream Sediment Geochemical Survey
Figure 11	Rock Geochemical Survey

## **LIST OF TABLES**

Table 1	Soil Geochemical Results
Table 2	Stream Sediment Geochemical Results
Table 3	Rock Geochemical Results

## **LIST OF APPENDICES**

Appendix A	Lumby Climate Normals
Appendix B	BC MINFILE Records
Appendix C	Assessment Cost Statement
Appendix D	ALS Chemex Analytical Reports

## 1.0 INTRODUCTION

### 1.1 Location, Access and Title

The property is located in the Vernon Mining Division in south-central British Columbia, and is approximately 60 km east to southeast of Vernon, BC (Figure 1). The approximate 1080 ha property covers the east flank of Monashee Mountain, and its center is about 3.6 km from Keefer Lake at the headwaters of the Kettle River (Figure 2). ESO Uranium Corp. (ESO) holds additional mineral tenures adjacent to the north and east of mineral tenures 513516 and 606445 that are not part of this technical assessment report. Additional property information is included in the table below:

**Table A: Property Location Information**

<b>BCGS Maps</b>	082L018 and 082L019
<b>UTM North</b>	5551174 to 5556282 m (NAD 83, Zone 11N)
<b>UTM East</b>	397561 to 400784 m (NAD 83, Zone 11N)
<b>Mining Division</b>	Vernon
<b>Exploration Area</b>	Monashee Mountains
<b>Project Name</b>	Donna Project

The property is readily accessible from Vernon along BC Highway #6 for 85 km to the Keefer Lake Forest Access Road. This forest access road is followed northeasterly for 9 km where a four-wheel drive road branches off to the north before a bridge crossing over the Kettle River, and leads 1 km onto the property.

Vernon is the closest major supply center with drilling and heavy equipment contractors, and helicopter and fixed wing airplane available for charter. Food, fuel and limited supplies are available in Lumby (about 50 km from property), and to a lesser extent in Cherryville (about 30 km from the property).

ESO optioned mineral tenure 513516 from Harold Jones (90% owner) and Matthew Yorke-Hardy (10% owner) as stated in ESO's news release of July 15<sup>th</sup>, 2009:

“The terms include a payment of a total of \$100,000 over 4 years and the issuance of a total of 300,000 shares over 4 years and total work commitments of \$400,000 over 4 years. A net smelter royalty of 2% is to be paid from production and an advanced royalty of \$30,000 per annum, deductible from the royalty will be due on the anniversary of every year following the exercise of the option. A 50% buyout of the royalty for \$1,000,000 and a right of first refusal for the remaining 50% are agreed.”

Mineral tenure 606445 was acquired online by ESO on June 22, 2009. The locations of the tenures are plotted on the BC Mineral Titles online map at

[www.mtonline.gov.bc.ca](http://www.mtonline.gov.bc.ca). ESO's mineral tenures are shown on Figure 2, which was created by importing TRIM Positional Map data from the BC Integrated Land Management Bureau into geographic information software Geosoft Target. The table below lists the details of the mineral titles:

**Table B: Property Title Description**

Title Name	Tenure #	Area (ha)	Registered Owner	Expiry
DONNA	513516	724.85	Harold Jones & Matthew York-Hardy	October 4 <sup>th</sup> , 2010
DONNATOO	606445	352.17	Benjamin Ainsworth (for ESO Uranium Corp.)	June 22 <sup>nd</sup> , 2011

## 1.2 Climate and Topography

Environment Canada's climate normals recorded at Lumby Sigalet Road between 1971 and 2000 are in Appendix A. Daily average temperatures range from -1.8 to -8.0 degrees Celsius in January and 10.1 to 25.6 degrees Celsius in July. Annual precipitation averages 628.3 mm, with 164.9 cm falling as snow. The ground is generally clear of snow from early May to early October.

The property is characterized by relatively steep slopes that lead up to a somewhat flat summit with elevations ranging from 1281 to 1712 m. The central part of the property was observed to contain thick brush of second growth fir and hemlock. The north, east and west sections of the property have commercial-sized fir, hemlock, pine and spruce that have been partially logged. Rock outcrops are rather sparse, and are better accessed in road cuts and historical trenches across the property.

## 1.3 Previous Production and Exploration

The property is situated within an area from Cherryville southeast to Needles which has a gold placer history dating from the 1870's to the present. Limited production came from a number of streams in this area. The Kettle River and Yeoward Creek are adjacent to the south and north of the property, respectively, and are listed on BC MINFILE as a past gold placer producer (Appendix B). Other placer gold production was reported for Marsh Creek 5 km to the southwest, Barnes Creek 8 km to the southeast, Monashee Creek 5 km to the northwest, and Cherry Creek 12 km to the northwest of the property (Appendix B).

MINFILE records show intermittent small-scale production occurred at Morgan and St. Paul located about 1.4 km and 1.6 km west of the property, respectively

(Appendix B and Figure 2 & 4). The ore mined at these showings was narrow quartz veins (less than 0.6 meters wide) with occasional native gold, disseminated pyrite, some arsenopyrite and smaller amounts of galena, sphalerite and tetrahedrite. A total of 392 tonnes producing 5630 grams gold, 112,406 grams silver, 3720 kilograms of lead, and 1258 kilograms of zinc were produced between 1914 to 1973 at Morgan and St. Paul (Appendix B).

The Monashee is another record in MINFILE that is located about 5.4 km west of the south end of the property. The ore at Monashee was sulphide rich quartz veins where 2193 tonnes of ore was mined to produce 11,415 grams of gold, 50,916 grams of silver, 706 kilograms of lead, and 190 kilograms of zinc between 1939 and 1940 (Appendix B).

The property was discovered in 1973 as a prospect for polymetallic veins, and is shown on the BC MINFILE as Dona (Appendix B and Figure 2).

Dona was discovered by El Paso Mining and Milling Company through a systematic stream-sediment sampling program (Figure 3). El Paso's initial program indicated anomalous arsenic in sediment content originating from the east end of Monashee Mountain and the northwestern flank of Yeoward Mountain (Mackenzie, 1973). Further work included detailed sediment and soil sampling, selective float rock sampling, and an Electromagnetic (EM) Survey. An area of highly anomalous arsenic values in soils coincident in part with gold, silver and lead anomalies varied from about 60 to 180 m in width, and extended at least 1200 m along a strike of N50°W (Figure 3). Gold in soil assayed up to 4200 ppb (Ryback-Hardy, 1973). Heavy sulfide float rock assayed as high as 22.8 g/t gold, and 1700 g/t silver (Figure 3) (Mackenzie, 1973). A moderately strong conductor displaced slightly to the east of the arsenic anomaly was generated by the EM Survey (Ryback-Hardy, 1973).

In 1974 El Paso completed 13 trenches totaling 1915 m, and 19 percussion drill holes totaling 980 m (Figure 3). A Self-Potential Survey of approximately 6.1 line kilometers was carried out, but did not define any targets. Trenching exposed numerous narrow quartz veins mineralized in gold and silver. Rock assay values reached 29.7 g/t gold and 90 g/t silver over 2.29 m, and 112.4 g/t gold and 39.3 g/t silver over 0.08 m in Trenches 4 and 8, respectively (Figure 3). The average grade of these veins is approximately 0.69 g/t. Occasional small pods of massive arsenopyrite-stibnite yielded the highest values in gold and silver. The best drilling intersection was 35.2 g/t gold from 23.8 to 24.4 m in P-6 (Figure 3) (Jones, 1974).

In 1982 F. Marshall Smith carried out assessment work that included reopening four of the 1974 El Paso trenches. Smith noted that geophysical work completed on the property had not defined any drill targets. The highest rock assays during the 1982 trenching were 140.3 g/t Au and 1.8 g/t Ag over 2.3 m, and 21.7 g/t Au and 0.34 g/t Ag over 2.1 m in El Paso's Trench 1A. Smith indicated that the grade of the deposit within the mineralized horizons is about 4.1 g/t gold with minor silver values. He determined that trenching had located 10 mineralized horizons of

skarned limy cracked crystal tuff and debris flow that had an average thickness of 6 m, and ranged up to 12.8 m (Smith, 1982).

In 1984 L.A. Bayrock completed a work program that comprised 3 trenches totaling 380 m. No high gold or silver values were encountered, although encouraging alteration minerals and sulfide mineralization were observed (Bayrock, 1984).

In 1988 a limited rock and stream sediment geochemical sampling program was conducted by Hi-Tec Resource Management Ltd. The highest rock assay value was 0.70 g/t gold and 442 g/t silver in a well mineralized phyllite and tuffaceous unit. A sediment sample from a stream that drains off of the mineralized zone of the Donna claims yielded 1020 ppb gold and 70 ppm zinc (Collins, 1988).

In 1992, Phelps Dodge commenced a soil geochemical survey comprising 112 sampled locations (Figure 3) to re-establish El Paso's 1973 gold with coincident pathfinder element anomaly. Phelps survey outlined a coincident gold-arsenic soil anomaly of approximately 1200 m long by 200 m wide with gold values up to 389 ppb (Cameron, 1992).

Phelps Dodge expanded their soil geochemical survey grid, and sampled bedrock in reopened and new trenches in 1993 (Figure 3). The gold-arsenic soil anomaly was expanded to 2000 m long by up to 300 m wide with gold values up to 3470 ppb. The highest bedrock sample was 8.1 g/t gold and 253.5 g/t silver over a 2 m chip sample in El Paso's Trench 6. Rock samples recovered from trenching contained slightly anomalous gold throughout that was related to low angle shears with high gold values (Fox, 1993).

Cameco Corporation completed geological mapping, geochemical and geophysical surveys, and diamond drilling on Monashee Mountain, which partially extends onto ESO's mineral tenures 513516 and 606445. Their soil geochemical survey shows that gold is anomalous to strongly anomalous at several locations on ESO's property. Cameco drilled MON4-1 to 99.5 m at an angle of -50° to the northeast on mineral tenure 606445, which returned a maximum gold concentration of 29 ppb over 0.5 m (Melrose, 1995).

In 1996 James W. McLeod conducted a limited diamond drill hole program. Three AQ-size holes totaling about 180 m were drilled on the property (Figure 3). The best intersection was 10.1 g/t gold and 6.2 g/t silver from 14.3 to 14.9 m in hole 96-1 (McLeod, 1996). Very few core samples were analyzed due to the lack of funds.

From 1999 to 2001 Harold M. Jones carried out biogeochemical surveys on the property. The 1999 and 2000 surveys acted as pilot tests to assess the usefulness of a biogeochemical survey on the property. The survey area covered the known gold-base metal mineralized zone established from previous exploration, and confirmed the presence of elevated values of gold pathfinder elements (silver, arsenic, antimony, cadmium and manganese) from specific foliage sampling (Jones, 2000, 2001). The

2001 survey expanded the area of anomalous pathfinder elements south of the known gold-base metal mineralized zone (Jones, 2002).

## **2.0 GEOLOGY**

### **2.1 Regional Geology**

The oldest rocks in the region belong to the Proterozoic Monashee Complex, which form the basement to the Monashee Mountains. These pericratonic rocks are composed largely of amphibolite and gneiss (Koffyberg, 2006). Figure 4 shows the regional geology of the area.

The Monashee Complex is overlain unconformably by a west-northwest trending inter-layered package of Paleozoic and Mesozoic (Carboniferous to Permian – possibly Triassic) sedimentary and volcanic rocks of the Thompson Assemblage, which was formerly referred to as the Cache Creek Group. This sequence is believed to have undergone sub-greenschist facies metamorphism synchronously with Jurassic to Cretaceous orogenic events with some deformation having occurred before deposition of the Upper Triassic sediments and volcanics (Jones, 2002).

The Thompson Assemblage appears unconformably overlain to the north of Monashee Mountain by Triassic age mixed sediments and volcanics of the Slocan Group, and volcanics of the Nicola Group. These Triassic mixed sediments and volcanics exhibit low grade green schist metamorphism due to regional causes (McLeod, 1996).

The Columbian Orogeny from Middle Jurassic to Cretaceous resulted in calc-alkaline plutonism represented by the Nelson Intrusions. The plutons from this event are exposed to the south of Monashee Mountain. The Nelson Intrusions are found within the Thompson Assemblage as dykes and small intrusive bodies of mostly granodiorite and diorite (rhyodacite to andesite) composition (Koffyberg, 2006; McLeod, 1996).

Tertiary (Miocene to Pliocene) basaltic flows of the Chilcotin Group are present west of Monashee Mountain as cap rock or as valley flows. Fault bounded blocks of basalt are common, as they were likely down-dropped along low angle normal faults adjacent to high grade metamorphic Okanagan and Monashee Complexes (McLeod, 1996).

Precious and base metal deposits in the region are thought to be controlled by Eocene extensional faults. Polymetallic mesothermal quartz veins are lead-rich, and contain associated gold, silver, copper, zinc, antimony and arsenic. In several parts of the region where these polymetallic quartz veins occupy low angle Eocene



structures, they are interpreted to be root zones of listric normal faults. At shallow to intermediate structural levels these faults are potential host structures for epithermal precious metal veins, replacements and stockworks that could support a low grade bulk tonnage deposit (Fox, 1993).

## **2.2 Property Geology**

### 2.2.1 Lithology

The property has little outcrop exposed, and has been geologically mapped based on knowledge of the regional geology, historical trenching, and geochemical survey traverses by the author. Figure 5 shows the geology of the property. Smith (1986) best summarizes the geology in the area of the historical trenches as quartz latite to dacite flows amongst interbedded sediments with varying calcareous pyritic interbeds, albitic tuffs and tuffaceous limestone that have been intruded by dioritic intrusives.

The southwestern portion of the property is underlain by the Thompson Assemblage, while the north and east portions are underlain by the Slocan and Nicola Groups (Figure 3).

The Thompson Assemblage is observed on the property as interbedded dark grey argillite (calcareous argillite and limestone west of historical trenches), buff to grey felsic volcanoclastic rocks and dacitic tuff (Fox, 1993).

The Slocan Group is observed as interbedded grey, green and buff phyllite and shale that is overlain by hornblende-bearing, massive to poorly bedded latite tuff of the Nicola Group (Fox, 1993).

A fine to medium grained, equigranular, hornblende diorite and quartz diorite forms a northwesterly striking elongate intrusion, which is partially conformable with the enclosing sedimentary rocks. Fine grained biotite-rich diorite dikes and small equigranular granitic dikes cut both the sedimentary rocks and hornblende diorite intrusion (Fox, 1993).

### 2.2.2 Structure and Metamorphism

Rocks underlying the property are intensely deformed, and the area has undergone a period of cleavage formation and fold development (Thompson, 1988). The Thompson Assemblage rocks have been isoclinally folded about northwesterly-striking axes with folds overturned to the northeast. In proximity to the historical trenches, a northwesterly isoclinal syncline that plunges at about 15° northwest appears to have been refolded about northeasterly-striking axes. Northwesterly-striking axial planar cleavage from early folding of the Thompson rocks is common,

whereas the northeasterly folds area observed without accompanying axial planar fabric (Fox, 1993).

On the northeast portion of the property Slocan Group rocks have a well developed penetrative fabric striking at 80° and dipping moderately southwest. This foliation is cut by a subvertical fracture cleavage striking to the northwest, which is commonly infilled with quartz and calcite (Fox, 1993).

Shear zones exposed in the historical trenches were observed to postdate the folding events. The shear zones are best developed in the hornblende diorite intrusions as shallow dipping structures that contain boudinaged sulphide-bearing quartz veins with elongation in a northerly direction. Poorly preserved cataclastic fabric in shear zone wallrock with a flat to shallow dipping fracture cleavage is common in historical trenches (Fox, 1993).

A northerly-striking fault juxtaposes calcareous argillite and limestone against siliceous siltstone on an exposed road-cut along a trail to the northern trenches (Fox, 1993).

All rocks in the district are partially skarnified with actinolite and clinozoisite the most common alteration mineral in the sediments and limy tuffs. The flows do not appear to be the sole cause of the alteration, as these limy rocks are themselves altered with epidote, clinozoisite, and some muscovite (Smith, 1986). Emplacement of sub-concordant intrusive sections has likely altered plagioclase feldspars to chlorite and sericite, which are often observed on quartz veinlet walls (McLeod, 1996).

### 2.2.3 Mineralization

Flat to shallow-dipping shears within the diorite intrusive exposed in some of the trenches host quartz veins, which in places contain pods and irregular masses of sulphides such as arsenopyrite, pyrite, pyrrhotite, stibnite, galena, minor chalcopyrite, tetrahedrite-tennantite, and possibly sphalerite. Thickness of these sulphide bodies ranges from a few millimeters to a maximum of about 10 cm, and do not exceed a few meters in length. Adjacent to the sulphide quartz veins and shears are irregularly distributed silicified zones that contain disseminated pyrite up to 2% (Fox, 1993).

Another location of mineralization occurs at the interface where sediments are overlain by rubble of tuffaceous material rich in lime with varying amounts of sulphides and quartz. The sulphides occur as finely disseminated grains, and in pods or masses parallel to the bedding (Smith, 1986).

Jones (2002) summarizes the mineralization as distinctive hematite-rich, stacked, stockwork-like zones within the intrusive and extrusive units. The sulphide-bearing quartz veins (or silicified zones) typically strike between N20°E and N45°W, and dip 20-45° west or southwest; a small amount have a very low dip angle. Most of

the veins follow the bedding (or shearing parallel to bedding), but some are related to crosscutting fractures or faults. The veins are very irregular, and show offsets from 6 to 60 cm on crosscutting fractures (Jones, 2002).

### **3.0 2010 WORK PROGRAM**

Exploration on the property was conducted from July 7<sup>th</sup> to July 20<sup>th</sup>, and comprised a detailed soil survey. The purpose of the detailed soil survey was to test the area from the west central boundary of mineral tenure 606445 to the west extent of the Phelps Dodge 1993 soil survey grid. Cameco Corporation carried out soil surveys from 1992 to 1994 adjacent to the west, and extending onto ESO's 2010 soil survey grid. Samples were collected at 30 m intervals along lines spaced 100 m apart over an area of approximately 1800 by 1200 m; except where historical soil data was present. Figure 6 shows the soil sample locations from the 2010 soil survey.

In addition, reconnaissance stream sediment and rock geochemical sampling was carried out. Stream sediment sampling was conducted downstream of ESO's 2009 sediment sample (DSS-09-12) which contained anomalous gold and pathfinder element concentrations. Representative rock samples were recovered from forestry road cuts where sufficient sulphides and/or iron staining was observed.

A Garmin GPSmap 60CSx® was utilized to locate all sample locations, as well as roads and traverses travelled. The UTM Co-ordinate system was used with map datum NAD83 in zone 11N. The assessment cost statement is in Appendix C.

#### **3.1 Soil Geochemistry**

##### 3.1.1 Sampling Method

A total of 537 soil samples were recovered on the property from July 7<sup>th</sup> to July 20<sup>th</sup>, 2010. Figure 6 shows the soil sample locations. A mattock with a 2.5 lb head was used to excavate out a 0.6 to 0.9 m deep pit, and a plastic scoop was used to collect a composite soil sample from the "B" horizon at each sample location. Care was taken to ensure that at least 30 g of less than 180 µm soil was obtained, while organic matter and large gravel and cobbles were removed.

Each sample location was flagged with orange tape and labeled. Each sample was collected in a 4" by 6" kraft paper sample bag, which was sealed in a 5" by 7" ziploc bag. Each sealed soil sample was later opened at the base camp, and allowed to air dry. The soil samples were transported with the ESO project geologist to ALS Chemex in North Vancouver for analysis.

### 3.1.2 Sample Preparation, Analysis, and Quality Control

The soil samples were logged into ALS Chemex on July 21<sup>st</sup>, 2010. Sample preparation included drying at 60°C followed by sieving to 180 µm. For gold analysis a 30 g sub-sample was fire assayed and analyzed by inductively-coupled plasma mass spectrometry (ICP-MS) techniques (ALS Group Au-ICP21). A 33 element analysis was done on each sample with a four acid digestion followed by ICP-MS techniques (ALS Group ME-ICP61). The ALS Chemex certificates of analysis are included in Appendix D.

ALS Chemex has developed and implemented a Quality Management System (QMS) that operates under global and regional quality control teams that execute and monitor ALS Chemex's various quality assurance and quality control programs. These programs are audited both internally and by outside parties in order to meet their stringent accreditation of ISO 9001:2000 for the provision of assay and geochemical services according to QMI-SAI Global Management Systems Registration. The laboratory has also been accredited to ISO 17025 standards for specific laboratory procedures by the Standards Council of Canada (SCC).

### 3.1.3 Results

Gold anomalies in soil are patchy, and do not extend much beyond 300 m long by 60 m wide where consistent as shown on Figure 7. The nature of these anomalies may be from variable overburden due to glaciation. An inconsistent gold anomaly may be outlined from L11 to L19 that is approximately 950 m long by up to 350 m wide, and trends northwest from the height of land towards the Yeoward Pup East Fork. The direction of this trend is similar to that of the historical gold anomaly found by Phelps Dodge. Gold anomalies on L5 and L6 do not show any convincing trends. Gold values range from below detection limits (< 1 ppb) to 733 ppb.

Silver anomalies in soil are sparse, which correlates with historical silver concentrations to the east and west. Figure 8 shows the Yeoward Pup East Fork has proximal soil samples that are anomalous in silver. Sample location L16-12 is anomalous in silver, which is found northwest and downhill from a historical very strongly anomalous soil sample. Three weakly anomalous soil samples in silver are situated downhill of L16-12. Silver values range from below detection limits (< 0.5 ppm) to 4 ppm.

Arsenic anomalies in soil are relatively well defined as shown on Figure 9, and show two main areas of interest. The first area includes eight strongly anomalous to very strongly anomalous samples on L9 and L10 that are located at the headwaters of an eastern branch of a tributary that feeds into the Kettle River. Sample L10-24 contained the highest arsenic concentration at 2750 ppm. This arsenic anomaly appears to connect with anomalous arsenic in soils in the area of the historical

trenches to the east. The Yeoward Pup East Fork is the second area of interest, where anomalous arsenic values are partially coincident with gold, silver, lead, antimony, and nickel anomalies. Arsenic values range from 6 to 2750 ppm.

All of the soil geochemical results are presented in Table 1.

## **3.2 Stream Sediment Geochemistry**

### 3.2.1 Sampling Method

A total of 2 stream sediment samples were recovered within mineral tenure 606445 on July 17<sup>th</sup>, 2010. The samples were recovered in the Yeoward Pup East and West Branches. A plastic scoop was used to collect a composite sample from high-energy streambed sediment at each sample location. Care was taken to ensure that at least 30 g of less than 180 µm sediment was obtained, while organic matter and water were removed. The samples were collected in one liter Ziploc® sample bags, and were transported with the ESO project geologist to ALS Chemex in North Vancouver for analysis.

### 3.2.2 Sample Preparation, Analysis, and Quality Control

The stream sediment samples were logged into ALS Chemex on July 21<sup>st</sup>, 2010. Sample preparation included drying at 60°C followed by sieving to 180 µm. For gold analysis a 30 g sub-sample was fire assayed and analyzed by inductively-coupled plasma mass spectrometry (ICP-MS) techniques (ALS Group Au-ICP21). A 33 element analysis was done on each sample with a four acid digestion followed by ICP-MS techniques (ALS Group ME-ICP61). The ALS Chemex certificates of analysis are included in Appendix D.

Quality control measures used in the analysis of sediment samples are the same as per section 3.1.2.

### 3.2.3 Results

Gold values in the stream sediments assayed at background concentrations, and are shown in Figure 10. All of the strong pathfinder elements (Ag, As, Pb, and Sb) for gold on the property assayed at background concentrations.

Nickel is a less consistent pathfinder for gold, and was anomalous in sediment sample DSS-10-2 at a concentration of 118 ppm. This sample is from the Yeoward Pup East Branch about 350 m downstream from three stream sediment samples recovered in 2009 that also have anomalous nickel concentrations. One of these samples (DSS-09-12) contained anomalous gold and pathfinder elements

(Ainsworth, 2009). The author observed several large angular vuggy quartz boulders with limonite and hematite staining up to 0.5 m<sup>3</sup> within and adjacent to the Yeoward Pup East Branch during the 2009 stream sediment sampling program.

The analytical results of the stream sediment samples are in Table 2.

### **3.3 Rock Geochemistry**

#### 3.3.1 Sampling Method

A total of 2 rock samples were recovered on and surrounding the property on July 19<sup>th</sup>, 2010 (Figure 11). Sampling was carried out as grab samples from sub-crop to out-crop. The rock samples were transported by the ESO project geologist to ALS Chemex in North Vancouver for analysis.

#### 3.3.2 Sample Preparation, Analysis, and Quality Control

The rock samples were logged into ALS Chemex on July 21<sup>st</sup>, 2010. Sample preparation in the lab involved crushing the samples to 70% passing 2 mm, and then pulverizing a split of up to 250 g to 85% passing 75 µm. The analytical method was similar to that described for the stream sediment samples (ALS Group's Au-ICP21 and ME-ICP61), except the fire assay for gold was finished with the atomic adsorption (AA) technique for ore grade samples (ALS Group Au-AA25). The 33 element analysis on these ore grade samples was conducted using a higher range of detection limits (ALS Group ME-ICP61a). The ALS Chemex certificates of analysis are included in Appendix D.

Quality control measures used in the analysis of rock samples are the same as per section 3.1.2.

#### 3.3.3 Results

The rock samples were shale (D-10-1) and slate (D-10-2), and contained some finely disseminated sulphides (mostly pyrite with trace chalcopyrite), which have subsequently resulted in strong iron oxide staining on the exposed surfaces. Both rock samples returned background levels for gold and all pathfinder elements.

The analytical results of the rock samples are in Table 3.

## 4.0 CONCLUSIONS

Exploration in 2010 comprised a detailed soil geochemical survey that tested from the west central boundary of mineral tenure 606445 to the west extent of the Phelps Dodge 1993 soil survey grid within mineral tenure 513516.

A patchy northwest trending gold anomaly was found to cover an area of approximately 950 m long by up to 350 m wide from the height of land to the Yeoward Pup East Branch. This gold anomaly trends similarly to the Phelps Dodge gold anomaly over the historical trenches, but does not connect and is displaced to the south. Silver, arsenic, lead, antimony, and nickel anomalies are partially coincident with gold in the area of the Yeoward Pup East Branch.

A strong arsenic anomaly is located at the headwaters of an eastern branch of a tributary that feeds into the Kettle River, and is coincident with one weakly anomalous gold sample location. This arsenic anomaly trends to the northeast, and appears to connect to the historical arsenic anomaly over the historical trenches.

Stream sediment sample DSS-10-2 was recovered from the Yeoward Pup East Branch, and is anomalous in nickel. This sample is about 350 m downstream from three stream sediment samples recovered in 2009 that also have anomalous nickel concentrations. One of these samples (DSS-09-12) contained anomalous gold and pathfinder elements.

Although both rock samples (D-10-1 and -2) contained abundant sulphides (mostly pyrite with trace chalcopyrite) and iron staining, they returned background levels for gold and all pathfinder elements.

## 5.0 RECOMMENDATIONS

A detailed soil geochemical survey should be conducted in the area of the Yeoward Pup East Branch. This area lies between L14 and L19 on the 2010 soil survey grid, and has anomalous gold and pathfinder element concentrations in soils and stream sediments. The proposed soil sample grid is about 500 m by 500 m comprising about 200 sample locations.

An induced polarization survey should be completed over the area historically trenched in order to map the subsurface distribution of mineralization beneath the grid coverage. The data produced from this geophysical survey should be used in conjunction with past geochemical data to select diamond drill targets.

Drill targets should be diamond drilled with at least NQ-size holes to maximize core recovery. Drill holes should only be completed on high priority targets that are developed through the geophysical and geochemical data. A reasonable attempt

should be made to intercept the possible calc-alkaline intrusive pluton unit below the inter-layered sedimentary, extrusive, and intrusive dyke/sill rocks. Historical drill holes on the property reach a maximum depth of 60 m, and do not intercept the intrusive pluton. The rationale to target the intrusive pluton includes the possibility of intercepting mineralized saddle veins at depth within Thompson Assemblage rocks, and to investigate the Nelson pluton intrusion for gold porphyry potential.



## 6.0 REFERENCES

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## 7.0 STATEMENT OF QUALIFICATIONS

Garrett Paul Ainsworth  
1201-1438 Richards Street  
Vancouver, BC, V6Z 3B8  
Telephone: 604-657-3235

I, Garrett Ainsworth, do hereby certify that:

1. I am a geologist in the mineral exploration industry and have been employed by ESO Uranium Corp. since June 2007.
2. I graduated from the British Columbia Institute of Technology with a Diploma of Mining in 2000, and a Bachelor of Technology in Environmental Engineering with honours in 2004. In addition, I have completed all of the coursework for a Bachelor of Science in Geology from the University of London, England. I am currently completing my last requirement for this geology degree, which is my dissertation on the Donna Gold Project.
3. I have been involved in mineral exploration for gold, copper, uranium, and diamonds in Canada, United States, and West Africa intermittently since 1996. From 2001 to 2007 I conducted environmental investigations for mining companies and other industrial corporations. I have concentrated solely on mineral exploration since June 2007.
4. I conducted the 2010 detailed soil geochemical sampling on the property, and am responsible for the preparation of this report.
5. I have an interest on this property through ESO Uranium Corp. as stated in the terms of the option in agreement in section 1.1.

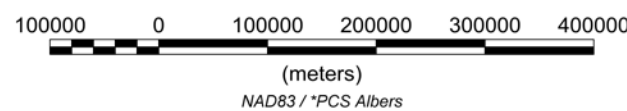
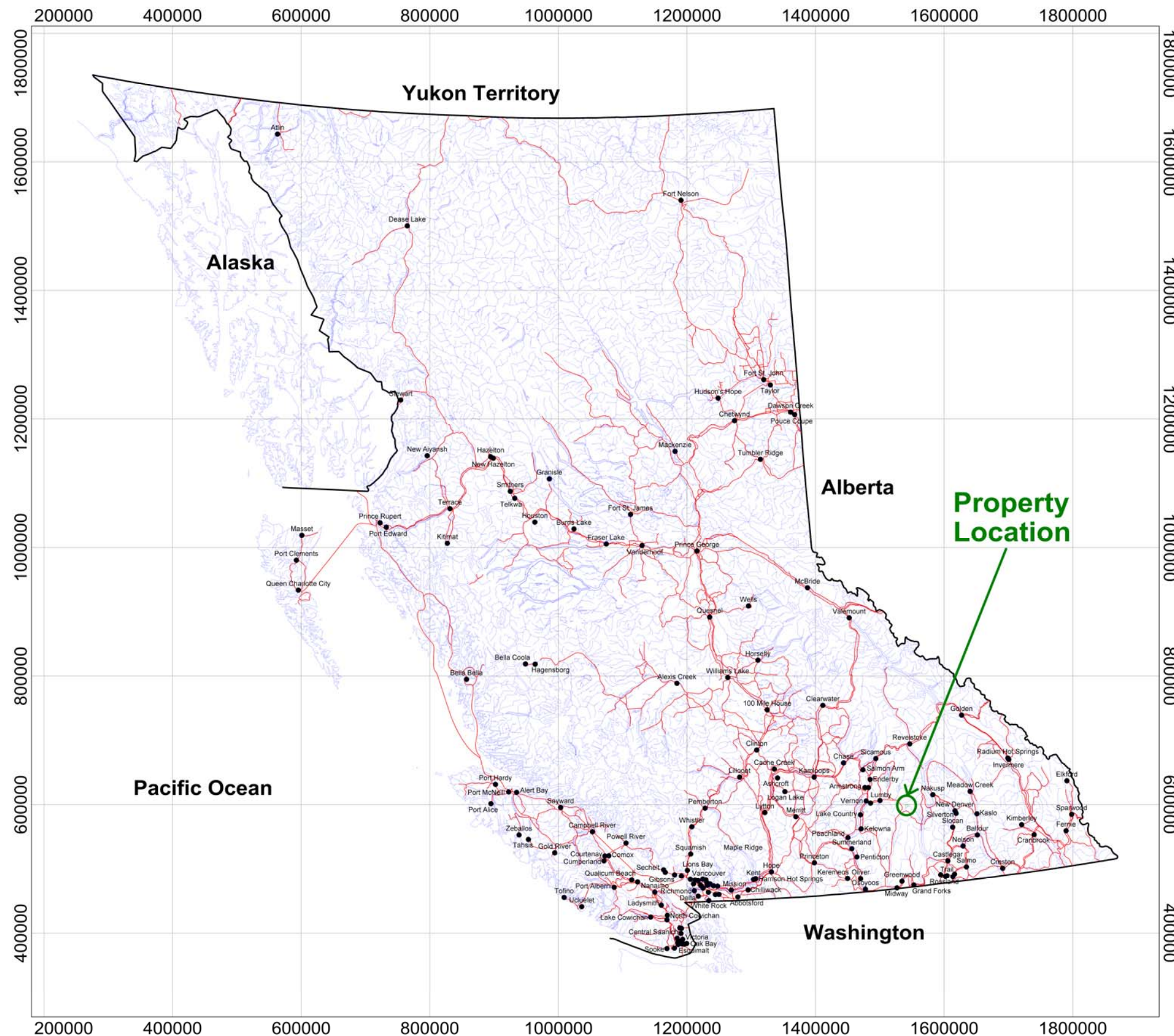
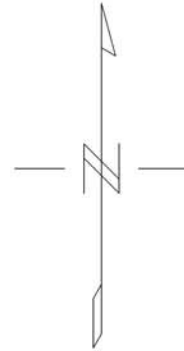
Dated at Vancouver, British Columbia, this 13<sup>th</sup> day of August 2010.



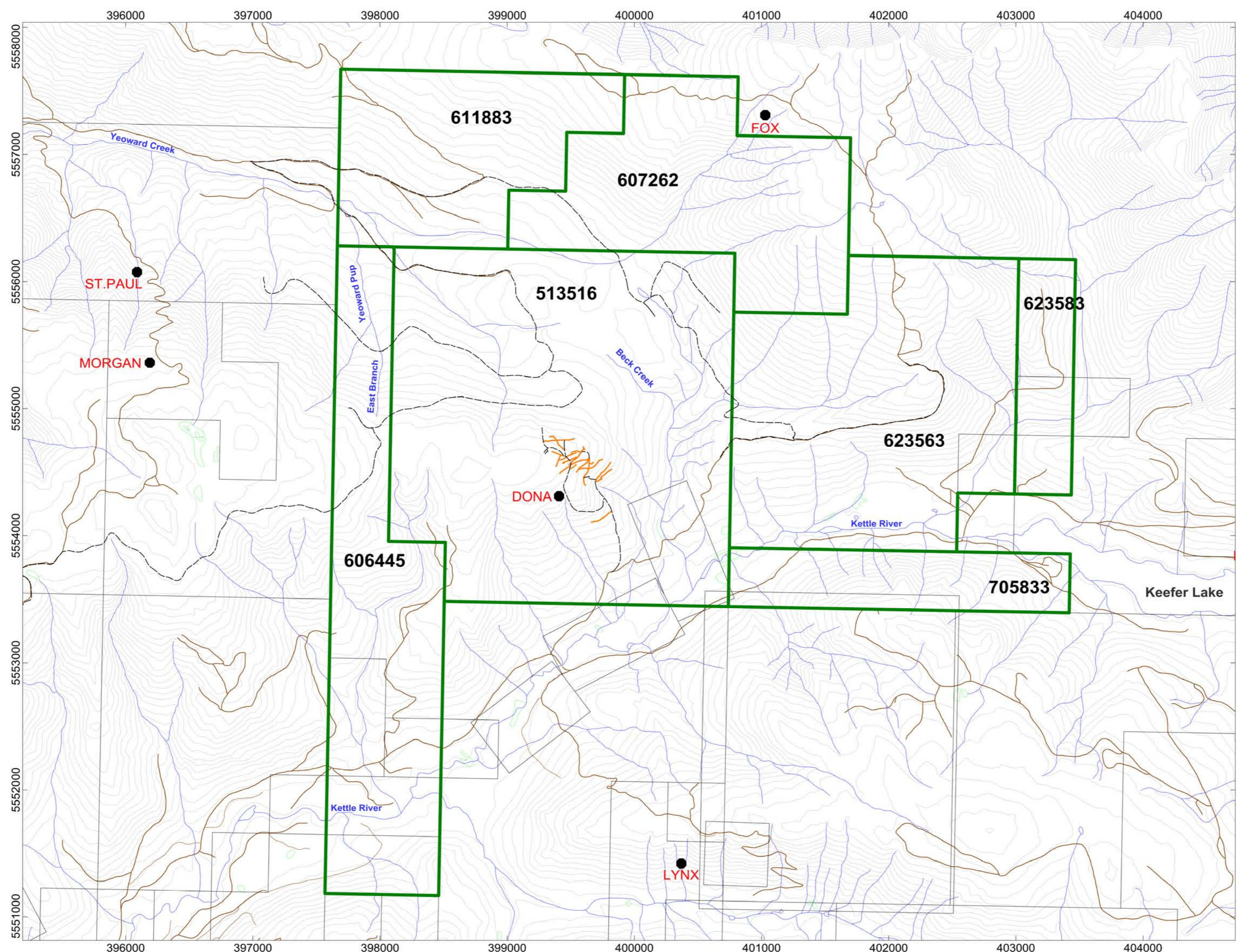
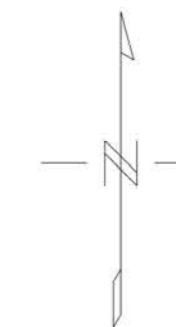
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Garrett Ainsworth, B.Tech.

## FIGURES

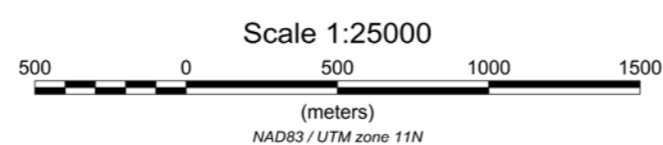


**ESO Uranium Corp.**  
**Figure 1 - Location**  
**Donna Gold Project**  
**Monashee Mountain, BC**  
**GPA - August 2010**

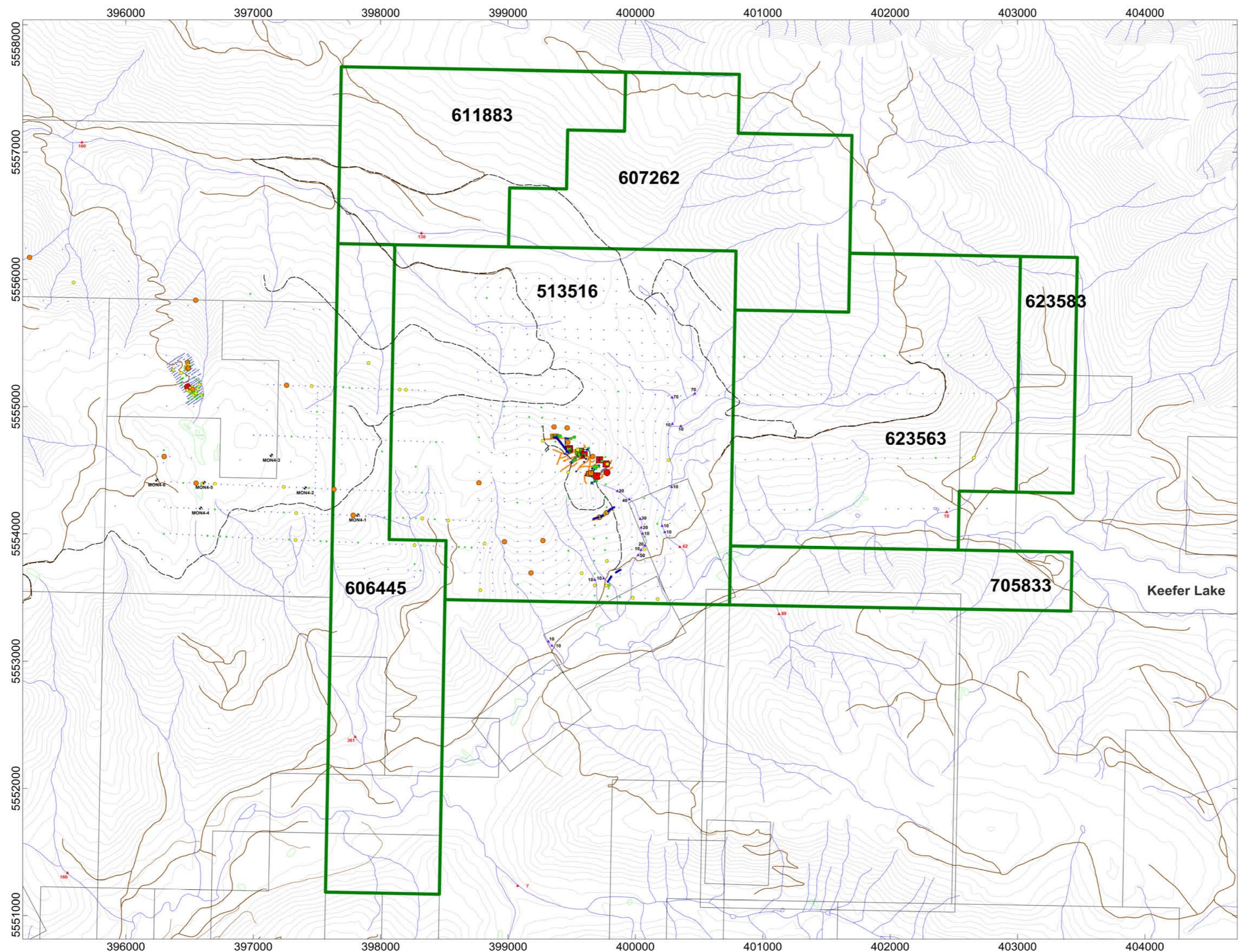
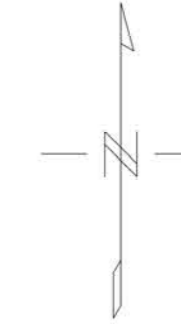


**LEGEND**

- BC MINFILE Record
- ESO Mineral Claims
- Other Mineral or Placer Claims
- Trenches Located by GPS in 2009
- - - Roads Located by GPS in 2009
- Roads
- Water Courses
- Swamp



ESO Uranium Corp.  
**Figure 2 - Mineral Tenure Location - A2**  
 Monashee Mountain, British Columbia  
 GPA - August 2010



**LEGEND**

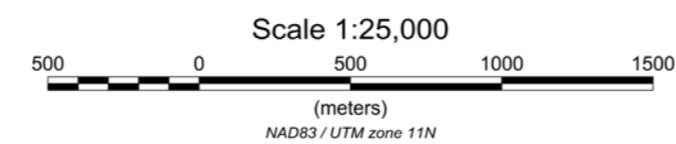
- ▲ 1973 Silt Sample Locations with Au ppb
- ▲ 1976 Silt Sample Locations with Au ppb
- 1974 Percussion Drill Hole Location
- ◆ 1994 Diamond Drill Hole Location
- 1996 Diamond Drill Hole Location
- ESO Mineral Claims
- Other Mineral or Placer Claim
- Trenches Located by GPS in 2009
- - - Roads Located by GPS in 2009
- Roads
- Water Courses
- Swamp

**Historical Au in Soil (ppb)**

- > 600 (very strongly anomalous)
- 100 - 600 (strongly anomalous)
- 40 - 100 (anomalous)
- 20 - 40 (weakly anomalous)
- < 20 (background)

**Historical Au in Rock (ppm)**

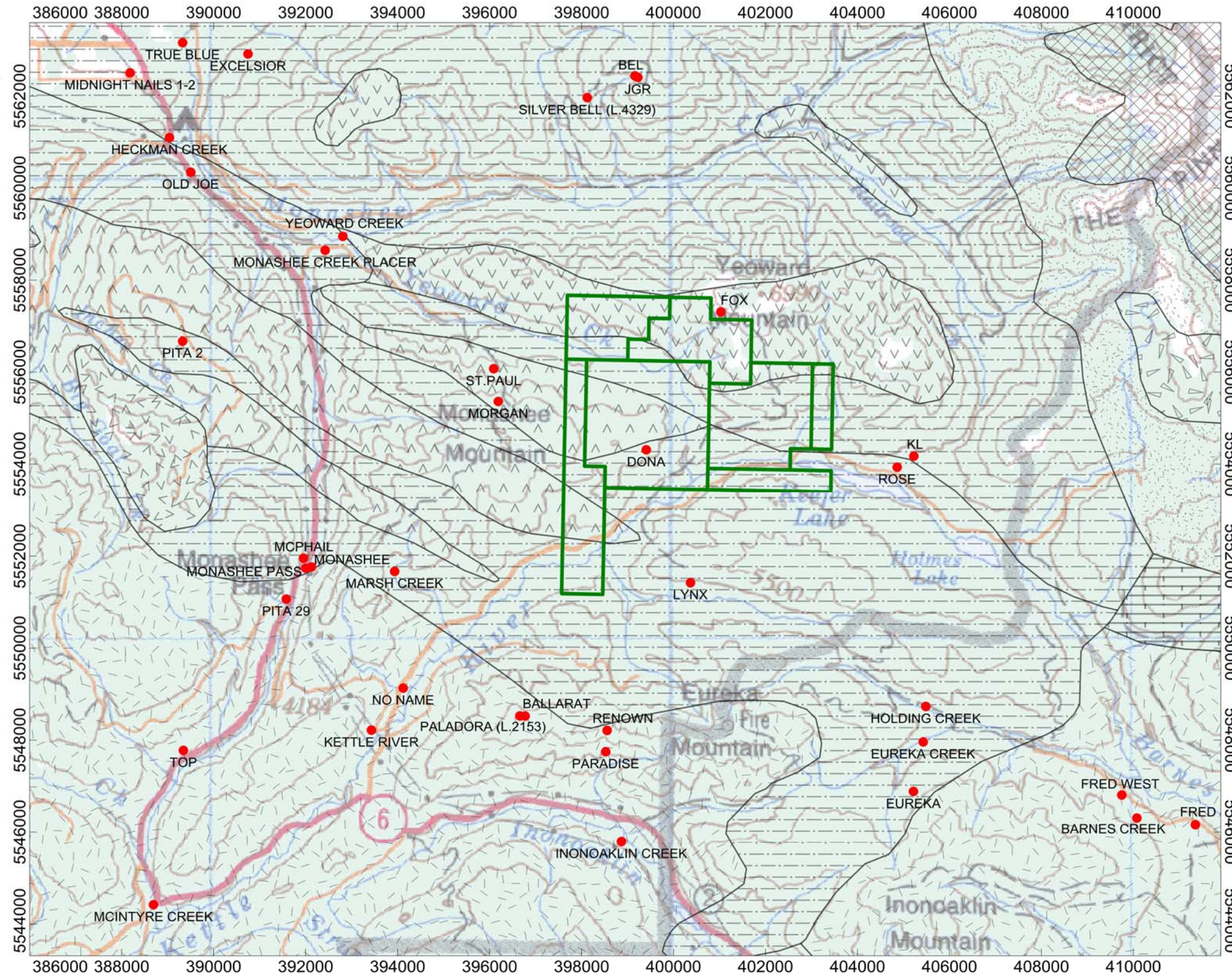
- > 20
- 10 - 20
- 5 - 10
- 1 - 5
- < 1




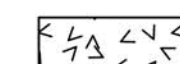
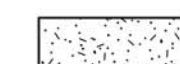

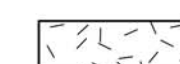
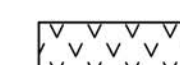
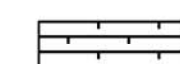

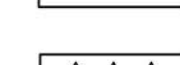


ESO Uranium Corp.  
**Figure 3 - Historical Exploration Compilation - A2**  
Monashee Mountain, British Columbia  
GPA - August 2010

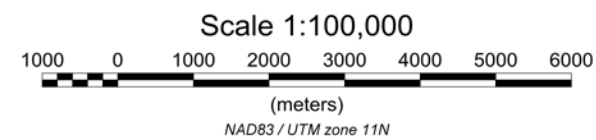


**ESO**  
URANIUM CORP.



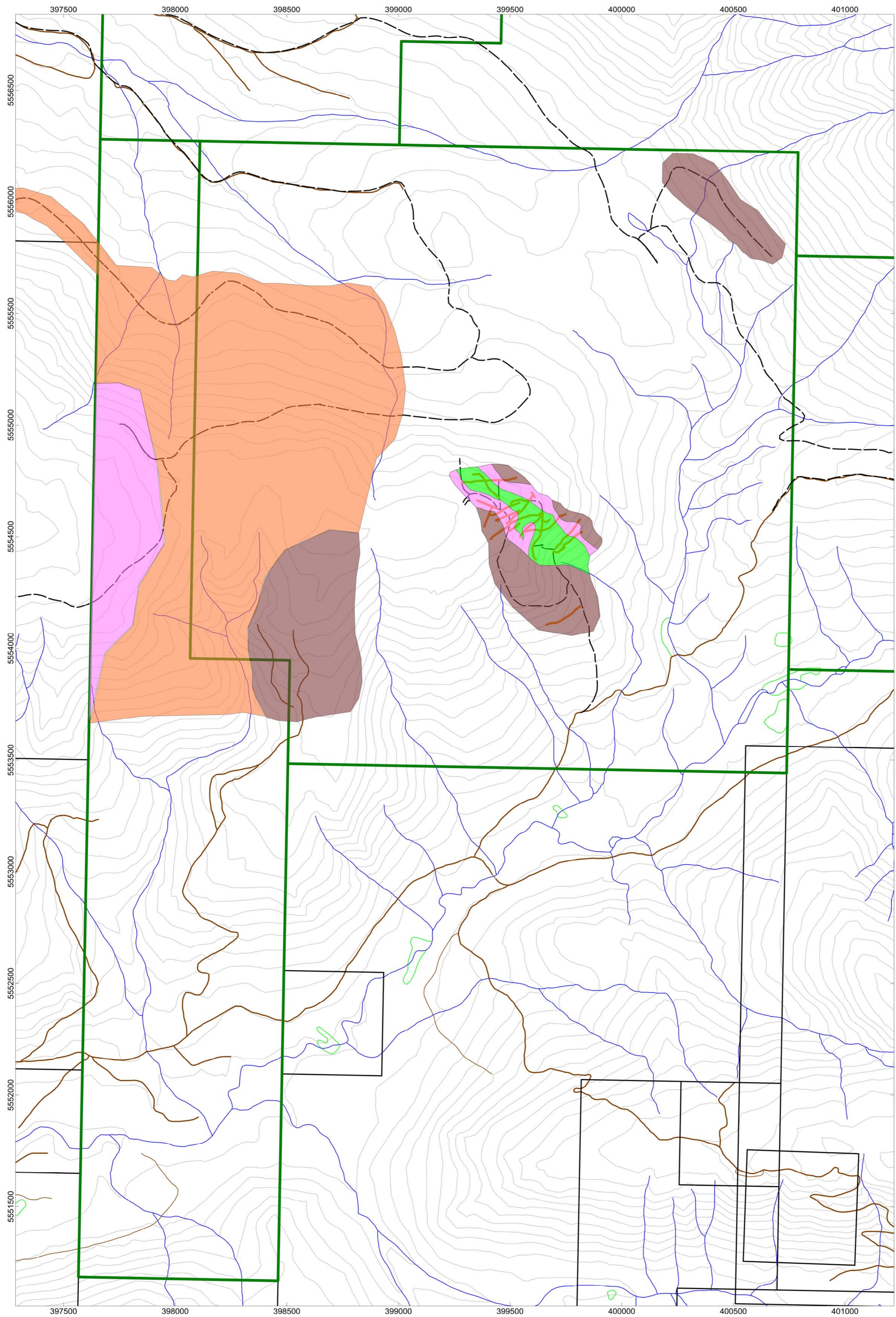
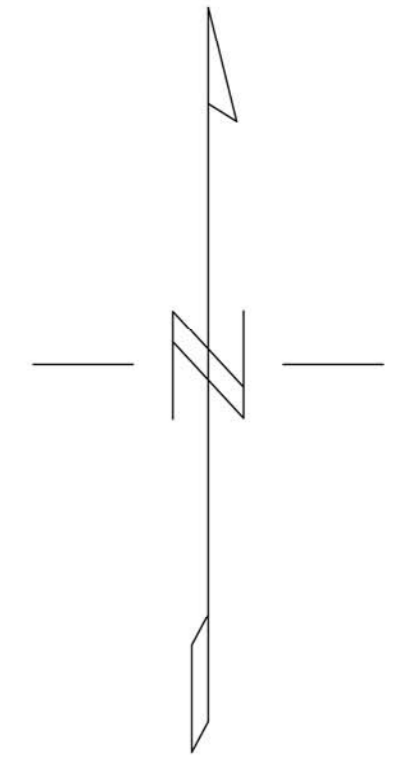
**LEGEND**

-  ESO Mineral Tenure Boundary
-  Miocene to Pliocene basaltic volcanic rocks (Chilcotin Group)
-  Paleogene alkali feldspar granite intrusive rocks (unnamed)
-  Mesozoic Pegmatitic rocks (unnamed)
-  Middle Jurassic granodioritic intrusive rocks (Nelson Intrusions)
-  Upper Triassic to Lower Jurassic undivided volcanic rocks (Nicola Group)
-  Triassic limestone, slate, siltstone, argillite (Slocan Group)
-  Devonian to Triassic mudstone, shale, siltstone, fine clastic sedimentary rocks (Harper Ranch and/or Nicola Groups)
-  Devonian to Triassic volcanic rocks (Harper Ranch and/or Nicola Groups)
-  Proterozoic to Lower Paleozoic paragneiss (Monashee Complex)
-  BC MINFILE Record



ESO Uranium Corp.  
**Figure 4 - Regional Geology**  
Donna Gold Project  
Monashee Mountain, British Columbia  
GPA - August 2010

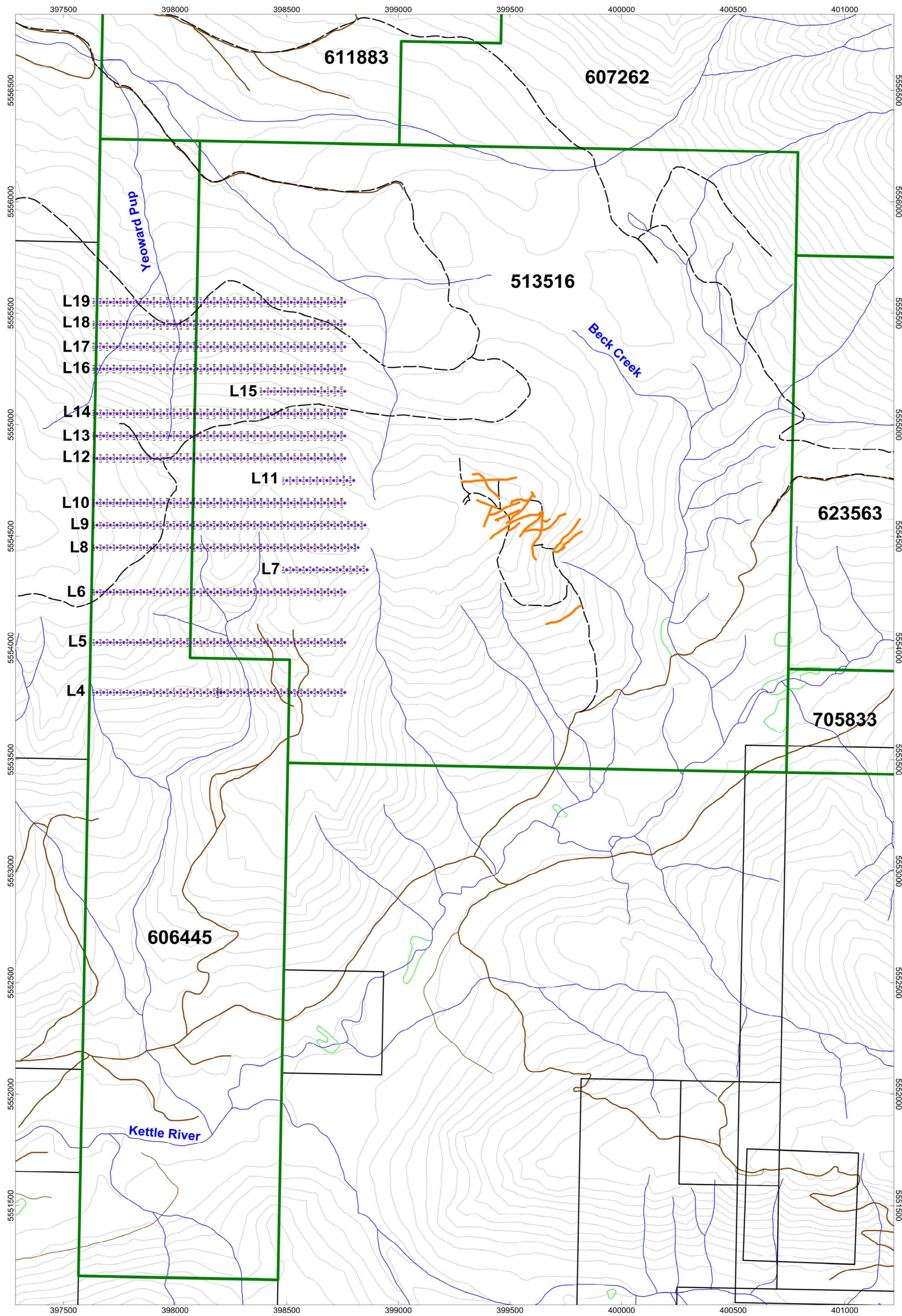
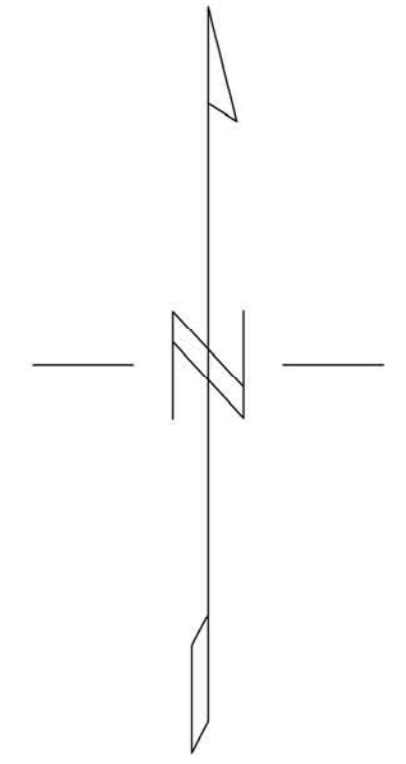




- LEGEND**
-  ESO Mineral Claims
  -  Trenches Located by GPS in 2009
  -  Roads Located by GPS in 2009
  -  Roads
  -  Water Courses
  -  Swamp
  -  Diorite
  -  Volcanics (Tuff, Dacite)
  -  Argillite
  -  Black Shale

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 (meters)  
 NAD83 / UTM zone 11N

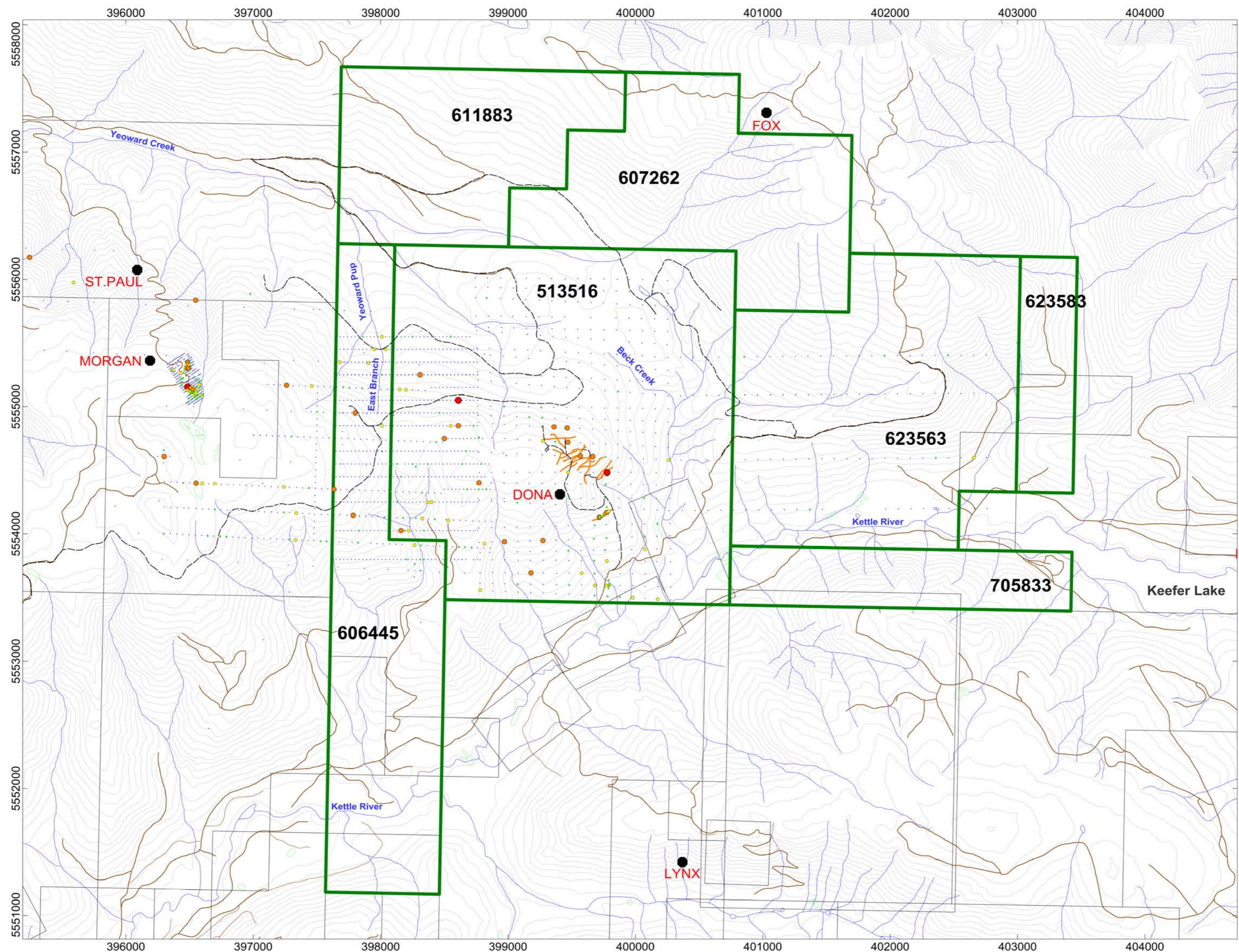
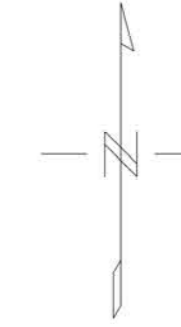
ESO Uranium Corp.  
**Figure 5 - Property Geology - A1**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**  
 GPA - August 2010



- LEGEND**
- 2010 Soil Sample Location
  - ESO Mineral Claims
  - Trenches Located by GPS in 2009
  - Roads Located by GPS in 2009
  - Roads
  - Water Courses
  - Swamp

Scale 1:10,000  
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 (meters)  
 NAD83 / UTM zone 11N

ESO Uranium Corp.  
**Figure 6 - Soil Sample Locations - A1**  
 Donna Gold Project  
 Monashee Mountain, British Columbia  
 GPA - August 2010

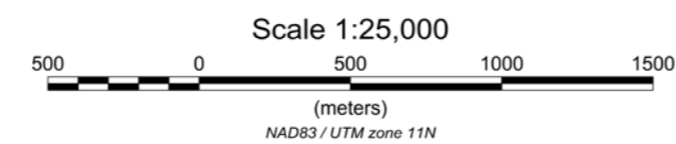


**LEGEND**

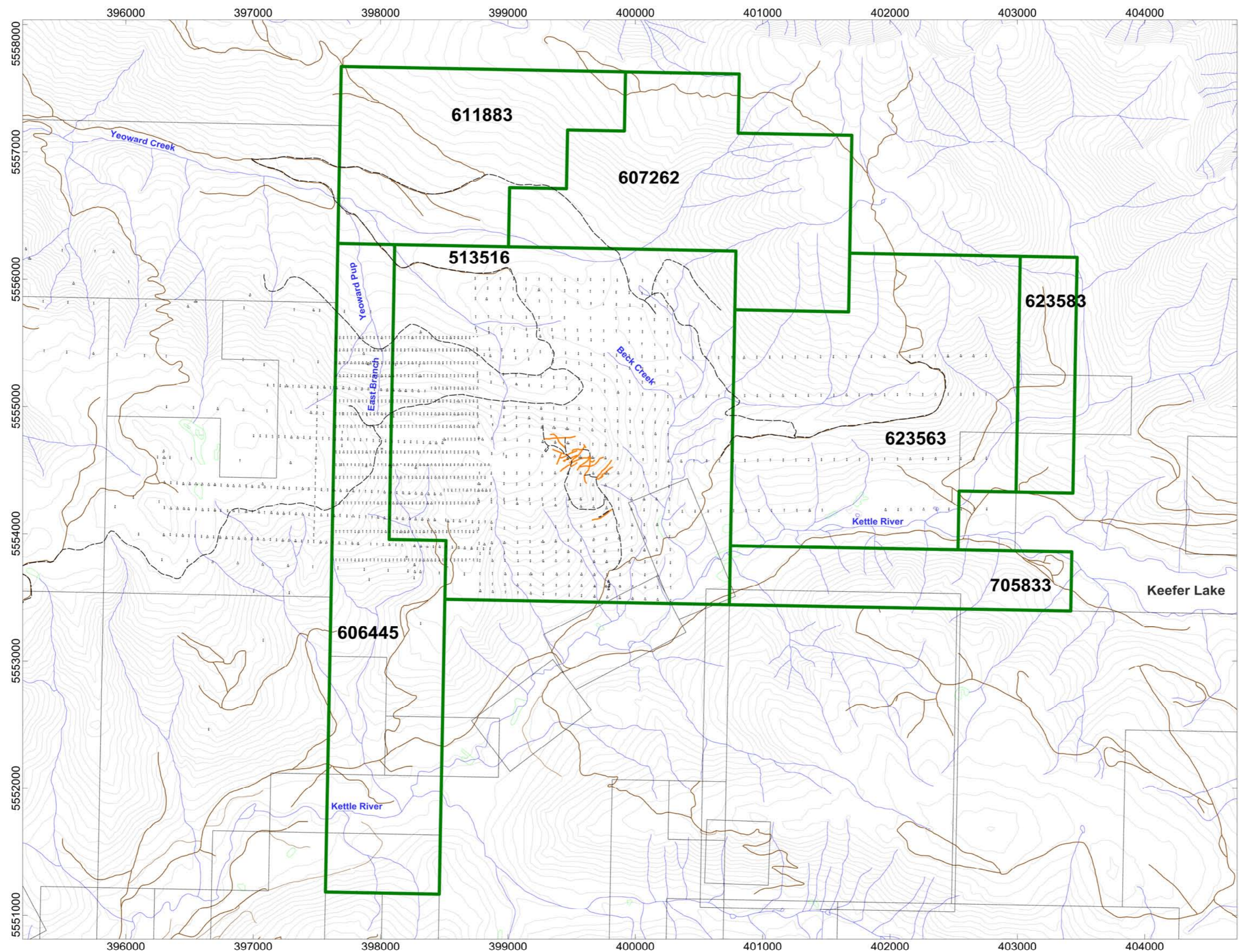
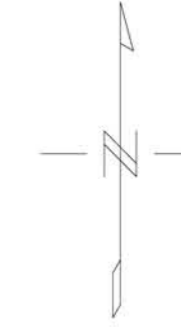
- BC MINFILE Record
- ESO Mineral Claims
- Other Mineral or Placer Claims
- Trenches Located by GPS in 2009
- - - Roads Located by GPS in 2009
- Roads
- Water Courses
- Swamp

**Au in Soil (ppb)**

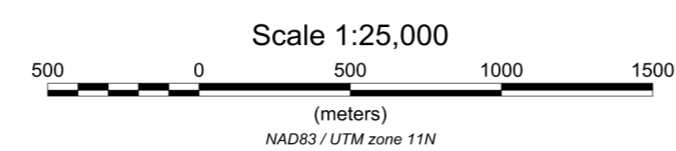
- > 600 (very strongly anomalous)
- 100 - 600 (strongly anomalous)
- 40 - 100 (anomalous)
- 20 - 40 (weakly anomalous)
- < 20 (background)



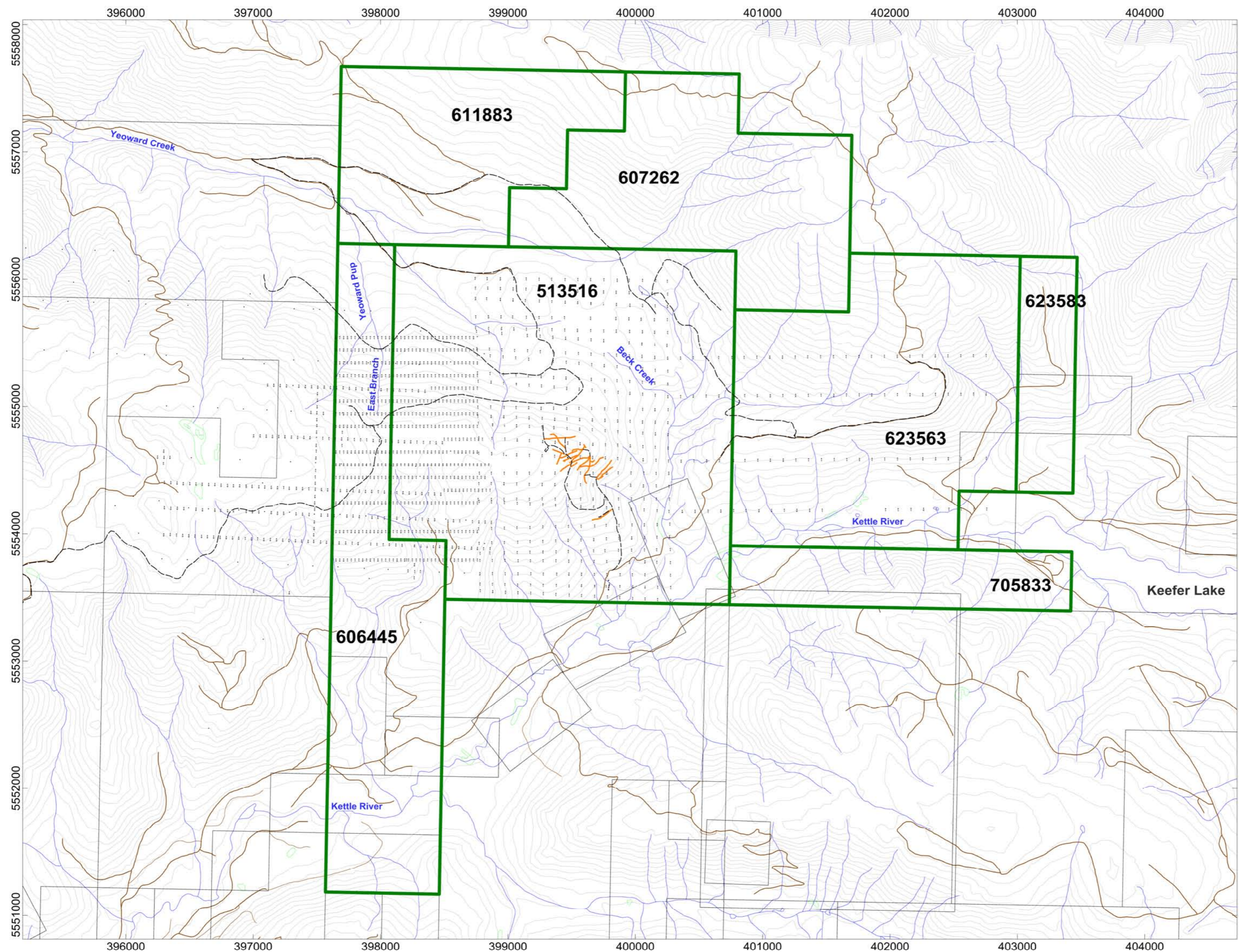
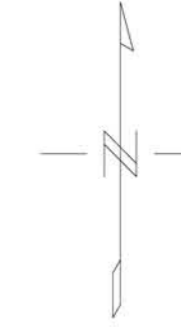
ESO Uranium Corp.  
**Figure 7 - Gold in Soil - A2**  
Monashee Mountain, British Columbia  
GPA - August 2010



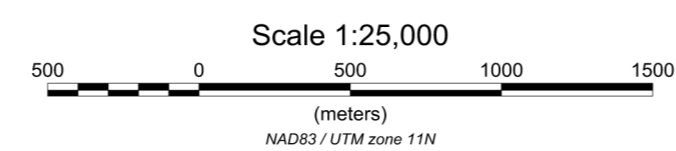
- LEGEND**
- Soil Sample Locations with Au in ppb
  - ESO Mineral Claims
  - Other Mineral or Placer Claims
  - Trenches Located by GPS in 2009
  - - - Roads Located by GPS in 2009
  - Roads
  - Water Courses
  - Swamp



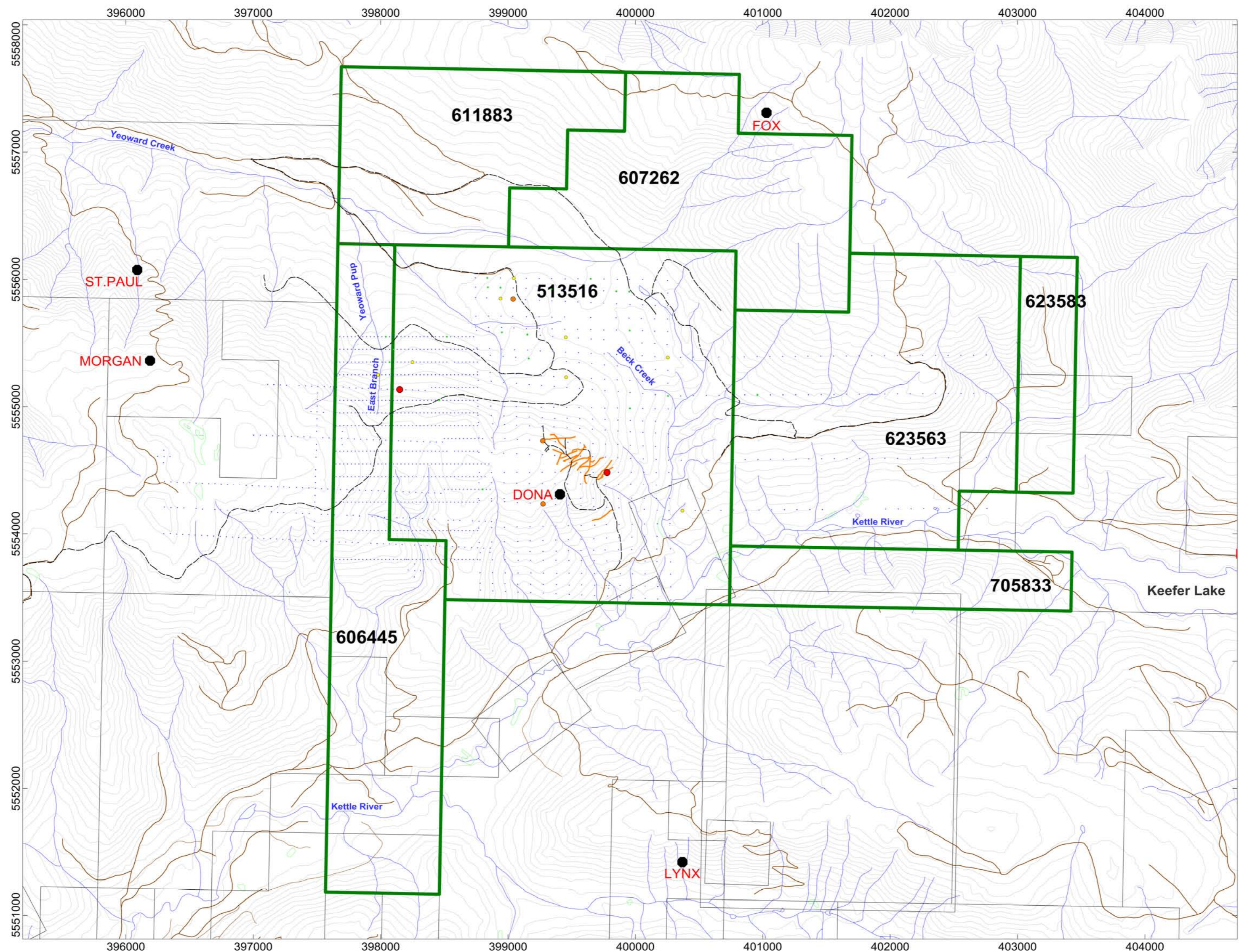
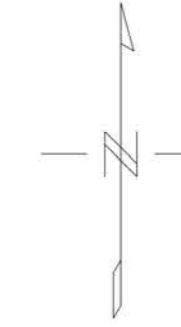
ESO Uranium Corp.  
**Figure 7 - Gold in Soil - A2**  
 Monashee Mountain, British Columbia  
 GPA - August 2010



- LEGEND**
- Soil Sample Locations with Ag in ppm
  - ESO Mineral Claims
  - Other Mineral or Placer Claims
  - Trenches Located by GPS in 2009
  - - - Roads Located by GPS in 2009
  - Roads
  - Water Courses
  - Swamp



ESO Uranium Corp.  
**Figure 8 - Silver in Soil - A2**  
 Monashee Mountain, British Columbia  
 GPA - August 2010

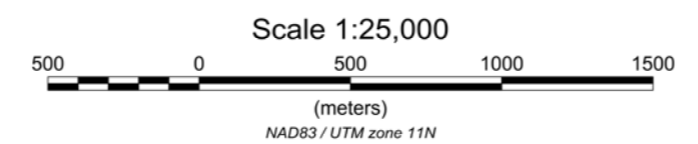


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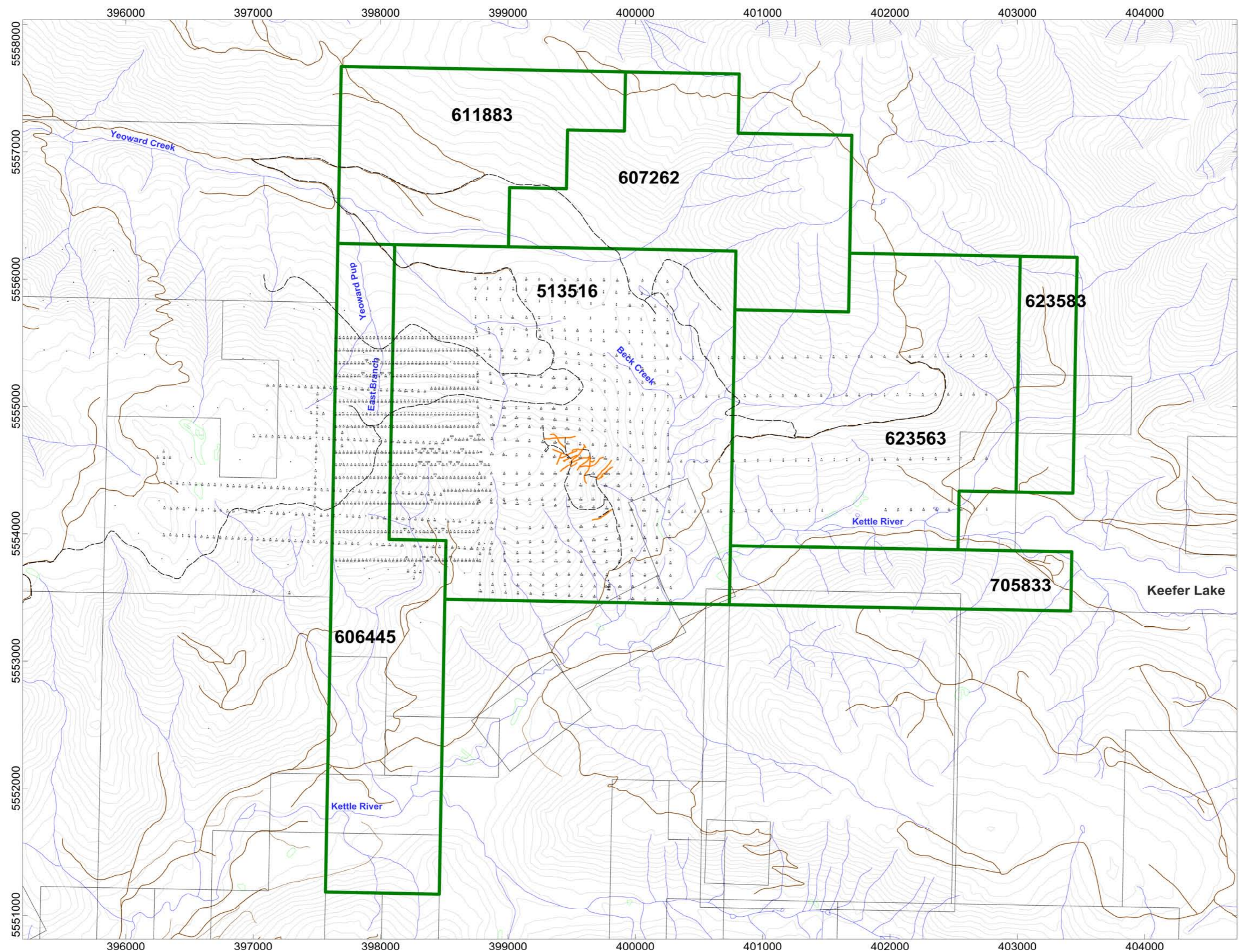
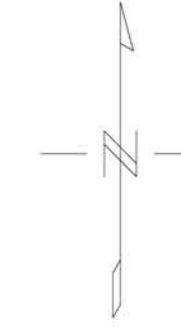
- BC MINFILE Record
- ESO Mineral Claims
- Other Mineral or Placer Claims
- Trenches Located by GPS in 2009
- - - Roads Located by GPS in 2009
- Roads
- Water Courses
- Swamp

**Silver in Soil (ppm)**

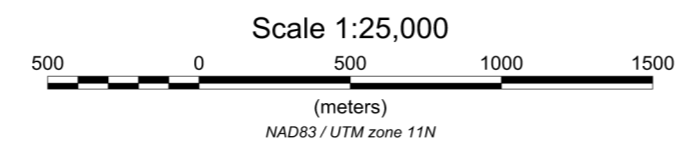
- > 9.8
- 4.9 - 9.8
- 3.4 - 4.9
- 2.5 - 3.4
- < 2.5



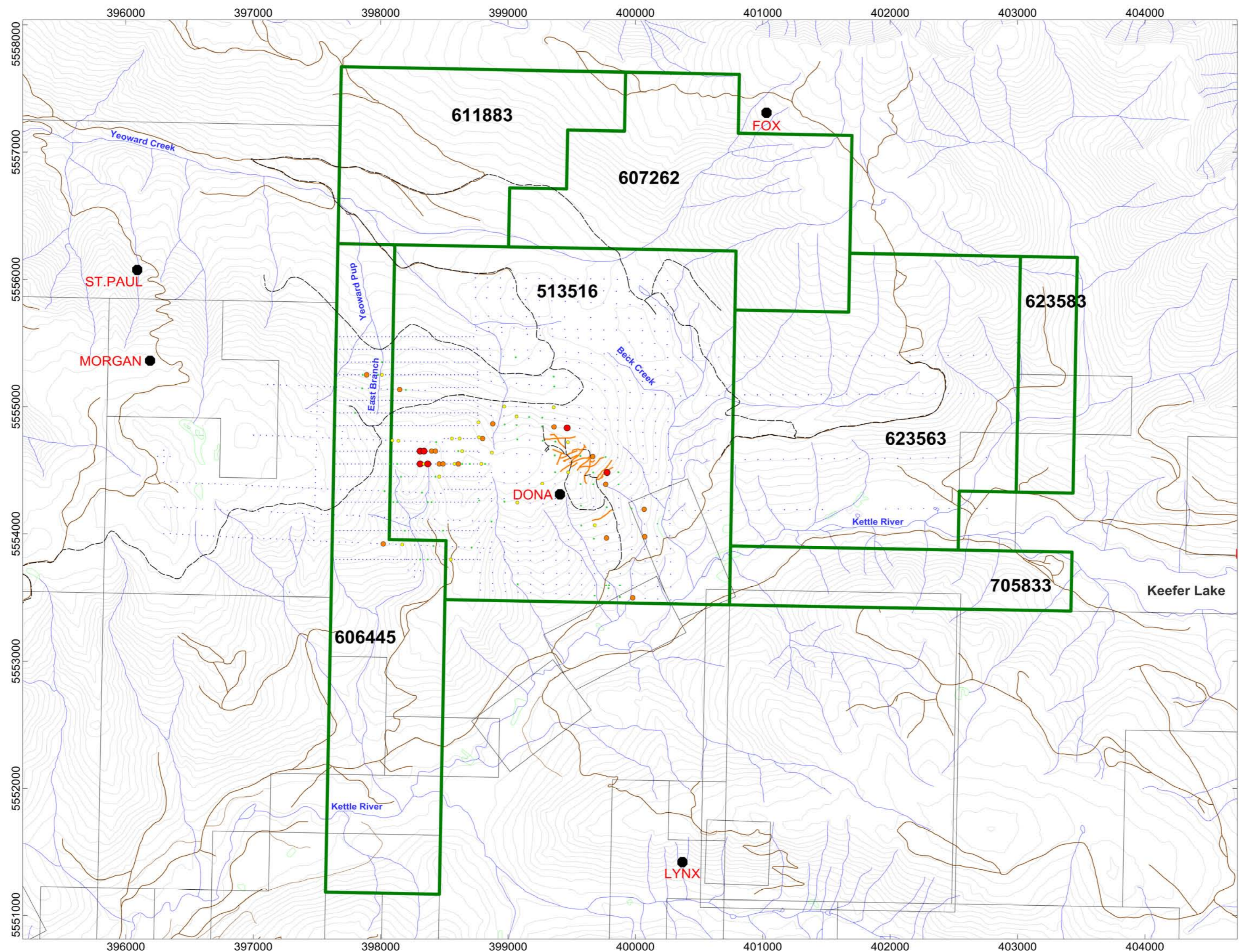
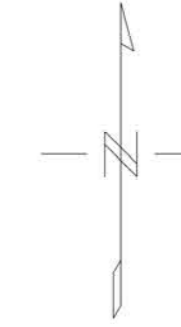
ESO Uranium Corp.  
**Figure 8 - Silver in Soil - A2**  
Monashee Mountain, British Columbia  
GPA - August 2010



- LEGEND**
- Soil Sample Locations with As in ppm
  - ESO Mineral Claims
  - Other Mineral or Placer Claims
  - Trenches Located by GPS in 2009
  - - - Roads Located by GPS in 2009
  - Roads
  - Water Courses
  - Swamp

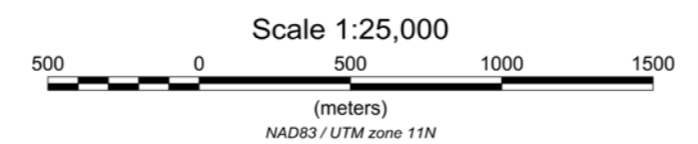


ESO Uranium Corp.  
**Figure 9 - Arsenic in Soil - A2**  
 Monashee Mountain, British Columbia  
 GPA - August 2010



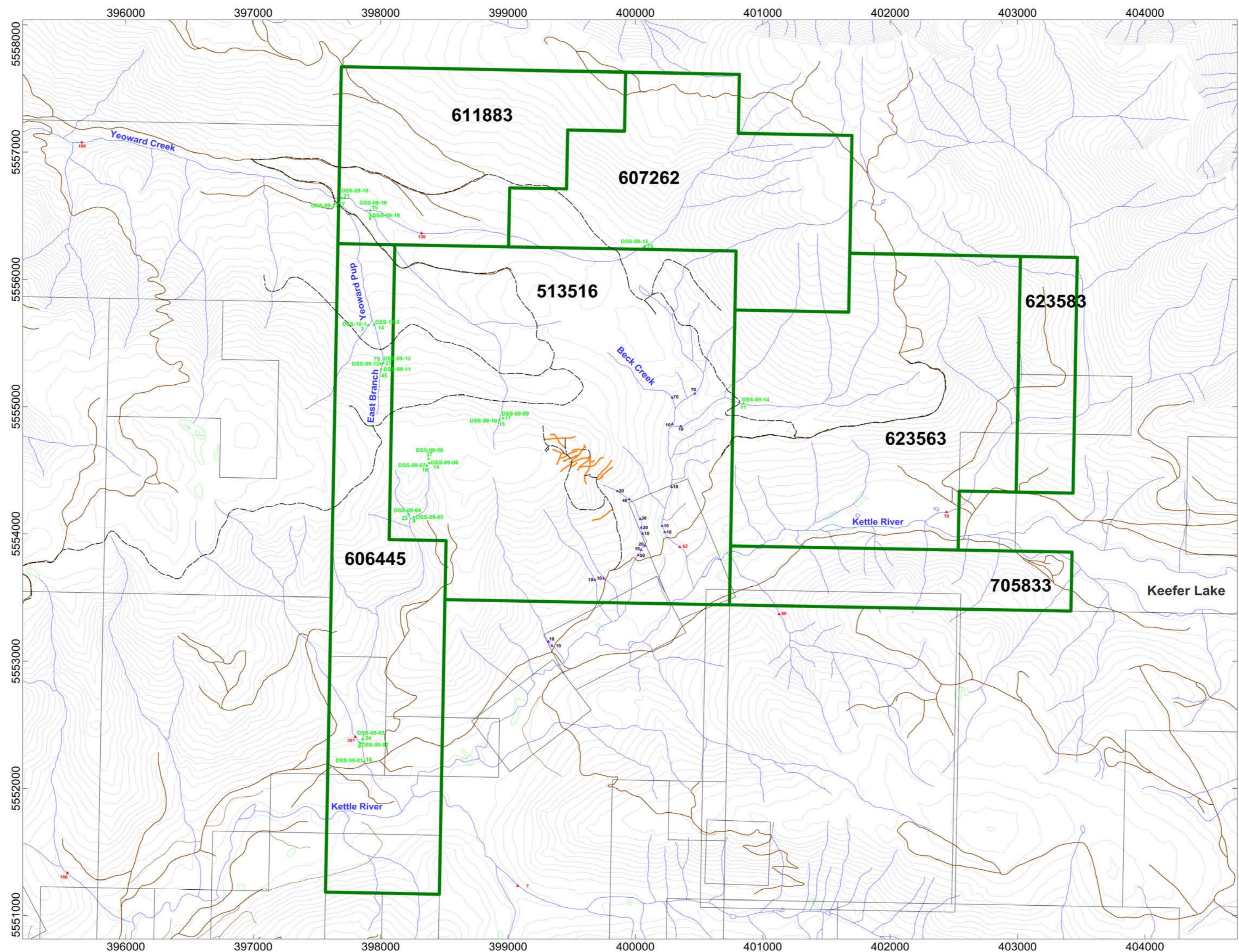
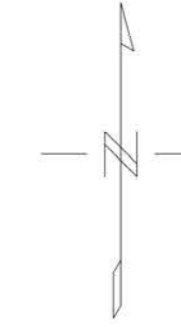
- LEGEND**
- BC MINFILE Record
  - ESO Mineral Claims
  - Other Mineral or Placer Claims
  - Trenches Located by GPS in 2009
  - - - Roads Located by GPS in 2009
  - Roads
  - Water Courses
  - Swamp

- Arsenic in Soil (ppm)**
- > 1400
  - 700 - 1400
  - 350 - 700
  - 150 - 350
  - < 150



ESO Uranium Corp.  
**Figure 9 - Arsenic in Soil - A2**  
 Monashee Mountain, British Columbia  
 GPA - August 2010



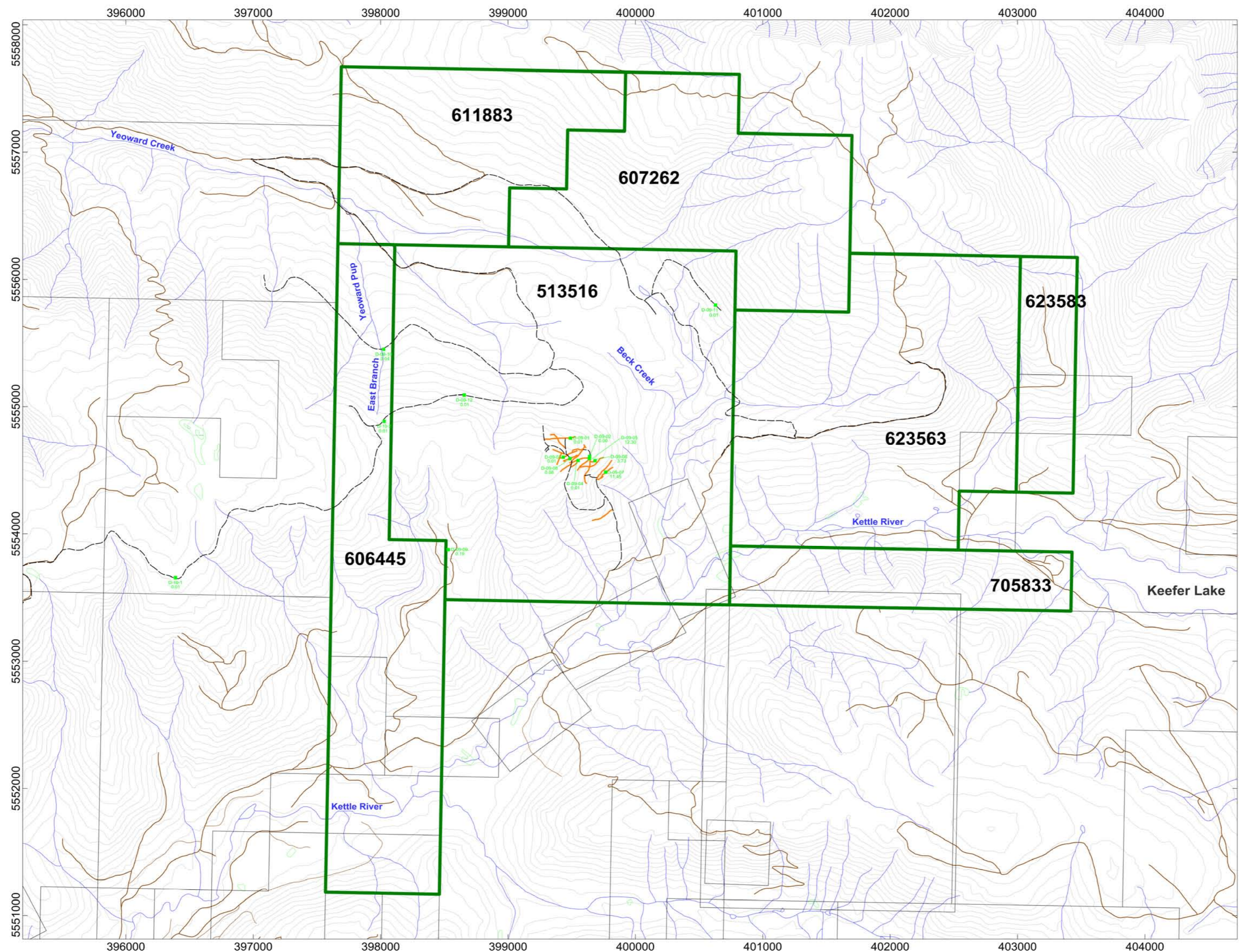


**LEGEND**

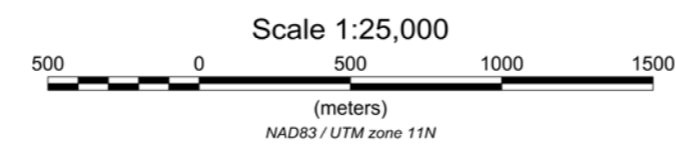
- ▲ 1973 Silt Sample Locations with Au ppb
- ▲ 1976 Silt Sample Locations with Au ppb
- ▲ 2009-10 Silt Sample Locations with Au ppb
- ESO Mineral Claims
- Other Mineral or Placer Claim
- Trenches Located by GPS in 2009
- Roads Located by GPS in 2009
- Roads
- Water Courses
- Swamp

Scale 1:25,000  
500 0 500 1000 1500  
(meters)  
NAD83 / UTM zone 11N

ESO Uranium Corp.  
**Figure 10 - Stream Sediment Geochemical Survey - A2**  
Monashee Mountain, British Columbia  
GPA - August 2010



- LEGEND**
- 2009-10 Rock Sample Locations with Au ppm
  - ESO Mineral Claims
  - Other Mineral or Placer Claims
  - Trenches Located by GPS in 2009
  - - - Roads Located by GPS in 2009
  - Roads
  - Water Courses
  - Swamp



ESO Uranium Corp.  
**Figure 11 - Rock Geochemical Survey - A2**  
**Monashee Mountain, British Columbia**  
 GPA - August 2010

## **TABLES**

**TABLE 1**

**Soil Geochemical Results**

**Table 1**  
**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L4-1	J992088	July 7, 2010	3	1.1	6.81	56	750	1.4	<2	1.67	2	12	70	35	3.01	10	1.25	30	0.84
L4-2	J992087	July 7, 2010	<1	1.1	7.64	24	880	1.4	<2	1.14	1.4	13	68	29	3.5	20	1.47	20	0.97
L4-3	J992086	July 7, 2010	<1	0.9	7.49	85	1300	1.4	<2	1.34	1.5	19	82	54	5.26	20	1.75	20	1.29
L4-4	J992085	July 7, 2010	<1	1	8.24	29	740	1.5	<2	1.2	1.2	12	44	27	3.31	20	1.36	20	0.67
L4-5	J992084	July 7, 2010	4	2	7.57	86	900	1.4	<2	1.43	1	14	80	39	3.79	20	1.36	30	1.1
L4-6	J992083	July 7, 2010	<1	0.7	7.07	31	840	1.3	<2	1.11	1.1	13	58	28	3.44	20	1.39	20	0.8
L4-7	J992082	July 7, 2010	3	1.9	7.63	144	760	1.5	<2	1.87	2.8	15	81	59	3.85	20	1.22	20	1
L4-8	J992081	July 7, 2010	1	1.2	7.1	371	910	1.5	<2	1.37	1.3	13	70	47	3.53	20	1.5	30	1.04
L4-9	J992080	July 7, 2010	<1	1.3	8.28	44	780	1.5	<2	1.13	1.3	13	67	26	3.58	20	1.39	20	0.9
L4-10	J992079	July 7, 2010	1	1.3	7.58	50	930	1.4	<2	1.37	1.2	16	69	40	3.99	20	1.34	20	1.11
L4-11	J992078	July 7, 2010	4	0.9	8.1	75	1040	1.5	<2	1.54	1.5	17	69	50	4.21	20	1.49	30	1.29
L4-12	J992077	July 7, 2010	8	0.9	7.69	100	1220	1.3	<2	1.81	1.4	18	90	51	4.65	20	1.52	20	1.47
L4-13	J992076	July 7, 2010	13	0.7	7.38	108	1410	1.2	<2	1.96	0.9	16	139	55	4.31	10	1.59	10	1.88
L4-14	J992075	July 7, 2010	13	0.7	7.05	268	1360	1.2	<2	1.95	1.2	22	167	75	5	20	1.62	20	2.13
L4-15	J992074	July 7, 2010	23	1.5	7.33	146	1170	1.1	<2	1.62	1.2	21	124	60	4.53	10	1.48	20	1.79
L4-16	J992073	July 7, 2010	27	1.1	7.62	156	1330	1.2	<2	2.02	1.5	23	197	71	5.11	10	1.44	10	2.42
L4-17	J992072	July 7, 2010	<1	1	7.38	43	680	1.1	<2	1.09	0.9	14	76	36	4.38	20	1.27	20	1.33
L4-18	J992071	July 7, 2010	<1	1.1	7.68	81	830	1.4	<2	1.12	0.9	15	69	48	4.26	20	1.41	20	1.11
L4-19	J992070	July 7, 2010	<1	1.1	7.98	75	800	1.5	<2	1.08	1.3	15	52	37	3.71	20	1.26	20	0.89
L4-19A	J992069	July 7, 2010	23	1.1	7.62	42	770	1.3	<2	1.02	1.5	20	62	41	3.95	20	1.28	20	1
L4-20	J992068	July 7, 2010	4	<0.5	7.4	20	980	1.6	<2	0.92	0.8	12	71	36	3.64	20	1.75	40	1.15
L4-21	J992067	July 7, 2010	1	0.6	7.53	21	770	1.4	<2	1.11	1	12	59	26	3.44	20	1.34	30	0.89
L4-22	J992066	July 7, 2010	<1	<0.5	7.76	25	570	1	<2	1.07	0.7	16	56	32	3.81	20	1.14	20	1.35
L4-23	J992065	July 7, 2010	<1	0.9	7.94	21	660	1.4	<2	1.04	1.5	11	49	30	3.36	20	1.29	30	0.88
L4-24	J992064	July 7, 2010	5	1.4	7.57	14	1160	1.3	<2	0.97	1.4	14	67	60	4.33	20	1.2	20	1.28
L4-25	J992063	July 7, 2010	2	1	7.66	22	720	1.2	<2	0.99	1.6	15	67	38	3.8	20	1.16	20	1.25
L4-26	J992062	July 7, 2010	<1	1.2	7.88	12	640	1.4	<2	1.02	1.2	10	38	24	3.05	20	1.23	30	0.66
L4-27	J992061	July 7, 2010	<1	<0.5	7.61	18	600	1.3	<2	0.92	0.8	12	48	26	3.14	20	1.22	20	0.85
L4-28	J992060	July 7, 2010	<1	0.5	8.05	17	710	1.4	<2	1.02	0.6	10	48	27	3.3	20	1.38	30	0.87
L4-29	J992059	July 7, 2010	<1	<0.5	7.48	11	710	1.3	<2	1.07	<0.5	11	48	23	3.17	20	1.31	20	0.81
L4-30	J992058	July 7, 2010	<1	0.5	7.02	10	810	1.4	<2	1.14	<0.5	12	62	27	3.28	20	1.35	30	0.93
L4-31	J992057	July 7, 2010	2	<0.5	7.33	16	600	0.9	<2	0.86	0.5	15	69	41	3.55	20	1.09	10	1.44
L4-32	J992056	July 7, 2010	5	0.6	7.69	25	680	1	<2	0.98	0.7	18	75	40	3.94	20	1.09	10	1.48
L4-33	J992055	July 7, 2010	6	0.5	8.19	21	620	1	<2	1.09	0.5	18	79	40	4.02	20	1.12	10	1.5
L4-34	J992054	July 7, 2010	<1	0.6	7.9	24	700	1.2	<2	1	<0.5	17	80	49	3.94	20	1.19	10	1.08
L4-35	J992053	July 7, 2010	<1	0.8	8.32	20	570	1.5	<2	1.43	0.7	18	82	56	4.01	20	1.11	20	1.05
L4-36	J992052	July 7, 2010	1	<0.5	7.66	22	730	1.2	<2	1.04	0.6	19	89	51	3.91	20	1.19	20	1.19
L4-37	J992051	July 7, 2010	<1	<0.5	7.22	13	680	1.2	<2	1.36	0.5	20	144	42	3.95	20	1.17	20	1.75
L4-38	J992050	July 7, 2010	<1	<0.5	7.05	15	770	1.4	<2	1.21	0.5	13	91	39	3.6	20	1.35	20	1.34
L5-1	J992089	July 7, 2010	<1	<0.5	6.64	11	740	1.1	<2	1.66	0.7	30	300	67	5.33	20	1.15	20	3.35
L5-2	J992090	July 7, 2010	<1	<0.5	7.45	18	600	1.2	<2	0.99	<0.5	16	66	39	3.9	20	1.14	20	1.22
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

**Table 1**  
**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L4-1	J992088	July 7, 2010	784	1	1.45	53	870	10	0.04	5	12	312	<20	0.29	<10	<10	94	<10	113
L4-2	J992087	July 7, 2010	777	1	1.52	41	1040	9	0.02	<5	12	251	<20	0.34	<10	<10	111	<10	173
L4-3	J992086	July 7, 2010	946	3	1.15	61	1120	7	0.01	7	15	403	<20	0.34	<10	<10	139	<10	195
L4-4	J992085	July 7, 2010	945	1	1.79	21	1830	10	0.02	<5	10	272	<20	0.35	<10	<10	81	<10	155
L4-5	J992084	July 7, 2010	673	1	1.48	40	1050	7	0.02	<5	14	302	<20	0.34	<10	<10	125	<10	137
L4-6	J992083	July 7, 2010	738	2	1.52	24	770	10	0.02	<5	11	245	<20	0.35	<10	<10	110	<10	138
L4-7	J992082	July 7, 2010	850	1	1.35	57	1480	11	0.07	<5	13	321	<20	0.3	<10	<10	108	<10	142
L4-8	J992081	July 7, 2010	664	1	1.31	45	900	13	0.02	<5	12	260	<20	0.29	<10	<10	114	<10	104
L4-9	J992080	July 7, 2010	700	1	1.66	61	1610	11	0.02	<5	11	267	<20	0.37	<10	<10	93	<10	192
L4-10	J992079	July 7, 2010	620	1	1.46	54	1090	10	0.02	7	13	340	<20	0.35	<10	<10	120	<10	195
L4-11	J992078	July 7, 2010	563	<1	1.69	53	1010	9	0.01	<5	14	379	<20	0.36	<10	<10	125	<10	170
L4-12	J992077	July 7, 2010	587	1	1.56	63	1070	7	0.02	5	15	504	<20	0.39	<10	<10	155	<10	195
L4-13	J992076	July 7, 2010	439	<1	1.5	77	860	4	0.01	7	15	552	<20	0.4	<10	<10	161	<10	129
L4-14	J992075	July 7, 2010	768	1	1.29	90	1560	3	0.02	<5	18	525	<20	0.38	<10	<10	172	<10	154
L4-15	J992074	July 7, 2010	920	1	1.62	68	1590	8	0.02	<5	16	439	<20	0.34	<10	<10	155	<10	139
L4-16	J992073	July 7, 2010	689	1	1.41	101	2040	13	0.02	12	17	494	<20	0.37	<10	<10	172	<10	178
L4-17	J992072	July 7, 2010	688	1	1.92	29	1500	6	0.03	<5	13	275	<20	0.35	<10	<10	123	<10	114
L4-18	J992071	July 7, 2010	689	2	1.57	46	1580	14	0.03	<5	12	270	<20	0.36	<10	<10	114	<10	168
L4-19	J992070	July 7, 2010	667	<1	1.65	37	1290	13	0.03	<5	11	276	<20	0.35	<10	<10	95	<10	185
L4-19A	J992069	July 7, 2010	744	<1	1.59	46	1030	11	0.02	6	12	261	<20	0.35	<10	<10	107	<10	194
L4-20	J992068	July 7, 2010	402	2	1.44	40	490	13	0.01	<5	13	243	<20	0.38	<10	<10	122	10	132
L4-21	J992067	July 7, 2010	954	2	1.67	27	900	12	0.02	<5	11	258	<20	0.37	<10	10	96	<10	137
L4-22	J992066	July 7, 2010	593	2	2.1	26	770	9	0.02	<5	13	262	<20	0.36	<10	10	116	<10	105
L4-23	J992065	July 7, 2010	604	2	1.82	29	1090	11	0.02	<5	11	259	<20	0.36	<10	10	88	<10	152
L4-24	J992064	July 7, 2010	406	3	1.5	60	990	10	0.02	6	16	486	<20	0.42	<10	10	155	<10	258
L4-25	J992063	July 7, 2010	795	1	1.82	35	840	8	0.02	<5	13	258	<20	0.35	<10	10	109	<10	157
L4-26	J992062	July 7, 2010	673	2	1.78	19	1590	10	0.03	<5	9	243	<20	0.35	<10	10	74	<10	122
L4-27	J992061	July 7, 2010	750	2	1.86	21	1140	10	0.03	<5	10	234	<20	0.35	<10	10	84	<10	90
L4-28	J992060	July 7, 2010	492	1	1.87	24	1300	12	0.02	<5	11	254	<20	0.36	<10	10	92	<10	91
L4-29	J992059	July 7, 2010	564	<1	1.78	19	980	12	0.02	<5	10	253	<20	0.36	<10	<10	94	<10	98
L4-30	J992058	July 7, 2010	512	<1	1.54	29	910	13	0.01	<5	11	249	<20	0.35	<10	10	101	<10	99
L4-31	J992057	July 7, 2010	507	<1	2.13	26	730	8	0.02	<5	13	230	<20	0.31	<10	10	112	<10	78
L4-32	J992056	July 7, 2010	615	<1	2.02	28	940	8	0.03	<5	13	239	<20	0.34	<10	<10	122	<10	102
L4-33	J992055	July 7, 2010	852	<1	2.34	29	810	7	0.02	<5	13	260	<20	0.37	<10	<10	117	<10	91
L4-34	J992054	July 7, 2010	586	<1	1.76	34	900	12	0.02	<5	12	233	<20	0.35	<10	10	113	<10	110
L4-35	J992053	July 7, 2010	696	<1	1.6	35	970	14	0.03	<5	11	254	<20	0.38	<10	<10	92	<10	120
L4-36	J992052	July 7, 2010	766	<1	1.68	38	930	10	0.02	<5	12	234	<20	0.34	<10	10	115	<10	111
L4-37	J992051	July 7, 2010	699	<1	1.7	51	850	11	0.02	<5	12	250	<20	0.33	<10	10	106	<10	86
L4-38	J992050	July 7, 2010	550	<1	1.57	36	910	9	0.01	<5	12	247	<20	0.34	<10	<10	112	<10	86
L5-1	J992089	July 7, 2010	968	<1	1.41	90	1080	12	0.02	<5	17	222	<20	0.35	<10	<10	137	<10	91
L5-2	J992090	July 7, 2010	747	<1	1.86	27	840	13	0.02	<5	12	235	<20	0.37	<10	10	110	<10	91
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L5-3	J992091	July 7, 2010	<1	<0.5	7.28	18	660	1.3	<2	1	0.5	14	64	37	3.67	20	1.2	20	1.14
L5-4	J992092	July 7, 2010	<1	0.5	7.43	10	620	1.4	<2	0.99	0.5	12	46	30	3.2	20	1.19	20	0.8
L5-5	J992093	July 7, 2010	<1	<0.5	6.81	12	680	1.2	<2	1.1	<0.5	12	62	33	3.25	20	1.23	20	1
L5-6	J992094	July 7, 2010	4	<0.5	7.71	19	570	1.2	<2	1.48	0.9	18	95	50	3.86	20	1.1	20	1.35
L5-7	J992095	July 7, 2010	21	<0.5	7.06	16	690	1.2	<2	0.98	0.5	16	80	32	3.88	20	1.23	20	1.29
L5-8	J992096	July 7, 2010	<1	0.5	7.36	13	650	1.3	<2	1.08	<0.5	15	71	38	3.67	20	1.15	20	1.05
L5-9	J992097	July 7, 2010	<1	<0.5	7.89	13	740	1.5	<2	1.21	0.5	20	64	81	4.35	20	1.22	20	1.24
L5-10	J992098	July 7, 2010	<1	<0.5	8.15	42	900	1.4	<2	0.93	0.8	40	118	126	5.55	20	1.31	20	1.59
L5-11	J992099	July 7, 2010	<1	<0.5	6.8	6	720	1.2	<2	1.02	0.6	10	59	23	3.43	20	1.25	20	0.91
L5-12	J992100	July 7, 2010	<1	<0.5	6.8	23	810	1.3	<2	0.89	0.7	13	72	32	3.63	20	1.26	20	1.1
L5-13	J992101	July 7, 2010	4	<0.5	6.67	25	530	0.9	<2	0.45	2.6	26	54	106	5.04	10	0.76	10	1.24
L5-14	J992102	July 7, 2010	10	0.5	7.02	65	840	1.2	<2	0.97	0.5	14	69	42	4.17	20	1.13	10	1.12
L5-15	J992103	July 7, 2010	5	<0.5	7.94	61	620	1.2	<2	0.88	0.7	12	41	45	3.66	20	1.03	10	0.99
L5-16	J992104	July 7, 2010	<1	0.8	7.98	17	740	1.5	<2	1.02	0.9	13	51	31	3.48	20	1.33	20	0.72
L5-17	J992126	July 8, 2010	4	0.5	7.64	37	860	1.5	<2	1.03	0.8	11	60	27	4.01	20	1.5	20	0.87
L5-18	J992125	July 8, 2010	307	<0.5	7.77	88	1000	1.4	<2	1.88	1.1	16	71	38	4.69	20	1.31	20	1.19
L5-19	J992124	July 8, 2010	38	0.9	7.84	164	860	1.3	<2	1.5	1.4	19	59	55	5.08	20	1.26	20	1.11
L5-20	J992123	July 8, 2010	57	0.7	7.67	108	820	1.4	<2	1.11	1.3	13	69	53	4.44	20	1.23	20	1.08
L5-21	J992122	July 8, 2010	8	0.9	7.32	116	1420	1.3	<2	2.57	1.6	24	165	79	5.64	20	1.69	20	2.26
L5-22	J992121	July 8, 2010	3	0.5	6.91	67	1070	1.3	<2	1.9	2.2	21	81	59	5.59	20	1.24	20	1.41
L5-23	J992120	July 8, 2010	4	0.9	7.56	74	960	1.4	<2	1.55	2.4	19	62	65	5.12	20	1.17	20	1.23
L5-24	J992119	July 8, 2010	24	1.1	8.1	150	1280	1.6	<2	1.67	1.7	23	76	91	6.31	20	1.41	20	1.82
L5-25	J992118	July 8, 2010	7	0.7	8.52	63	970	1.4	<2	1.42	1.1	20	58	51	4.71	20	1.27	20	1.6
L5-26	J992117	July 8, 2010	5	<0.5	8.1	109	1110	1.6	<2	1.34	1.2	21	78	93	5.45	20	1.46	20	1.68
L5-27	J992116	July 8, 2010	14	<0.5	7.7	114	1030	1.5	<2	1.38	1.7	21	71	62	5.02	20	1.38	20	1.2
L5-28	J992115	July 8, 2010	2	0.5	7.71	50	1030	1.6	<2	1.58	1.7	23	68	57	5.57	20	1.32	20	1.2
L5-29	J992114	July 8, 2010	<1	<0.5	7.85	190	920	1.6	<2	1.39	1.3	19	70	43	4.48	20	1.32	20	1.07
L5-30	J992113	July 8, 2010	8	1	7.9	30	970	1.6	<2	1.4	1.1	17	73	54	4.47	20	1.48	30	1.18
L5-31	J992112	July 8, 2010	<1	0.8	8.28	38	890	1.6	<2	1.31	1.3	19	61	40	3.9	20	1.39	20	0.93
L5-32	J992111	July 8, 2010	<1	0.8	8.01	34	970	1.6	<2	1.17	1	16	81	46	3.98	20	1.59	30	1.19
L5-33	J992110	July 8, 2010	<1	0.8	8.62	34	910	1.6	<2	1.07	1.2	14	65	46	4.04	20	1.47	20	0.93
L5-34	J992109	July 8, 2010	1	0.8	7.81	33	900	1.5	<2	1.17	1.2	11	65	39	3.87	20	1.48	30	0.94
L5-35	J992108	July 8, 2010	3	1	8.13	46	710	1.6	<2	2.03	2.4	19	110	61	4.02	20	1.19	30	1.19
L5-36	J992107	July 8, 2010	8	0.8	7.43	85	830	1.4	<2	1.19	1.2	12	68	40	3.71	20	1.3	20	0.99
L5-37	J992106	July 8, 2010	6	0.7	7.68	43	870	1.5	<2	1.2	1.2	12	66	52	3.83	20	1.41	20	0.95
L5-38	J992105	July 8, 2010	1	<0.5	6.97	33	780	1.5	<2	1.21	1.6	15	66	34	3.83	20	1.24	30	0.9
L6-1	J992157	July 9, 2010	4	<0.5	7.89	13	670	1.5	<2	0.93	0.6	16	59	51	4.18	20	1.33	20	1.11
L6-2	J992158	July 9, 2010	5	<0.5	7.12	14	610	1.2	<2	0.92	0.6	14	62	51	3.92	20	1.18	20	1.12
L6-3	J992159	July 9, 2010	<1	<0.5	7.17	16	690	1.4	<2	1.13	0.7	15	66	59	3.83	20	1.24	30	1.14
L6-4	J992160	July 9, 2010	1	<0.5	7.82	11	570	1.3	<2	1	0.6	20	58	57	4.41	20	1.23	20	1.12
L6-5	J992161	July 9, 2010	<1	<0.5	7.66	13	620	1.2	<2	0.94	<0.5	16	84	33	3.83	20	1.3	20	1.46
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

**Table 1**  
**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L5-3	J992091	July 7, 2010	547	<1	1.86	26	780	13	0.02	<5	11	238	<20	0.36	<10	10	107	<10	92
L5-4	J992092	July 7, 2010	562	<1	1.78	19	1130	14	0.02	<5	10	235	<20	0.35	<10	10	83	<10	93
L5-5	J992093	July 7, 2010	799	<1	1.67	26	1030	11	0.01	<5	11	243	<20	0.33	<10	10	94	<10	86
L5-6	J992094	July 7, 2010	2050	<1	1.74	30	920	14	0.04	<5	13	245	<20	0.37	<10	<10	108	<10	97
L5-7	J992095	July 7, 2010	712	<1	1.62	29	760	13	0.02	<5	12	225	<20	0.36	<10	<10	114	<10	98
L5-8	J992096	July 7, 2010	748	<1	1.6	28	1160	12	0.02	<5	11	229	<20	0.36	<10	10	96	<10	112
L5-9	J992097	July 7, 2010	1005	<1	1.6	28	880	13	0.02	<5	14	261	<20	0.37	<10	10	115	<10	107
L5-10	J992098	July 7, 2010	1650	1	1.35	75	1620	17	0.03	<5	15	210	<20	0.33	<10	10	129	<10	130
L5-11	J992099	July 7, 2010	848	<1	1.66	21	1250	14	0.02	<5	10	233	<20	0.36	<10	10	102	<10	97
L5-12	J992100	July 7, 2010	653	<1	1.55	31	1140	13	0.02	<5	11	222	<20	0.36	<10	10	115	<10	125
L5-13	J992101	July 7, 2010	1455	4	1.23	54	1050	13	0.03	<5	13	182	<20	0.27	<10	10	134	<10	194
L5-14	J992102	July 7, 2010	600	<1	1.53	34	1200	9	0.02	<5	12	268	<20	0.34	<10	10	123	<10	152
L5-15	J992103	July 7, 2010	630	2	1.81	20	1100	8	0.03	<5	10	227	<20	0.33	<10	10	99	<10	116
L5-16	J992104	July 7, 2010	1025	<1	1.7	23	1330	14	0.03	<5	10	244	<20	0.38	<10	<10	89	<10	142
L5-17	J992126	July 8, 2010	423	2	1.54	28	790	15	0.02	<5	11	247	<20	0.4	<10	<10	110	<10	159
L5-18	J992125	July 8, 2010	805	2	1.67	40	1600	15	0.03	<5	13	562	<20	0.43	<10	10	142	<10	218
L5-19	J992124	July 8, 2010	948	2	1.54	37	1800	11	0.04	<5	14	457	<20	0.39	<10	<10	136	<10	187
L5-20	J992123	July 8, 2010	1030	2	1.55	42	1800	13	0.04	<5	12	321	<20	0.34	<10	10	116	<10	150
L5-21	J992122	July 8, 2010	877	1	1.32	81	1470	8	0.02	<5	18	723	<20	0.45	<10	<10	208	<10	203
L5-22	J992121	July 8, 2010	1435	1	1.31	68	2920	14	0.04	<5	14	574	<20	0.4	<10	<10	152	<10	264
L5-23	J992120	July 8, 2010	1095	1	1.52	72	1650	10	0.04	<5	13	433	<20	0.39	<10	<10	141	<10	276
L5-24	J992119	July 8, 2010	800	2	1.43	80	1080	11	0.02	6	17	480	<20	0.45	<10	<10	206	<10	262
L5-25	J992118	July 8, 2010	576	1	1.82	42	820	11	0.02	<5	15	329	<20	0.43	<10	10	154	<10	172
L5-26	J992117	July 8, 2010	611	1	1.48	77	990	14	0.02	<5	17	367	<20	0.43	<10	<10	182	<10	218
L5-27	J992116	July 8, 2010	937	1	1.5	69	1200	14	0.02	<5	14	365	<20	0.42	<10	10	148	<10	285
L5-28	J992115	July 8, 2010	1110	2	1.61	66	1180	16	0.02	<5	13	462	<20	0.41	<10	10	143	<10	288
L5-29	J992114	July 8, 2010	1015	1	1.56	51	1400	17	0.02	<5	12	330	<20	0.4	<10	<10	123	<10	226
L5-30	J992113	July 8, 2010	625	1	1.47	52	960	15	0.02	<5	13	324	<20	0.37	<10	<10	133	<10	166
L5-31	J992112	July 8, 2010	1040	1	1.79	43	1520	13	0.02	<5	11	320	<20	0.38	<10	10	106	<10	160
L5-32	J992111	July 8, 2010	673	<1	1.58	52	1220	12	0.02	<5	13	267	<20	0.37	<10	<10	122	<10	133
L5-33	J992110	July 8, 2010	1090	1	1.65	51	1750	16	0.03	<5	12	240	<20	0.38	<10	<10	109	<10	158
L5-34	J992109	July 8, 2010	722	1	1.62	35	1100	16	0.02	<5	12	302	<20	0.37	<10	<10	117	<10	155
L5-35	J992108	July 8, 2010	1595	1	1.45	108	1730	13	0.05	<5	13	317	<20	0.37	<10	<10	106	<10	177
L5-36	J992107	July 8, 2010	544	2	1.56	38	1100	14	0.02	<5	12	284	<20	0.36	<10	<10	108	<10	144
L5-37	J992106	July 8, 2010	1260	4	1.64	50	1510	36	0.03	<5	11	270	<20	0.39	<10	10	109	<10	196
L5-38	J992105	July 8, 2010	1225	1	1.43	36	1180	14	0.03	<5	11	262	<20	0.38	<10	<10	106	<10	169
L6-1	J992157	July 9, 2010	667	2	1.53	31	900	16	0.02	<5	12	214	<20	0.36	<10	<10	101	<10	105
L6-2	J992158	July 9, 2010	774	1	1.54	26	1090	14	0.03	<5	11	207	<20	0.34	<10	<10	104	<10	94
L6-3	J992159	July 9, 2010	1210	1	1.5	31	1160	18	0.04	<5	12	222	<20	0.36	<10	<10	104	<10	112
L6-4	J992160	July 9, 2010	849	1	1.57	27	730	15	0.02	<5	13	219	<20	0.37	<10	<10	110	<10	106
L6-5	J992161	July 9, 2010	553	1	1.95	33	790	10	0.02	<5	13	229	<20	0.39	<10	<10	114	<10	95
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>



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**Donna Gold Project**  
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Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L6-6	J992162	July 9, 2010	<1	0.6	7.55	16	610	1.5	<2	1.39	1	14	67	39	3.64	20	1.17	20	1.02
L6-7	J992163	July 9, 2010	<1	<0.5	7.19	14	700	1.1	<2	1.28	1.1	27	188	57	5.7	20	1.38	10	2.3
L6-8	J992164	July 9, 2010	<1	0.6	7.17	7	790	1.6	<2	1.2	0.7	14	74	29	3.68	20	1.35	20	1.02
L6-9	J992165	July 9, 2010	2	<0.5	7.32	23	850	1.4	<2	0.83	1	16	70	37	4.45	20	1.39	20	1.16
L6-10	J992166	July 9, 2010	<1	<0.5	8.07	19	590	1	<2	0.89	0.5	18	70	42	4.48	20	1.22	10	1.72
L6-11	J992167	July 9, 2010	1	<0.5	8.01	10	550	1	<2	0.78	0.5	17	62	38	4.23	20	1.2	10	1.55
L6-12	J992168	July 9, 2010	13	1.4	8.22	18	810	1.2	<2	0.73	1.4	19	60	63	4.81	20	1.19	20	1.03
L6-13	J992169	July 9, 2010	2	<0.5	7.27	23	790	1.2	<2	0.95	0.7	14	69	32	3.74	20	1.24	20	1.04
L6-14	J992170	July 9, 2010	3	<0.5	7.51	21	680	1	<2	0.87	0.5	13	69	32	4.08	20	1.24	10	1.32
L6-15	J992171	July 9, 2010	8	0.8	7.47	139	840	1.4	<2	1.2	1	17	81	44	4.68	20	1.27	20	1.19
L6-16	J992127	July 8, 2010	13	0.9	7.58	206	950	1.3	<2	1.29	1	18	74	58	5.35	20	1.24	20	1.35
L6-17	J992128	July 8, 2010	35	1.2	8.33	181	1050	1.4	<2	1.49	2.2	28	78	118	6.43	20	1.31	20	1.73
L6-18	J992129	July 8, 2010	14	0.6	7.85	98	1090	1.1	<2	1.11	1.1	18	88	48	4.96	20	1.4	10	1.64
L6-19	J992130	July 8, 2010	5	0.7	7.6	64	1170	1.2	<2	1.39	1.5	21	85	77	5.56	20	1.22	20	1.78
L6-20	J992131	July 8, 2010	8	1.3	6.65	22	1080	1.3	<2	2	3.8	27	66	90	6.06	20	1.05	20	1.64
L6-21	J992132	July 8, 2010	5	1.2	6.71	30	1270	1.2	<2	1.71	3.1	21	64	67	5.58	20	1.12	20	1.97
L6-22	J992133	July 8, 2010	<1	0.7	8.04	44	810	1.3	<2	1.07	0.8	15	63	32	3.99	20	1.27	20	0.99
L6-23	J992134	July 8, 2010	4	0.7	7.87	82	1010	1.4	<2	0.91	0.7	16	83	39	4.3	20	1.4	20	1.12
L6-24	J992135	July 8, 2010	7	0.8	7.87	98	970	1.2	<2	1.01	0.9	17	92	49	4.92	20	1.36	20	1.33
L6-25	J992136	July 8, 2010	49	0.8	7.33	175	1410	1.3	<2	1.74	1.3	17	118	60	4.92	20	1.59	20	1.55
L6-26	J992137	July 8, 2010	43	2.2	7.34	234	1580	1.2	<2	1.9	1.1	19	135	61	4.8	10	1.64	20	1.78
L6-27	J992138	July 8, 2010	<1	0.9	8.06	72	850	1.3	<2	1.27	1.3	19	59	46	4.76	20	1.17	20	1.47
L6-28	J992139	July 8, 2010	7	1.1	7.47	37	800	1.3	<2	1.36	1.2	19	56	45	4.79	20	1.07	20	0.97
L6-29	J992140	July 8, 2010	8	0.5	8.01	39	840	1.5	<2	1.09	0.8	13	62	30	3.74	20	1.37	20	0.87
L6-30	J992141	July 8, 2010	3	<0.5	7.23	37	880	1.3	<2	1.19	0.8	11	76	36	4.14	20	1.34	20	1.03
L6-31	J992142	July 8, 2010	3	0.9	7.04	21	910	1.3	<2	1.39	1.7	15	60	43	4.26	10	1.15	20	1.01
L6-32	J992143	July 8, 2010	3	0.5	7.69	52	1030	1.5	<2	0.98	0.9	15	95	54	4.28	20	1.46	20	1.23
L6-33	J992144	July 8, 2010	1	1.1	7.65	24	880	1.5	<2	1.05	0.9	13	64	32	3.84	20	1.44	20	0.91
L6-34	J992145	July 8, 2010	11	1.1	7.01	64	750	1.3	<2	1	0.9	11	66	29	3.58	20	1.27	20	0.8
L6-35	J992146	July 8, 2010	11	0.6	7.57	34	770	1.4	<2	1.02	0.6	12	60	31	3.67	20	1.33	20	0.84
L6-36	J992147	July 8, 2010	3	0.9	7.34	61	800	1.4	<2	1.21	1	12	70	30	3.73	20	1.36	20	0.89
L6-37	J992148	July 8, 2010	11	0.8	6.94	64	830	1.3	<2	1.21	1	12	74	31	3.93	20	1.3	20	0.98
L6-38	J992149	July 8, 2010	3	0.7	7.11	36	890	1.4	<2	1.22	1	16	73	62	4.72	20	1.39	20	1.04
L7-1	J992203	July 9, 2010	<1	0.6	7.84	38	770	1.4	<2	1.08	0.8	13	57	36	3.69	20	1.21	20	0.89
L7-2	J992202	July 9, 2010	3	<0.5	7.33	33	930	1.4	<2	1.38	<0.5	14	89	39	4.29	20	1.33	20	1.14
L7-3	J992201	July 9, 2010	8	<0.5	7.24	47	880	1.4	<2	1.24	0.6	14	103	44	4.15	10	1.33	20	1.25
L7-4	J992200	July 9, 2010	<1	<0.5	7.49	49	880	1.5	<2	1.28	0.9	13	73	48	4.26	20	1.27	30	1
L7-5	J992199	July 9, 2010	<1	<0.5	7.49	33	830	1.4	<2	0.97	0.5	11	70	31	3.75	20	1.36	20	0.89
L7-6	J992198	July 9, 2010	1	<0.5	7.96	57	780	1.4	<2	1.18	0.7	12	62	51	3.97	20	1.3	20	0.91
L7-7	J992156	July 8, 2010	21	1	7.54	131	860	1.5	<2	1.65	2.5	17	78	86	4.4	20	1.22	20	1.08
L7-8	J992155	July 8, 2010	7	1.2	7.09	41	880	1.5	<2	1.31	1.6	18	90	58	4.99	20	1.28	20	1.1
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L6-6	J992162	July 9, 2010	1615	1	1.38	32	1330	17	0.04	<5	11	244	<20	0.36	<10	<10	94	<10	148
L6-7	J992163	July 9, 2010	1330	4	1.47	69	1220	10	0.03	<5	15	231	<20	0.32	<10	<10	143	<10	115
L6-8	J992164	July 9, 2010	605	2	1.45	33	1240	16	0.02	<5	11	237	<20	0.38	<10	<10	104	<10	116
L6-9	J992165	July 9, 2010	605	10	1.41	33	1330	15	0.02	<5	13	185	<20	0.35	<10	<10	128	<10	113
L6-10	J992166	July 9, 2010	573	1	2.08	28	630	9	0.02	<5	15	236	<20	0.39	<10	<10	143	<10	91
L6-11	J992167	July 9, 2010	609	1	2.13	25	840	10	0.02	<5	14	222	<20	0.38	<10	<10	132	<10	87
L6-12	J992168	July 9, 2010	861	3	1.74	35	1590	13	0.03	6	15	210	<20	0.33	<10	<10	143	<10	145
L6-13	J992169	July 9, 2010	420	1	1.54	29	1070	13	0.02	<5	12	238	<20	0.35	<10	<10	116	<10	108
L6-14	J992170	July 9, 2010	526	<1	1.87	24	910	11	0.02	<5	13	243	<20	0.37	<10	<10	125	<10	98
L6-15	J992171	July 9, 2010	683	2	1.34	41	1430	14	0.03	<5	14	271	<20	0.39	<10	<10	141	<10	165
L6-16	J992127	July 8, 2010	879	1	1.42	52	1620	13	0.02	<5	15	335	<20	0.4	<10	<10	157	<10	206
L6-17	J992128	July 8, 2010	688	1	1.47	98	1430	14	0.02	<5	20	416	<20	0.4	<10	<10	178	<10	267
L6-18	J992129	July 8, 2010	698	<1	1.73	38	1240	11	0.02	5	16	359	<20	0.4	<10	10	181	<10	136
L6-19	J992130	July 8, 2010	494	1	1.59	77	840	11	0.01	<5	17	508	<20	0.4	<10	10	175	<10	226
L6-20	J992131	July 8, 2010	937	1	1.32	134	1100	15	0.03	<5	15	671	<20	0.32	<10	<10	141	<10	399
L6-21	J992132	July 8, 2010	783	1	1.48	75	1140	11	0.03	<5	14	671	<20	0.36	<10	10	157	<10	291
L6-22	J992133	July 8, 2010	607	<1	1.75	29	1400	11	0.03	<5	12	278	<20	0.38	<10	10	111	<10	123
L6-23	J992134	July 8, 2010	558	<1	1.57	40	870	10	0.02	<5	14	268	<20	0.39	<10	10	143	<10	119
L6-24	J992135	July 8, 2010	891	<1	1.55	39	1480	12	0.02	<5	16	301	<20	0.38	<10	<10	160	<10	135
L6-25	J992136	July 8, 2010	849	1	1.46	62	2010	16	0.02	10	16	518	<20	0.42	<10	10	178	<10	168
L6-26	J992137	July 8, 2010	737	3	1.48	74	1490	17	0.02	<5	17	529	<20	0.41	<10	<10	191	<10	145
L6-27	J992138	July 8, 2010	753	1	1.6	42	1500	15	0.03	<5	14	287	<20	0.38	<10	10	133	<10	195
L6-28	J992139	July 8, 2010	625	2	1.43	53	1600	15	0.04	<5	11	322	<20	0.33	<10	10	116	<10	203
L6-29	J992140	July 8, 2010	527	1	1.71	28	1090	16	0.02	<5	11	263	<20	0.38	<10	<10	107	<10	151
L6-30	J992141	July 8, 2010	668	2	1.59	34	1320	15	0.03	<5	12	277	<20	0.38	<10	10	119	<10	145
L6-31	J992142	July 8, 2010	1125	2	1.49	35	1340	18	0.03	<5	11	509	<20	0.36	<10	<10	100	<10	167
L6-32	J992143	July 8, 2010	570	2	1.37	58	1070	16	0.02	<5	14	246	<20	0.36	<10	<10	133	<10	155
L6-33	J992144	July 8, 2010	814	2	1.5	30	1220	16	0.02	<5	12	245	<20	0.39	<10	<10	113	<10	134
L6-34	J992145	July 8, 2010	664	2	1.46	25	1490	17	0.03	<5	11	227	<20	0.36	<10	<10	103	<10	123
L6-35	J992146	July 8, 2010	495	3	1.52	29	950	16	0.02	<5	11	241	<20	0.37	<10	<10	104	<10	129
L6-36	J992147	July 8, 2010	1045	3	1.65	29	1600	18	0.03	<5	10	272	<20	0.39	<10	<10	99	<10	153
L6-37	J992148	July 8, 2010	834	3	1.47	29	1470	17	0.03	<5	11	264	<20	0.38	<10	<10	116	<10	161
L6-38	J992149	July 8, 2010	702	4	1.33	43	1070	13	0.02	<5	12	355	<20	0.38	<10	<10	128	<10	173
L7-1	J992203	July 9, 2010	694	2	1.71	31	1000	16	0.03	<5	11	269	<20	0.36	<10	10	98	<10	137
L7-2	J992202	July 9, 2010	598	2	1.48	46	1090	17	0.02	<5	12	294	<20	0.38	<10	10	117	<10	161
L7-3	J992201	July 9, 2010	630	2	1.44	48	1070	16	0.02	<5	13	271	<20	0.37	<10	10	123	<10	139
L7-4	J992200	July 9, 2010	1200	3	1.5	41	1360	14	0.03	<5	12	304	<20	0.36	<10	10	114	<10	155
L7-5	J992199	July 9, 2010	642	2	1.59	30	1200	14	0.03	<5	11	236	<20	0.38	<10	10	107	<10	127
L7-6	J992198	July 9, 2010	785	4	1.68	31	1170	16	0.03	<5	12	281	<20	0.38	<10	10	108	<10	135
L7-7	J992156	July 8, 2010	1270	3	1.39	70	1250	16	0.04	<5	15	392	<20	0.39	<10	<10	123	<10	227
L7-8	J992155	July 8, 2010	550	4	1.29	66	1250	16	0.03	<5	12	325	<20	0.36	<10	<10	143	<10	239
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L7-9	J992154	July 8, 2010	3	1.1	7.41	65	870	1.6	<2	1.65	2	16	82	53	5.65	20	1.3	20	1.22
L7-10	J992153	July 8, 2010	22	2.2	7.14	39	840	1.6	<2	1.4	2.5	18	79	79	5.69	20	1.24	20	1.03
L7-11	J992152	July 8, 2010	10	3.3	5.28	73	990	1.9	<2	1.75	3.6	22	79	199	12.45	10	1.24	10	1.78
L7-12	J992151	July 8, 2010	22	0.8	7.16	55	800	1.4	<2	1.28	1.5	15	73	47	4.37	20	1.26	20	1.25
L7-13	J992150	July 8, 2010	5	1.3	7.12	40	860	1.5	<2	1.42	1.8	17	69	58	5.55	20	1.31	20	1.07
L8-1	J992217	July 9, 2010	6	0.5	7.28	28	640	1.5	<2	1.32	0.8	13	71	45	3.53	20	1.27	30	0.86
L8-2	J992216	July 9, 2010	4	1.1	7.85	18	480	1.6	<2	1.77	1.6	10	41	86	3.02	20	0.97	30	0.64
L8-3	J992215	July 9, 2010	3	<0.5	7.36	17	760	1.6	<2	1.03	0.6	11	71	30	3.47	20	1.47	30	0.97
L8-4	J992214	July 9, 2010	1	<0.5	7.85	12	650	1.4	<2	0.99	0.5	8	50	30	3.3	20	1.36	30	0.71
L8-5	J992213	July 9, 2010	<1	<0.5	7.1	13	870	1.5	<2	1.04	<0.5	12	74	37	3.64	10	1.45	30	1.15
L8-6	J992212	July 9, 2010	<1	<0.5	7.74	13	650	1.2	<2	0.79	0.5	18	108	54	4.7	20	1.66	20	1.32
L8-7	J992211	July 9, 2010	<1	<0.5	7.09	9	860	1.2	<2	2.13	0.7	33	390	54	5.66	10	1.01	20	4.14
L8-8	J992210	July 9, 2010	<1	<0.5	6.93	12	870	1.1	<2	2.67	0.6	44	528	73	6.51	10	0.99	10	5.9
L8-9	J992209	July 9, 2010	1	<0.5	6.95	16	690	1.1	<2	0.97	1.4	31	224	85	6.26	10	0.81	20	2.75
L8-10	J992208	July 9, 2010	<1	1.2	7.49	19	640	0.9	<2	0.58	1	24	56	95	6.31	20	0.88	10	1.94
L8-11	J992207	July 9, 2010	6	<0.5	8.04	45	300	0.8	<2	1.57	0.5	40	60	151	6.23	20	0.29	10	2.26
L8-12	J992206	July 9, 2010	4	1.4	7.65	15	840	1.3	<2	0.85	1.3	11	62	42	4.05	20	1.21	20	0.75
L8-13	J992205	July 9, 2010	4	1.1	7.99	61	2330	1.2	<2	0.68	4.4	19	79	100	5.73	10	1.73	30	0.62
L8-14	J992204	July 9, 2010	16	2	9	27	2630	1.6	<2	0.38	6	26	117	115	7.56	20	2.04	30	0.81
L8-15	J992172	July 9, 2010	<1	1.2	7.6	28	760	1.4	<2	1.05	0.6	10	56	24	3.37	20	1.38	20	0.75
L8-16	J992173	July 9, 2010	<1	0.6	7.44	51	850	1.4	<2	1.09	0.7	13	63	33	3.85	20	1.3	20	0.95
L8-17	J992174	July 9, 2010	<1	0.9	7.09	135	880	1.2	<2	1.26	1	11	77	43	4.44	20	1.25	20	1.08
L8-18	J992175	July 9, 2010	21	0.7	7.39	231	1260	1.2	<2	2.05	1.1	18	102	70	5.17	20	1.54	20	1.47
L8-19	J992176	July 9, 2010	7	0.6	7.4	39	1060	1.2	<2	0.71	1	17	110	50	4.67	20	1.29	10	1.26
L8-20	J992177	July 9, 2010	1	0.8	7.44	17	820	1.3	<2	0.87	0.8	11	78	31	3.72	20	1.35	20	0.92
L8-21	J992178	July 9, 2010	4	<0.5	8	42	890	1.4	<2	0.89	0.8	12	79	50	4.08	20	1.39	20	0.91
L8-22	J992179	July 9, 2010	14	0.9	7.57	50	840	1.4	2	1.02	0.8	12	70	39	3.98	20	1.31	20	0.85
L8-23	J992180	July 9, 2010	4	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
L8-24	J992181	July 9, 2010	6	<0.5	7.26	103	970	1.4	<2	1.21	1	16	81	45	4.67	20	1.32	20	1.11
L8-25	J992182	July 9, 2010	10	<0.5	7.18	95	940	1.3	<2	1.07	0.7	12	79	46	4.68	20	1.3	20	0.97
L8-26	J992183	July 9, 2010	4	0.7	7.61	114	1020	1.4	<2	1.12	0.7	14	84	46	4.55	20	1.37	30	1.22
L8-27	J992184	July 9, 2010	12	<0.5	7.37	171	1290	1.3	<2	1.19	0.9	13	94	46	4.75	20	1.41	20	1.19
L8-28	J992185	July 9, 2010	13	0.6	7.38	439	1170	1.4	<2	1.37	0.8	16	80	49	4.8	20	1.26	20	1.2
L8-29	J992186	July 9, 2010	5	<0.5	8.21	64	1030	1.2	<2	1.45	1.1	17	52	47	4.92	20	1.1	20	1.49
L8-30	J992187	July 9, 2010	8	1.1	7.91	21	770	1.5	<2	1.08	0.8	11	54	34	3.35	20	1.31	30	0.75
L8-31	J992188	July 9, 2010	<1	0.9	6.52	23	760	1.3	<2	1.08	0.7	8	70	26	3.41	20	1.28	20	0.83
L8-32	J992189	July 9, 2010	9	<0.5	7.13	42	920	1.4	<2	1.3	0.7	16	114	40	4.35	10	1.4	20	1.44
L8-33	J992190	July 9, 2010	17	<0.5	7.01	18	740	1.3	<2	1.05	0.6	7	53	27	3.53	20	1.31	20	0.68
L8-34	J992191	July 9, 2010	3	<0.5	7.76	40	820	1.5	<2	1.18	0.7	11	61	32	3.69	20	1.33	20	0.85
L8-35	J992192	July 9, 2010	9	0.5	7.49	30	860	1.4	<2	1.34	1	14	65	41	4.31	20	1.26	20	0.84
L8-36	J992193	July 9, 2010	<1	0.6	7.66	35	1140	1.5	<2	1.74	1	15	72	44	4.4	20	1.41	20	1
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L7-9	J992154	July 8, 2010	682	5	1.41	67	1550	13	0.03	<5	13	448	<20	0.38	<10	<10	229	<10	302
L7-10	J992153	July 8, 2010	1255	5	1.34	77	1380	17	0.04	<5	14	406	<20	0.37	<10	<10	138	<10	346
L7-11	J992152	July 8, 2010	877	10	0.87	147	1740	14	0.04	<5	15	636	<20	0.25	<10	<10	208	<10	484
L7-12	J992151	July 8, 2010	615	4	1.42	48	1180	16	0.02	<5	12	331	<20	0.36	<10	<10	133	<10	205
L7-13	J992150	July 8, 2010	760	3	1.45	53	1200	16	0.03	<5	12	447	<20	0.39	<10	<10	142	<10	264
L8-1	J992217	July 9, 2010	1185	2	1.53	33	1170	19	0.04	<5	11	241	<20	0.37	<10	<10	92	<10	109
L8-2	J992216	July 9, 2010	1550	1	1.34	19	2540	18	0.11	<5	12	235	<20	0.34	<10	<10	68	<10	100
L8-3	J992215	July 9, 2010	536	2	1.42	32	810	16	0.02	<5	11	219	<20	0.35	<10	<10	97	<10	97
L8-4	J992214	July 9, 2010	501	2	1.65	20	1100	22	0.03	6	10	225	<20	0.36	<10	<10	80	<10	90
L8-5	J992213	July 9, 2010	520	2	1.41	35	720	14	0.02	<5	12	231	<20	0.35	<10	10	110	<10	104
L8-6	J992212	July 9, 2010	744	2	1.59	43	820	14	0.02	<5	15	200	<20	0.36	<10	<10	127	<10	91
L8-7	J992211	July 9, 2010	1340	2	1.44	126	1510	16	0.02	<5	17	322	<20	0.35	<10	10	140	<10	119
L8-8	J992210	July 9, 2010	1055	2	1.16	159	1110	12	0.01	<5	20	265	<20	0.36	<10	10	172	<10	95
L8-9	J992209	July 9, 2010	2280	3	1.71	81	2220	22	0.04	<5	21	162	<20	0.31	<10	10	170	<10	142
L8-10	J992208	July 9, 2010	1540	3	1.75	35	1870	9	0.03	<5	18	186	<20	0.38	<10	10	175	<10	174
L8-11	J992207	July 9, 2010	1745	1	1.16	28	1910	10	0.05	<5	29	189	<20	0.4	<10	10	220	<10	100
L8-12	J992206	July 9, 2010	644	3	1.64	30	1420	14	0.03	<5	11	224	<20	0.34	<10	10	117	<10	190
L8-13	J992205	July 9, 2010	896	9	1.17	70	1410	14	0.05	<5	26	185	<20	0.18	<10	10	259	<10	290
L8-14	J992204	July 9, 2010	1240	11	0.89	117	1970	21	0.04	6	27	157	<20	0.21	<10	10	322	<10	433
L8-15	J992172	July 9, 2010	599	2	1.64	18	1430	16	0.03	<5	10	249	<20	0.39	<10	<10	97	<10	109
L8-16	J992173	July 9, 2010	1155	1	1.49	31	1400	17	0.02	5	12	280	<20	0.36	<10	<10	113	<10	171
L8-17	J992174	July 9, 2010	808	2	1.36	38	1380	12	0.03	<5	13	349	<20	0.36	<10	<10	129	<10	155
L8-18	J992175	July 9, 2010	610	3	1.26	61	1390	10	0.02	<5	17	571	<20	0.42	<10	<10	184	<10	186
L8-19	J992176	July 9, 2010	513	2	1.37	60	1270	12	0.02	<5	14	259	<20	0.37	<10	<10	153	<10	171
L8-20	J992177	July 9, 2010	532	2	1.43	33	1210	13	0.03	<5	11	223	<20	0.36	<10	<10	112	<10	129
L8-21	J992178	July 9, 2010	665	3	1.63	46	1200	22	0.03	<5	12	242	<20	0.3	<10	10	117	<10	164
L8-22	J992179	July 9, 2010	725	3	1.58	33	1120	17	0.03	<5	12	272	<20	0.37	<10	<10	112	<10	142
L8-23	J992180	July 9, 2010	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
L8-24	J992181	July 9, 2010	666	2	1.49	55	1230	16	0.02	<5	13	332	<20	0.35	<10	10	133	<10	194
L8-25	J992182	July 9, 2010	714	2	1.45	39	2170	12	0.03	<5	13	275	<20	0.35	<10	10	132	<10	141
L8-26	J992183	July 9, 2010	637	2	1.65	49	1260	16	0.02	<5	14	335	<20	0.37	<10	10	143	<10	168
L8-27	J992184	July 9, 2010	643	2	1.56	58	970	16	0.02	<5	15	371	<20	0.38	<10	10	157	<10	190
L8-28	J992185	July 9, 2010	747	2	1.59	61	1030	13	0.02	<5	14	371	<20	0.39	<10	10	143	<10	193
L8-29	J992186	July 9, 2010	1330	2	1.94	29	1450	14	0.03	<5	16	341	<20	0.41	<10	10	155	<10	229
L8-30	J992187	July 9, 2010	856	2	1.7	26	1210	17	0.03	<5	10	248	<20	0.28	<10	10	90	<10	110
L8-31	J992188	July 9, 2010	706	2	1.52	25	1570	17	0.03	<5	10	234	<20	0.36	<10	10	101	<10	104
L8-32	J992189	July 9, 2010	575	2	1.41	57	1350	13	0.02	<5	15	250	<20	0.36	<10	10	140	<10	123
L8-33	J992190	July 9, 2010	541	2	1.61	19	1720	14	0.04	<5	10	241	<20	0.37	<10	10	91	<10	108
L8-34	J992191	July 9, 2010	675	2	1.65	27	1230	16	0.03	<5	11	304	<20	0.37	<10	10	98	<10	126
L8-35	J992192	July 9, 2010	1400	4	1.57	35	1320	16	0.03	<5	11	427	<20	0.38	<10	10	126	<10	167
L8-36	J992193	July 9, 2010	1130	3	1.48	42	1360	18	0.03	<5	13	529	<20	0.4	<10	10	151	<10	180
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L9-1	J992218	July 10, 2010	2	<0.5	6.96	19	650	1.3	<2	1.28	0.8	13	58	38	3.54	20	1.21	30	0.89
L9-2	J992219	July 10, 2010	2	<0.5	7.65	19	640	1.4	<2	0.94	0.5	9	49	31	3.38	20	1.31	20	0.8
L9-3	J992220	July 10, 2010	3	<0.5	7.72	16	640	1.4	<2	0.86	0.5	15	58	45	3.44	20	1.3	30	1.01
L9-4	J992221	July 10, 2010	<1	<0.5	7.55	17	630	1.4	<2	1.07	0.6	10	51	34	3.73	30	1.36	30	0.88
L9-5	J992222	July 10, 2010	1	<0.5	7.65	18	670	1.5	<2	0.98	0.6	11	61	32	3.62	20	1.4	30	0.87
L9-6	J992223	July 10, 2010	5	<0.5	7.5	18	500	1.2	2	0.84	0.6	16	48	45	4.28	20	1.34	20	0.76
L9-7	J992224	July 10, 2010	2	<0.5	8.29	15	580	1.2	<2	1.05	0.5	21	120	44	5	20	1.37	20	1.11
L9-8	J992225	July 10, 2010	2	<0.5	6.96	23	720	1.1	<2	2.91	1	36	439	81	5.69	20	0.84	20	4.25
L9-9	J992226	July 10, 2010	3	<0.5	7.19	64	420	0.9	<2	0.59	1.2	66	424	88	7.65	10	0.66	10	3.55
L9-10	J992227	July 10, 2010	13	1.2	7.24	12	1140	1	<2	0.43	2.9	17	93	94	6	20	0.92	50	1.67
L9-11	J992228	July 10, 2010	NSS	1.2	5.79	23	880	0.9	<2	8.17	7.7	46	108	146	9.25	10	1.01	40	1.57
L9-12	J992229	July 10, 2010	7	<0.5	8.46	91	920	1	<2	0.47	1.4	32	175	122	7.2	20	1.24	20	1.93
L9-13	J992230	July 10, 2010	7	0.6	7.53	34	1070	1.3	<2	0.54	1.8	12	79	54	4.54	20	1.23	20	0.7
L9-14	J992231	July 10, 2010	3	<0.5	7.49	20	720	1.4	2	1.52	2.1	11	63	44	3.84	20	1.16	30	0.72
L9-15	J992232	July 10, 2010	29	1.4	8.15	278	1100	1.2	<2	0.94	1.2	12	83	52	4.77	20	1.37	20	0.99
L9-16	J992233	July 10, 2010	13	1.5	7.74	92	720	1.3	3	1.11	0.8	9	63	32	3.9	20	1.35	30	0.84
L9-17	J992234	July 10, 2010	31	<0.5	7.95	262	800	1.4	<2	0.94	0.7	12	76	35	4.3	20	1.34	30	0.96
L9-18	J992235	July 10, 2010	NSS	0.7	8.16	45	770	1.4	<2	0.9	0.8	11	89	34	4.03	20	1.33	30	0.84
L9-19	J992236	July 10, 2010	4	0.7	7.99	44	860	1.3	<2	0.86	0.8	14	90	35	4.03	20	1.39	20	0.95
L9-20	J992237	July 10, 2010	6	<0.5	7.68	39	930	1.2	<2	0.87	0.7	12	100	40	4.48	20	1.39	30	1.1
L9-21	J992238	July 10, 2010	21	<0.5	8.27	66	930	1.3	3	1.06	0.8	17	105	44	4.69	20	1.39	20	1.17
L9-22	J992239	July 10, 2010	4	0.8	7.74	75	840	1.3	<2	1.06	0.9	12	87	42	4.24	20	1.36	20	0.93
L9-23	J992240	July 10, 2010	14	1.8	7.71	1600	660	1.5	2	1.17	1.4	15	70	73	4.19	10	1.24	30	0.91
L9-24	J992241	July 10, 2010	14	<0.5	7.85	549	910	1.3	<2	1.13	0.7	14	88	46	4.56	20	1.42	20	1.15
L9-25	J992242	July 10, 2010	26	<0.5	8.17	1420	1280	1.4	<2	2.22	0.8	18	84	67	5.54	20	1.62	20	1.35
L9-26	J992243	July 10, 2010	11	<0.5	7.61	101	910	1.3	<2	0.88	0.7	13	126	45	4.4	20	1.44	30	1.05
L9-27	J992244	July 10, 2010	12	<0.5	7.3	48	840	1.3	<2	1.07	0.7	11	100	30	3.58	20	1.4	30	0.93
L9-28	J992245	July 10, 2010	9	<0.5	6.73	1110	740	1.2	<2	2.76	0.7	28	79	77	6.85	20	1.3	20	2.19
L9-29	J992246	July 10, 2010	9	<0.5	7.67	765	840	1.4	2	1.03	0.7	15	96	51	4.82	20	1.42	20	1.06
L9-30	J992247	July 10, 2010	14	<0.5	7.16	77	850	1.4	<2	0.96	0.6	11	83	41	3.81	20	1.49	30	1.06
L9-31	J992248	July 10, 2010	8	0.5	7.3	122	780	1.3	<2	1.01	0.7	9	68	33	3.68	20	1.45	30	0.79
L9-32	J992249	July 10, 2010	4	1.2	7.65	477	660	1.6	<2	1.61	2.2	12	59	53	3.55	20	1.21	20	0.82
L9-33	J992250	July 10, 2010	17	0.7	6.89	934	1200	1.6	4	1.4	1.2	18	71	74	4.65	10	1.43	30	1.2
L9-34	J992251	July 10, 2010	24	<0.5	6.91	322	840	1.3	<2	1	0.5	10	67	30	3.75	10	1.29	30	0.89
L9-35	J992252	July 10, 2010	7	0.6	6.71	25	710	1.3	4	0.99	<0.5	11	58	28	3.71	20	1.21	30	0.84
L9-36	J992253	July 10, 2010	6	0.6	6.85	194	1200	1.3	3	0.88	<0.5	13	79	38	4.23	10	1.52	20	0.99
L9-37	J992254	July 10, 2010	5	1.2	6.99	54	770	1.3	2	1.02	0.5	10	54	30	3.39	10	1.26	20	0.77
L9-38	J992255	July 10, 2010	1	<0.5	7.14	42	800	1.3	4	0.96	0.6	8	60	27	3.34	20	1.37	20	0.85
L9-39	J992256	July 10, 2010	27	1.9	7.43	582	740	1.4	2	1.1	0.9	10	54	52	3.32	20	1.23	30	0.79
L9-40	J992257	July 10, 2010	6	0.7	7.33	193	730	1.4	2	0.9	1	13	69	66	3.55	20	1.33	30	0.95
L9-41	J992258	July 10, 2010	11	0.9	6.86	96	760	1.2	2	0.87	<0.5	8	62	27	3.42	20	1.23	20	0.8
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L9-1	J992218	July 10, 2010	781	2	1.36	24	1190	14	0.05	<5	11	229	<20	0.35	<10	<10	94	<10	97
L9-2	J992219	July 10, 2010	576	2	1.67	18	910	17	0.03	<5	10	218	<20	0.36	<10	<10	86	<10	90
L9-3	J992220	July 10, 2010	648	1	1.39	28	1150	14	0.03	<5	12	192	<20	0.34	<10	<10	96	<10	109
L9-4	J992221	July 10, 2010	875	2	1.67	20	1200	16	0.03	<5	11	237	<20	0.4	<10	<10	93	<10	100
L9-5	J992222	July 10, 2010	884	2	1.55	28	1170	17	0.03	<5	11	220	<20	0.38	<10	<10	92	<10	97
L9-6	J992223	July 10, 2010	1200	2	1.34	24	1310	17	0.05	<5	11	183	<20	0.36	<10	<10	89	<10	91
L9-7	J992224	July 10, 2010	968	2	1.78	54	1180	16	0.04	<5	14	233	<20	0.39	<10	<10	109	<10	117
L9-8	J992225	July 10, 2010	1985	2	1.26	140	1890	11	0.07	7	18	308	<20	0.35	<10	10	147	<10	127
L9-9	J992226	July 10, 2010	2400	5	1.1	178	3420	11	0.03	<5	22	116	<20	0.23	<10	<10	183	10	159
L9-10	J992227	July 10, 2010	844	3	1.73	82	2010	9	0.03	6	22	687	<20	0.34	<10	<10	185	<10	277
L9-11	J992228	July 10, 2010	1020	12	0.96	224	1030	15	0.11	10	19	697	<20	0.33	<10	<10	161	<10	555
L9-12	J992229	July 10, 2010	1130	5	1.39	76	1520	24	0.02	5	20	187	<20	0.26	<10	<10	199	<10	190
L9-13	J992230	July 10, 2010	556	7	1.34	44	1110	14	0.03	<5	14	177	<20	0.31	<10	<10	173	<10	248
L9-14	J992231	July 10, 2010	662	2	1.41	31	1170	19	0.04	<5	12	285	<20	0.35	<10	<10	100	<10	120
L9-15	J992232	July 10, 2010	468	3	1.37	41	1090	12	0.03	<5	15	253	<20	0.36	<10	10	161	<10	174
L9-16	J992233	July 10, 2010	443	2	1.7	25	1230	17	0.03	<5	13	252	<20	0.42	<10	<10	110	<10	113
L9-17	J992234	July 10, 2010	651	3	1.52	39	980	15	0.03	7	12	227	<20	0.39	<10	<10	118	<10	137
L9-18	J992235	July 10, 2010	651	3	1.54	48	1090	17	0.03	<5	12	215	<20	0.37	<10	<10	107	<10	141
L9-19	J992236	July 10, 2010	513	3	1.65	42	1210	11	0.02	<5	13	227	<20	0.37	<10	<10	121	<10	135
L9-20	J992237	July 10, 2010	511	3	1.52	55	1040	16	0.02	7	14	238	<20	0.35	<10	<10	136	<10	152
L9-21	J992238	July 10, 2010	655	3	1.56	51	1070	14	0.02	<5	14	304	<20	0.36	<10	<10	140	<10	174
L9-22	J992239	July 10, 2010	785	4	1.53	46	1320	19	0.03	7	12	264	<20	0.38	<10	<10	118	<10	157
L9-23	J992240	July 10, 2010	1560	4	1.28	41	2200	14	0.06	9	15	234	<20	0.34	<10	<10	108	<10	144
L9-24	J992241	July 10, 2010	664	4	1.49	42	1400	12	0.03	6	15	261	<20	0.38	<10	<10	142	<10	141
L9-25	J992242	July 10, 2010	777	7	1.52	44	1520	14	0.04	5	17	435	<20	0.44	<10	<10	184	10	168
L9-26	J992243	July 10, 2010	480	3	1.37	66	1060	22	0.03	<5	14	220	<20	0.36	<10	<10	134	<10	144
L9-27	J992244	July 10, 2010	461	3	1.5	45	940	18	0.02	<5	12	251	<20	0.37	<10	<10	116	<10	131
L9-28	J992245	July 10, 2010	1225	5	1.28	25	2770	13	0.03	<5	29	258	<20	0.54	<10	<10	264	<10	138
L9-29	J992246	July 10, 2010	615	4	1.46	42	1430	16	0.03	<5	15	245	<20	0.38	<10	<10	138	<10	134
L9-30	J992247	July 10, 2010	433	3	1.39	44	870	14	0.02	<5	13	223	<20	0.36	<10	<10	124	<10	120
L9-31	J992248	July 10, 2010	494	5	1.6	29	1020	17	0.03	5	11	241	<20	0.39	<10	<10	107	<10	104
L9-32	J992249	July 10, 2010	1200	4	1.48	46	2280	15	0.08	6	13	290	<20	0.35	<10	<10	90	<10	175
L9-33	J992250	July 10, 2010	893	4	1.28	53	1340	20	0.04	5	15	347	<20	0.34	<10	<10	137	<10	195
L9-34	J992251	July 10, 2010	448	2	1.51	26	1000	13	0.02	<5	11	238	<20	0.33	<10	<10	106	<10	114
L9-35	J992252	July 10, 2010	576	1	1.44	25	1770	17	0.03	<5	10	216	<20	0.34	<10	<10	94	<10	111
L9-36	J992253	July 10, 2010	684	2	1.44	36	1440	12	0.02	<5	14	301	<20	0.32	<10	<10	141	<10	140
L9-37	J992254	July 10, 2010	725	2	1.63	20	1490	11	0.03	6	10	264	<20	0.34	<10	<10	97	<10	140
L9-38	J992255	July 10, 2010	864	2	1.57	25	1760	11	0.03	<5	10	229	<20	0.36	<10	<10	98	<10	114
L9-39	J992256	July 10, 2010	1145	3	1.55	47	1990	16	0.04	<5	11	258	<20	0.33	<10	<10	88	<10	167
L9-40	J992257	July 10, 2010	898	4	1.41	148	1430	17	0.04	<5	13	213	<20	0.33	<10	<10	98	<10	140
L9-41	J992258	July 10, 2010	487	1	1.55	22	1210	12	0.02	<5	10	221	<20	0.34	<10	<10	99	<10	91
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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**Donna Gold Project**  
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Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L10-1	J992272	July 10, 2010	3	<0.5	7.46	29	540	1.4	<2	1.33	<0.5	23	46	52	5.49	20	1.35	20	1.17
L10-2	J992273	July 10, 2010	2	0.7	8.16	24	460	1.6	2	1.41	0.6	14	35	82	3.32	20	0.99	30	0.64
L10-3	J992274	July 10, 2010	11	1.3	8.09	35	540	2	<2	1.67	0.9	16	73	356	4.07	20	1.06	50	1.01
L10-4	J992275	July 10, 2010	2	<0.5	7.17	20	700	1.4	2	1.05	<0.5	9	52	24	3.72	20	1.41	30	0.8
L10-5	J992276	July 10, 2010	4	<0.5	6.23	20	520	1.1	2	1.24	0.5	11	35	45	3.5	20	1.03	20	0.77
L10-6	J992277	July 10, 2010	2	<0.5	7.48	34	420	1.3	<2	1.41	<0.5	15	32	50	3.49	20	0.89	20	0.59
L10-7	J992278	July 10, 2010	4	<0.5	7.21	16	530	1.3	6	1.28	<0.5	27	131	52	4.94	20	1.11	20	1.56
L10-8	J992279	July 10, 2010	2	<0.5	6.09	7	500	0.9	3	3.45	<0.5	45	612	101	6.92	20	0.89	20	7.04
L10-9	J992280	July 10, 2010	10	0.6	7.13	27	670	1.4	<2	1.48	1.5	25	110	99	5.45	20	1.11	30	1.65
L10-10	J992281	July 10, 2010	1	<0.5	7.35	21	500	1.3	5	1.13	1.4	19	56	77	4.62	20	0.94	30	1.89
L10-11	J992282	July 10, 2010	7	<0.5	7.34	22	570	0.9	4	0.39	0.5	23	52	85	6.24	20	0.95	20	1.89
L10-12	J992283	July 10, 2010	4	<0.5	6.7	15	830	0.9	4	1.12	1.4	18	143	66	5.16	20	1.16	20	3.27
L10-13	J992284	July 10, 2010	9	<0.5	7.16	149	960	1.2	<2	1.06	0.5	11	81	41	4.26	20	1.29	20	1.22
L10-14	J992285	July 10, 2010	4	<0.5	6.58	38	770	1.2	<2	0.97	<0.5	8	50	24	3.18	20	1.27	30	0.74
L10-15	J992286	July 10, 2010	2	1.7	7.27	46	700	1.5	<2	0.96	0.7	10	53	32	3.46	20	1.25	30	0.72
L10-16	J992287	July 10, 2010	5	0.8	7.27	133	770	1.2	<2	0.81	0.7	10	71	33	3.74	20	1.21	20	0.87
L10-17	J992288	July 10, 2010	2	<0.5	7.54	21	730	1.3	<2	0.89	0.5	10	57	28	3.15	20	1.31	20	0.81
L10-18	J992289	July 10, 2010	<1	0.8	7.46	43	1000	1.2	<2	0.53	0.9	13	116	46	4.76	20	1.34	20	1.26
L10-19	J992290	July 10, 2010	6	0.7	7.61	36	990	1.2	2	0.54	0.8	15	113	46	4.81	20	1.37	20	1.25
L10-20	J992291	July 10, 2010	<1	0.9	8.06	40	720	1.4	<2	0.88	0.7	9	53	32	3.39	20	1.35	20	0.65
L10-21	J992292	July 10, 2010	2	0.6	7.36	32	850	1.4	<2	0.92	0.7	13	76	32	3.8	20	1.4	20	0.96
L10-22	J992293	July 10, 2010	7	0.8	7.42	86	1340	1.3	<2	1.56	0.9	14	90	51	4.65	20	1.55	20	0.96
L10-23	J992294	July 10, 2010	5	0.9	7.53	1765	690	1.4	<2	1.08	1.2	16	76	57	4.2	20	1.19	20	0.82
L10-24	J992295	July 10, 2010	7	0.6	7.36	2750	870	1.5	<2	1.34	1.1	17	99	70	4.09	20	1.3	30	1.12
L10-25	J992296	July 10, 2010	7	<0.5	7.41	125	780	1.3	<2	0.88	0.5	11	87	31	4.16	20	1.3	20	0.94
L10-26	J992268	July 10, 2010	9	<0.5	7.02	1020	730	1.3	<2	1.56	<0.5	18	82	46	5.31	20	1.21	20	1.44
L10-27	J992267	July 10, 2010	6	0.7	7.04	1390	720	1.3	2	1.8	0.6	9	66	39	3.59	10	1.12	20	0.97
L10-28	J992271	July 10, 2010	7	<0.5	7.22	39	830	1.3	<2	0.9	<0.5	12	86	30	3.8	10	1.32	20	1.01
L10-29	J992266	July 10, 2010	6	<0.5	7.15	48	810	1.4	<2	0.94	<0.5	10	73	28	3.33	20	1.34	30	0.86
L10-30	J992265	July 10, 2010	8	0.5	7.44	59	830	1.3	3	1	<0.5	10	81	33	3.85	20	1.36	20	0.99
L10-31	J992264	July 10, 2010	1	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
L10-32	J992263	July 10, 2010	2	0.7	6.86	17	760	1.2	<2	0.88	<0.5	7	61	23	3.45	20	1.43	30	0.83
L10-33	J992262	July 10, 2010	2	<0.5	7.38	159	620	1.2	3	0.88	0.6	11	48	27	3.75	20	1.26	20	0.61
L10-34	J992270	July 10, 2010	5	<0.5	7.33	412	680	1.3	5	0.99	<0.5	6	52	26	3.5	20	1.34	20	0.73
L10-35	J992269	July 10, 2010	34	<0.5	7.33	38	860	1.4	<2	0.85	<0.5	12	71	29	3.67	20	1.39	20	1.02
L10-36	J992261	July 10, 2010	2	0.6	7.25	60	820	1.3	5	0.98	<0.5	8	61	29	3.5	30	1.47	30	0.86
L10-37	J992260	July 10, 2010	1	<0.5	7.15	40	740	1.2	3	0.91	<0.5	9	51	21	3.28	20	1.36	30	0.72
L10-38	J992259	July 10, 2010	3	<0.5	7.08	11	640	1.3	3	0.93	<0.5	8	42	21	3.18	20	1.25	20	0.61
L11-1	J992297	July 11, 2010	129	0.8	7.2	43	880	1.2	<2	0.87	0.7	12	102	33	3.74	20	1.29	20	1.01
L11-2	J992298	July 11, 2010	<1	0.7	7.55	88	820	1.4	<2	0.92	0.7	12	81	28	3.81	20	1.38	20	0.8
L11-3	J992299	July 11, 2010	<1	2.5	7.96	525	640	1.6	<2	1.51	1.8	11	52	87	3.14	20	1.18	20	0.67
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L10-1	J992272	July 10, 2010	1475	1	1.51	26	1440	23	0.05	6	15	229	<20	0.35	10	<10	111	<10	116
L10-2	J992273	July 10, 2010	1110	1	1.44	18	1650	20	0.07	<5	11	225	<20	0.35	<10	<10	66	<10	90
L10-3	J992274	July 10, 2010	1585	<1	1.29	44	2260	22	0.1	<5	31	228	<20	0.34	<10	<10	85	<10	120
L10-4	J992275	July 10, 2010	506	2	1.61	22	630	20	0.03	7	10	234	<20	0.38	<10	<10	92	<10	87
L10-5	J992276	July 10, 2010	1660	<1	1.33	19	1110	23	0.05	<5	11	202	<20	0.32	<10	<10	83	<10	101
L10-6	J992277	July 10, 2010	877	1	1.29	15	1390	18	0.06	<5	9	195	<20	0.32	<10	<10	70	<10	90
L10-7	J992278	July 10, 2010	1045	<1	1.43	48	960	14	0.03	<5	11	212	<20	0.37	<10	<10	95	<10	121
L10-8	J992279	July 10, 2010	1190	<1	0.83	181	1220	9	0.03	<5	18	255	<20	0.34	<10	<10	173	<10	84
L10-9	J992280	July 10, 2010	1385	3	1.2	66	1930	19	0.05	<5	15	232	<20	0.35	<10	<10	122	<10	227
L10-10	J992281	July 10, 2010	1090	1	1.26	34	1680	16	0.05	<5	12	204	<20	0.32	<10	<10	107	<10	150
L10-11	J992282	July 10, 2010	699	3	1.53	38	1120	13	0.03	<5	16	167	<20	0.29	<10	<10	157	<10	126
L10-12	J992283	July 10, 2010	962	1	1.31	75	1190	11	0.04	<5	19	302	<20	0.36	<10	<10	178	<10	192
L10-13	J992284	July 10, 2010	540	1	1.34	37	1160	9	0.02	<5	14	285	<20	0.37	<10	<10	145	<10	128
L10-14	J992285	July 10, 2010	1155	1	1.53	18	1470	13	0.03	<5	10	224	<20	0.33	<10	<10	95	<10	94
L10-15	J992286	July 10, 2010	486	2	1.52	27	930	18	0.02	<5	10	221	<20	0.37	<10	<10	91	<10	107
L10-16	J992287	July 10, 2010	392	2	1.4	30	1040	13	0.03	<5	11	212	<20	0.35	<10	<10	112	<10	113
L10-17	J992288	July 10, 2010	583	1	1.46	21	890	14	0.02	<5	11	214	<20	0.34	<10	<10	97	<10	110
L10-18	J992289	July 10, 2010	508	2	1.31	60	1300	10	0.02	<5	14	161	<20	0.33	<10	<10	145	<10	145
L10-19	J992290	July 10, 2010	508	2	1.28	62	1280	12	0.02	<5	14	161	<20	0.35	<10	<10	147	<10	146
L10-20	J992291	July 10, 2010	472	2	1.78	20	1270	16	0.04	<5	10	231	<20	0.37	<10	<10	88	<10	94
L10-21	J992292	July 10, 2010	437	1	1.34	34	970	13	0.02	<5	11	246	<20	0.35	<10	<10	114	<10	154
L10-22	J992293	July 10, 2010	693	3	1.4	44	1110	12	0.02	<5	12	551	<20	0.43	<10	<10	154	<10	168
L10-23	J992294	July 10, 2010	638	2	1.25	37	1570	17	0.05	<5	14	223	<20	0.36	<10	<10	114	<10	107
L10-24	J992295	July 10, 2010	789	2	1.22	56	1300	17	0.04	<5	15	245	<20	0.34	<10	<10	129	<10	124
L10-25	J992296	July 10, 2010	408	2	1.44	31	750	11	0.03	<5	13	218	<20	0.37	<10	<10	126	<10	110
L10-26	J992268	July 10, 2010	796	1	1.43	29	1930	13	0.02	<5	18	226	<20	0.42	<10	<10	160	10	130
L10-27	J992267	July 10, 2010	630	2	1.37	33	1910	14	0.08	<5	12	285	<20	0.34	<10	<10	108	<10	146
L10-28	J992271	July 10, 2010	410	1	1.35	34	900	14	0.02	5	12	205	<20	0.33	<10	<10	117	<10	119
L10-29	J992266	July 10, 2010	544	1	1.52	31	800	16	0.02	6	11	220	<20	0.33	<10	<10	97	<10	126
L10-30	J992265	July 10, 2010	521	1	1.54	32	950	16	0.03	<5	12	229	<20	0.35	<10	<10	113	<10	108
L10-31	J992264	July 10, 2010	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
L10-32	J992263	July 10, 2010	477	1	1.45	23	910	13	0.02	<5	10	208	<20	0.37	<10	<10	99	<10	93
L10-33	J992262	July 10, 2010	779	2	1.54	20	1810	19	0.04	<5	9	204	<20	0.36	<10	<10	81	<10	97
L10-34	J992270	July 10, 2010	405	1	1.6	18	1410	15	0.03	<5	10	216	<20	0.36	<10	<10	97	<10	88
L10-35	J992269	July 10, 2010	682	1	1.47	33	1170	13	0.02	<5	12	220	<20	0.34	<10	<10	114	<10	116
L10-36	J992261	July 10, 2010	562	2	1.6	20	1520	15	0.02	<5	11	230	<20	0.37	<10	<10	106	<10	93
L10-37	J992260	July 10, 2010	492	1	1.56	18	1320	14	0.02	<5	9	213	<20	0.36	<10	<10	88	<10	94
L10-38	J992259	July 10, 2010	454	2	1.63	14	1250	13	0.02	<5	9	217	<20	0.35	<10	<10	76	10	91
L11-1	J992297	July 11, 2010	366	2	1.45	40	840	13	0.03	<5	11	217	<20	0.35	<10	<10	117	<10	120
L11-2	J992298	July 11, 2010	469	2	1.47	34	1130	14	0.03	<5	11	225	<20	0.37	<10	<10	110	<10	155
L11-3	J992299	July 11, 2010	1410	2	1.61	138	1800	17	0.07	<5	12	288	<20	0.34	<10	<10	76	<10	119
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>



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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L11-4	J992300	July 11, 2010	5	0.6	7.43	57	970	1.3	<2	0.83	0.7	14	108	40	4.22	20	1.44	20	1.12
L11-5	J992301	July 11, 2010	11	2.4	8.14	423	880	1.6	<2	1.05	1	15	86	77	4.56	20	1.36	20	0.9
L11-6	J992302	July 11, 2010	<1	1.3	7.81	41	690	1.4	<2	0.81	0.8	8	54	21	3.09	20	1.29	20	0.55
L11-7	J992303	July 11, 2010	5	<0.5	7.03	55	870	1.3	<2	1.04	0.7	13	89	32	4.1	20	1.42	20	1.07
L11-8	J992304	July 11, 2010	3	0.9	6.92	123	890	1.4	<2	1.15	0.7	15	83	33	4.14	20	1.46	30	1.13
L11-9	J992305	July 11, 2010	2	0.9	7.41	124	780	1.5	<2	0.94	0.6	13	67	30	3.57	20	1.42	20	0.81
L11-10	J992306	July 11, 2010	<1	<0.5	7.58	29	910	1.5	<2	0.91	0.9	14	85	28	3.75	20	1.56	20	1.03
L11-11	J992307	July 11, 2010	14	1.1	6.95	1170	890	1.5	<2	1.63	18.6	13	82	104	3.65	20	1.44	30	1.01
L12-1	J992345	July 13, 2010	2	0.8	7.5	20	650	1.6	2	1.15	0.5	14	47	46	3.78	20	1.36	30	0.73
L12-2	J992344	July 13, 2010	<1	<0.5	7.34	17	720	1.4	<2	0.91	0.6	10	56	30	3.72	20	1.36	20	0.92
L12-3	J992343	July 13, 2010	<1	<0.5	7.1	17	730	1.5	<2	0.99	<0.5	11	62	29	3.44	20	1.33	30	0.87
L12-4	J992342	July 13, 2010	1	<0.5	7.14	49	660	1.3	<2	0.8	<0.5	14	61	48	4.01	20	1.25	20	1.21
L12-5	J992341	July 13, 2010	13	<0.5	7.57	119	580	1.5	<2	0.9	0.6	14	37	72	4.73	20	1.19	20	0.83
L12-6	J992340	July 13, 2010	1	<0.5	7.16	43	340	1.2	<2	0.79	0.7	29	27	116	7	10	0.8	20	0.92
L12-7	J992339	July 13, 2010	<1	0.7	7.26	23	530	1.1	<2	1.09	0.6	17	39	51	4.9	20	1.17	20	1.43
L12-8	J992338	July 13, 2010	1	<0.5	7.86	27	550	1.4	<2	0.95	0.7	24	59	61	4.21	10	1.12	20	0.97
L12-9	J992337	July 13, 2010	1	0.6	7.38	31	660	1.2	<2	0.8	0.7	19	83	45	4.76	20	1.27	20	1.2
L12-10	J992336	July 13, 2010	2	<0.5	6.88	16	880	1.6	<2	1.43	0.6	13	84	33	3.47	20	1.53	30	1.22
L12-11	J992335	July 13, 2010	<1	2.5	8.42	18	680	1.7	<2	1.29	0.7	10	49	28	3.44	20	1.3	20	0.73
L12-12	J992334	July 11, 2010	4	0.5	7.64	34	960	1.5	<2	1.5	1.4	18	90	80	4.32	20	1.54	30	1.33
L12-13	J992333	July 11, 2010	92	0.5	7.5	35	650	1.4	<2	0.79	1	13	54	44	3.29	20	1.18	20	0.71
L12-14	J992332	July 11, 2010	4	2	7.79	57	840	1.5	<2	1.12	3.4	17	77	74	4.52	20	1.29	30	0.98
L12-15	J992331	July 11, 2010	1	0.9	7.4	41	840	1.4	<2	0.83	0.8	12	66	45	4.1	20	1.33	20	0.97
L12-16	J992330	July 11, 2010	1	1.1	7.24	34	900	1.2	<2	0.9	0.9	11	67	31	4.06	20	1.4	20	0.94
L12-17	J992329	July 11, 2010	<1	<0.5	7	16	790	1.3	<2	0.97	0.5	8	67	22	3.7	20	1.36	30	0.87
L12-18	J992328	July 11, 2010	3	1	6.99	34	930	1.3	2	0.98	0.6	12	77	34	4.16	20	1.32	30	1.02
L12-19	J992327	July 11, 2010	<1	0.6	6.77	28	780	1.2	<2	0.96	0.7	9	54	28	3.75	20	1.33	20	0.7
L12-20	J992326	July 11, 2010	1	<0.5	7.05	28	740	1.3	<2	0.96	0.7	13	68	34	3.71	20	1.22	20	0.83
L12-21	J992325	July 11, 2010	1	0.8	7.66	68	640	1.5	3	1.23	1.4	13	53	39	3.38	20	1.05	20	0.67
L12-22	J992324	July 11, 2010	1	1.5	6.01	23	590	1.5	<2	1.1	1.1	12	57	35	3.25	20	1.04	20	0.69
L12-23	J992323	July 11, 2010	3	0.6	6.58	48	800	1.4	<2	0.69	0.6	10	74	39	3.46	20	1.28	20	0.82
L12-24	J992322	July 11, 2010	2	<0.5	8.21	30	750	1.5	<2	0.82	<0.5	12	60	40	3.53	20	1.31	20	0.78
L12-25	J992321	July 11, 2010	3	0.7	7.37	39	940	1.3	<2	0.75	0.9	14	87	39	4.37	20	1.44	20	1.08
L12-26	J992320	July 11, 2010	7	0.6	6.97	31	980	1.3	<2	1	1.1	12	85	35	4.06	20	1.39	20	1.01
L12-27	J992319	July 11, 2010	5	<0.5	6.99	30	960	1.4	<2	0.87	1.4	15	96	46	3.86	10	1.45	20	1.11
L12-28	J992318	July 11, 2010	<1	0.6	7.63	19	880	1.4	<2	0.87	0.7	12	93	33	4.09	20	1.33	20	0.94
L12-29	J992317	July 11, 2010	6	0.5	7.68	31	760	1.5	<2	0.82	1	13	76	42	3.66	20	1.23	20	0.78
L12-30	J992316	July 11, 2010	2	1	7.35	108	930	1.3	<2	0.91	0.9	11	78	35	4.35	20	1.37	20	0.78
L12-31	J992315	July 11, 2010	74	0.8	7.47	46	900	1.4	<2	0.84	0.7	11	86	33	3.88	20	1.45	20	0.84
L12-32	J992314	July 11, 2010	3	0.6	7.38	37	1020	1.4	<2	0.87	0.8	15	104	38	3.97	20	1.49	20	1.1
L12-33	J992313	July 11, 2010	118	0.8	7.29	49	870	1.3	<2	0.79	1.1	14	86	33	4.01	20	1.3	20	0.79
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L11-4	J992300	July 11, 2010	491	2	1.35	48	1490	17	0.02	<5	13	214	<20	0.32	<10	<10	129	<10	132
L11-5	J992301	July 11, 2010	822	6	1.35	82	1240	16	0.04	<5	16	226	<20	0.36	<10	<10	120	<10	147
L11-6	J992302	July 11, 2010	478	1	1.58	17	1350	14	0.03	<5	9	202	<20	0.35	<10	<10	83	<10	105
L11-7	J992303	July 11, 2010	587	2	1.37	42	1380	13	0.02	<5	13	226	<20	0.35	<10	<10	122	<10	132
L11-8	J992304	July 11, 2010	823	2	1.38	33	1510	15	0.02	<5	14	229	<20	0.39	<10	<10	137	<10	126
L11-9	J992305	July 11, 2010	574	2	1.53	25	1350	16	0.02	<5	11	225	<20	0.37	<10	<10	99	<10	124
L11-10	J992306	July 11, 2010	436	1	1.35	38	900	16	0.02	<5	12	218	<20	0.37	<10	<10	118	<10	135
L11-11	J992307	July 11, 2010	1220	2	1.5	64	1390	18	0.05	<5	15	294	<20	0.34	<10	<10	108	<10	436
L12-1	J992345	July 13, 2010	956	2	1.75	21	1160	18	0.04	<5	11	240	<20	0.39	<10	<10	76	<10	94
L12-2	J992344	July 13, 2010	692	3	1.45	21	1280	11	0.03	5	11	216	<20	0.37	<10	<10	99	<10	105
L12-3	J992343	July 13, 2010	495	2	1.48	25	870	12	0.02	<5	11	221	<20	0.36	<10	<10	95	<10	111
L12-4	J992342	July 13, 2010	610	2	1.44	29	1030	12	0.03	<5	13	188	<20	0.35	<10	<10	110	<10	97
L12-5	J992341	July 13, 2010	939	3	1.76	16	1660	12	0.04	<5	11	233	<20	0.35	<10	<10	81	<10	107
L12-6	J992340	July 13, 2010	957	2	1.63	14	2100	11	0.05	<5	11	216	<20	0.29	<10	<10	83	<10	87
L12-7	J992339	July 13, 2010	1175	2	1.75	16	1350	13	0.04	<5	14	223	<20	0.41	<10	<10	117	<10	108
L12-8	J992338	July 13, 2010	1025	3	1.34	25	1390	12	0.04	<5	13	183	<20	0.35	<10	<10	97	<10	136
L12-9	J992337	July 13, 2010	641	2	1.26	30	1260	10	0.03	<5	14	191	<20	0.36	<10	<10	125	<10	131
L12-10	J992336	July 13, 2010	619	1	1.37	40	660	11	0.02	<5	14	265	<20	0.34	<10	<10	118	<10	102
L12-11	J992335	July 13, 2010	680	2	1.62	22	1380	15	0.04	<5	10	252	<20	0.39	<10	<10	77	<10	124
L12-12	J992334	July 11, 2010	1615	2	1.34	46	1210	12	0.02	<5	19	279	<20	0.34	<10	<10	124	<10	184
L12-13	J992333	July 11, 2010	809	2	1.32	26	1510	9	0.04	<5	11	186	<20	0.32	<10	<10	78	<10	126
L12-14	J992332	July 11, 2010	1410	3	1.33	60	1790	10	0.05	<5	18	232	<20	0.37	<10	<10	113	<10	189
L12-15	J992331	July 11, 2010	747	3	1.44	33	1170	11	0.03	<5	12	217	<20	0.35	<10	<10	111	<10	141
L12-16	J992330	July 11, 2010	891	3	1.59	32	1580	12	0.02	<5	12	253	<20	0.39	<10	<10	115	<10	129
L12-17	J992329	July 11, 2010	579	2	1.36	24	1660	11	0.02	<5	11	210	<20	0.36	<10	<10	106	<10	112
L12-18	J992328	July 11, 2010	736	2	1.33	33	2090	9	0.02	<5	13	210	<20	0.34	<10	<10	117	<10	125
L12-19	J992327	July 11, 2010	961	2	1.55	20	2790	13	0.03	<5	10	218	<20	0.37	<10	<10	93	<10	103
L12-20	J992326	July 11, 2010	842	2	1.35	30	1300	12	0.03	<5	11	208	<20	0.32	<10	<10	96	<10	123
L12-21	J992325	July 11, 2010	1000	3	1.38	32	1640	10	0.05	<5	11	226	<20	0.34	<10	<10	77	<10	158
L12-22	J992324	July 11, 2010	893	2	1.37	31	1380	13	0.05	<5	9	216	<20	0.34	<10	<10	79	<10	120
L12-23	J992323	July 11, 2010	629	2	1.43	33	1080	9	0.02	<5	10	183	<20	0.33	<10	<10	98	<10	116
L12-24	J992322	July 11, 2010	479	3	1.61	30	1110	12	0.05	5	11	204	<20	0.35	<10	<10	91	<10	134
L12-25	J992321	July 11, 2010	550	2	1.25	42	1420	13	0.02	5	13	185	<20	0.33	<10	<10	131	<10	136
L12-26	J992320	July 11, 2010	1200	2	1.4	32	1670	15	0.03	<5	12	314	<20	0.37	<10	<10	119	<10	132
L12-27	J992319	July 11, 2010	547	2	1.39	66	1010	15	0.02	<5	13	229	<20	0.34	<10	<10	128	<10	137
L12-28	J992318	July 11, 2010	547	2	1.61	35	1590	13	0.02	<5	12	307	<20	0.4	<10	<10	118	<10	132
L12-29	J992317	July 11, 2010	652	2	1.34	44	1200	15	0.03	<5	12	200	<20	0.34	<10	<10	103	<10	134
L12-30	J992316	July 11, 2010	699	2	1.52	32	2080	17	0.03	<5	11	225	<20	0.38	<10	<10	112	<10	144
L12-31	J992315	July 11, 2010	514	1	1.54	36	1110	14	0.02	<5	12	228	<20	0.39	<10	<10	120	<10	131
L12-32	J992314	July 11, 2010	477	2	1.29	64	1150	11	0.02	<5	13	230	<20	0.34	<10	<10	135	<10	174
L12-33	J992313	July 11, 2010	656	2	1.46	37	1390	13	0.03	5	11	223	<20	0.36	<10	<10	110	<10	157
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L12-34	J992312	July 11, 2010	2	1.1	7.17	28	840	1.3	<2	0.83	0.8	12	79	28	3.61	20	1.34	20	0.82
L12-35	J992311	July 11, 2010	3	0.9	6.92	32	900	1.4	<2	0.9	0.8	14	86	35	3.78	20	1.39	20	0.95
L12-36	J992310	July 11, 2010	3	<0.5	7.21	37	830	1.4	<2	0.97	0.9	13	75	37	3.86	20	1.32	20	0.91
L12-37	J992309	July 11, 2010	28	1.1	7.45	26	830	1.5	<2	1.17	1	14	73	31	3.97	20	1.35	20	1.01
L12-38	J992308	July 11, 2010	1	0.8	7.21	33	760	1.5	<2	0.94	1.1	13	67	36	3.77	20	1.34	30	0.86
L13-1	J992346	July 13, 2010	2	0.8	7	23	670	1.6	<2	1.31	1.2	18	64	71	3.98	20	1.23	40	1
L13-2	J992347	July 13, 2010	<1	0.5	7	46	650	1.5	<2	1.08	0.7	15	56	43	3.63	10	1.26	30	0.84
L13-3	J992348	July 13, 2010	<1	<0.5	6.99	21	660	1.3	<2	0.9	0.5	8	53	28	4.01	20	1.27	20	0.7
L13-4	J992349	July 13, 2010	1	0.7	7.46	10	580	1.3	<2	0.85	0.5	11	40	43	3.51	20	1.22	20	0.94
L13-5	J992350	July 13, 2010	<1	<0.5	7.47	11	580	1.1	2	0.65	<0.5	21	64	43	5.36	20	1.47	10	2.84
L13-6	J992351	July 13, 2010	119	<0.5	7	313	450	1	<2	0.51	0.6	41	136	104	7.8	10	1.48	10	0.97
L13-7	J992352	July 13, 2010	<1	<0.5	6.98	22	700	1.2	<2	1.58	<0.5	24	242	39	4.93	20	1.24	20	2.74
L13-8	J992353	July 13, 2010	<1	<0.5	6.69	12	680	1.2	<2	0.81	<0.5	11	51	27	3.46	20	1.28	20	0.79
L13-9	J992354	July 13, 2010	<1	0.6	5.89	16	650	1.3	<2	0.8	0.6	10	45	30	3.12	20	1.19	10	0.64
L13-10	J992355	July 13, 2010	4	1	6.52	26	600	1.3	<2	1.19	0.9	15	62	55	3.72	20	1.14	20	0.94
L13-11	J992356	July 13, 2010	8	<0.5	6.77	20	810	1.3	<2	1.08	<0.5	11	78	30	3.74	20	1.33	30	1.05
L13-12	J992357	July 13, 2010	3	1.5	7.81	35	590	1.5	<2	1.73	3.4	15	67	54	3.71	20	0.98	20	0.72
L13-13	J992358	July 13, 2010	15	1.6	7.05	10	730	1.2	<2	1.06	0.8	8	53	33	3.53	20	1.23	20	0.67
L13-14	J992359	July 13, 2010	5	1.1	8.1	22	650	1.5	<2	0.83	0.9	19	62	43	3.85	20	1.12	30	0.65
L13-15	J992360	July 13, 2010	<1	<0.5	6.92	22	690	1.2	<2	0.85	0.5	6	47	26	3.64	20	1.24	20	0.54
L13-16	J992361	July 13, 2010	17	<0.5	7.66	41	890	1.4	<2	0.78	1.4	23	97	65	4.46	20	1.31	30	1.22
L13-17	J992362	July 13, 2010	1	0.5	8.28	26	720	1.3	<2	0.72	0.6	10	59	30	3.88	20	1.15	20	0.67
L13-18	J992364	July 13, 2010	2	1	8.67	38	780	1.7	<2	1.47	3.1	14	60	54	3.54	20	1.15	30	0.69
L13-19	J992365	July 13, 2010	<1	0.7	8.17	33	730	1.3	<2	0.79	0.6	9	58	32	3.63	20	1.19	20	0.76
L13-20	J992363	July 13, 2010	2	0.5	7.56	19	780	1.2	<2	0.76	1	12	82	35	3.85	10	1.08	20	1.04
L13-21	J992366	July 13, 2010	7	1.2	8.09	60	910	1.4	<2	1.07	1.7	21	96	56	4.6	10	1.16	30	1.15
L13-22	J992367	July 13, 2010	7	0.5	7.37	53	1000	1.3	<2	1.35	1.4	17	105	51	4.5	20	1.43	30	1.32
L13-23	J992368	July 13, 2010	4	0.7	8.44	24	870	1.3	<2	0.67	0.9	14	93	44	4.11	20	1.14	20	1.22
L13-24	J992369	July 13, 2010	2	0.6	8.59	20	960	1.2	<2	0.78	1	14	128	46	3.91	20	0.99	20	1.43
L13-25	J992370	July 13, 2010	9	0.5	8.22	25	1070	1.1	<2	0.87	1.6	14	118	42	4.43	20	1.09	20	1.47
L13-26	J992371	July 13, 2010	5	1	7.46	31	850	1.2	<2	1.94	2.9	12	97	56	3.49	10	1	20	1.17
L13-27	J992372	July 13, 2010	13	0.8	7.65	43	1200	1.3	2	0.54	1.7	20	175	94	4.45	20	1.31	30	1.71
L13-28	J992373	July 13, 2010	27	0.5	7.77	42	1130	1.3	<2	0.66	0.8	17	152	52	4.49	20	1.39	20	1.45
L13-29	J992374	July 14, 2010	10	0.7	7.77	27	970	1.1	<2	0.56	1.4	20	220	62	4.37	20	1.05	30	1.94
L13-30	J992375	July 14, 2010	3	1.3	8.06	24	910	1.2	<2	0.85	2.2	15	166	67	3.91	20	1.06	20	1.55
L13-31	J992376	July 14, 2010	4	0.5	7.24	23	920	0.8	<2	0.39	0.6	15	234	35	4.26	10	0.8	10	2.89
L13-32	J992377	July 14, 2010	16	1.1	6.82	57	910	0.9	<2	0.63	1.7	26	139	40	4.36	10	0.86	20	1.51
L13-33	J992378	July 14, 2010	20	1.3	7.63	23	1070	1	<2	0.73	3.1	32	178	93	6.59	10	1.02	30	2.61
L13-34	J992379	July 14, 2010	13	1.3	8.14	39	970	1.3	<2	0.55	1.6	19	139	70	4.82	20	1.08	20	1.57
L13-35	J992380	July 14, 2010	4	0.5	7.76	25	970	1.1	2	0.61	1.2	18	138	54	4.37	20	1.03	20	1.61
L13-36	J992381	July 14, 2010	6	0.5	8	32	980	1.1	<2	0.67	1.3	17	173	52	4.68	20	1.08	20	1.74
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L12-34	J992312	July 11, 2010	565	2	1.5	35	1090	13	0.02	<5	11	222	<20	0.37	<10	<10	108	<10	136
L12-35	J992311	July 11, 2010	667	2	1.36	46	1030	17	0.02	<5	12	239	<20	0.36	<10	<10	116	<10	144
L12-36	J992310	July 11, 2010	649	2	1.45	36	1140	308	0.02	<5	11	247	<20	0.34	<10	<10	110	<10	159
L12-37	J992309	July 11, 2010	532	3	1.39	34	1230	17	0.03	<5	11	262	<20	0.36	<10	<10	112	<10	162
L12-38	J992308	July 11, 2010	522	3	1.39	37	810	18	0.02	<5	11	223	<20	0.39	<10	<10	103	<10	147
L13-1	J992346	July 13, 2010	1690	2	1.34	30	2320	17	0.08	<5	16	224	<20	0.34	<10	<10	91	<10	143
L13-2	J992347	July 13, 2010	1430	1	1.39	23	1490	14	0.04	<5	12	219	<20	0.35	<10	<10	90	<10	110
L13-3	J992348	July 13, 2010	584	3	1.47	18	1010	15	0.03	<5	10	203	<20	0.37	<10	<10	90	<10	92
L13-4	J992349	July 13, 2010	640	2	1.65	16	1010	11	0.03	<5	11	197	<20	0.35	<10	<10	90	<10	86
L13-5	J992350	July 13, 2010	755	2	1.4	38	930	10	0.02	<5	17	163	<20	0.4	<10	<10	162	<10	117
L13-6	J992351	July 13, 2010	1810	1	1.15	71	2020	12	0.04	<5	18	114	<20	0.24	<10	<10	123	<10	122
L13-7	J992352	July 13, 2010	1030	1	1.41	77	1190	13	0.02	<5	15	211	<20	0.37	<10	<10	127	<10	106
L13-8	J992353	July 13, 2010	446	2	1.57	18	780	10	0.02	<5	10	197	<20	0.36	<10	<10	96	<10	97
L13-9	J992354	July 13, 2010	491	2	1.5	16	1350	9	0.03	<5	8	187	<20	0.32	<10	<10	79	<10	93
L13-10	J992355	July 13, 2010	880	2	1.33	27	1210	10	0.04	<5	11	226	<20	0.34	<10	<10	98	<10	119
L13-11	J992356	July 13, 2010	680	1	1.4	31	1300	9	0.01	<5	13	227	<20	0.36	<10	<10	113	<10	102
L13-12	J992357	July 13, 2010	1575	2	1.3	39	1600	12	0.08	<5	13	306	<20	0.35	<10	<10	74	<10	131
L13-13	J992358	July 13, 2010	771	3	1.5	18	1680	16	0.04	<5	11	265	<20	0.38	<10	<10	95	<10	78
L13-14	J992359	July 13, 2010	946	3	1.31	25	1500	16	0.04	<5	12	187	<20	0.33	<10	<10	85	<10	122
L13-15	J992360	July 13, 2010	420	3	1.51	13	1060	16	0.03	<5	9	206	<20	0.38	<10	<10	87	<10	73
L13-16	J992361	July 13, 2010	1075	3	1.36	121	1020	18	0.02	<5	15	256	<20	0.36	<10	<10	125	<10	189
L13-17	J992362	July 13, 2010	540	3	1.52	26	1450	14	0.04	<5	10	230	<20	0.36	10	<10	86	<10	112
L13-18	J992364	July 13, 2010	1240	2	1.47	70	1650	17	0.06	<5	13	276	<20	0.36	<10	<10	79	<10	148
L13-19	J992365	July 13, 2010	467	3	1.5	30	1270	15	0.03	<5	10	235	<20	0.35	<10	<10	89	<10	134
L13-20	J992363	July 13, 2010	733	2	1.43	37	1400	12	0.04	<5	12	329	<20	0.37	<10	<10	105	<10	127
L13-21	J992366	July 13, 2010	1025	3	1.24	67	1230	15	0.04	<5	16	265	<20	0.31	<10	<10	120	<10	148
L13-22	J992367	July 13, 2010	894	3	1.51	76	820	15	0.02	<5	18	276	<20	0.3	<10	<10	134	<10	131
L13-23	J992368	July 13, 2010	529	2	1.67	61	1220	13	0.03	5	14	347	<20	0.4	<10	<10	123	<10	162
L13-24	J992369	July 13, 2010	543	2	1.71	69	1040	10	0.04	<5	15	459	<20	0.41	10	<10	130	<10	160
L13-25	J992370	July 13, 2010	496	2	1.66	77	840	12	0.03	<5	17	467	<20	0.46	<10	<10	157	<10	185
L13-26	J992371	July 13, 2010	1190	2	1.47	85	2220	11	0.1	5	13	369	<20	0.36	10	<10	102	<10	170
L13-27	J992372	July 13, 2010	747	2	1.55	180	940	15	0.02	<5	18	280	<20	0.35	10	<10	142	<10	207
L13-28	J992373	July 13, 2010	769	2	1.59	98	1220	14	0.02	<5	15	263	<20	0.36	10	<10	140	<10	140
L13-29	J992374	July 14, 2010	775	2	1.61	136	1310	11	0.03	<5	16	260	<20	0.37	10	<10	127	<10	156
L13-30	J992375	July 14, 2010	864	2	1.54	161	1650	10	0.05	<5	15	283	<20	0.39	<10	<10	117	<10	162
L13-31	J992376	July 14, 2010	525	1	2.06	129	740	7	0.02	<5	15	290	<20	0.35	<10	<10	152	<10	125
L13-32	J992377	July 14, 2010	977	2	1.38	94	2180	11	0.04	<5	15	291	<20	0.36	<10	<10	135	<10	180
L13-33	J992378	July 14, 2010	1615	3	1.2	246	1230	16	0.02	<5	23	338	<20	0.39	<10	<10	191	<10	256
L13-34	J992379	July 14, 2010	710	2	1.5	124	1150	14	0.03	<5	17	272	<20	0.38	<10	<10	139	<10	175
L13-35	J992380	July 14, 2010	846	2	1.4	103	1700	10	0.04	<5	16	318	<20	0.38	<10	<10	140	<10	176
L13-36	J992381	July 14, 2010	777	2	1.46	94	1330	11	0.03	<5	16	329	<20	0.41	<10	<10	144	<10	168
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L13-37	J992382	July 14, 2010	5	0.6	7.54	31	1000	1.1	<2	0.54	1.1	14	175	54	4.58	10	1.04	20	1.76
L13-38	J992383	July 14, 2010	7	<0.5	7.3	9	1200	0.9	<2	0.49	1.3	24	182	67	5.17	10	1.12	20	2.69
L14-1	J992390	July 15, 2010	<1	0.7	7.34	8	770	1.3	<2	1.07	<0.5	7	56	25	3.06	20	1.44	30	0.77
L14-2	J992391	July 15, 2010	1	<0.5	7.38	10	630	1.2	<2	0.83	<0.5	9	53	35	3.43	20	1.24	20	0.68
L14-3	J992392	July 15, 2010	1	<0.5	7.18	18	750	1.3	<2	0.8	0.5	10	71	26	3.96	20	1.34	20	0.91
L14-4	J992393	July 15, 2010	1	<0.5	7.24	14	690	1.3	2	0.79	0.6	9	66	33	3.78	20	1.25	20	0.94
L14-5	J992394	July 15, 2010	<1	0.7	7.74	11	640	1.4	<2	0.86	0.7	6	47	40	4.1	20	1.3	20	0.81
L14-6	J992395	July 15, 2010	1	0.5	7.4	22	620	1.1	<2	0.75	0.7	15	57	50	4.6	20	1.26	10	1.52
L14-7	J992396	July 15, 2010	10	0.6	7.55	14	530	1	<2	0.72	1.1	12	55	59	5.16	20	1.18	10	1.78
L14-8	J992397	July 15, 2010	1	0.6	7.17	14	640	1.2	2	0.75	1.2	11	52	56	4.61	20	1.25	10	0.99
L14-9	J992398	July 15, 2010	3	1.3	8.12	24	590	1.5	<2	1.72	2.8	16	78	85	4.18	20	1.1	20	0.79
L14-10	J992399	July 15, 2010	3	1.3	9.06	31	870	1.8	<2	0.85	2.3	20	96	76	4.88	30	1.27	30	1
L14-11	J992400	July 15, 2010	1	0.8	7.09	34	730	1.4	<2	1.58	1	15	65	41	4.42	20	1.23	20	0.87
L14-12	J992401	July 15, 2010	3	0.7	7.27	21	790	1.4	<2	1.82	1.5	10	75	32	3.58	20	1.3	30	1.05
L14-13	J992402	July 15, 2010	2	1.1	8.24	26	730	1.6	<2	0.85	1.3	19	70	51	4.1	20	1.19	20	0.78
L14-14	J992403	July 15, 2010	3	1.9	8.51	39	700	1.6	<2	0.74	1.5	18	72	52	4.23	20	1.09	30	0.69
L14-15	J992404	July 15, 2010	5	1	8.9	29	760	1.4	<2	0.61	1.2	15	113	56	4.92	20	1.22	20	0.98
L14-16	J992405	July 15, 2010	1	0.9	7.75	19	810	1.2	<2	0.45	1.1	9	217	47	5.04	20	1.07	10	1.48
L14-17	J992406	July 15, 2010	1	<0.5	8.23	23	980	1.2	<2	0.41	0.8	16	249	45	5.41	20	1.08	10	2.07
L14-18	J992407	July 15, 2010	2	1.1	8.02	18	920	1.3	<2	0.76	2	21	180	58	4.5	20	1.02	20	1.73
L14-19	J992408	July 15, 2010	5	1.1	8.15	16	920	1.3	<2	0.7	2.4	16	197	51	4.17	10	1.03	20	1.77
L14-20	J992409	July 15, 2010	4	1.5	7.88	17	1140	1.2	<2	0.54	2.6	17	189	61	4.44	20	1.1	20	1.85
L14-21	J992410	July 15, 2010	3	0.8	8.11	13	970	1.3	<2	0.43	2.1	19	151	68	4.32	20	1.07	30	1.68
L14-22	J992411	July 15, 2010	2	0.6	7.8	15	1090	1.2	<2	0.38	0.9	13	210	50	4.66	20	1.19	10	1.96
L14-23	J992412	July 15, 2010	2	1	7.67	17	1120	1	<2	0.26	1	15	249	52	4.86	20	1.12	10	2.22
L14-24	J992413	July 15, 2010	6	0.6	7.22	39	970	1.1	<2	0.86	2.3	21	202	70	4.92	20	1.11	20	1.82
L14-25	J992414	July 15, 2010	5	1.3	7.58	18	750	1.3	2	1.49	2.9	19	137	71	4.41	20	0.97	20	1.3
L14-26	J992415	July 15, 2010	11	2.2	7.78	32	810	1.6	<2	0.55	3.5	32	159	87	4.46	10	1.02	30	1.41
L14-27	J992416	July 15, 2010	9	1.5	7.05	30	1000	1.2	<2	0.69	2.7	22	172	86	5.66	20	1.17	20	1.81
L14-28	J992417	July 15, 2010	25	3	6.98	24	1620	1.2	<2	0.64	3.4	32	181	150	6.33	20	1.55	30	2.26
L14-29	J992418	July 15, 2010	2	1.4	7.31	20	920	1.1	<2	1.03	2.4	18	194	71	4.61	20	0.99	20	1.67
L14-30	J992419	July 15, 2010	7	1.3	8.09	28	1150	1.1	<2	0.84	2.3	28	252	73	5.4	20	1.01	30	2.27
L14-31	J992420	July 15, 2010	4	1.2	7.93	21	1040	1.3	2	0.59	1.8	23	206	77	4.84	20	1.15	30	1.92
L14-32	J992421	July 15, 2010	2	0.8	7.33	16	880	1.1	<2	0.63	1.4	20	174	63	4.42	20	1.08	20	1.37
L14-33	J992389	July 14, 2010	733	0.9	7.74	17	990	1.2	<2	1.06	1.8	17	161	65	4.03	10	1.06	20	1.46
L14-34	J992388	July 14, 2010	1	0.5	7.27	22	930	1.1	<2	0.53	1.6	19	152	64	4.3	20	1.05	20	1.44
L14-35	J992387	July 14, 2010	5	1.5	7.75	24	930	1.2	<2	0.93	2.5	24	193	72	4.63	10	1.08	20	1.61
L14-36	J992386	July 14, 2010	2	0.9	7.6	18	970	1.2	<2	0.81	2.4	24	205	70	4.89	20	1.07	20	1.64
L14-37	J992385	July 14, 2010	5	<0.5	7.22	17	910	1	<2	0.55	1.2	14	165	59	4.78	20	1.11	20	1.51
L14-38	J992384	July 14, 2010	2	0.5	7.5	22	1090	1.1	<2	0.46	1.6	20	194	67	5.02	20	1.2	20	1.51
L15-1	J992434	July 15, 2010	<1	1.3	7.79	23	910	1.2	<2	1.13	2.5	13	179	64	4.07	20	1.01	20	1.83
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

**Table 1**  
**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L13-37	J992382	July 14, 2010	657	2	1.47	99	1250	10	0.03	5	16	286	<20	0.4	<10	<10	138	<10	154
L13-38	J992383	July 14, 2010	574	2	1.67	179	960	9	0.02	<5	16	369	<20	0.34	<10	<10	147	<10	190
L14-1	J992390	July 15, 2010	767	3	1.54	18	1200	15	0.02	<5	11	219	<20	0.36	<10	<10	89	<10	86
L14-2	J992391	July 15, 2010	1155	2	1.35	14	1770	15	0.03	<5	10	187	<20	0.35	<10	<10	85	<10	79
L14-3	J992392	July 15, 2010	823	2	1.19	25	2380	15	0.03	<5	11	182	<20	0.35	<10	<10	103	<10	102
L14-4	J992393	July 15, 2010	541	2	1.16	23	1580	11	0.03	<5	11	175	<20	0.31	<10	<10	96	<10	96
L14-5	J992394	July 15, 2010	545	4	1.65	18	1080	13	0.03	6	11	216	<20	0.4	<10	<10	102	<10	84
L14-6	J992395	July 15, 2010	919	2	1.53	23	1510	7	0.03	<5	14	190	<20	0.39	<10	<10	140	<10	100
L14-7	J992396	July 15, 2010	548	2	1.49	26	1080	5	0.03	<5	15	177	<20	0.35	<10	<10	143	<10	89
L14-8	J992397	July 15, 2010	1175	3	1.44	22	2980	9	0.04	6	12	190	<20	0.37	<10	<10	121	<10	122
L14-9	J992398	July 15, 2010	1380	3	1.42	31	1330	12	0.04	9	14	276	<20	0.41	<10	<10	95	<10	196
L14-10	J992399	July 15, 2010	625	3	1.44	59	1000	16	0.02	<5	15	233	<20	0.4	<10	<10	125	<10	166
L14-11	J992400	July 15, 2010	626	2	1.38	23	1540	12	0.03	<5	11	267	<20	0.34	<10	<10	108	<10	115
L14-12	J992401	July 15, 2010	1060	2	1.37	34	1450	11	0.06	<5	13	310	<20	0.36	<10	<10	108	<10	187
L14-13	J992402	July 15, 2010	900	4	1.37	32	1070	14	0.03	<5	11	206	<20	0.36	<10	<10	106	<10	157
L14-14	J992403	July 15, 2010	596	3	1.48	45	1190	15	0.03	<5	12	196	<20	0.34	10	<10	101	<10	133
L14-15	J992404	July 15, 2010	519	4	1.72	68	1080	14	0.03	<5	13	196	<20	0.37	<10	<10	115	<10	169
L14-16	J992405	July 15, 2010	387	4	1.75	88	1200	12	0.03	6	12	180	<20	0.34	<10	<10	128	<10	148
L14-17	J992406	July 15, 2010	550	4	1.97	117	2000	8	0.04	<5	14	207	<20	0.4	<10	<10	148	<10	158
L14-18	J992407	July 15, 2010	768	3	1.59	121	1610	9	0.05	<5	13	223	<20	0.37	<10	<10	125	<10	176
L14-19	J992408	July 15, 2010	667	2	1.59	147	1350	10	0.05	<5	14	217	<20	0.34	<10	<10	124	<10	138
L14-20	J992409	July 15, 2010	581	3	1.54	168	1020	10	0.04	<5	15	205	<20	0.36	<10	<10	143	<10	177
L14-21	J992410	July 15, 2010	602	3	1.64	122	1120	10	0.04	<5	14	198	<20	0.34	<10	<10	127	<10	193
L14-22	J992411	July 15, 2010	427	3	1.77	103	690	10	0.04	8	15	180	<20	0.35	<10	<10	154	<10	143
L14-23	J992412	July 15, 2010	553	3	1.57	126	920	9	0.03	<5	15	150	<20	0.3	<10	<10	157	<10	150
L14-24	J992413	July 15, 2010	936	3	1.42	168	1050	11	0.03	7	17	202	<20	0.32	<10	<10	143	<10	170
L14-25	J992414	July 15, 2010	929	3	1.34	140	1550	13	0.06	<5	14	232	<20	0.32	<10	<10	114	<10	169
L14-26	J992415	July 15, 2010	1335	3	1.21	195	1610	10	0.05	8	17	153	<20	0.29	<10	<10	115	<10	225
L14-27	J992416	July 15, 2010	1040	4	1.47	169	1060	13	0.02	6	17	164	<20	0.3	<10	<10	151	<10	219
L14-28	J992417	July 15, 2010	1045	5	1.1	323	1010	22	0.04	7	40	129	<20	0.23	<10	<10	212	<10	398
L14-29	J992418	July 15, 2010	1155	2	1.39	137	1950	9	0.05	<5	16	216	<20	0.31	<10	<10	133	<10	203
L14-30	J992419	July 15, 2010	1025	2	1.21	222	1960	10	0.05	5	22	161	<20	0.25	<10	<10	140	<10	158
L14-31	J992420	July 15, 2010	1000	3	1.38	156	1670	9	0.04	<5	19	162	<20	0.34	<10	<10	142	<10	189
L14-32	J992421	July 15, 2010	794	3	1.3	114	1250	8	0.04	5	13	176	<20	0.33	<10	<10	125	<10	155
L14-33	J992389	July 14, 2010	884	1	1.37	136	1500	12	0.05	<5	16	286	<20	0.34	<10	<10	116	<10	149
L14-34	J992388	July 14, 2010	1135	2	1.27	120	2030	11	0.05	<5	15	207	<20	0.33	<10	<10	121	<10	187
L14-35	J992387	July 14, 2010	1270	2	1.29	186	2130	13	0.06	<5	18	199	<20	0.32	<10	<10	121	<10	194
L14-36	J992386	July 14, 2010	1185	3	1.36	165	2060	14	0.05	<5	17	182	<20	0.34	<10	<10	132	<10	217
L14-37	J992385	July 14, 2010	771	3	1.37	112	1400	12	0.03	<5	14	154	<20	0.31	<10	<10	129	<10	166
L14-38	J992384	July 14, 2010	1215	3	1.33	146	1470	13	0.03	<5	15	146	<20	0.31	<10	<10	134	<10	203
L15-1	J992434	July 15, 2010	637	1	1.68	145	1170	9	0.05	<5	15	198	<20	0.29	<10	<10	131	<10	119
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L15-2	J992433	July 15, 2010	15	0.7	7.18	42	1010	1.1	2	0.38	1.6	25	378	57	4.93	10	1.11	10	3
L15-3	J992432	July 15, 2010	<1	1	8.09	30	940	1.2	<2	0.56	1.4	14	167	53	4.3	20	1.1	20	1.34
L15-4	J992431	July 15, 2010	2	1.2	7.42	43	1120	1.1	<2	0.59	1	17	210	39	4.74	20	1.02	10	1.77
L15-5	J992430	July 15, 2010	19	<0.5	7.82	41	920	1.3	<2	0.6	1	17	152	46	4.53	20	1.13	20	1.29
L15-6	J992429	July 15, 2010	<1	0.9	7.24	37	890	1.2	<2	0.78	1.4	14	167	39	4.67	20	1.06	20	1.33
L15-7	J992428	July 15, 2010	2	1.1	7.9	36	850	1.4	<2	0.76	1.6	16	141	43	4.18	20	1.04	20	1.16
L15-8	J992427	July 15, 2010	4	1.4	7.29	57	910	1.2	<2	1.24	2.7	16	172	59	4.54	20	1.07	20	1.29
L15-9	J992426	July 15, 2010	10	0.6	7.44	35	940	1.2	<2	0.59	1.9	16	147	53	4.32	20	1.1	20	1.3
L15-10	J992425	July 15, 2010	3	1.7	7.7	33	1400	1.4	<2	1.26	1.9	16	151	68	4.59	20	1.41	20	1.56
L15-11	J992424	July 15, 2010	14	1	7.06	19	1260	1.1	<2	1.22	1.7	15	121	55	4.19	10	1.33	20	1.35
L15-12	J992423	July 15, 2010	4	1.8	7.69	34	930	1.4	<2	1.31	2.4	16	121	56	4.36	20	1.06	20	1.03
L15-13	J992422	July 15, 2010	11	0.9	6.37	30	940	1	<2	1.24	1.2	13	81	40	3.95	10	1.14	20	1.14
L16-1	J992459	July 15, 2010	5	<0.5	5.61	36	750	1	<2	0.49	1.8	33	62	113	8.65	10	1.35	20	1.33
L16-2	J992458	July 15, 2010	13	1.2	8.07	60	730	1.2	<2	1.14	1.5	35	106	217	7.06	20	1.52	30	1.65
L16-3	J992457	July 15, 2010	4	<0.5	6.92	54	890	1.1	<2	0.69	0.7	20	186	63	5.18	10	1.14	20	1.61
L16-4	J992456	July 15, 2010	4	0.5	7.98	55	980	1.4	<2	0.87	0.5	24	101	79	5.45	20	1.45	20	1.61
L16-5	J992455	July 15, 2010	4	0.5	8.94	36	570	1.6	<2	0.95	2.5	14	48	56	4.18	10	0.91	30	0.64
L16-6	J992454	July 15, 2010	3	0.6	8.26	54	790	1.4	<2	1.68	1	19	67	50	4.53	20	1.15	20	1.14
L16-7	J992453	July 15, 2010	9	1	8.33	111	860	1.7	<2	1.32	1.3	25	65	58	5.64	20	1.1	20	1.14
L16-8	J992452	July 15, 2010	11	2.4	7.15	300	1160	1.3	<2	1.14	1.9	16	102	70	5.95	20	1.28	10	1.09
L16-9	J992451	July 15, 2010	8	0.7	7.1	736	1270	1.2	<2	2.14	1.7	19	94	70	5.82	20	1.28	20	1.32
L16-10	J992450	July 15, 2010	8	2.4	7.39	65	800	1.3	<2	1.72	4	15	87	87	4.15	20	1.14	20	0.86
L16-11	J992449	July 15, 2010	18	1.1	8.24	26	660	1.4	<2	0.74	1.9	19	90	47	5.34	20	0.91	20	0.4
L16-12	J992448	July 15, 2010	11	3.7	9.38	175	760	1.4	<2	0.67	1	11	85	39	5.24	20	1.33	20	0.35
L16-13	J992447	July 15, 2010	29	2.4	8.38	663	1470	1.3	<2	0.34	1.1	24	293	58	5.66	20	1.79	20	0.6
L16-14	J992446	July 15, 2010	9	0.9	9.48	89	1080	1.6	<2	0.75	0.8	18	118	39	4.28	20	1.54	20	0.49
L16-15	J992445	July 15, 2010	16	1.9	9.38	135	960	1.6	<2	1.37	1.6	25	115	51	5.44	20	1.3	20	0.73
L16-16	J992444	July 15, 2010	11	1.3	7.83	69	1080	1.3	<2	1.36	1.5	23	156	46	5.09	20	1.39	20	1.28
L16-17	J992443	July 15, 2010	7	1.2	7.74	43	1130	1.4	<2	1.13	1.6	21	133	46	4.97	20	1.47	30	1.47
L16-18	J992442	July 15, 2010	4	1.3	7.66	45	820	1.3	<2	1.41	1.7	13	118	39	4.41	20	1.08	20	1.11
L16-19	J992441	July 15, 2010	1	1.1	6.54	44	930	1	<2	2.04	2	14	156	51	3.77	10	1	20	1.44
L16-20	J992440	July 15, 2010	4	1.8	7.83	47	970	1.3	<2	0.9	1	12	145	56	4.96	20	1.24	20	1.11
L16-21	J992439	July 15, 2010	3	0.7	7.18	34	1290	1.5	<2	1.11	1.5	21	152	45	5.11	20	1.65	20	1.22
L16-22	J992438	July 15, 2010	1	2.2	7.78	16	920	1.6	<2	1.7	2.4	15	95	70	3.89	20	1.18	30	0.72
L16-23	J992437	July 15, 2010	228	1.4	6.8	23	1080	1.4	<2	1.85	1.7	15	116	46	4.04	10	1.31	20	0.95
L16-24	J992436	July 15, 2010	<1	2.4	7.78	19	980	1.6	<2	1.29	1.4	14	105	50	3.81	20	1.33	30	0.76
L16-25	J992435	July 15, 2010	<1	1.4	7.66	18	850	1.6	<2	1.61	1.8	14	85	45	3.64	20	1.25	30	0.84
L16-26	J992472	July 16, 2010	3	1.1	7.67	31	950	1.3	<2	1.26	2.1	18	151	55	4.4	20	1.1	20	1.23
L16-27	J992471	July 16, 2010	2	0.6	7.1	24	990	1.5	<2	1.14	1.3	15	92	44	3.94	20	1.53	30	1.03
L16-28	J992470	July 16, 2010	3	1.1	6.71	37	1220	1.2	<2	1.33	2.3	19	154	59	4.26	10	1.21	20	1.34
L16-29	J992469	July 16, 2010	2	1.1	7.85	37	710	1.5	<2	1.1	1.9	15	89	43	3.64	20	1	20	0.82
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L15-2	J992433	July 15, 2010	1060	1	1.57	199	850	10	0.02	<5	16	105	<20	0.26	<10	<10	145	<10	154
L15-3	J992432	July 15, 2010	329	1	1.73	95	760	11	0.02	<5	13	152	<20	0.32	<10	<10	123	<10	116
L15-4	J992431	July 15, 2010	1100	1	1.82	102	1780	13	0.02	<5	14	151	<20	0.31	<10	<10	148	<10	130
L15-5	J992430	July 15, 2010	502	2	1.66	90	920	13	0.03	<5	12	172	<20	0.32	<10	<10	121	<10	148
L15-6	J992429	July 15, 2010	726	3	1.56	94	760	11	0.02	5	13	190	<20	0.36	<10	<10	127	<10	170
L15-7	J992428	July 15, 2010	768	3	1.5	94	940	11	0.03	<5	12	190	<20	0.32	<10	<10	113	<10	160
L15-8	J992427	July 15, 2010	1100	3	1.37	118	1980	9	0.06	<5	14	226	<20	0.33	<10	<10	124	<10	175
L15-9	J992426	July 15, 2010	946	3	1.41	100	1350	10	0.04	7	13	191	<20	0.35	<10	<10	124	<10	182
L15-10	J992425	July 15, 2010	833	3	1.38	184	920	12	0.03	<5	17	264	<20	0.33	<10	<10	162	<10	168
L15-11	J992424	July 15, 2010	892	3	1.48	113	780	9	0.02	8	17	256	<20	0.35	<10	<10	157	<10	125
L15-12	J992423	July 15, 2010	690	2	1.4	94	1050	10	0.04	<5	15	255	<20	0.36	<10	<10	125	<10	156
L15-13	J992422	July 15, 2010	707	2	1.66	60	840	13	0.02	5	15	269	<20	0.35	<10	<10	137	<10	105
L16-1	J992459	July 15, 2010	1960	3	0.81	39	2580	10	0.03	9	28	74	<20	0.28	<10	<10	204	<10	128
L16-2	J992458	July 15, 2010	1990	1	1.58	64	1650	11	0.04	5	37	189	<20	0.33	<10	<10	215	<10	122
L16-3	J992457	July 15, 2010	682	3	1.32	64	1370	12	0.02	<5	13	203	<20	0.32	<10	10	142	<10	116
L16-4	J992456	July 15, 2010	709	2	1.45	51	760	12	0.02	<5	15	223	<20	0.36	<10	<10	159	<10	122
L16-5	J992455	July 15, 2010	429	2	1.37	37	1110	14	0.05	<5	11	222	<20	0.34	<10	<10	75	<10	125
L16-6	J992454	July 15, 2010	732	1	1.41	49	1030	15	0.04	<5	13	334	<20	0.36	<10	<10	119	<10	126
L16-7	J992453	July 15, 2010	911	3	1.2	74	1290	13	0.03	<5	13	384	<20	0.31	<10	<10	123	<10	224
L16-8	J992452	July 15, 2010	952	3	1.15	63	1610	20	0.03	<5	15	293	<20	0.37	<10	<10	193	<10	255
L16-9	J992451	July 15, 2010	880	1	1.23	70	1660	11	0.04	<5	19	514	<20	0.4	<10	<10	194	<10	233
L16-10	J992450	July 15, 2010	1825	1	1.4	152	1810	16	0.07	<5	15	310	<20	0.34	<10	<10	102	<10	169
L16-11	J992449	July 15, 2010	201	2	1.19	63	1130	11	0.05	<5	12	175	<20	0.31	<10	<10	92	<10	120
L16-12	J992448	July 15, 2010	434	2	1.62	39	1840	21	0.05	<5	11	200	<20	0.36	<10	<10	98	<10	106
L16-13	J992447	July 15, 2010	732	2	1.54	143	1140	34	0.02	15	18	200	<20	0.27	<10	<10	193	<10	217
L16-14	J992446	July 15, 2010	439	2	1.84	79	970	15	0.04	<5	13	234	<20	0.37	<10	10	127	<10	171
L16-15	J992445	July 15, 2010	1260	1	1.52	104	1210	18	0.03	5	16	280	<20	0.36	<10	<10	123	<10	232
L16-16	J992444	July 15, 2010	787	2	1.5	159	870	14	0.04	<5	17	272	<20	0.34	<10	<10	143	<10	180
L16-17	J992443	July 15, 2010	591	1	1.49	124	620	14	0.01	5	17	238	<20	0.36	<10	<10	151	<10	222
L16-18	J992442	July 15, 2010	551	2	1.53	70	1140	15	0.04	<5	12	281	<20	0.37	<10	<10	115	<10	147
L16-19	J992441	July 15, 2010	1010	1	1.38	136	1500	12	0.08	<5	14	297	<20	0.29	<10	<10	113	<10	147
L16-20	J992440	July 15, 2010	532	2	1.68	92	1190	15	0.03	<5	14	213	<20	0.4	<10	<10	132	<10	153
L16-21	J992439	July 15, 2010	1070	3	1.32	108	810	18	0.03	<5	16	211	<20	0.33	<10	<10	148	<10	195
L16-22	J992438	July 15, 2010	1285	2	1.36	90	1380	14	0.05	<5	18	285	<20	0.33	<10	<10	97	<10	183
L16-23	J992437	July 15, 2010	1305	2	1.18	106	1630	14	0.07	<5	14	283	<20	0.31	<10	<10	118	<10	302
L16-24	J992436	July 15, 2010	496	2	1.36	80	840	13	0.03	<5	15	236	<20	0.34	<10	<10	106	<10	148
L16-25	J992435	July 15, 2010	1200	1	1.36	91	1310	15	0.04	<5	12	273	<20	0.33	<10	<10	90	<10	163
L16-26	J992472	July 16, 2010	1145	2	1.37	144	1170	10	0.04	<5	15	216	<20	0.33	<10	<10	115	<10	164
L16-27	J992471	July 16, 2010	700	6	1.43	97	950	10	0.02	<5	17	211	<20	0.32	<10	<10	120	<10	126
L16-28	J992470	July 16, 2010	1230	3	1.46	150	1300	13	0.05	<5	18	237	<20	0.29	<10	<10	126	<10	183
L16-29	J992469	July 16, 2010	856	2	1.28	81	1460	13	0.06	<5	12	224	<20	0.34	<10	<10	83	<10	134
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>



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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L16-30	J992468	July 16, 2010	3	0.9	8.12	32	920	1.7	<2	0.85	1.4	16	96	44	4.05	20	1.24	30	0.91
L16-31	J992467	July 16, 2010	1	0.6	7.13	33	920	1.6	<2	0.94	1.3	13	78	44	4	20	1.64	30	0.92
L16-32	J992466	July 16, 2010	2	1.4	7.71	43	760	1.5	<2	1.85	2.2	14	75	52	3.46	20	1.06	20	0.77
L16-33	J992465	July 16, 2010	2	0.8	8.23	33	990	1.6	<2	1.19	1.7	15	101	49	4.06	20	1.25	20	1.04
L16-34	J992464	July 16, 2010	1	0.6	7.84	39	1050	1.3	<2	0.66	0.9	16	135	43	4.54	20	1.19	20	1.06
L16-35	J992463	July 16, 2010	6	1.5	7.47	31	900	1.4	<2	1.84	4.1	16	108	72	3.87	20	1	20	1.04
L16-36	J992462	July 16, 2010	7	1.4	7.75	32	920	1.4	<2	1.32	3.1	16	104	81	4.1	10	1.05	20	1.04
L16-37	J992461	July 16, 2010	5	0.9	6.38	25	1280	1.1	<2	1.14	1.1	14	125	42	4.04	10	1.25	20	1.3
L16-38	J992460	July 16, 2010	2	1.3	7.39	24	690	1.3	<2	2.24	2.3	11	70	54	3.14	10	0.97	20	0.6
L17-1	J992497	July 16, 2010	2	1.2	7.34	51	740	1.2	<2	0.79	1.3	29	195	144	6.09	10	1.09	20	1.88
L17-2	J992496	July 16, 2010	53	<0.5	6.9	48	940	1.2	<2	0.89	0.7	16	81	71	4.55	20	1.31	20	1.31
L17-3	J992495	July 16, 2010	1	<0.5	6.78	40	790	1.1	<2	0.92	0.5	17	74	55	4.11	10	1.22	20	1.39
L17-4	J992494	July 16, 2010	7	0.6	7.07	38	910	1.2	<2	1.02	1.2	14	58	53	4.41	20	1.24	20	0.99
L17-5	J992493	July 16, 2010	11	0.7	7.46	79	880	1.1	<2	0.66	0.6	13	98	48	4.57	20	1.2	20	0.83
L17-6	J992492	July 16, 2010	11	<0.5	7.21	76	1040	1.2	<2	1.22	1.6	22	118	65	4.78	20	1.35	20	1.59
L17-7	J992491	July 16, 2010	5	1	7.81	47	740	1.4	<2	1.38	1.4	15	82	48	3.99	10	1.09	20	0.82
L17-8	J992490	July 16, 2010	15	0.7	7.78	120	950	1.1	<2	1.41	2.3	19	119	47	4.78	20	1.22	20	1.1
L17-9	J992489	July 16, 2010	13	1.4	7.81	132	980	1.3	<2	1.81	2.3	19	106	78	4.68	20	1.22	20	0.97
L17-10	J992488	July 16, 2010	18	0.7	7.6	49	810	1.4	<2	0.77	0.7	14	72	40	4.12	10	1.21	20	0.81
L17-11	J992487	July 16, 2010	11	0.5	8.37	78	1580	1.3	<2	0.28	0.9	19	238	51	5.83	20	1.65	20	0.52
L17-12	J992486	July 16, 2010	14	0.5	7.16	125	910	1.2	<2	1.63	1.4	17	101	59	5.21	10	1.13	20	0.93
L17-13	J992485	July 16, 2010	9	1.2	8.33	172	800	1.6	<2	1.49	1.2	13	76	42	3.62	20	1.21	20	0.75
L17-14	J992484	July 16, 2010	3	<0.5	8.89	19	660	1.6	<2	0.75	0.8	13	58	31	3.48	20	1.13	20	0.57
L17-15	J992483	July 16, 2010	5	2.8	7.75	24	1160	1.4	<2	1.51	4.3	19	158	149	4.41	10	1.34	20	1.34
L17-16	J992482	July 16, 2010	12	0.6	6.27	48	1840	1	<2	0.75	0.8	17	210	53	4.05	10	1.4	20	1.73
L17-17	J992481	July 16, 2010	4	1	8.02	20	1280	1.6	<2	1.22	2.2	17	168	64	4.05	20	1.19	30	1.34
L17-18	J992480	July 16, 2010	18	0.6	6.55	34	2200	1.2	<2	0.59	1.5	18	245	66	4.15	20	1.51	30	1.99
L17-19	J992479	July 16, 2010	1	0.5	7.81	37	1090	1.2	<2	0.9	0.9	16	87	40	4.56	20	1.42	20	1.43
L17-20	J992478	July 16, 2010	6	1.8	8.34	40	900	1.6	<2	1.56	2.5	12	81	67	3.64	20	1.15	20	0.82
L17-21	J992477	July 16, 2010	10	4	7.83	90	920	1.5	<2	2.02	2.7	14	81	59	3.72	20	1.21	20	0.94
L17-22	J992476	July 16, 2010	7	1.7	8.2	42	1040	1.5	<2	1.01	1.5	16	86	65	4.25	20	1.41	20	1.13
L17-23	J992475	July 16, 2010	3	1.8	8.03	50	790	1.4	<2	0.83	1.6	16	72	47	4.49	20	1.08	20	1.02
L17-24	J992474	July 16, 2010	13	1.3	7.68	21	1020	1.5	<2	1.96	3	11	92	61	3.14	20	1.01	20	0.83
L17-25	J992473	July 16, 2010	1	1	6.64	20	1760	1.2	<2	0.43	0.8	13	197	37	3.91	20	1.16	20	1.33
L17-26	J992023	July 16, 2010	<1	1.5	5.76	15	1490	1.1	<2	2.45	5	13	148	81	3.21	10	0.99	20	1.08
L17-27	J992024	July 16, 2010	1	0.7	6.88	24	1330	1.1	<2	1.32	2.6	20	205	68	4.46	10	1.09	20	1.74
L17-28	J992025	July 16, 2010	11	0.9	7.23	25	3020	1.3	<2	0.68	1.3	18	226	65	4.56	10	1.6	20	1.32
L17-29	J992026	July 16, 2010	6	2.1	7.36	34	1410	1.3	<2	0.94	2.5	17	138	70	4.2	10	1.19	20	1.13
L17-30	J992027	July 16, 2010	<1	0.7	6.91	20	1190	1.3	<2	1.39	1.4	15	140	44	3.96	10	0.95	20	0.97
L17-31	J992028	July 16, 2010	3	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
L17-32	J992029	July 16, 2010	1	1.6	6.28	14	1320	1.1	<2	2.07	2.2	12	167	73	3.27	10	0.92	20	1.07
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

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**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L16-30	J992468	July 16, 2010	558	2	1.51	67	680	14	0.02	<5	14	202	<20	0.38	<10	<10	102	<10	175
L16-31	J992467	July 16, 2010	744	2	1.22	84	1150	18	0.02	<5	14	198	<20	0.33	<10	<10	102	<10	172
L16-32	J992466	July 16, 2010	1425	2	1.28	68	2440	17	0.07	<5	12	317	<20	0.33	<10	<10	77	<10	188
L16-33	J992465	July 16, 2010	1100	1	1.59	75	1850	15	0.03	<5	13	251	<20	0.36	<10	<10	106	<10	249
L16-34	J992464	July 16, 2010	448	2	1.66	83	1010	12	0.03	<5	12	184	<20	0.32	<10	10	119	<10	205
L16-35	J992463	July 16, 2010	1720	1	1.36	92	1870	15	0.07	<5	13	320	<20	0.32	<10	<10	97	<10	203
L16-36	J992462	July 16, 2010	1265	1	1.4	101	2000	14	0.06	<5	15	272	<20	0.33	<10	<10	103	<10	187
L16-37	J992461	July 16, 2010	746	2	1.47	68	1010	10	0.03	<5	13	221	<20	0.29	<10	<10	135	<10	128
L16-38	J992460	July 16, 2010	1240	1	1.53	49	1860	15	0.09	<5	10	348	<20	0.32	<10	<10	65	<10	109
L17-1	J992497	July 16, 2010	1355	1	1.18	68	1490	11	0.03	<5	19	186	<20	0.37	<10	<10	147	<10	155
L17-2	J992496	July 16, 2010	906	1	1.56	33	2060	8	0.01	<5	15	210	<20	0.34	<10	<10	124	<10	122
L17-3	J992495	July 16, 2010	642	1	1.5	31	1430	8	0.02	<5	14	206	<20	0.3	<10	<10	124	<10	101
L17-4	J992494	July 16, 2010	846	3	1.55	36	2710	9	0.02	6	12	314	<20	0.36	<10	<10	127	<10	163
L17-5	J992493	July 16, 2010	509	2	1.36	48	1240	7	0.03	<5	13	211	<20	0.32	<10	<10	123	<10	133
L17-6	J992492	July 16, 2010	847	2	1.42	67	570	12	0.02	<5	18	300	<20	0.35	<10	<10	165	<10	135
L17-7	J992491	July 16, 2010	777	2	1.44	51	810	10	0.03	<5	13	270	<20	0.36	<10	<10	110	<10	175
L17-8	J992490	July 16, 2010	870	2	1.32	80	950	14	0.04	<5	18	278	<20	0.34	<10	<10	145	<10	234
L17-9	J992489	July 16, 2010	1615	3	1.2	87	2090	18	0.09	6	20	307	<20	0.33	<10	<10	134	<10	221
L17-10	J992488	July 16, 2010	348	2	1.45	49	600	12	0.03	<5	12	198	<20	0.33	<10	<10	104	<10	136
L17-11	J992487	July 16, 2010	282	2	1.32	147	620	7	0.02	<5	20	250	<20	0.3	<10	<10	204	<10	213
L17-12	J992486	July 16, 2010	701	2	1.18	77	1220	15	0.05	5	19	300	<20	0.34	<10	<10	143	<10	151
L17-13	J992485	July 16, 2010	645	2	1.71	66	930	13	0.04	<5	14	288	<20	0.35	<10	<10	85	<10	102
L17-14	J992484	July 16, 2010	410	1	1.76	31	790	11	0.04	<5	10	192	<20	0.34	<10	<10	75	<10	102
L17-15	J992483	July 16, 2010	1605	1	1.27	246	1240	11	0.05	<5	26	252	<20	0.33	<10	<10	126	<10	194
L17-16	J992482	July 16, 2010	653	3	1.48	122	1300	9	0.01	5	17	181	<20	0.29	<10	<10	163	<10	131
L17-17	J992481	July 16, 2010	1390	2	1.44	143	1280	12	0.03	<5	18	235	<20	0.34	<10	<10	118	<10	139
L17-18	J992480	July 16, 2010	643	2	1.34	139	1170	6	0.01	<5	20	148	<20	0.3	<10	<10	173	<10	145
L17-19	J992479	July 16, 2010	604	1	1.73	45	810	7	0.01	<5	16	241	<20	0.39	<10	<10	165	<10	158
L17-20	J992478	July 16, 2010	1055	1	1.67	79	1010	12	0.03	<5	15	309	<20	0.38	<10	<10	89	<10	142
L17-21	J992477	July 16, 2010	1365	1	1.62	83	1570	15	0.07	5	14	371	<20	0.36	<10	<10	93	<10	159
L17-22	J992476	July 16, 2010	968	2	1.5	60	1400	11	0.03	<5	15	227	<20	0.33	<10	<10	127	<10	153
L17-23	J992475	July 16, 2010	1275	2	1.85	52	1640	15	0.03	<5	12	190	<20	0.33	<10	<10	116	<10	179
L17-24	J992474	July 16, 2010	1830	1	1.39	73	2150	12	0.09	<5	12	320	<20	0.33	<10	<10	77	<10	191
L17-25	J992473	July 16, 2010	435	2	1.38	87	980	9	0.02	<5	12	125	<20	0.32	<10	<10	119	<10	135
L17-26	J992023	July 16, 2010	3130	1	1.18	134	2300	12	0.11	<5	13	337	<20	0.25	<10	10	92	<10	245
L17-27	J992024	July 16, 2010	1855	1	1.44	158	1680	12	0.07	<5	17	237	<20	0.27	<10	10	133	<10	204
L17-28	J992025	July 16, 2010	927	2	1.64	124	1280	12	0.04	<5	16	154	<20	0.23	<10	10	165	<10	149
L17-29	J992026	July 16, 2010	1155	1	1.63	110	1220	15	0.03	<5	16	205	<20	0.25	<10	10	114	<10	167
L17-30	J992027	July 16, 2010	458	2	1.36	77	1000	17	0.05	<5	12	236	<20	0.31	<10	10	109	<10	148
L17-31	J992028	July 16, 2010	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
L17-32	J992029	July 16, 2010	1235	2	1.3	124	2200	12	0.12	<5	16	287	<20	0.26	<10	10	93	<10	167
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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**Donna Gold Project**  
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Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L17-33	J992030	July 16, 2010	<1	1.2	7	14	1490	1.3	<2	1.59	2.3	11	166	87	3.37	10	1.11	20	1.19
L17-34	J992031	July 16, 2010	4	1.1	7.43	18	1020	1.4	<2	2.08	2.2	12	101	48	3.26	10	1	20	0.77
L17-35	J992032	July 16, 2010	<1	1.4	7.6	13	1010	1.5	<2	2.29	3.3	11	93	70	3.17	10	1.12	20	0.78
L17-36	J992033	July 16, 2010	1	1.2	7.42	21	1370	1.3	<2	1.74	2.1	20	155	44	4.51	10	1.27	20	1.24
L17-37	J992034	July 16, 2010	8	0.9	6.86	37	1400	1.1	<2	0.94	1.2	17	148	48	4.19	10	1.4	20	1.45
L17-38	J992035	July 16, 2010	1	1.6	7.2	26	960	1.2	<2	1.91	2.5	14	96	58	3.35	10	0.98	20	0.82
L18-1	J992498	July 16, 2010	5	1.1	7.91	96	750	1.5	<2	1.02	0.8	14	69	37	3.84	20	1.22	20	0.86
L18-2	J992499	July 16, 2010	6	0.5	7.28	67	930	1.2	<2	1.08	0.7	21	72	109	4.61	20	1.36	30	1.36
L18-3	J992000	July 16, 2010	11	<0.5	7.79	77	690	1.2	2	1.22	1	18	62	95	4.29	10	1.14	20	1.07
L18-4	J992001	July 16, 2010	6	0.5	7.23	130	780	1.3	<2	1.59	1	21	85	120	4.54	10	1.24	20	1.29
L18-5	J992002	July 16, 2010	7	<0.5	7.87	46	740	1.3	<2	0.76	0.8	22	90	56	5.05	20	1.22	20	1.15
L18-6	J992003	July 16, 2010	<1	0.8	7.71	31	900	1.3	2	0.82	1.3	13	75	35	4.5	20	1.24	20	0.91
L18-7	J992004	July 16, 2010	4	2	8.27	40	920	1.5	<2	1.14	1.8	16	95	60	4.67	20	1.26	30	1.07
L18-8	J992005	July 16, 2010	<1	0.5	7.81	27	860	1.4	<2	0.88	0.7	13	73	28	4.07	20	1.23	20	0.91
L18-9	J992006	July 16, 2010	1	0.5	8.26	38	930	1.4	<2	0.75	0.8	16	91	50	4.64	20	1.23	20	1
L18-10	J992007	July 16, 2010	9	0.6	7.37	29	1200	1.3	<2	0.96	0.9	18	106	54	4.53	10	1.66	30	1.34
L18-11	J992008	July 16, 2010	43	0.8	7.81	51	1080	1.3	<2	1.58	1.7	17	112	68	4.64	10	1.46	20	0.93
L18-12	J992009	July 16, 2010	10	1.2	8.6	38	930	1.5	<2	1.23	2	18	97	64	4.63	20	1.29	30	0.85
L18-13	J992010	July 16, 2010	10	0.8	8.3	43	730	1.6	<2	0.77	1.1	17	86	55	3.84	20	1.15	20	0.71
L18-14	J992011	July 16, 2010	41	1	7.5	31	1210	1.2	<2	1.37	1.7	18	140	71	4.67	10	1.32	20	1.61
L18-15	J992012	July 16, 2010	<1	1.4	8.21	20	830	1.6	<2	1.79	1.7	12	71	50	3.88	10	1.2	20	0.9
L18-16	J992013	July 16, 2010	11	2.6	8.22	32	980	1.5	<2	1.83	3.5	16	110	85	4.34	20	1.16	20	1.05
L18-17	J992014	July 16, 2010	1	<0.5	7.84	34	1290	1.5	<2	0.89	0.9	15	109	47	4.42	20	1.7	20	1.44
L18-18	J992015	July 16, 2010	6	2	7.18	30	1260	1.2	<2	0.67	0.8	11	121	33	3.83	10	1.38	20	1.28
L18-19	J992016	July 16, 2010	5	1.7	7.83	27	1030	1.5	<2	2	2.4	13	96	59	3.4	10	1.08	20	0.76
L18-20	J992017	July 16, 2010	1	0.5	7.57	33	1450	1.4	<2	1.27	1.8	15	144	53	4.41	10	1.03	20	1.04
L18-21	J992018	July 16, 2010	5	0.9	7.17	22	1440	1.3	<2	0.78	1.1	18	264	41	4.11	10	1.01	20	1.66
L18-22	J992019	July 16, 2010	12	1.1	7.96	13	1110	1.5	<2	1.78	1.9	10	80	48	2.99	10	1.05	20	0.75
L18-23	J992020	July 16, 2010	1	2.1	8.43	10	1050	1.6	2	1.41	4.3	11	84	55	3.41	20	1.08	20	0.6
L18-24	J992021	July 16, 2010	13	0.9	7.45	22	1280	1.3	<2	0.59	0.9	15	118	46	4.2	10	1.13	20	1.06
L18-25	J992022	July 16, 2010	4	1.3	6.57	13	1420	1.1	<2	0.46	0.8	15	137	53	4.32	10	0.99	20	1.19
L18-26	H540712	July 17, 2010	11	0.5	7.42	21	2090	1.4	<2	0.28	0.8	22	311	82	5.75	20	1.55	20	0.83
L18-27	H540713	July 17, 2010	5	1.4	7.93	18	1190	1.4	<2	1.33	1.5	14	114	49	3.75	20	1.03	20	0.9
L18-28	H540714	July 17, 2010	7	1.3	7.15	27	1560	1.2	<2	1.14	1.2	17	175	49	4.87	20	1.22	20	1.32
L18-29	H540715	July 17, 2010	5	1.6	7.19	16	1930	1.2	<2	0.9	1.1	14	189	41	4.35	20	1.13	20	1.25
L18-30	H540716	July 17, 2010	9	2.5	7.4	15	1370	1.4	<2	1.93	2.9	15	119	100	3.76	10	1.13	20	1.04
L18-31	H540717	July 17, 2010	9	1.2	6.44	18	2490	1.2	<2	0.67	1.1	16	192	61	4.33	20	1.54	20	1.54
L18-32	H540718	July 17, 2010	8	0.6	6.3	17	1660	1.1	2	0.54	1.1	17	160	45	4.44	10	1.02	20	1.1
L18-33	H540719	July 17, 2010	5	1.2	8.62	10	990	1.7	<2	1.65	2	14	82	53	3.7	20	1.06	20	0.79
L18-34	H540720	July 17, 2010	4	1	7.96	16	960	1.4	<2	0.73	<0.5	8	83	31	3.28	20	1.11	10	0.62
L18-35	H540721	July 17, 2010	14	1.1	6.27	42	1760	1.1	<2	0.59	0.9	17	168	56	4.72	10	1.1	20	1.3
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

**Table 1**  
**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L17-33	J992030	July 16, 2010	1125	1	1.56	147	1470	13	0.07	<5	18	274	<20	0.28	<10	10	99	<10	167
L17-34	J992031	July 16, 2010	1210	1	1.58	75	1640	15	0.09	<5	11	346	<20	0.3	<10	10	75	<10	129
L17-35	J992032	July 16, 2010	1525	1	1.82	90	1680	15	0.07	<5	13	392	<20	0.32	<10	10	67	<10	163
L17-36	J992033	July 16, 2010	1635	2	1.66	124	1310	18	0.05	<5	15	329	<20	0.32	<10	10	116	<10	254
L17-37	J992034	July 16, 2010	671	<1	1.59	105	680	7	0.02	<5	17	234	<20	0.3	<10	<10	141	<10	145
L17-38	J992035	July 16, 2010	1140	<1	1.37	71	1980	12	0.09	<5	12	314	<20	0.29	<10	<10	84	<10	181
L18-1	J992498	July 16, 2010	765	2	1.59	32	1200	10	0.03	<5	12	235	<20	0.37	<10	<10	92	<10	155
L18-2	J992499	July 16, 2010	1035	2	1.51	38	980	10	0.02	<5	18	219	<20	0.35	<10	<10	129	<10	91
L18-3	J992000	July 16, 2010	1445	1	1.46	25	1470	15	0.05	<5	14	238	<20	0.32	<10	<10	106	<10	127
L18-4	J992001	July 16, 2010	1675	1	1.46	35	1910	14	0.06	<5	17	261	<20	0.31	<10	10	125	<10	115
L18-5	J992002	July 16, 2010	895	2	1.5	31	830	18	0.03	<5	13	218	<20	0.33	<10	10	133	<10	91
L18-6	J992003	July 16, 2010	515	2	1.55	33	1120	14	0.02	<5	12	217	<20	0.35	<10	10	121	<10	168
L18-7	J992004	July 16, 2010	744	2	1.49	55	920	18	0.03	<5	16	262	<20	0.33	<10	10	136	<10	162
L18-8	J992005	July 16, 2010	388	2	1.63	31	660	13	0.02	<5	12	245	<20	0.34	<10	10	123	<10	177
L18-9	J992006	July 16, 2010	515	2	1.73	48	880	16	0.03	<5	14	225	<20	0.32	<10	10	130	<10	172
L18-10	J992007	July 16, 2010	824	2	1.6	68	1010	15	0.01	<5	18	235	<20	0.28	<10	10	156	<10	128
L18-11	J992008	July 16, 2010	1220	1	1.66	96	1430	14	0.06	<5	18	331	<20	0.27	<10	10	133	<10	166
L18-12	J992009	July 16, 2010	788	2	1.52	81	700	17	0.03	<5	18	274	<20	0.3	<10	10	127	<10	170
L18-13	J992010	July 16, 2010	456	2	1.65	73	920	18	0.04	<5	11	201	<20	0.34	<10	10	84	<10	129
L18-14	J992011	July 16, 2010	1260	2	1.55	95	1630	14	0.05	<5	20	270	<20	0.29	<10	10	150	<10	164
L18-15	J992012	July 16, 2010	808	1	1.62	59	1290	19	0.06	<5	12	308	<20	0.36	<10	10	96	<10	152
L18-16	J992013	July 16, 2010	1065	2	1.43	94	1300	20	0.06	<5	14	326	<20	0.35	<10	10	110	<10	223
L18-17	J992014	July 16, 2010	599	2	1.66	74	1100	15	0.01	<5	16	235	<20	0.3	<10	10	152	<10	161
L18-18	J992015	July 16, 2010	575	2	1.48	53	770	14	0.02	<5	13	198	<20	0.31	<10	10	137	<10	126
L18-19	J992016	July 16, 2010	1025	1	1.65	71	1610	15	0.07	<5	12	345	<20	0.31	<10	10	77	<10	159
L18-20	J992017	July 16, 2010	1205	2	1.58	107	1710	19	0.05	<5	13	262	<20	0.29	<10	10	112	<10	155
L18-21	J992018	July 16, 2010	1310	1	1.44	106	1660	14	0.05	<5	12	160	<20	0.26	<10	10	103	<10	166
L18-22	J992019	July 16, 2010	1310	1	1.76	68	1840	17	0.08	<5	10	322	<20	0.31	<10	10	65	<10	138
L18-23	J992020	July 16, 2010	804	1	1.72	81	1640	14	0.06	<5	12	279	<20	0.29	<10	10	82	<10	129
L18-24	J992021	July 16, 2010	538	2	1.75	87	1290	14	0.03	<5	11	174	<20	0.29	<10	20	113	<10	190
L18-25	J992022	July 16, 2010	546	2	1.82	83	2200	15	0.03	<5	11	149	<20	0.24	<10	10	118	<10	175
L18-26	H540712	July 17, 2010	747	3	1.65	206	1190	11	0.02	6	15	104	<20	0.29	<10	<10	166	<10	227
L18-27	H540713	July 17, 2010	864	1	1.43	92	1320	14	0.05	<5	12	240	<20	0.32	<10	<10	98	<10	123
L18-28	H540714	July 17, 2010	1480	2	1.59	105	2150	13	0.03	<5	13	217	<20	0.33	<10	<10	140	<10	231
L18-29	H540715	July 17, 2010	881	2	1.57	90	1120	12	0.03	<5	12	189	<20	0.33	<10	<10	122	<10	142
L18-30	H540716	July 17, 2010	1575	2	1.57	145	1910	19	0.08	<5	15	308	<20	0.32	<10	<10	90	<10	165
L18-31	H540717	July 17, 2010	1030	2	1.65	122	1560	10	0.02	<5	17	149	<20	0.32	<10	<10	160	<10	153
L18-32	H540718	July 17, 2010	866	3	1.48	96	1230	13	0.03	5	11	128	<20	0.29	<10	<10	122	<10	144
L18-33	H540719	July 17, 2010	1680	1	1.55	80	2120	16	0.05	<5	13	285	<20	0.37	<10	<10	79	<10	207
L18-34	H540720	July 17, 2010	425	2	1.75	35	1300	13	0.04	<5	8	181	<20	0.34	<10	10	75	<10	107
L18-35	H540721	July 17, 2010	859	2	1.58	113	1240	12	0.02	<5	13	157	<20	0.3	<10	<10	127	<10	186
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

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**Soil Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
L18-36	H540722	July 17, 2010	9	1.4	6.62	16	1560	1.2	<2	0.95	1.3	15	151	49	3.86	10	1.19	20	1.22
L18-37	H540723	July 17, 2010	3	0.6	7.9	19	1070	1.5	<2	1.01	1.1	15	104	38	4.05	20	1.1	20	0.96
L18-38	H540724	July 17, 2010	8	1.2	5.86	19	1290	1.1	<2	2.26	2.3	13	126	55	3.37	10	1.04	20	1.03
L19-1	H540711	July 17, 2010	8	<0.5	7.68	111	760	1.3	<2	0.98	0.6	13	66	30	4.32	20	1.08	20	0.82
L19-2	H540710	July 17, 2010	6	1	7.05	48	590	1.3	<2	2.31	2.1	10	53	43	3.24	20	0.92	20	0.61
L19-3	H540709	July 17, 2010	5	2.1	8.74	34	510	1.6	2	2.02	1.7	9	37	42	2.96	20	1.05	20	0.51
L19-4	H540708	July 17, 2010	<1	1.7	6.72	34	520	1.3	<2	2.88	3.7	9	53	74	2.56	10	0.83	20	0.52
L19-5	H540707	July 17, 2010	3	0.8	6.92	57	720	1.2	<2	1.48	1.2	12	66	70	3.6	20	1.09	20	0.98
L19-6	H540706	July 17, 2010	<1	0.6	7.35	23	680	1.2	<2	0.92	0.8	11	65	36	4.68	20	1.12	10	0.93
L19-7	H540705	July 17, 2010	19	1	7.07	63	960	1.1	<2	1.26	0.5	18	183	96	5.56	20	1.36	20	2.1
L19-8	H540704	July 17, 2010	30	0.7	7.31	76	730	1.3	<2	1.2	1.1	29	163	99	6.18	20	1.03	20	1.64
L19-9	H540703	July 17, 2010	<1	1.5	7.03	18	510	1.4	<2	2.77	3.3	9	51	68	2.82	20	0.82	20	0.54
L19-10	H540702	July 17, 2010	<1	1	8.08	12	580	1.5	<2	2.2	1	8	23	30	2.62	20	1.2	20	0.48
L19-11	H540701	July 17, 2010	8	0.8	7.28	57	1080	1.3	<2	1.58	1.6	19	109	53	4.58	20	1.45	20	1.03
L19-12	J992049	July 17, 2010	<1	1.3	4.85	22	380	1.1	<2	4.42	3.1	7	34	76	1.5	10	0.46	10	0.33
L19-13	J992048	July 17, 2010	42	0.9	6.86	73	1170	0.8	<2	0.35	1.5	17	197	46	4.51	10	1.22	20	1.62
L19-14	J992047	July 17, 2010	1	3.1	7.7	30	1040	1.4	<2	1.72	2.1	16	117	69	4.16	10	1.21	20	1.15
L19-15	J992046	July 17, 2010	<1	2.3	7.96	34	1060	1.4	<2	0.96	1.4	17	100	49	4.6	20	1.51	20	1.27
L19-16	J992045	July 17, 2010	2	1.8	7.65	29	990	1.3	<2	0.72	1.4	20	109	59	4.84	20	1.22	20	1.14
L19-17	J992044	July 17, 2010	<1	0.6	7.58	22	1210	1.2	<2	0.58	0.6	16	121	42	4.21	20	1.47	20	1.44
L19-18	J992043	July 17, 2010	<1	1.2	7.51	15	1040	1.3	<2	0.72	0.8	14	98	30	3.86	20	1.42	20	1.16
L19-19	J992042	July 17, 2010	1	2	7.88	23	1050	1.3	<2	1.72	1.8	17	128	48	4.16	10	1.04	20	0.83
L19-20	J992041	July 17, 2010	<1	1	7.57	20	1370	1.3	3	1.14	1.4	17	209	41	4.61	10	1.16	20	0.69
L19-21	J992040	July 17, 2010	26	1.4	6.95	20	1310	1.2	<2	0.84	1.8	18	176	47	4.37	10	1.06	20	0.89
L19-22	J992039	July 17, 2010	1	1.2	7.76	11	1200	1.4	<2	0.92	1.2	15	150	48	3.84	20	1.04	20	0.71
L19-23	J992038	July 17, 2010	2	0.8	7.31	13	2030	1.3	2	0.81	1.2	17	202	45	4.02	20	1.43	20	0.82
L19-24	J992037	July 17, 2010	5	2.1	7.4	35	1480	1.3	<2	0.66	1.3	17	150	45	4.35	20	1.27	20	1.07
L19-25	J992036	July 17, 2010	1	2.2	8	8	910	1.4	<2	1.9	1.5	11	69	29	2.88	20	1.05	20	0.57
L19-26	H540737	July 17, 2010	8	1.8	7.62	18	1310	1.4	<2	1.47	1.4	15	135	43	4.23	10	1.06	20	0.9
L19-27	H540736	July 17, 2010	17	0.6	6.12	35	1870	1.1	<2	0.45	1.7	22	247	79	6.15	10	1.23	30	1.51
L19-28	H540735	July 17, 2010	5	1.4	9.27	12	680	1.8	<2	1.3	0.8	10	46	31	3.08	20	1.11	20	0.53
L19-29	H540734	July 17, 2010	4	1.5	7.82	11	1180	1.4	<2	0.66	0.7	12	124	41	3.92	20	1.2	20	0.95
L19-30	H540733	July 17, 2010	4	2.7	8.58	15	860	1.6	<2	0.8	0.6	12	77	33	4.02	20	1.19	20	0.62
L19-31	H540732	July 17, 2010	29	0.7	7.08	19	1400	1.3	<2	0.49	0.8	18	166	49	4.7	10	1.25	20	1.27
L19-32	H540731	July 17, 2010	4	1.1	8.11	18	1070	1.5	<2	0.86	1.1	12	117	37	3.93	20	1.15	20	1.02
L19-33	H540730	July 17, 2010	8	1.3	7.9	17	1090	1.5	<2	0.67	1.6	13	115	44	4	20	1.18	20	0.84
L19-34	H540729	July 17, 2010	6	1.3	7.63	17	1000	1.4	<2	1.47	2.5	15	136	61	4	10	1.07	20	1.28
L19-35	H540728	July 17, 2010	9	0.9	7.18	20	1190	1.3	<2	0.61	1.2	16	146	48	5.04	10	1.12	20	1.09
L19-36	H540727	July 17, 2010	6	0.6	7.76	17	930	1.4	<2	1.26	1.5	17	136	42	4.52	20	0.93	20	1.1
L19-37	H540726	July 17, 2010	NSS	<0.5	1.68	6	410	<0.5	<2	5.22	2	3	25	31	0.84	10	0.27	<10	0.26
L19-38	H540725	July 17, 2010	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
Units			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%

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**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
L18-36	H540722	July 17, 2010	1020	2	1.52	99	1130	14	0.02	<5	13	195	<20	0.32	<10	<10	119	<10	149
L18-37	H540723	July 17, 2010	364	2	1.56	62	790	13	0.02	<5	11	225	<20	0.35	<10	<10	108	<10	168
L18-38	H540724	July 17, 2010	1420	2	1.22	93	2050	11	0.1	<5	13	314	<20	0.29	<10	<10	104	<10	145
L19-1	H540711	July 17, 2010	463	2	1.47	30	1160	14	0.02	<5	11	244	<20	0.36	<10	<10	109	<10	168
L19-2	H540710	July 17, 2010	1025	1	1.37	25	1070	15	0.07	<5	9	333	<20	0.34	<10	<10	77	<10	184
L19-3	H540709	July 17, 2010	573	1	1.78	25	1080	15	0.05	<5	10	326	<20	0.36	<10	<10	48	<10	84
L19-4	H540708	July 17, 2010	1950	2	1.26	30	2470	12	0.14	<5	10	375	<20	0.29	<10	<10	53	<10	95
L19-5	H540707	July 17, 2010	1195	1	1.55	33	1030	11	0.05	<5	13	263	<20	0.31	<10	<10	103	<10	90
L19-6	H540706	July 17, 2010	375	2	1.67	25	550	12	0.03	5	11	227	<20	0.35	<10	10	115	<10	104
L19-7	H540705	July 17, 2010	504	2	1.44	80	1710	10	0.04	<5	25	271	<20	0.3	<10	<10	175	<10	154
L19-8	H540704	July 17, 2010	669	3	1.14	78	1210	12	0.05	<5	18	210	<20	0.3	<10	<10	139	<10	124
L19-9	H540703	July 17, 2010	1485	1	1.27	36	1890	14	0.11	<5	9	359	<20	0.31	<10	<10	57	<10	127
L19-10	H540702	July 17, 2010	751	1	2.08	20	1330	12	0.06	<5	9	360	<20	0.34	<10	<10	41	<10	87
L19-11	H540701	July 17, 2010	968	2	1.3	79	1330	12	0.04	6	18	275	<20	0.32	<10	<10	136	<10	139
L19-12	J992049	July 17, 2010	1740	<1	0.74	46	3600	7	0.23	<5	8	463	<20	0.15	<10	<10	29	<10	83
L19-13	J992048	July 17, 2010	439	<1	1.55	127	570	4	0.03	5	17	151	<20	0.25	<10	<10	158	<10	155
L19-14	J992047	July 17, 2010	1160	1	1.26	79	2160	11	0.08	5	17	297	<20	0.31	<10	<10	120	<10	171
L19-15	J992046	July 17, 2010	703	<1	1.29	64	870	8	0.02	<5	15	219	<20	0.34	<10	<10	147	<10	173
L19-16	J992045	July 17, 2010	673	1	1.43	82	1100	12	0.03	<5	14	189	<20	0.3	<10	<10	129	<10	163
L19-17	J992044	July 17, 2010	403	<1	1.49	68	740	5	0.01	<5	14	175	<20	0.28	<10	<10	152	<10	150
L19-18	J992043	July 17, 2010	432	<1	1.62	49	700	6	0.01	<5	13	200	<20	0.32	<10	<10	134	<10	145
L19-19	J992042	July 17, 2010	930	<1	1.59	110	1220	9	0.06	<5	15	303	<20	0.29	<10	<10	100	<10	146
L19-20	J992041	July 17, 2010	1140	1	1.49	93	1080	10	0.03	6	12	231	<20	0.32	<10	<10	113	<10	151
L19-21	J992040	July 17, 2010	1110	<1	1.52	130	1270	15	0.03	<5	14	186	<20	0.26	<10	<10	108	<10	172
L19-22	J992039	July 17, 2010	1265	<1	1.47	105	1700	9	0.05	<5	14	195	<20	0.3	<10	<10	93	<10	181
L19-23	J992038	July 17, 2010	471	<1	1.18	128	840	8	0.04	<5	15	171	<20	0.26	<10	<10	137	<10	190
L19-24	J992037	July 17, 2010	867	<1	1.7	96	1340	10	0.02	5	12	181	<20	0.29	<10	<10	112	<10	192
L19-25	J992036	July 17, 2010	1165	<1	1.6	53	1460	9	0.07	<5	10	335	<20	0.31	<10	<10	63	<10	149
L19-26	H540737	July 17, 2010	935	1	1.45	102	1450	13	0.05	<5	13	262	<20	0.32	<10	<10	101	<10	155
L19-27	H540736	July 17, 2010	1135	2	1.57	147	1680	17	0.01	5	18	117	<20	0.23	<10	<10	132	<10	135
L19-28	H540735	July 17, 2010	803	1	1.83	42	1280	15	0.03	<5	9	255	<20	0.35	<10	<10	57	<10	103
L19-29	H540734	July 17, 2010	805	2	1.66	68	1800	12	0.02	<5	10	174	<20	0.34	<10	<10	105	<10	143
L19-30	H540733	July 17, 2010	525	3	1.83	36	2900	11	0.03	<5	9	196	<20	0.36	<10	<10	89	<10	116
L19-31	H540732	July 17, 2010	454	2	1.54	110	1030	11	0.02	<5	12	141	<20	0.31	<10	<10	133	<10	195
L19-32	H540731	July 17, 2010	441	2	1.47	83	1090	14	0.02	<5	11	198	<20	0.35	<10	<10	112	<10	204
L19-33	H540730	July 17, 2010	631	2	1.73	80	800	12	0.04	<5	13	180	<20	0.35	<10	<10	107	<10	120
L19-34	H540729	July 17, 2010	1220	2	1.56	118	1470	11	0.06	<5	14	248	<20	0.34	<10	<10	108	<10	171
L19-35	H540728	July 17, 2010	323	3	1.43	98	650	13	0.03	<5	11	157	<20	0.31	<10	10	123	<10	127
L19-36	H540727	July 17, 2010	353	3	1.27	95	840	13	0.04	<5	11	217	<20	0.31	<10	<10	117	<10	130
L19-37	H540726	July 17, 2010	455	1	0.32	22	820	3	0.12	<5	3	527	<20	0.08	<10	<10	25	<10	57
L19-38	H540725	July 17, 2010	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

## **TABLE 2**

### **Stream Sediment Geochemical Results**

**Table 2**  
**Stream Sediment Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
DSS-10-1	H540749	July 17, 2010	14	<0.5	6.98	45	1020	1	<2	1.08	1.3	20	132	60	4.46	20	1.41	20	1.67
DSS-10-2	H540750	July 17, 2010	3	0.8	7.06	62	1210	0.9	<2	0.99	1.5	17	177	47	4.42	20	1.37	10	1.59
DSS-09-01	H540759	Sept. 17, 2009	14	0.6	6.5	68	920	1	<2	2.12	0.9	15	106	45	4.24	10	1.28	20	1.66
DSS-09-02	H540760	Sept. 17, 2009	8	0.8	6.83	24	720	0.9	<2	1.59	0.7	15	119	48	4.17	10	1.11	20	1.85
DSS-09-03	H540761	Sept. 17, 2009	24	0.9	6.37	124	1040	0.9	<2	2.25	1.4	15	111	59	4.17	10	1.29	20	1.76
DSS-09-04	H540762	Sept. 17, 2009	23	1.1	6.25	88	1100	0.9	<2	2.96	2.3	14	78	65	4.77	10	1.15	20	1.85
DSS-09-05	H540763	Sept. 17, 2009	9	1.1	6.46	379	1140	1	<2	3.12	2	15	87	65	4.9	10	1.31	20	1.85
DSS-09-06	H540764	Sept. 17, 2009	37	1	5.3	983	840	1	<2	4.5	1.5	15	66	66	5.57	10	1.14	20	1.96
DSS-09-07	H540765	Sept. 17, 2009	18	0.8	5.69	1360	770	1	<2	3.32	1	15	64	87	5.2	10	1.26	20	1.74
DSS-09-08	H540766	Sept. 17, 2009	14	1	6.32	1470	870	1.2	<2	3.59	1.2	17	70	99	5.75	10	1.42	20	1.94
DSS-09-09	H540768	Sept. 18, 2009	17	<0.5	5.72	333	900	0.9	<2	2.04	1.7	10	86	50	3.29	10	1.05	20	1.08
DSS-09-10	H540769	Sept. 18, 2009	15	0.7	6.25	222	990	0.9	<2	1.93	2.5	13	86	52	3.81	10	1.17	20	1.29
DSS-09-11	H540770	Sept. 18, 2009	45	0.9	6.49	67	1070	1	<2	1.46	2	20	166	69	4.87	10	1.29	20	1.41
DSS-09-12	H540771	Sept. 18, 2009	75	2.1	6.76	232	1210	0.9	<2	1.32	2.3	21	184	77	5.83	10	1.43	20	1.33
DSS-09-13	H540772	Sept. 18, 2009	27	1.2	6.27	139	1100	0.9	<2	1.57	2.2	19	168	69	5.1	10	1.3	20	1.28
DSS-09-14	H540774	Sept. 18, 2009	11	0.8	6.59	17	730	1	<2	2.36	1.3	15	56	65	4.11	10	1.12	20	1.31
DSS-09-15	H540775	Sept. 18, 2009	15	0.8	7.16	47	960	1.1	<2	1.76	4.3	19	72	87	4.92	20	1.56	20	1.61
DSS-09-16	H540777	Sept. 18, 2009	21	0.6	7.28	35	990	1.1	<2	2.05	1.6	14	71	50	4.68	20	1.44	20	1.54
DSS-09-17	H540778	Sept. 18, 2009	7	0.8	6.46	36	940	1	<2	1.52	1.3	14	116	51	4.03	10	1.23	20	1.45
DSS-09-18	H540779	Sept. 18, 2009	15	1	7.37	27	980	1.1	<2	1.95	2.2	16	70	67	4.82	20	1.5	20	1.58
DSS-09-19	H540780	Sept. 18, 2009	8	1.1	6.19	58	1100	1	<2	1.75	1.6	13	99	41	3.61	10	1.21	20	1.26
<b>Units</b>			<b>ppb</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>



**Table 2**  
**Stream Sediment Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample			Parameter																
Location	Tag Number	Date	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DSS-10-1	H540749	July 17, 2010	857	<1	1.63	66	1130	8	0.03	8	18	267	<20	0.27	<10	<10	157	<10	159
DSS-10-2	H540750	July 17, 2010	674	<1	1.63	118	990	6	0.03	7	17	203	<20	0.24	<10	<10	156	<10	181
DSS-09-01	H540759	Sept. 17, 2009	795	1	1.76	46	1010	10	0.03	<5	16	448	<20	0.38	<10	<10	152	<10	114
DSS-09-02	H540760	Sept. 17, 2009	983	1	1.93	46	800	9	0.04	<5	16	290	<20	0.32	<10	<10	136	<10	101
DSS-09-03	H540761	Sept. 17, 2009	842	2	1.59	57	1070	10	0.03	<5	16	490	<20	0.33	<10	<10	150	<10	134
DSS-09-04	H540762	Sept. 17, 2009	1045	2	1.31	59	1350	11	0.06	<5	18	658	<20	0.34	<10	<10	164	<10	217
DSS-09-05	H540763	Sept. 17, 2009	1130	2	1.35	67	1710	13	0.06	6	20	590	<20	0.38	<10	<10	183	<10	215
DSS-09-06	H540764	Sept. 17, 2009	1225	2	0.98	49	2530	8	0.06	<5	25	500	<20	0.41	<10	<10	215	10	183
DSS-09-07	H540765	Sept. 17, 2009	1500	3	1.02	32	3030	13	0.09	<5	22	419	<20	0.42	<10	<10	190	<10	168
DSS-09-08	H540766	Sept. 17, 2009	1690	3	1.12	36	3020	21	0.1	7	25	462	<20	0.45	<10	<10	208	<10	186
DSS-09-09	H540768	Sept. 18, 2009	1150	3	1.53	79	1270	10	0.07	6	13	305	<20	0.31	<10	<10	122	<10	130
DSS-09-10	H540769	Sept. 18, 2009	940	3	1.58	76	1290	12	0.05	5	15	309	<20	0.34	<10	<10	142	<10	154
DSS-09-11	H540770	Sept. 18, 2009	994	2	1.39	145	1240	36	0.06	5	19	272	<20	0.28	<10	<10	142	<10	184
DSS-09-12	H540771	Sept. 18, 2009	785	2	1.37	150	1110	16	0.09	8	18	204	<20	0.25	<10	<10	172	<10	229
DSS-09-13	H540772	Sept. 18, 2009	754	2	1.36	142	1070	20	0.06	7	17	250	<20	0.25	<10	<10	147	<10	203
DSS-09-14	H540774	Sept. 18, 2009	1065	1	1.48	26	1320	12	0.05	<5	17	360	<20	0.36	<10	<10	145	<10	115
DSS-09-15	H540775	Sept. 18, 2009	1155	2	1.65	37	1440	16	0.05	6	18	341	<20	0.4	<10	<10	189	<10	211
DSS-09-16	H540777	Sept. 18, 2009	879	1	1.9	31	1200	12	0.04	<5	18	411	<20	0.44	<10	<10	185	<10	142
DSS-09-17	H540778	Sept. 18, 2009	801	1	1.68	61	1110	12	0.04	5	16	303	<20	0.34	<10	<10	146	<10	129
DSS-09-18	H540779	Sept. 18, 2009	1030	2	1.78	34	1200	16	0.04	6	18	377	<20	0.43	<10	<10	185	<10	165
DSS-09-19	H540780	Sept. 18, 2009	1075	2	1.54	56	1220	10	0.05	5	14	313	<20	0.35	<10	<10	134	<10	132
<b>Units</b>			<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

**TABLE 3**

**Rock Geochemical Results**

**Table 3**  
**Rock Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample					Parameter																
Location	Tag Number	Date	Sample Type	Length (m)	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg
D-10-1	H540792	July 19, 2010	grab	-	0.006	0.7	4.89	<5	380	0.6	<2	0.09	<0.5	3	44	46	2.72	10	1.16	10	0.76
D-10-2	H540793	July 19, 2010	grab	-	0.009	0.6	8.27	35	1970	1	3	1.74	0.6	8	77	57	4.31	20	1.8	10	1.99
D-09-01	H540751	Sept. 16, 2009	chip	1.0 H	0.006	1	7.46	86	1420	1	<2	3.08	1.3	12	192	43	4.07	20	1.68	10	2.45
D-09-02	H540752	Sept. 16, 2009	chip	1.0 H	0.002	0.5	8.1	14	2140	0.7	<2	6.57	0.7	12	62	52	3.54	20	1.84	10	1.87
D-09-03	H540753	Sept. 16, 2009	grab	-	0.006	0.8	7.74	22	1710	1	<2	11.15	1.2	12	107	59	4.78	20	1.49	10	2.07
D-09-04	H540754	Sept. 16, 2009	chip	1.0 H	0.006	0.8	8.14	40	1210	1.7	<2	4.32	<0.5	12	34	88	5.83	20	3.15	20	2.37
D-09-05	H540755	Sept. 16, 2009	chip	3.0 H	12.3	4	0.46	7810	<50	<10	<20	0.26	<10	<10	50	10	2.07	<50	0.1	<50	0.05
D-09-06	H540756	Sept. 16, 2009	grab	-	3.73	68	0.06	5630	<50	<10	<20	0.09	160	<10	30	20	1.69	<50	<0.1	<50	<0.05
D-09-07	H540757	Sept. 16, 2009	grab	-	11.45	341	<0.05	21900	<50	<10	<20	<0.05	550	<10	10	220	15.8	<50	<0.1	<50	<0.05
D-09-08	H540758	Sept. 17, 2009	chip	1.0 H	0.084	4.2	8.51	147	640	<0.5	<2	3.88	4.2	20	25	154	5.77	20	1.32	10	2.87
D-09-09	H540767	Sept. 17, 2009	grab	-	0.189	9.7	7.23	365	1470	0.9	<2	4.02	11	5	62	44	5.37	20	1.82	10	1.78
D-09-10	H540773	Sept. 18, 2009	grab	-	0.036	0.8	0.36	23	120	<0.5	<2	2.54	0.7	<1	21	2	0.64	<10	0.09	<10	0.11
D-09-11	H540776	Sept. 18, 2009	chip	0.48 H	0.005	<0.5	1.81	15	750	<0.5	<2	0.13	<0.5	4	24	126	1.48	<10	1.25	<10	0.39
D-09-12	H540781	Sept. 18, 2009	chip	0.32 H	0.009	0.8	3.5	34	510	<0.5	<2	15	0.5	7	128	20	2.3	<10	0.75	<10	0.68
<b>Units</b>					<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>%</b>

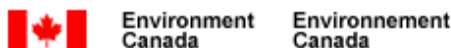
**Table 3**  
**Rock Geochemical Results**  
**Donna Gold Project**  
**Monashee Mountain, British Columbia**

Sample					Parameter																
Location	Tag Number	Date	Sample Type	Length (m)	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
D-10-1	H540792	July 19, 2010	grab	-	175	2	0.9	8	160	9	0.04	<5	17	79	<20	0.26	<10	10	151	<10	43
D-10-2	H540793	July 19, 2010	grab	-	303	2	1.75	18	890	6	0.11	9	27	1050	<20	0.56	<10	10	288	<10	122
D-09-01	H540751	Sept. 16, 2009	chip	1.0 H	360	6	1.73	74	940	8	0.14	<5	20	629	<20	0.42	<10	<10	220	<10	134
D-09-02	H540752	Sept. 16, 2009	chip	1.0 H	608	7	2.5	24	870	5	0.45	<5	19	1180	<20	0.39	<10	10	221	<10	96
D-09-03	H540753	Sept. 16, 2009	grab	-	543	5	1.28	62	1180	5	0.75	<5	22	1860	<20	0.49	<10	10	238	<10	169
D-09-04	H540754	Sept. 16, 2009	chip	1.0 H	887	2	2.18	6	2940	8	1.57	<5	27	950	<20	0.49	<10	<10	274	<10	75
D-09-05	H540755	Sept. 16, 2009	chip	3.0 H	160	<10	0.27	<10	90	50	1	50	<10	50	<50	<0.05	<50	<50	20	170	<20
D-09-06	H540756	Sept. 16, 2009	grab	-	70	<10	<0.05	10	<50	44900	3.2	35900	<10	10	<50	<0.05	<50	<50	<10	<50	4150
D-09-07	H540757	Sept. 16, 2009	grab	-	20	<10	<0.05	<10	<50	161000	18.6	4250	<10	20	<50	<0.05	<50	<50	<10	70	15450
D-09-08	H540758	Sept. 17, 2009	chip	1.0 H	661	2	3.36	10	1710	1380	3	449	26	1410	<20	0.74	<10	10	329	<10	201
D-09-09	H540767	Sept. 17, 2009	grab	-	520	6	1.21	16	820	3610	0.34	133	18	838	<20	0.37	<10	<10	236	<10	411
D-09-10	H540773	Sept. 18, 2009	grab	-	137	<1	0.04	7	130	205	0.04	106	1	221	<20	0.01	<10	<10	9	<10	24
D-09-11	H540776	Sept. 18, 2009	chip	0.48 H	257	<1	0.17	5	140	68	0.06	29	2	68	<20	0.04	<10	<10	36	<10	22
D-09-12	H540781	Sept. 18, 2009	chip	0.32 H	627	2	1.28	71	420	111	0.11	10	8	1170	<20	0.1	<10	10	70	<10	82
<b>Units</b>					<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>%</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>	<b>ppm</b>

## **APPENDICES**

## **APPENDIX A**

### **Lumby Climate Normals**



[Home](#) » [Climate Normals & Averages 1971-2000](#) » Station Results

## Notices:

As of July 24, 2008 changes were made in how data are accessed at 25 stations. [Please click here for further details.](#)

Popular historical Environment Canada publications, studies, and reports from the National Climate Archive library are now available for download as electronic files. They can be accessed by clicking the "Products and Services" link on the left menu bar.

## Canadian Climate Normals 1971-2000

The minimum number of years used to calculate these Normals is indicated by a [code](#) for each element. A "+" beside an extreme date indicates that this date is the first occurrence of the extreme value. Values and dates in bold indicate all-time extremes for the location.

**NOTE!!** Data used in the calculation of these Normals may be subject to further quality assurance checks. This may result in minor changes to some values presented here.

### LUMBY SIGALET RD BRITISH COLUMBIA

Latitude: 50° 22.000' N

Longitude: 118° 46.000' W

Elevation: 559.90 m

Climate ID: 1164730

WMO ID:

TC ID:

<u>Temperature:</u>	Jan	Feb	Mar	Apr	May	Jun	Jul
Daily Average (°C)	-4.9	-2.2	2.3	7.4	11.6	15.3	17.9
Standard Deviation	2.9	2.4	1.6	1.2	1.6	1.5	1.6
Daily Maximum (°C)	-1.8	1.8	7.6	14.1	18.5	22.4	25.6
Daily Minimum (°C)	-8	-6.2	-3	0.6	4.6	8.1	10.1
Extreme Maximum (°C)	14	15	21	29.4	34	35.5	37.2
Date (yyyy/dd)	1989/30	1986/25	1994/30	1977/24	1986/26	1992/26	1974/31
Extreme Minimum (°C)	-30.5	-28	-20	-8	-4	-1	3
Date (yyyy/dd)	1996/30+	1996/01	1976/04	1979/01	1985/12	1988/02	1984/07
<u>Precipitation:</u>							
Rainfall (mm)	11.3	12.7	26.5	40.2	61.3	69.8	58
Snowfall (cm)	48.1	23.5	8.2	0.7	0.1	0	0
Precipitation (mm)	59.5	36.2	34.8	40.8	61.3	69.8	58
Average Snow Depth (cm)	32	29		0	0	0	0
Median Snow Depth (cm)	31	28		0	0	0	0
Snow Depth at Month-end (cm)	33	21	2	0	0	0	0
Extreme Daily Rainfall (mm)	14	23.1	13.4	24.8	29.6	<b>35</b>	32.5
Date (yyyy/dd)	1974/24	1977/11	1996/09	1983/24	1996/30	<b>1990/03</b>	1982/13
Extreme Daily Snowfall (cm)	31	21	10.2	5.3	1.3	0	0

<b>Date (yyyy/dd)</b>	1993/24	1994/08	1975/08	1972/10	1996/08	1971/01+	1971/01+
<b>Extreme Daily Precipitation (mm)</b>	31	23.1	13.4	24.8	29.6	35	32.5
<b>Date (yyyy/dd)</b>	1993/24	1977/11	1996/09	1983/24	1996/30	1990/03	1982/13
<b>Extreme Snow Depth (cm)</b>	76	<b>85</b>	51	21	1	0	0
<b>Date (yyyy/dd)</b>	1982/29	<b>1982/14</b>	1982/01+	1982/01	1996/09	1981/01+	1981/01+
<b><u>Days with Maximum Temperature:</u></b>							
<b>&lt;= 0 °C</b>	18.3	8.8	1	0	0	0	0
<b>&gt; 0 °C</b>	12.7	19.4	30	30	31	30	31
<b>&gt; 10 °C</b>	0.11	0.35	7	22.4	29.7	30	30.9
<b>&gt; 20 °C</b>	0	0	0.04	3.4	9.8	19.4	25.7
<b>&gt; 30 °C</b>	0	0	0	0	0.53	2	6.5
<b>&gt; 35 °C</b>	0	0	0	0	0	0.04	0.73
<b><u>Days with Minimum Temperature:</u></b>							
<b>&gt; 0 °C</b>	0.59	1.6	5.3	14.4	26.8	29.9	30.6
<b>&lt;= 2 °C</b>	30.9	28.1	29.9	21.1	8	0.73	0
<b>&lt;= 0 °C</b>	30.4	26.5	25.6	15.6	3.6	0.09	0
<b>&lt; -2 °C</b>	25	20	16	5.9	0.22	0	0
<b>&lt; -10 °C</b>	9.6	5.8	1.6	0	0	0	0
<b>&lt; -20 °C</b>	1.6	0.72	0	0	0	0	0
<b>&lt; -30 °C</b>	0.07	0	0	0	0	0	0
<b><u>Days with Rainfall:</u></b>							
<b>&gt;= 0.2 mm</b>	3.9	4.2	9	11.8	13.5	13.6	10.2
<b>&gt;= 5 mm</b>	0.66	0.66	1.9	2.5	4.3	4.9	4.1
<b>&gt;= 10 mm</b>	0.03	0.14	0.18	0.54	1.9	2.1	1.9
<b>&gt;= 25 mm</b>	0	0	0	0	0.08	0.18	0.14
<b><u>Days With Snowfall:</u></b>							
<b>&gt;= 0.2 cm</b>	11.7	6.9	3.4	0.29	0.04	0	0
<b>&gt;= 5 cm</b>	3.4	1.5	0.43	0.04	0	0	0
<b>&gt;= 10 cm</b>	1.2	0.45	0.11	0	0	0	0
<b>&gt;= 25 cm</b>	0.03	0	0	0	0	0	0
<b><u>Days with Precipitation:</u></b>							
<b>&gt;= 0.2 mm</b>	14.6	10.5	11.5	11.9	13.5	13.6	10.2
<b>&gt;= 5 mm</b>	4.3	2.2	2.4	2.6	4.3	4.9	4.1
<b>&gt;= 10 mm</b>	1.3	0.62	0.36	0.54	1.9	2.1	1.9
<b>&gt;= 25 mm</b>	0.03	0	0	0	0.08	0.18	0.14
<b><u>Days with Snow Depth:</u></b>							
<b>&gt;= 1 cm</b>		25.8		0.6	0.06	0	0
<b>&gt;= 5 cm</b>		25.1		0.4	0	0	0
<b>&gt;= 10</b>		24.5		0.33	0	0	0
<b>&gt;= 20</b>		20.9		0.07	0	0	0
<b><u>Degree Days:</u></b>							
<b>Above 24 °C</b>	0	0	0	0	0	0	
<b>Above 18 °C</b>	0	0	0	0	2.2	11.3	
<b>Above 15 °C</b>	0	0	0	0.5	10.2	42.8	
<b>Above 10 °C</b>	0	0	0	10.8	64.4	159.2	
<b>Above 5 °C</b>	0.2	0.3	7	74.6	194.7	307.7	
<b>Above 0 °C</b>	7.8	21.8	83.8	211.2	349.5	457.7	
<b>Below 0 °C</b>	160.5	89.7	16.8	0.1	0	0	
<b>Below 5 °C</b>	307.8	209.3	94.9	13.5	0.2	0	



<b>Below 10 °C</b>	462.6	350	243	99.6	24.9	1.5
<b>Below 15 °C</b>	617.6	491.1	398	239.4	125.7	35
<b>Below 18 °C</b>	710.6	575.8	491	328.9	210.7	93.6

**NOTE!!** Data used in the calculation of these Normals may be subject to further quality assurance checks. This may result in minor changes to some values presented here.

## LUMBY SIGALET RD BRITISH COLUMBIA

Latitude: 50° 22.000' N

Longitude: 118° 46.000' W

Elevation: 559.90 m

Climate ID: 1164730

WMO ID:

TC ID:

<u>Temperature:</u>	Aug	Sep	Oct	Nov	Dec	Year	Code
Daily Average (°C)	17.6	12.8	6.2	0.2	-4.2		A
Standard Deviation	1.4	1.7	1	1.8	2.6		A
Daily Maximum (°C)	25.3	19.8	11	3.2	-1.5		A
Daily Minimum (°C)	9.9	5.6	1.4	-2.7	-6.9		A
Extreme Maximum (°C)	<b>39</b>	34.5	26.1	20.6	15		
Date (yyyy/dd)	<b>1998/04</b>	1987/01	1975/02	1975/04	1980/26		
Extreme Minimum (°C)	0.6	-6	-19	-32	<b>-33</b>		
Date (yyyy/dd)	1973/19	1983/19	1984/31	1985/27	<b>1990/29</b>		
<u>Precipitation:</u>							
Rainfall (mm)	48	47.4	45.1	32.3	10.7	463.4	A
Snowfall (cm)	0	0	1.7	28.4	54.2	164.9	A
Precipitation (mm)	48	47.4	46.8	60.7	64.9	628.3	A
Average Snow Depth (cm)	0	0	0		14		D
Median Snow Depth (cm)	0	0	0		12		D
Snow Depth at Month-end (cm)	0	0	0	7	24	7	D
Extreme Daily Rainfall (mm)	29.2	25.6	19.3	29.2	16		
Date (yyyy/dd)	1976/16	1993/19	1996/28	1990/09	1972/21		
Extreme Daily Snowfall (cm)	0	0	10.2	24	<b>32.3</b>		
Date (yyyy/dd)	1971/01+	1971/01+	1971/31	1990/08	<b>1971/16</b>		
Extreme Daily Precipitation (mm)	29.2	25.6	19.3	<b>37</b>	32.3		
Date (yyyy/dd)	1976/16	1993/19	1996/28	<b>1995/13</b>	1971/16		
Extreme Snow Depth (cm)	0	0	5	38	56		
Date (yyyy/dd)	1980/01+	1981/01+	1984/31	1996/28	1996/24		
<u>Days with Maximum Temperature:</u>							
<= 0 °C	0	0	0.41	5.9	19.1		A
> 0 °C	31	30	30.6	24.1	11.9		A
> 10 °C	31	29.3	16.8	1.3	0.27		A
> 20 °C	24.9	14.6	0.94	0.05	0		A
> 30 °C	5.7	0.12	0	0	0		A
> 35 °C	0.22	0	0	0	0		A
<u>Days with Minimum Temperature:</u>							
> 0 °C	30.7	27.8	18.5	6.3	0.85		A
<= 2 °C	0.14	4.4	18.2	27.4	30.9		A
<= 0 °C	0	1.6	12.3	23.5	30.2		A
< -2 °C	0	0.71	5.2	14.2	24.3		A
< -10 °C	0	0	0.17	2	6.8		A
< -20 °C	0	0	0	0	1.1		A
< -30 °C	0	0	0	0	0.08		A
<u>Days with Rainfall:</u>							

<b>&gt;= 0.2 mm</b>	9.7	9.9	12.6	10.1	3.6	112	A
<b>&gt;= 5 mm</b>	3.5	3.4	3.3	2	0.61	31.6	A
<b>&gt;= 10 mm</b>	1.5	1.4	0.81	0.54	0.11	11.1	A
<b>&gt;= 25 mm</b>	0.04	0.04	0	0.07	0	0.55	A
<b><u>Days With Snowfall:</u></b>							
<b>&gt;= 0.2 cm</b>	0	0	0.75	7.3	12.2	42.6	A
<b>&gt;= 5 cm</b>	0	0	0.11	1.8	3.8	11.1	A
<b>&gt;= 10 cm</b>	0	0	0.04	0.89	1.2	3.9	A
<b>&gt;= 25 cm</b>	0	0	0	0	0.07	0.1	A
<b><u>Days with Precipitation:</u></b>							
<b>&gt;= 0.2 mm</b>	9.7	9.9	13	15.5	15.1	148.8	A
<b>&gt;= 5 mm</b>	3.5	3.4	3.4	3.9	4.5	43.4	A
<b>&gt;= 10 mm</b>	1.5	1.4	0.85	1.5	1.4	15.3	A
<b>&gt;= 25 mm</b>	0.04	0.04	0	0.11	0.11	0.73	A
<b><u>Days with Snow Depth:</u></b>							
<b>&gt;= 1 cm</b>	0	0	0.35				D
<b>&gt;= 5 cm</b>	0	0	0.06				D
<b>&gt;= 10</b>	0	0	0				D
<b>&gt;= 20</b>	0	0	0				D
<b><u>Degree Days:</u></b>							
<b>Above 24 °C</b>	0.6	0	0	0	0		A
<b>Above 18 °C</b>	36.4	1.1	0	0	0		A
<b>Above 15 °C</b>	93	13.3	0.1	0.1	0		A
<b>Above 10 °C</b>	234.9	95.5	7.9	0.5	0		A
<b>Above 5 °C</b>	389.9	232.3	62.4	4.5	0.3		A
<b>Above 0 °C</b>	544.9	381.6	191.9	50.3	10		A
<b>Below 0 °C</b>	0	0	3.6	41.6	144.3		A
<b>Below 5 °C</b>	0	0.6	29.1	145.8	289.6		A
<b>Below 10 °C</b>	0	13.9	129.5	291.8	444.3		A
<b>Below 15 °C</b>	13.1	81.7	276.7	441.4	599.3		A
<b>Below 18 °C</b>	49.5	159.5	369.7	531.4	692.3		A

Date Modified: 2009-04-30

**APPENDIX B**  
**BC MINFILE Records**

**Location/Identification**

**MINFILE Number:** 082LSE042

**Name(s):** **KETTLE RIVER**

**Status:** Past Producer

**Mining Method:** Open Pit

**Regions:** British Columbia

**BCGS Map:** 082L008

**NTS Map:** 082L01W

**Latitude:** 50 04 36 N

**Longitude:** 118 29 22 W

**Elevation:** 1200 metres

**Location Accuracy:** Within 1KM

**Comments:** Approximate location of occurrence #348 (Geological Survey of Canada Open File 637).

**Mining Division:** Vernon

**Electoral District:** Okanagan-Vernon

**Forest District:** Okanagan Shuswap Forest District

**UTM Zone:** 11 (NAD 83)

**Northing:** 5548217

**Easting:** 393428

**Mineral Occurrence**

**Commodities:** Gold

**Minerals**      **Significant:** Gold

**Mineralization Age:** Unknown

**Deposit**        **Character:** Unconsolidated

**Classification:** Placer

**Type:** C01: Surficial placers

**Strike/Dip:** 000/

**Host Rock**

**Dominant Host Rock:** Sedimentary

<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Recent	-----	-----	Glacial/Fluvial Gravels

<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>
-----	-----	-----

**Lithology:** Gravel

**Geological Setting**

**Tectonic Belt:** Omineca                      **Physiographic Area:** Okanagan Highland

**Terrane:** Overlap Assemblage

**Inventory**

No inventory data

**Capsule Geology**

The Kettle River placer deposit is located on the Kettle River just north of the Vernon-Edgewood highway, about 1.2 kilometres below the bridge and about 70 kilometres southeast of Vernon.

In 1877, gold was discovered at the headwaters of the Kettle River. In 1886, Hollingsworth and McMillan recorded a discovery claim on the Kettle River about 25 kilometres from Monashee Mountain. In 1931, "attractive values" came from the riverbank about 1.2 kilometres below the bridge. In 1933, 2 leases were staked by C.H. Martin, Frank Layman and associates. They conducted small hydraulic operations along the benches.

Bedrock in the area consists of granitic rocks of the Jurassic Nelson Intrusions.

A cut 38 metres long by 7.6 metres high uncovered some well- layered slightly cemented gravel for about 60 centimetres above the granite bedrock. This section was predicted to average 45 cents a cubic yard and contained nuggets up to \$1.50. The gravel on and above the bedrock had all the appearances of an old channel.

Other test pits outlined an area 1.6 kilometres long and 800 metres wide on the east side. Above the road "encouraging prospects" were reported. About 3.2 kilometres below, in and at the mouth of the canyon, coarse gold values were mined.

The origin of most of this gold has been traced to the quartz veins found in the argillites on Monashee Mountain (082LSE010,022).

There is no record of how much placer gold was removed from the Kettle River.

### ***Bibliography***

EMPR AR 1877-404; 1886-213; \*1931-129; \*1933-162

EMPR BULL \*28, p. 36

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR OF 1991-18; 1994-8

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G

GSC MEM 296

GSC OF \*637(#348); 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

**Date Coded:** 1985/07/24

**Coded By:** BC Geological Survey (BCGS)

**Field Check:** N

**Date Revised:** 1994/11/28

**Revised By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N

### Location/Identification

**MINFILE Number:** 082LSE016

**Name(s):** **DONA**  
 DONA 1-11, DONNA, DNA, IRENE

**Status:** Prospect

**Regions:** British Columbia

**BCGS Map:** 082L018

**NTS Map:** 082L01W

**Latitude:** 50 07 57 N

**Longitude:** 118 24 27 W

**Elevation:** 1585 metres

**Location Accuracy:** Within 500M

**Comments:** Centre of Donna 3 claim (Assessment Report 22931).

**Mining Division:** Vernon

**Electoral District:** Okanagan-Vernon

**Forest District:** Okanagan Shuswap Forest District

**UTM Zone:** 11 (NAD 83)

**Northing:** 5554311

**Easting:** 399408

### Mineral Occurrence

**Commodities:** Silver, Gold, Lead, Zinc, Copper, Antimony

**Minerals**

**Significant:** Arsenopyrite, Pyrite, Stibnite, Galena, Chalcopyrite, Tetrahedrite, Sphalerite, Tennantite

**Associated:** Quartz

**Alteration:** Hematite, Silica, Ankerite

**Alteration Type:** Oxidation, Propylitic, Silicific'n, Carbonate

**Mineralization Age:** Unknown

**Deposit**

**Character:** Vein, Podiform, Shear

**Classification:** Hydrothermal, Epigenetic

**Type:** I05: Polymetallic veins Ag-Pb-Zn+/-Au

**Strike/Dip:** 000/

### Host Rock

**Dominant Host Rock:** Plutonic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Paleozoic-Mesozoic	Harper Ranch	Undefined Formation	-----
Jurassic	-----	-----	Nelson Intrusions

Isotopic Age	Dating Method	Material Dated
-----	-----	-----
-----	-----	-----

**Lithology:** Diorite, Siliceous Phyllite, Felsic Volcanic, Argillite, Quartzite, Tuff, Quartz Diorite

**Comments:** The Harper Ranch Group is Devonian to Triassic.

### Geological Setting

**Tectonic Belt:** Omineca

**Terrane:** Kootenay

**Physiographic Area:** Okanagan Highland

### Inventory

**Ore Zone:** TRENCH

**Year:** 1990

Category: Assay/analysis

Report On: N

NI 43-101: N

Sample Type: Chip

Commodity	Grade
Silver	207.8000 grams per tonne
Gold	0.5110 grams per tonne
Copper	0.0160 per cent
Lead	0.1350 per cent
Zinc	0.0680 per cent

Comments: Chip sample, across 2 metres, from Trench 6 on the Donna claims.

Reference: Assessment Report 22931.

### Capsule Geology

The Dona showing is located 4.8 kilometres west-northwest of Keefer Lake at the headwaters of Kettle River, 63 kilometres southeast of Vernon.

In 1973, the Dona 1-11 claims were staked and geochemical and VLF surveys were completed. In 1974, trenching and percussion drilling were undertaken. In 1982, the Irene and Dona claims were staked. In 1984, trenching was done and in 1988 geochemical surveys and geological mapping were completed. In 1992, claims were staked and soil sampling, trenching, bedrock sampling and geological mapping were completed. In 1993, geophysical surveys were completed in the area.

The area is underlain by a metamorphosed poly-deformed sequence of metasediments and tuffaceous rocks of the Devonian to Triassic Harper Ranch Group. These predominantly comprise varieties of black, intensely cleaved argillite and dark grey to grey siliceous phyllite and intermixed felsic volcanics. These are intruded by small stocks and plugs of diorite and quartz diorite of the Jurassic Nelson Intrusions.

The diorite is the main host of the mineralization and shallow dipping shears control gold distribution. Boudinaged quartz veins commonly fill the shear zones and contain pods and irregular masses of arsenopyrite, pyrite, stibnite, galena and minor chalcopyrite, tetrahedrite-tennantite and possibly sphalerite. The mineralized pods and masses vary from a few millimetres to a maximum of about 10 centimetres thick and do not exceed a few metres in length. Adjacent to the shears are irregularly distributed zones of silicification which contain up to about 2 per cent pyrite. Quartz veins generally have hematite-rich selvages. Hematite also occurs as fracture fillings. The diorite host is commonly weakly propylitized and, near shears, is pyritic. Strong silicification and ankerite(?) alteration of diorite and adjacent argillaceous sedimentary rocks has been noted in outcrop.

In 1974, Sample P3 assayed 43.9 grams per tonne silver and 1.4 grams per tonne gold (Assessment Report 5220). Trenching and bedrock sampling yielded low values, generally less than 0.5 gram per tonne gold (Assessment Report 22931). A chip sample across 2 metres from Trench 6 on the Donna claims assayed 0.016 per cent copper, 0.135 per cent lead, 0.068 per cent zinc, 207.8 grams per tonne silver and 0.511 gram per tonne gold (Sample 35781, Assessment Report 22931).

### Bibliography

EMPR ASS RPT 4740, 5220, 10920, 14567, 17663, 18147, 21592, 22538, \*22931, 23189

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR GEM 1973-97; 1974-81

EMPR OF 1991-18; 1994-8

EMPR PF (Keefer Resources Prospectus, 1988; Dona Property description, 1974)

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G

GSC MEM 296

GSC OF 637(#333); 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

Chevron File

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 1994/03/21

Revised By: Dorte E. Jakobsen(DEJ)

Field Check: N



### Location/Identification

<b>MINFILE Number:</b>	082LSE020		
<b>Name(s):</b>	<b>FOX</b> VERNA, NUGGET, KELLY		
<b>Status:</b>	Showing	<b>Mining Division:</b>	Vernon
<b>Regions:</b>	British Columbia	<b>Electoral District:</b>	Okanagan-Vernon
<b>BCGS Map:</b>	082L019	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>NTS Map:</b>	082L01W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 09 35 N	<b>Northing:</b>	5557309
<b>Longitude:</b>	118 23 08 W	<b>Easting:</b>	401032
<b>Elevation:</b>	1966 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Largest mineralized area on the Fox 16 claim (Assessment Report 5066)		

### Mineral Occurrence

<b>Commodities:</b>	Silver, Lead, Gold, Copper		
<b>Minerals</b>	<b>Significant:</b>	Chalcopyrite, Pyrite, Galena, Pyrrhotite, Arsenopyrite	
	<b>Associated:</b>	Quartz	
	<b>Alteration:</b>	Silica	
	<b>Alteration Type:</b>	Silicific'n	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Vein, Disseminated	
	<b>Classification:</b>	Hydrothermal, Epigenetic	
	<b>Type:</b>	I05: Polymetallic veins Ag-Pb-Zn+/-Au	
	<b>Dimension:</b>	1x0x0 metres	<b>Strike/Dip:</b> 000/
	<b>Comments:</b>	Quartz vein at largest mineralized area is about 1.2 metres wide and dips about 30 degrees to the southeast.	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Triassic-Jurassic	Nicola	Undefined Formation	-----
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	

**Lithology:** Argillite, Limy Quartzitic/Quartzose Schist, Tuff, Andesite, Quartzite, Limestone, Tuffaceous Andesite

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Quesnel		

### Inventory

<b>Ore Zone:</b>	SAMPLE		<b>Year:</b> 1978
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Category: Assay/analysis

Report On: N

NI 43-101: N

Sample Type: Grab

Commodity	Grade
Silver	129.6000 grams per tonne
Gold	0.2000 grams per tonne
Lead	3.3500 per cent

Comments: Highest assay; sample from the old shaft area.

Reference: Assessment Report 7005.

### Capsule Geology

The Fox showing is located on the southwestern slope of Yeoward Mountain, about 90 kilometres east of Vernon.

The Fox showings were discovered and investigated in 1974 by David King. There is an older shaft on the northwest corner of the claims from previous unrecorded work. Also in 1974, a geochemical program was completed by Nielsen Geophysics. In 1978, a geochemical sampling program was conducted on these showings now covered by the Verna and Nugget claims for Murray Ranking Developments Ltd. In 1983, a heavy mineral study was completed on the Kelly claims, just to the west of the Fox showings by C.F. Mineral Research Ltd. for David King. In 1993, geophysical surveys were conducted in this area by James McLeod for Harold Arnold.

The area is underlain by Upper Triassic to Lower Jurassic Nicola Group sedimentary and volcanic rocks. In the area of the showings these consist of argillite, tuff, andesite, quartzite and limestone.

The largest mineralized area is on the Fox 16 claim. This area contains chalcopyrite and pyrite in argillites near the exposure of limy quartzose schists. A quartz vein, dipping 30 degrees southeast and about 1.2 metres wide, contains galena and pyrite.

Just to the west of this area, tuffaceous andesite containing minor disseminated pyrite and chalcopyrite is exposed for 61 metres. About 100 metres to the west, an area with small quartz veins contains heavy arsenopyrite and pyrite in "tuff" rock.

The old shaft is about 150 metres to the north of the largest mineralized area on the Fox 16. The shaft is driven 3.6 metres in a large 1.2 to 2.4 metre wide quartz vein containing blobs of galena. Smaller cross veins carry pyrite, pyrrhotite, arsenopyrite, galena and chalcopyrite. The silicified hostrocks contain disseminated sulphides. A sample taken from this area in 1978 assayed 0.2 gram per tonne gold, 129.6 grams per tonne silver and 3.35 per cent lead (Assessment Report 7005).

### Bibliography

EMPR ASS RPT \*5066, 5099, 7005, 11759, 23189

EMPR EXPL 1978-E87; 1979-96

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR GEM 1974-87

EMPR OF 1991-18; 1994-8

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G

GSC MEM 296

GSC OF 637(#334); 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 1994/11/18

Revised By: Dorte E. Jakobsen(DEJ)

Field Check: N

### Location/Identification

<b>MINFILE Number:</b>	082LSE037		
<b>Name(s):</b>	<u>YEOWARD CREEK</u> PORCUPINE CREEK		
<b>Status:</b>	Showing	<b>Mining Division:</b>	Vernon
<b>Regions:</b>	British Columbia	<b>Electoral District:</b>	Okanagan-Vernon
<b>BCGS Map:</b>	082L018	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>NTS Map:</b>	082L02E	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 10 23 N	<b>Northing:</b>	5558951
<b>Longitude:</b>	118 30 04 W	<b>Easting:</b>	392809
<b>Elevation:</b>	800 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Occurrence #328 (Geological Survey of Canada Open File 637).		

### Mineral Occurrence

<b>Commodities:</b>	Gold		
<b>Minerals</b>	<b>Significant:</b>	Gold	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Unconsolidated	
	<b>Classification:</b>	Placer	
	<b>Type:</b>	C01: Surficial placers	
	<b>Strike/Dip:</b>	000/	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Recent	-----	-----	Glacial/Fluvial Gravels
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	
<b>Lithology:</b>	Gravel, Unconsolidated Sediment/Sedimentary		

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Overlap Assemblage		

### Inventory

No inventory data

### Capsule Geology

The Yeoward Creek deposit is located on Yeoward Creek near its confluence with Monashee Creek, about 22 kilometres south of Cherryville.

A "little" placer mining was attempted in 1923. An old story states that placer miners in the 1870s found coarse gold at the confluence of Yeoward and Monashee creeks. A 180-metre tunnel was driven but abandoned before they reached their goal. By 1923, the old tunnel was caved in.

Bedrock in the area consists of sedimentary and volcanic rocks of the Upper Triassic to Lower Jurassic Nicola Group and the Devonian to Triassic Harper Ranch Group.

Placer activity is reported from Yeoward Creek (Porcupine Creek) but no production is recorded.

### ***Bibliography***

EMPR AR \*1923-160

EMPR BULL \*28, p. 62; 79

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR OF 1990-30; 1991-18; 1994-8

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G

GSC MEM 296

GSC OF \*637 (#328); 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

**Date Coded:** 1985/07/24

**Coded By:** BC Geological Survey (BCGS)

**Field Check:** N

**Date Revised:** 1994/12/19

**Revised By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N

### Location/Identification

<b>MINFILE Number:</b>	082LSE039		
<b>Name(s):</b>	<u>MARSH CREEK</u>		
	PLACER LEASES 1291, 1310, 1358		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Vernon
<b>Mining Method</b>	Open Pit	<b>Electoral District:</b>	Okanagan-Vernon
<b>Regions:</b>	British Columbia	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>BCGS Map:</b>	082L018		
<b>NTS Map:</b>	082L01W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 06 28 N	<b>Northing:</b>	5551668
<b>Longitude:</b>	118 29 00 W	<b>Easting:</b>	393934
<b>Elevation:</b>	1380 metres		
<b>Location Accuracy:</b>	Within 1KM		
<b>Comments:</b>	Approximate center of Placer Lease 1291 (Assessment Report 7485).		

### Mineral Occurrence

<b>Commodities:</b>	Gold		
<b>Minerals</b>	<b>Significant:</b>	Gold	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Unconsolidated	
	<b>Classification:</b>	Placer	
	<b>Type:</b>	C01: Surficial placers	
	<b>Strike/Dip:</b>	000/	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Recent	-----	-----	Glacial/Fluvial Gravels
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	
<b>Lithology:</b>	Gravel		

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Quesnel		

### Inventory

No inventory data

### Capsule Geology

The Marsh Creek deposits are located about 100 kilometres east of Vernon.

These deposits were originally worked by A. Marsh beginning in 1883 until his death in 1925. Marsh developed an adit, 3 short drifts and sunk a shaft to 13.5 metres. In 1935, an opencut was started. In 1938, the old upper drift was cleaned out and several test pits were dug. In 1941, the shaft was dewatered and it promptly caved. In 1942, the upper section of the creek was worked with a dragline. In 1947, a 4.2-metre shaft was sunk before it caved and then a 6-metre shaft was sunk near it. There was work done in the 1960s and 1970s but little information is available. In 1979, geophysical surveys, hand trenching, sluicing and panning were completed. In 1990, Commonwealth Gold completed geochemical surveys in this area.

The area is underlain by volcanic and sedimentary rocks of the Devonian to Triassic Harper Ranch Group. The creek contains glacial and fluvial gravels which contain placer gold.

It is believed that the source of the placer gold in Marsh Creek is the quartz vein at the foot of the limestone cliffs above the south branch of Marsh Creek. This vein is described in the Monashee showings (082LSE001). The main catchment area for this gold is likely below the falls. The location of the main buried channel remains to be determined.

The amount of gold removed from this creek is unrecorded though A. Marsh was able to survive for at least 15 years on what he recovered.

### ***Bibliography***

EMPR ASS RPT \*7485, 21592

EMPR BULL 28

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR OF 1991-18; 1994-8

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G

GSC MEM 296

GSC OF 637 (#330); 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

**Date Coded:** 1985/07/24

**Coded By:** BC Geological Survey (BCGS)

**Field Check:** N

**Date Revised:** 1994/07/11

**Revised By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N

### Location/Identification

<b>MINFILE Number:</b>	082LSE053		
<b>Name(s):</b>	<b><u>BARNES CREEK</u></b>		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Slocan
<b>Mining Method</b>	Open Pit	<b>Electoral District:</b>	Nelson-Creston
<b>Regions:</b>	British Columbia	<b>Forest District:</b>	Arrow Boundary Forest District
<b>BCGS Map:</b>	082L009		
<b>NTS Map:</b>	082L01W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 03 44 N	<b>Northing:</b>	5546305
<b>Longitude:</b>	118 15 23 W	<b>Easting:</b>	410076
<b>Elevation:</b>	1230 metres		
<b>Location Accuracy:</b>	Within 5KM		
<b>Comments:</b>	At the confluence of Barnes Creek with Eureka Creek (Bulletin 28, #171).		

### Mineral Occurrence

<b>Commodities:</b>	Gold		
<b>Minerals</b>	<b>Significant:</b>	Gold	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Unconsolidated	
	<b>Classification:</b>	Placer	
	<b>Type:</b>	C01: Surficial placers	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Recent	-----	-----	Glacial/Fluvial Gravels
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	
<b>Lithology:</b>	Gravel		

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Overlap Assemblage		

### Inventory

No inventory data

### Capsule Geology

The Barnes Creek placer deposit is located on Barnes Creek about 11 kilometres west of Whatshan Lake. The exact location of the placer workings is unknown. Geological Survey of Canada Memoir 296 reports that these placer workings are on the tributaries of Barnes Creek which are Eureka Creek (082LSE046) and Holding Creek (082LSE45). B.C. Ministry of Energy, Mines and Petroleum Resources Bulletin 28 reports production for Barnes Creek and Eureka Creek.

Bedrock in the area consists of granitic rocks of the Cretaceous Whatshan batholith. Glacial and fluvial gravels in the creek contained placer gold.

During 1935 to 1945, reported production from Barnes Creek was 2581 grams of gold. This is probably production from Holding Creek or at least includes production from Holding Creek (Bulletin 28, page 14).

No other information is available.

### *Bibliography*

EMPR BULL \*28, p. 14

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR OF 1991-18; 1994-8

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G

GSC MEM \*296, p. 138

GSC OF 637; 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

**Date Coded:** 1994/07/04

**Coded By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N

**Date Revised:** 1994/07/04

**Revised By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N



### Location/Identification

<b>MINFILE Number:</b>	082LSE059		
<b>Name(s):</b>	<b><u>MONASHEE CREEK PLACER</u></b>		
	SOUTH FORK CHERRY CREEK, RAMBLER		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Vernon
<b>Mining Method</b>	Open Pit	<b>Electoral District:</b>	Okanagan-Vernon
<b>Regions:</b>	British Columbia	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>BCGS Map:</b>	082L018		
<b>NTS Map:</b>	082L02E, 082L01W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 10 13 N	<b>Northing:</b>	5558649
<b>Longitude:</b>	118 30 23 W	<b>Easting:</b>	392426
<b>Elevation:</b>	800 metres		
<b>Location Accuracy:</b>	Within 5KM		
<b>Comments:</b>	Location very approximate (Bulletin 28, symbol 168).		

### Mineral Occurrence

<b>Commodities:</b>	Gold		
<b>Minerals</b>	<b>Significant:</b>	Gold	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Unconsolidated	
	<b>Classification:</b>	Placer	
	<b>Type:</b>	C01: Surficial placers	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Recent	-----	-----	Glacial/Fluvial Gravels
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	
<b>Lithology:</b>	Gravel		

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Overlap Assemblage		

### Inventory

No inventory data

### Capsule Geology

The Monashee Creek Placer deposit is located on Monashee Creek, just south of Cherry Creek. Monashee Creek was previously known as the south fork of Cherry Creek (082LSE013) and there is possibly some confusion between the placer activity on these two creeks.

In 1932, several placer miners were working along Monashee Creek and they reported small recoveries. In 1940 and 1941, mining of gold-bearing

gravel in an old channel below the creek bed took place.

Bedrock in this area comprises volcanic and sedimentary rocks of the Devonian to Triassic Harper Ranch Group.

Gravels from this creek are reported to have produced 6749 grams of gold (217 ounces) during the period from 1936 to 1945 (Bulletin 28, page 63). The gold from Monashee Creek and Cherry Creek has a low fineness (695.5 to 700.0).

### ***Bibliography***

EMPR AR 1932-144; 1940-97; 1941-91

EMPR BULL \*28, pp. 62-63

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR OF 1991-18; 1994-8

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G; 8501G

GSC MEM 296, p. 138

GSC OF 637; 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

**Date Coded:** 1994/11/14

**Coded By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N

**Date Revised:** 1994/12/15

**Revised By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N

### Location/Identification

<b>MINFILE Number:</b>	082LSE013		
<b>Name(s):</b>	<b><u>CHERRY CREEK PLACER</u></b> NORTH FORK, MONASHEE CREEK		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Vernon
<b>Mining Method</b>	Open Pit	<b>Electoral District:</b>	Okanagan-Vernon
<b>Regions:</b>	British Columbia	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>BCGS Map:</b>	082L028		
<b>NTS Map:</b>	082L02E	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 13 47 N	<b>Northing:</b>	5565321
<b>Longitude:</b>	118 32 56 W	<b>Easting:</b>	389528
<b>Elevation:</b>	667 metres		
<b>Location Accuracy:</b>	Within 1KM		
<b>Comments:</b>	Location of the junction of Cherry Creek and Monashee Creek where most of the production came from (Bulletin 28, pages 62-67).		

### Mineral Occurrence

<b>Commodities:</b>	Gold		
<b>Minerals</b>	<b>Significant:</b>	Gold	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Unconsolidated	
	<b>Classification:</b>	Placer	
	<b>Type:</b>	C01: Surficial placers	
	<b>Strike/Dip:</b>	000/	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Quaternary	-----	-----	Glacial/Fluvial Gravels
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	
<b>Lithology:</b>	Gravel, Slate, Shale, Clay		

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Overlap Assemblage		

### Inventory

No inventory data

### Capsule Geology

The Cherry Creek Placer deposit is located at the confluence of Cherry Creek and Monashee Creek (082LSE059). Placer activity centred on the north fork or main stream of Cherry Creek 25 to 32 kilometres east of Lumby. Monashee Creek (082LSE059) was previously known as the south fork of

Cherry Creek and because of this there is some confusion between the placer activity on the two creeks.

Placer deposits on this creek have been worked since 1876 when it was discovered, until 1945 when the last production was recorded. The deposits have been worked by hand, by an elaborate system of flumes, by hydraulics and later by gasoline shovels. Benches 30 metr above the creek were mined in 1876. From 1890 to 1896, 15 people were working on the creek taking out about \$2.00 per day. There was little or no activity between 1905 and 1922, but activity was renewed in 1925.

The valleys were filled with gravel after the retreat of ice and remnants of these gravels have been left in benches up to 91.4 metres high, by the recent stream. Lenticular, irregular gravel beds occur in 12 to 15 metres of a sandy unit. This unit rests on water- worn black slates and shales cut by quartz veins. Boulder clay overlies the sandy unit. Placer gold occurs in the preglacial gravels over several kilometres.

The gold has a low average fineness of 700. Nuggets up to 264 grams (8.5 ounces) have been found. The gold is of 2 types: light, flat, scaly particles, and less commonly, coarse gold pieces.

Most production came from the confluence of Cherry Creek and Monashee Creek, upstream to 5.6 kilometres above the confluence. Production totals 155,158 grams of gold (4989 ounces) (Bulletin 28, page 63).

### ***Bibliography***

EMPR AR 1876-410,423; 1877-404; 1878-378; 1879-241; 1881-398; 1882-362; 1886-213; 1887-277; 1888-316,325; 1889-291; 1890-378; 1891-575; 1892-543; 1893-1073; 1894-753; 1896-706; 1901-1127; 1905-192; 1920-187; 1922-145; 1923-160; 1925-184; 1926-200; 1927-213; 1930-208; 1931-116; 1933-198; 1934-D34

EMPR BULL \*28, pp. 62,67

EMPR FIELDWORK 1982, pp. 33-36; 1987, pp. 55-58, 401-404, 511-514; 1988, pp. 49-54; 1990, pp. 301-306; 1991, pp. 319-323; 1992, pp. 255-257

EMPR OF 1990-30; 1991-18; 1994-8

EMPR PF (Report on Monashee Creek Placers, C.E. Cairnes, 1932)

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 1059A; 7216G; 8501G

GSC MEM 296, p. 138

GSC OF 637(#314)

GSC P 91-2, pp. 115-135

Placer Dome File

<b>Date Coded:</b>	1985/07/24	<b>Coded By:</b>	BC Geological Survey (BCGS)	<b>Field Check:</b>	N
<b>Date Revised:</b>	1994/12/12	<b>Revised By:</b>	Dorthe E. Jakobsen(DEJ)	<b>Field Check:</b>	N

### Location/Identification

<b>MINFILE Number:</b>	082LSE022	<b>National Mineral Inventory Number:</b>	082L1 Au1
<b>Name(s):</b>	<b><u>MORGAN</u></b> MINERVA (L.4187), BLACK BESS (L.4186), SKB, MORNING, GUYSBOROUGH, DAWN, YEOWARD, YEOWARD 6-7, YEOWARD 9-10		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Vernon
<b>Mining Method</b>	Underground	<b>Electoral District:</b>	Okanagan-Vernon
<b>Regions:</b>	British Columbia	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>BCGS Map:</b>	082L018		
<b>NTS Map:</b>	082L01W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 08 29 N	<b>Northing:</b>	5555362
<b>Longitude:</b>	118 27 10 W	<b>Easting:</b>	396191
<b>Elevation:</b>	1737 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Morgan workings located on the Minerva claim (Lot 4187) (Property File - Report on the St. Paul Property, 1974).		

### Mineral Occurrence

<b>Commodities:</b>	Gold, Silver, Lead, Zinc		
<b>Minerals</b>	<b>Significant:</b>	Gold, Pyrite, Sphalerite, Tetrahedrite, Galena, Arsenopyrite	
	<b>Associated:</b>	Quartz	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Vein, Disseminated	
	<b>Classification:</b>	Hydrothermal, Epigenetic	
	<b>Type:</b>	105: Polymetallic veins Ag-Pb-Zn+/-Au	
	<b>Strike/Dip:</b>	000/	

### Host Rock

<b>Dominant Host Rock:</b>	Metasedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Paleozoic-Mesozoic	Harper Ranch	Undefined Formation	-----
Jurassic	-----	-----	Nelson Intrusions
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	
-----	-----	-----	
<b>Lithology:</b>	Slate, Quartzite, Calcareous Tuff, Tuff, Dacite Porphyry Dike, Dacite		
<b>Comments:</b>	The Harper Ranch Group is Devonian to Triassic.		

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Quesnel		

### Inventory

<b>Ore Zone:</b>	VEIN	<b>Year:</b>	1974
<b>Category:</b>	Assay/analysis	<b>Report On:</b>	N

Sample Type: Grab

Commodity	Grade
Silver	13.7000 grams per tonne
Gold	3.8000 grams per tonne

Comments: Sample from 15 centimetre wide vein.

Reference: Property File - Report on the St. Paul Property, 1974.

### **Capsule Geology**

The Morgan deposit is located on top of Monashee Mountain, 60 kilometres east-southeast of Vernon and about 800 metres southeast of the St. Paul (082LSE010) deposit. A few hundred tons of high-grade gold ore have been produced to date.

The showings were discovered in 1899 and staked as the Morgan, Guysborough, Dawn and Morning claims. The Morgan workings, on what later became the Minerva Crown grant (Lot 4187), were the initial development. Later development was mainly on the Toughnut claim (Lot 4189) (St. Paul deposit) about 800 metres northwest of the Morgan workings. The Cherry Creek Gold Mining Co. Ltd. optioned the Morgan group in 1902 and by 1904 had driven a 10.7-metre adit on the Morning claim. The workings by 1905 consisted of the 10.7 metre adit and two shafts, 24.4 and 10.7 metres deep. The 10.7-metre shaft and the drift from it provided most of the production. After 1907, the property was restaked as the Minerva group of 4 claims.

The Black Bess, Minerva, Zilpah and Toughnut (Lots 4186 to 4189) were Crown granted in 1915. Development work, mainly on the Toughnut claim, during the period 1914-1916 consisted of 2 adits, 6.1 and 106.7 metres in length. In 1927, St. Paul Mines Ltd. acquired the 4 Crown grants and 3 claims. Intermittent development work continued into 1933. The workings in 1930 consisted of 5 adits from 10.7 to 106.7 metres in length, 2 winzes and a number of trenches. The company reportedly carried out some work in 1949. A new adit begun in 1961 was extended to a total length of 61 metres in 1962. A shipment of 7.3 tonnes was reported in 1966. The property in 1971 included the 4 Crown grants and the Snow, Snowshoe and SKB claims. Work during the period 1971-1973 included trenching and stripping. Some crude ore was shipped in 1971 and 1973, and 4.5 tonnes of concentrate were shipped in 1973. In 1973, Coast Interior Ventures Ltd. leased the properties and in 1974 carried out extensive road improvements, reopening and deepening of old trenches, opening and draining adits 4 and 5 at the St. Paul workings, and a metallurgical study on a bulk sample from the St. Paul workings. In 1982, Brican Resources conducted a soil survey, a geochemical survey and a magnetometer survey on the St. Paul and Minerva deposits. In 1983, Brican Resources Ltd. conducted a geochemical survey and geological mapping on the two deposits. In 1990, Commonwealth Gold conducted a geochemical survey over this area. In 1992, Cameco Corp. conducted geochemical and geological surveys in this area.

The area is underlain by sedimentary rocks and greenish volcanics of the Devonian to Triassic Harper Ranch Group intruded by several Jurassic or Cretaceous dikes or small hypabyssal bodies of dacite porphyry. The sediments, striking west to northwest and dipping moderately to steeply south, consist of quartzite, calcareous tuffs and slates.

The Morgan showings consist of 2 or more narrow, north striking quartz veins dipping about 45 degrees southwest and are 36 to 61 centimetres wide. At least one important cross vein is normal to the main veins. The veins occur in quartzite, calcareous tuff and slate which has been intruded by dacite porphyry dikes.

The vein quartz contains, in addition to occasional specks of native gold, disseminated pyrite with some arsenopyrite and locally small amounts of galena, sphalerite and tetrahedrite.

Old reports refer to a vein which is up to 3 metres wide but this vein was not found in 1974. Two veins were noted in the large cleared area south of the caved adit.

A shipment of 10 tonnes of selected material from the veins was sent to Trail in 1973. The shipment graded 44.9 grams per tonne gold, 48 grams per tonne silver, 0.6 per cent lead, 0.4 per cent zinc and 0.02 per cent copper (Property File - Report on the St. Paul Property, 1974). In the 1962 tunnel, one 15-centimetre vein was noted about 46 metres from the portal; one other vein is reported from this tunnel. A grab sample taken from the 15-centimetre vein assayed 3.8 grams per tonne gold and 13.7 grams per tonne silver (Property File - Report on the St. Paul Property, 1974).

Production for the period 1914-1973 totalled 392 tonnes producing 5630 grams of gold, 112,406 grams of silver, 3720 kilograms of lead and 1258 kilograms of zinc for the Morgan and St. Paul deposits. Refer to the St. Paul deposit (082LSE010) for production figures.

### **Bibliography**

EMPR AR 1900-857; 1902-189; 1904-228; 1905-193; 1907-128; 1913- 179; 1914-360,511; 1915-252,446,450; 1916-263; 1923-160; 1927-185, 213; 1928-220; 1930-208; 1931-116; 1932-144; 1933-197; 1934-D34; 1949-138; 1962-66

EMPR ASS RPT 12050, 21592, 22575, 22827, 23110

EMPR BULL 1, p. 79; 20, pp. 3-24

EMPR EXPL 1975-E50

EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257

EMPR GEM 1971-431; 1972-79; 1973-98; 1974-88

EMPR OF 1991-18; 1994-8

EMPR PF (Sketch of Morgan Mine, c. 1930; Map of the Upper Workings on the Minerva, c. 1952; See also 082LSE010)

EMPR RGS 082L, 1976; 32, 1991

GSC MAP 7216G; 8491G

GSC MEM 296

GSC OF 637(#332); 658

GSC P 91-2, pp. 115-135

CJES Vol. 26, No. 2

GCNL #17,1983

**Date Coded:** 1985/07/24

**Coded By:** BC Geological Survey (BCGS)

**Field Check:** N

**Date Revised:** 1994/11/24

**Revised By:** Dorthe E. Jakobsen(DEJ)

**Field Check:** N

### Location/Identification

<b>MINFILE Number:</b>	082LSE010	<b>National Mineral Inventory Number:</b>	082L1 Au1
<b>Name(s):</b>	<b><u>ST.PAUL</u></b> TOUGHNUT (L.4189), ZILPAH (L.4188), SHEPPARD, SNOW, SNOWSHOE, PIONEER, IRON HORSE, YEOWARD, YEOWARD 9-10, YEOWARD 6-7, MONASHEE GROUP		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Vernon
<b>Mining Method</b>	Underground	<b>Electoral District:</b>	Okanagan-Vernon
<b>Regions:</b>	British Columbia	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>BCGS Map:</b>	082L018		
<b>NTS Map:</b>	082L01W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 08 52 N	<b>Northing:</b>	5556074
<b>Longitude:</b>	118 27 16 W	<b>Easting:</b>	396086
<b>Elevation:</b>	1432 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Location of St. Paul workings on the Toughnut claim (Property File - Report on the St. Paul Property, 1974).		

### Mineral Occurrence

**Commodities:** Silver, Gold, Lead, Zinc, Antimony, Copper

**Minerals**

<b>Significant:</b>	Arsenopyrite, Jamesonite, Stibnite, Pyrite, Tetrahedrite, Sphalerite, Galena, Chalcopyrite, Freibergite, Pyrrhotite
<b>Associated:</b>	Quartz
<b>Alteration:</b>	Silica
<b>Alteration Type:</b>	Silicific'n
<b>Mineralization Age:</b>	Unknown

**Deposit**

<b>Character:</b>	Vein, Disseminated, Massive
<b>Classification:</b>	Hydrothermal, Epigenetic
<b>Type:</b>	I05: Polymetallic veins Ag-Pb-Zn+/-Au

**Strike/Dip:** 000/

### Host Rock

**Dominant Host Rock:** Sedimentary

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Paleozoic-Mesozoic	Harper Ranch	Undefined Formation	-----
Triassic-Jurassic	Nicola	Undefined Formation	-----
Jurassic	-----	-----	Nelson Intrusions

Isotopic Age	Dating Method	Material Dated
-----	-----	-----
-----	-----	-----
-----	-----	-----

**Lithology:** Argillite, Quartzite, Slate, Limestone, Diorite Sill, Diorite, Feldspar Porphyry Dike, Dacite Porphyry, Greenstone, Andesite Tuff

**Comments:** The Harper Ranch Group is Devonian to Triassic.

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Quesnel		



## Inventory

**Ore Zone:** LENS  
**Category:** Assay/analysis

**Year:** 1974  
**Report On:** N  
**NI 43-101:** N

**Sample Type:** Chip

Commodity	Grade
Silver	1371.0000 grams per tonne
Gold	6.5000 grams per tonne
Lead	4.3900 per cent
Antimony	3.8000 per cent
Zinc	0.0300 per cent

**Comments:** A 1-metre sample across one of the massive sulphide lenses in a quartz vein.

**Reference:** Property File - Report on the St. Paul Property, 1974.

## Summary Production

	Metric	Imperial
<b>Mined:</b>	392 tonnes	432 tons
<b>Milled:</b>	0 tonnes	0 tons
<b>Recovery</b>		
Silver	112,406 grams	3,614 ounces
Gold	5,630 grams	181 ounces
Lead	3,720 kilograms	8,201 pounds
Zinc	1,258 kilograms	2,773 pounds

## Capsule Geology

The St. Paul mine is located on the steep north face of Monashee Mountain, 60 kilometres east-southeast of Vernon and about 800 metres northwest of the Morgan (082LSE022) deposit.

Development work began on the Toughnut claim in 1913. In 1914, a tramline was constructed and a mill was installed on the Sheppard claim. The mill operated for short periods in 1914 and 1915, milling 200 tonnes. Four claims, the Black Bess, Minerva, Zilpah and Toughnut (Lots 4186 to 4189), were Crown granted in 1915. Development work, mainly on the Toughnut claim during the period 1914-1916, included 2 adits, 6.1 metres and 106.7 metres in length.

In 1927, St. Paul Mines Ltd. acquired the 4 Crown grants and 3 claims (which included the Morgan (082LSE022)). Intermittent development work continued into 1933. The workings in 1930 included 5 adits from 10.7 to 106.7 metres in length, 2 winzes and a number of trenches. The company reportedly carried out some work in 1949.

In 1962, a new adit begun in 1961 was extended to a total length of 61 metres. A shipment of 7.3 tonnes was reported in 1966. The property in 1971 included the 4 Crown grants and the Snow, Snowshoe and SKB claims. Work done during the period 1971-1973 included trenching and stripping. Some crude ore was shipped in 1971 and 1973 and 4.5 tonnes of concentrate were shipped in 1973. In 1973, Coast Interior Ventures Ltd. leased the properties and in 1974 carried out extensive road improvements, reopening and deepening of old trenches, opening and draining adits 4 and 5 at the St. Paul workings and a metallurgical study on a bulk sample from the St. Paul workings.

In 1982, Brican Resources conducted geochemical surveys and magnetometer survey on the St. Paul and Morgan deposits. In 1983, Brican Resources Ltd. conducted a geochemical survey and geological mapping on the two deposits. In 1990, Commonwealth Gold conducted a geochemical survey over this area. In 1992, Cameco Corp. conducted geochemical and geological surveys in this area.

The area is underlain by sedimentary rocks and greenish volcanics of the Devonian to Triassic Harper Ranch Group and the Upper Triassic to Lower Jurassic Nicola Group. These are intruded by a Jurassic diorite sill of the Nelson Intrusions near the St. Paul workings. The sediments consist of black slate and argillite with lesser grey to black limestone, intermediate volcanic tuffs and quartzite. Minor greenstone or andesite tuff occurs near the St. Paul workings. The volcanics and sediments generally strike east and dip south. The intrusion is medium grained, dark grey and carries disseminated pyrite, locally in heavy concentrations. The diorite exhibits chlorite and carbonate alteration and has hornfelsed the surrounding rocks.

Mineralization at the St. Paul workings occurs as scattered to sub-massive sulphides in quartz veins within or adjacent to the diorite sill. Varying amounts of disseminated sulphides also occur in the diorite body and in certain of the surrounding hostrocks. There are 2 large quartz veins (61 to 182 centimetres wide), 10 to 15 narrower ones (1 to 15 centimetres wide) and one mineralized "silicified zone". Most of the veins strike northwest and dip moderately to shallowly southwest.

Mineralization in the large quartz veins consists of stringers, bunches and massive to sub-massive lenses of arsenopyrite with occasional massive lenses of jamesonite and stibnite. Minor amounts of the antimony minerals are found as small stringers and disseminated grains. Minor amounts of pyrite, tetrahedrite, sphalerite and chalcopyrite sometimes accompany the arsenopyrite. High silver values indicate the presence of some other sulphosalt, possibly freibergite. At the face of the No. 3 adit, the vein was 91 centimetres to 1.2 metres wide and composed of heavily mineralized diorite. The vein contains about 0.5 to 60 centimetres of nearly solid sulphides, principally a mixture of arsenical iron with streaks and small kidneys of antimony sulphides, mostly jamesonite.

The narrow quartz veins are mineralized with smaller quantities of the above minerals usually as small stringers or disseminated grains.

Other small quartz veins with northeast strikes and southeast dips may represent faulted segments of one vein. These veins are mainly quartz containing sulphides as disseminations or as streaks, bunches or small kidneys of nearly solid mineral. The sulphides are principally arsenopyrite, antimony sulphides, pyrite and pyrrotite. Very small amounts of galena, sphalerite and copper pyrites are present and native silver occurs in microscopic specks.

A diffuse "silicified zone" occurs adjacent to the footwall or northern contact of the diorite sill. The zone is about 1.2 to 1.5 metres wide and contains scattered to sub-massive pyrite and arsenopyrite. The zone is exposed in a small creek above the portal of adit 4. A representative grab sample of this material assayed 66 grams per tonne silver and 5 grams per tonne gold (Property File - Report on the St. Paul Property, 1974).

The diorite sill commonly contains disseminated pyrite and arsenopyrite and locally these minerals may constitute 5 to 10 per cent of the intrusive rock. Disseminated pyrite and arsenopyrite were also noted in blue-grey limestone and in a feldspar porphyry dike (dacite porphyry) adjacent to the south contact of the diorite body.

A 1-metre chip sample from adit 1 across one of the massive sulphide lenses in a quartz vein assayed 1371 grams per tonne silver, 6.5 grams per tonne gold, 4.39 per cent lead, 0.03 per cent zinc and 3.8 per cent antimony (Property File - Report on the St. Paul Property, 1974). A grab sample, taken from a 1.2 metre quartz vein carrying scattered arsenopyrite, jamesonite and pyrite 12 metres from the portal of adit 1, assayed 381 grams per tonne silver and 3 grams per tonne gold (Property File - Report on the St. Paul Property, 1974).

Recorded production for the period 1914-1973 totals 392 tonnes producing 5630 grams of gold, 112,406 grams of silver, 3720 kilograms of lead and 1258 kilograms of zinc. These figures include production from the Morgan deposit.

### Bibliography

EMPR AR 1913-179; 1914-360,511; 1915-252,446,450; 1916-263; 1923-160; 1927-185,213; 1928-220; 1930-208; 1931-116; 1932-144; 1933-197; 1934-D34; 1949-138; 1962-66  
EMPR ASS RPT 10967, 12050, 21592, 22575, 22827, 23110  
EMPR BC METAL MM00442  
EMPR BULL 1, p. 79; 20, pp. 3-24  
EMPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257  
EMPR GEM 1971-431; 1972-79; 1973-98; 1974-88  
EMPR INDEX 3-211  
EMPR OF 1991-18; 1994-8  
EMPR PF (Plan of St. Paul (lower) workings, copy of 1952 map; \*Report on the St. Paul Property, Coast Interior Ventures, 1974)  
EMPR RGS 082L, 1976; 32, 1991  
GSC MAP 1059A; 7216G; 8502G  
GSC MEM 296, p. 147  
GSC OF 637(#331); 658  
GSC P 91-2, pp. 115-135  
GSC SUM RPT 1930A, p. 116  
CJES Vol. 26, No. 2  
GCNL #17, 1983

<b>Date Coded:</b>	1985/07/24	<b>Coded By:</b>	BC Geological Survey (BCGS)	<b>Field Check:</b>	N
<b>Date Revised:</b>	1994/11/16	<b>Revised By:</b>	Dorthe E. Jakobsen(DEJ)	<b>Field Check:</b>	N

### Location/Identification

<b>MINFILE Number:</b>	082LSE001	<b>National Mineral Inventory Number:</b>	082L2 Au1
<b>Name(s):</b>	<b><u>MONASHEE</u></b> RISKE (L.192), VERNON (L.193), MCINTYRE (L.194), RISKE (L.195), WITHROW (L.306), MOONBEAM, KETTLE 2, MORNING SUN, FIELD		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Vernon
<b>Mining Method</b>	Underground	<b>Electoral District:</b>	Okanagan-Vernon
<b>Regions:</b>	British Columbia	<b>Forest District:</b>	Okanagan Shuswap Forest District
<b>BCGS Map:</b>	082L018		
<b>NTS Map:</b>	082L02E, 082L01W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	50 06 30 N	<b>Northing:</b>	5551766
<b>Longitude:</b>	118 30 31 W	<b>Easting:</b>	392128
<b>Elevation:</b>	1265 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Upper adit (No.1) on the Withrow claim (Lot 306) near stamp mill site (Assessment Report 11789).		

### Mineral Occurrence

**Commodities:** Silver, Gold, Lead, Zinc, Copper

<b>Minerals</b>	<b>Significant:</b>	Galena, Gold, Pyrite, Sphalerite, Chalcopyrite, Magnetite	
	<b>Associated:</b>	Quartz	
	<b>Alteration:</b>	Silica, Clay, Chlorite	
	<b>Alteration Type:</b>	Silicific'n, Argillic, Chloritic	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Vein, Shear	
	<b>Classification:</b>	Hydrothermal, Epigenetic	
	<b>Type:</b>	I05: Polymetallic veins Ag-Pb-Zn+/-Au	
	<b>Dimension:</b>	760x1x0 metres	<b>Strike/Dip:</b> 045/34E
	<b>Comments:</b>	The vein in the adit on the Withrow claim strikes northeast and dips 34 degrees southeast. The vein pinches and swells up to 1.5 metres in width and has reportedly been traced on surface for 760 metres.	

### Host Rock

**Dominant Host Rock:** Metavolcanic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Paleozoic-Mesozoic	Harper Ranch	Undefined Formation	-----
Jurassic	-----	-----	Nelson Intrusions
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
-----	-----	-----	
-----	-----	-----	

**Lithology:** Meta Volcanic, Argillite, Marble, Limestone, Hornblende Biotite Granodiorite, Andesite Sill

**Comments:** The Harper Ranch Group is Devonian to Triassic.

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Quesnel		

### Inventory

**Ore Zone:** VEIN  
**Category:** Assay/analysis

**Year:** 1983  
**Report On:** N  
**NI 43-101:** N

**Sample Type:** Grab

Commodity	Grade
Silver	161.8000 grams per tonne
Gold	24.9000 grams per tonne
Copper	0.3150 per cent
Lead	0.7100 per cent

**Comments:** Selected grab sample of quartz vein material from Withrow adit dump.

**Reference:** Assessment Report 11789.

### Summary Production

	Metric	Imperial
<b>Mined:</b>	2,193 tonnes	2,417 tons
<b>Milled:</b>	1,421 tonnes	1,566 tons
<b>Recovery</b>		
Silver	50,916 grams	1,637 ounces
Gold	11,415 grams	367 ounces
Lead	706 kilograms	1,556 pounds
Zinc	190 kilograms	419 pounds

### Capsule Geology

The Monashee deposit is located 20 kilometres south of Cherryville, just north of McIntyre Lake on the east side of Monashee Pass.

Work was initially reported in 1886 but it may have begun earlier. Underground development and stockpiling of ore were carried out each year. The Riske (Lot 192), Vernon (Lot 193), McIntyre (Lot 194) and Riske (Lot 195) claims were Crown granted in 1887; the Withrow (Lot 306) claim was Crown granted in 1890. The stamp mill was completed in and the workings comprised 3 adits: an upper adit at 1265 metres, driven 91 metres; a middle adit driven 10.7 metres; and a lower adit near the bottom of the hill driven 82.3 metres.

In 1900, the Cherry Creek Gold Mining Co. Ltd. acquired the property and the adjoining McPhail (082LSE009) property. Drifting and crosscutting were done in the old adits. A 5-stamp mill operated for a short time in 1903. In 1907, the Fire Valley Gold Mining Co. Ltd. acquired the two properties. The old adits were reopened but no work was reported and the company ceased work in 1915. The Progressive Mining Co. Ltd. acquired the McIntyre, Morning Sun and Monashee claims in 1921. The adit and opencuts on the McIntyre were cleaned out. On the Morning Sun claim a crosscut adit was driven 12 metres. On the Monashee claim the old lower adit was reopened. In the 1920s, New Monashee Mines Ltd. acquired the Withrow, Field, Vernon and Riske claims but no work was reported.

In 1933, Monashee Mines Syndicate Ltd. acquired the Withrow, Vernon, Field and Riske Crown grants and the adjoining McPhail property. The old adits were reopened, a drift adit was extended 230 metres and two new drift adits were completed. A total of 1254 metres of drifting and raising was done by Vidette Gold before work ceased in 1935. In 1939, Monashee Development installed a 50 ton-per-day mill which began operation in October. The mill operated for 55 days before work ceased; all equipment was removed. In 1940, the property was leased to G.M.F. and F.H. Paterson, S. Flodstrom and William McLaren who mined remnants of ore by hand steel methods.

In 1983, reconnaissance geochemical sampling and geological mapping surveys were done on the Monashee and McPhail properties and the Moonbeam claims by I.M. Watson and Associates Ltd. for Nakusp Resources Ltd. In 1989, reconnaissance mapping and geochemical sampling was completed on the Monashee and McPhail properties, which were staked as the Kettle 2 and 1 claims. In 1992, Cameco Corp. conducted geochemical and geological surveys in the area.

The claims are underlain by Devonian to Triassic metavolcanics and metasediments of the Harper Ranch Group, a short distance north of the contact with Jurassic granitic rocks of the Nelson Intrusions. These consist of interdigitating lenses of fine grained, altered volcanics and metasediments. The volcanics are possibly meta-andesites and the metasediments consist of argillites and marbles. The sediments strike west to northwest and dip steeply to moderately north. On the northern part of the property the Monashee Pass marble showing (082LSE049) forms 50 metre cliffs along the crest of the ridge overlooking Highway 6.

The intrusive rocks consist of leucocratic medium to coarse-grained hornblende biotite granodiorite. The generally fractured granitic rocks are locally heavily sheared and altered. The degree of kaolinization and chloritization is relative to the degree of deformation. The contact with the metamorphic rocks trends northwest.

Disseminated pyrite is common along or near the contact with the granites and is associated with fracturing in silicified and rusty metavolcanics and sediments. Pyritized rusty skarn zones, lensoid and less than 10 metres in extent, occur at volcanic/marble contacts exposed in roadside cuts.

Three adits have been driven on the Withrow claim. The upper adit has been driven on a quartz vein which pinches and swells from 30 to 150 centimetres in width, with the widest sections near faults. The vein, traced on surface for 760 metres, strikes northeast and dips 34 degrees southeast. Mineralization consists of pyrite, galena, chalcopryrite, sphalerite, magnetite and native gold. A faulted outcrop containing a 1.8 metre wide quartz vein has been explored by adit but was not described. Just north of the vein outcrop, another adit has been driven on a quartz vein. This vein is 2 to 10 centimetres wide, strikes southeast and may be a stringer in the hangingwall of the main vein. The veins occur in argillites and metamorphosed volcanics. The workings at 1265 metres elevation were sampled in 1983. A selected grab sample of quartz vein material containing disseminated pyrite, galena and chalcopryrite assayed 0.315 per cent copper, 0.71 per cent lead, 161.8 grams per tonne silver and 24.9 grams per tonne gold (Assessment Report 11789). Samples taken in 1989 from this same dump material assayed similar values (Assessment Report 19209). Samples of dump material from the other adits assayed insignificant values. Geochemical sampling indicated a gold anomaly in the area of the old dumps and workings on the Withrow claim.

On the Vernon claim, pyritic, rusty andesite sills occur in marble. Grab samples assayed low gold and silver values (Assessment Report 11789).

Adits on the Moonbeam 5 and 6 claims, about 425 metres south of the Vernon claim, were driven on a strong northwest trending shear. The shear cuts highly silicified and carbonatized volcanics and contains irregular quartz veins and pods. These are weakly to moderately pyritized and contain rare chalcopryrite and galena. Chip and grab samples assayed up to 132 grams per tonne silver and 0.27 gram per tonne gold (Assessment Report 11789). Samples taken in 1989 assayed low values (Assessment Report 19209).

During 1939-1940, 2193 tonnes of ore were milled producing 11,415 grams of gold, 50,916 grams of silver, 706 kilograms of lead and 190 kilograms of zinc.

### Bibliography

EMPR AR 1886-213; 1887-277; 1889-292; 1890-378; 1891-576; 1892- 543; 1893-1073; 1897-609; 1900-857,1128; 1901-1128,1155; 1902-188; 1903-178; 1904-228; 1905-193; 1907-128; 1909-278; 1913-171; 1914-359,511; 1915-252,446; 1916-263; 1921-191; 1933-155; 1934-D11; 1935-D13; 1939-37,42; 1940-23,71  
EMPR ASS RPT 4771, 11537, \*11789, 19209, 22827, 22575, \*23110  
EMPR BC METAL MM00433  
EMPR BULL 1, p. 79; 20, pp. 3-24  
EMPR FIELDWORK 1982, pp. 33-36; 1987, pp. 55-58, 401-404, 511-514; 1988, pp. 49-54; 1990, pp. 301-306; 1991, pp. 319-323; 1992, pp. 255-257  
EMPR GEM 1973-23,98  
EMPR INDEX 3-206  
EMPR OF 1991-18; 1994-8  
EMPR PF (Workings Plans 1915, 1932)  
EMPR RGS 082L, 1976; 32, 1991  
EMR CORPFILE (Monashee Gold Mines Ltd., Monashee Mines Syndicate Ltd., Vidette Gold Mines Ltd.)  
EMR MINES BRANCH 1934 Report 748-171(#604)  
GSC ANN RPT 1890, Vol. 5  
GSC MAP 1059A; 7216G; 8491G; 8501G  
GSC MEM 296, p. 147  
GSC OF 637 (#327); 658  
GSC P 91-2, pp. 115-135  
GSC SUM RPT 1930A, p. 116  
CJES Vol. 26, No. 2  
GCNL #17, 1983

<b>Date Coded:</b>	1985/07/24	<b>Coded By:</b>	BC Geological Survey (BCGS)	<b>Field Check:</b>	N
<b>Date Revised:</b>	1994/11/17	<b>Revised By:</b>	Dorthe E. Jakobsen(DEJ)	<b>Field Check:</b>	N

## **APPENDIX C**

### **Assessment Cost Statement**

Exploration Work type	Comment	Days			Totals
<b>Personnel (Name)* / Position</b>	<b>Field Days (list actual days)</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal*</b>	
Garrett Ainsworth / Geologist	July 7-20, 2010	14	\$227.27	\$3,181.78	
Greg Galloway / Assistant	July 7-20, 2010	14	\$175.00	\$2,450.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$5,631.78	<b>\$5,631.78</b>
<b>Office Studies</b>	<b>List Personnel (note - Office only, do not include field days)</b>				
Literature search			\$0.00	\$0.00	
Database compilation			\$0.00	\$0.00	
Computer modelling	Garrett Ainsworth / Geologist	8.0	\$227.27	\$1,818.16	
Reprocessing of data			\$0.00	\$0.00	
General research			\$0.00	\$0.00	
Report preparation	Garrett Ainsworth / Geologist	7.0	\$227.27	\$1,590.89	
Other (specify)				\$0.00	
				\$3,409.05	<b>\$3,409.05</b>
<b>Airborne Exploration Surveys</b>	<b>Line Kilometres / Enter total invoiced amount</b>				
Aeromagnetics			\$0.00	\$0.00	
Radiometrics			\$0.00	\$0.00	
Electromagnetics			\$0.00	\$0.00	
Gravity			\$0.00	\$0.00	
Digital terrain modelling			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Remote Sensing</b>	<b>Area in Hectares / Enter total invoiced amount or list personnel</b>				
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Ground Exploration Surveys</b>	<b>Area in Hectares/List Personnel</b>				
Geological mapping					
Regional			<i>note: expenditures here</i>		
Reconnaissance			<i>should be captured in Personnel</i>		
Prospect			<i>field expenditures above</i>		
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	<b>\$0.00</b>
<b>Ground geophysics</b>	<b>Line Kilometres / Enter total amount invoiced list personnel</b>				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	<i>note: expenditures for your crew in the field</i>				
SP/AP/EP	<i>should be captured above in Personnel</i>				
IP	<i>field expenditures above</i>				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				

Geophysical interpretation					
Petrophysics					
Other (specify)					
				\$0.00	\$0.00
<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Stream sediment		2.0	\$35.72	\$71.44	
Soil		537.0	\$34.03	\$18,274.11	
Rock		2.0	\$39.90	\$79.80	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$18,425.35	\$18,425.35
<b>Drilling</b>	<b>No. of Holes, Size of Core and Metres</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Diamond			\$0.00	\$0.00	
Reverse circulation (RC)			\$0.00	\$0.00	
Rotary air blast (RAB)			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
<b>Other Operations</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Trenching			\$0.00	\$0.00	
Bulk sampling			\$0.00	\$0.00	
Underground development			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
<b>Reclamation</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
After drilling			\$0.00	\$0.00	
Monitoring			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Airfare	Galloway Calg. To Kel. Return	1.00	\$322.49	\$322.49	
Taxi			\$0.00	\$0.00	
truck rental	16 truck days	16.00	\$115.00	\$1,840.00	
kilometers			\$0.00	\$0.00	
ATV	16 Dirtbike days	16.00	\$50.00	\$800.00	
fuel		1.00	\$314.68	\$314.68	
Helicopter (hours)			\$0.00	\$0.00	
Fuel (litres/hour)			\$0.00	\$0.00	
Other					
				\$3,277.17	\$3,277.17
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel	Lodge Inn Retreat	4.00	\$90.00	\$360.00	
Camp	Keefer Lake Resort	26.00	\$60.00	\$1,560.00	
Meals	Groceries	1.00	\$874.56	\$874.56	
				\$2,794.56	\$2,794.56
<b>Miscellaneous</b>					
Telephone	Calling Card	1.00	\$20.00	\$20.00	
Other (Specify)	Satellite Phone	35.00	\$1.49	\$52.15	
				\$72.15	\$72.15



<b>Equipment Rentals</b>					
Field Gear (Specify)	Sampling gear, health & safety	1.00	\$898.39	\$898.39	
Other (Specify)			\$0.00	\$0.00	
				\$898.39	<b>\$898.39</b>
<b>Freight, rock samples</b>					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b><i>TOTAL Expenditures</i></b>					<b>\$34,508.45</b>

## **APPENDIX D**

### **ALS Chemex Analytical Reports**



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESO URANIUM CORP.  
 408 - 1199 WEST PENDER ST.  
 VANCOUVER BC V6E 2R1

Page: 1  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

**CERTIFICATE VA10098976**

Project: Monashee  
 P.O. No.:  
 This report is for 280 Soil samples submitted to our lab in Vancouver, BC, Canada on 21-JUL-2010.  
 The following have access to data associated with this certificate:

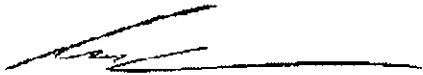
BEN AINSWORTH GARRETT AINSWORTH	GARRETT AINSWORTH	BEN AINSWORTH
------------------------------------	-------------------	---------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: ESO URANIUM CORP.  
 ATTN: GARRETT AINSWORTH  
 408 - 1199 WEST PENDER ST.  
 VANCOUVER BC V6E 2R1

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
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To: ESO URANIUM CORP.  
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 VANCOUVER BC V6E 2R1

Page: 2 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992000		0.36	0.011	<0.5	7.79	77	690	1.2	2	1.22	1.0	18	62	95	4.29	10
J992001		0.34	0.006	0.5	7.23	130	780	1.3	<2	1.59	1.0	21	85	120	4.54	10
J992002		0.44	0.007	<0.5	7.87	46	740	1.3	<2	0.76	0.8	22	90	56	5.05	20
J992003		0.36	<0.001	0.8	7.71	31	900	1.3	2	0.82	1.3	13	75	35	4.50	20
J992004		0.36	0.004	2.0	8.27	40	920	1.5	<2	1.14	1.8	16	95	60	4.67	20
J992005		0.36	<0.001	0.5	7.81	27	860	1.4	<2	0.88	0.7	13	73	28	4.07	20
J992006		0.42	0.001	0.5	8.26	38	930	1.4	<2	0.75	0.8	16	91	50	4.64	20
J992007		0.40	0.009	0.6	7.37	29	1200	1.3	<2	0.96	0.9	18	106	54	4.53	10
J992008		0.46	0.043	0.8	7.81	51	1080	1.3	<2	1.58	1.7	17	112	68	4.64	10
J992009		0.34	0.010	1.2	8.60	38	930	1.5	<2	1.23	2.0	18	97	64	4.63	20
J992010		0.28	0.010	0.8	8.30	43	730	1.6	<2	0.77	1.1	17	86	55	3.84	20
J992011		0.44	0.041	1.0	7.50	31	1210	1.2	<2	1.37	1.7	18	140	71	4.67	10
J992012		0.30	<0.001	1.4	8.21	20	830	1.6	<2	1.79	1.7	12	71	50	3.88	10
J992013		0.26	0.011	2.6	8.22	32	980	1.5	<2	1.83	3.5	16	110	85	4.34	20
J992014		0.36	0.001	<0.5	7.84	34	1290	1.5	<2	0.89	0.9	15	109	47	4.42	20
J992015		0.34	0.006	2.0	7.18	30	1260	1.2	<2	0.67	0.8	11	121	33	3.83	10
J992016		0.28	0.005	1.7	7.83	27	1030	1.5	<2	2.00	2.4	13	96	59	3.40	10
J992017		0.32	0.001	0.5	7.57	33	1450	1.4	<2	1.27	1.8	15	144	53	4.41	10
J992018		0.26	0.005	0.9	7.17	22	1440	1.3	<2	0.78	1.1	18	264	41	4.11	10
J992019		0.26	0.012	1.1	7.96	13	1110	1.5	<2	1.78	1.9	10	80	48	2.99	10
J992020		0.28	0.001	2.1	8.43	10	1050	1.6	2	1.41	4.3	11	84	55	3.41	20
J992021		0.32	0.013	0.9	7.45	22	1280	1.3	<2	0.59	0.9	15	118	46	4.20	10
J992022		0.30	0.004	1.3	6.57	13	1420	1.1	<2	0.46	0.8	15	137	53	4.32	10
J992023		0.14	<0.001	1.5	5.76	15	1490	1.1	<2	2.45	5.0	13	148	81	3.21	10
J992024		0.18	0.001	0.7	6.88	24	1330	1.1	<2	1.32	2.6	20	205	68	4.46	10
J992025		0.22	0.011	0.9	7.23	25	3020	1.3	<2	0.68	1.3	18	226	65	4.56	10
J992026		0.20	0.006	2.1	7.36	34	1410	1.3	<2	0.94	2.5	17	138	70	4.20	10
J992027		0.16	<0.001	0.7	6.91	20	1190	1.3	<2	1.39	1.4	15	140	44	3.96	10
J992028		0.20	0.003	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
J992029		0.18	0.001	1.6	6.28	14	1320	1.1	<2	2.07	2.2	12	167	73	3.27	10
J992030		0.24	<0.001	1.2	7.00	14	1490	1.3	<2	1.59	2.3	11	166	87	3.37	10
J992031		0.18	0.004	1.1	7.43	18	1020	1.4	<2	2.08	2.2	12	101	48	3.26	10
J992032		0.16	<0.001	1.4	7.60	13	1010	1.5	<2	2.29	3.3	11	93	70	3.17	10
J992033		0.20	0.001	1.2	7.42	21	1370	1.3	<2	1.74	2.1	20	155	44	4.51	10
J992034		0.28	0.008	0.9	6.86	37	1400	1.1	<2	0.94	1.2	17	148	48	4.19	10
J992035		0.20	0.001	1.6	7.20	26	960	1.2	<2	1.91	2.5	14	96	58	3.35	10
J992036		0.30	0.001	2.2	8.00	8	910	1.4	<2	1.90	1.5	11	69	29	2.88	20
J992037		0.34	0.005	2.1	7.40	35	1480	1.3	<2	0.66	1.3	17	150	45	4.35	20
J992038		0.30	0.002	0.8	7.31	13	2030	1.3	2	0.81	1.2	17	202	45	4.02	20
J992039		0.24	0.001	1.2	7.76	11	1200	1.4	<2	0.92	1.2	15	150	48	3.84	20

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



ALS Canada Ltd.  
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 408 - 1199 WEST PENDER ST.  
 VANCOUVER BC V6E 2R1

Page: 2 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01
J992000		1.14	20	1.07	1445	1	1.46	25	1470	15	0.05	<5	14	238	<20	0.32
J992001		1.24	20	1.29	1675	1	1.46	35	1910	14	0.06	<5	17	261	<20	0.31
J992002		1.22	20	1.15	895	2	1.50	31	830	18	0.03	<5	13	218	<20	0.33
J992003		1.24	20	0.91	515	2	1.55	33	1120	14	0.02	<5	12	217	<20	0.35
J992004		1.26	30	1.07	744	2	1.49	55	920	18	0.03	<5	16	262	<20	0.33
J992005		1.23	20	0.91	388	2	1.63	31	660	13	0.02	<5	12	245	<20	0.34
J992006		1.23	20	1.00	515	2	1.73	48	880	16	0.03	<5	14	225	<20	0.32
J992007		1.66	30	1.34	824	2	1.60	68	1010	15	0.01	<5	18	235	<20	0.28
J992008		1.46	20	0.93	1220	1	1.66	96	1430	14	0.06	<5	18	331	<20	0.27
J992009		1.29	30	0.85	788	2	1.52	81	700	17	0.03	<5	18	274	<20	0.30
J992010		1.15	20	0.71	456	2	1.65	73	920	18	0.04	<5	11	201	<20	0.34
J992011		1.32	20	1.61	1260	2	1.55	95	1630	14	0.05	<5	20	270	<20	0.29
J992012		1.20	20	0.90	808	1	1.62	59	1290	19	0.06	<5	12	308	<20	0.36
J992013		1.16	20	1.05	1065	2	1.43	94	1300	20	0.06	<5	14	326	<20	0.35
J992014		1.70	20	1.44	599	2	1.66	74	1100	15	0.01	<5	16	235	<20	0.30
J992015		1.38	20	1.28	575	2	1.48	53	770	14	0.02	<5	13	198	<20	0.31
J992016		1.08	20	0.76	1025	1	1.65	71	1610	15	0.07	<5	12	345	<20	0.31
J992017		1.03	20	1.04	1205	2	1.58	107	1710	19	0.05	<5	13	262	<20	0.29
J992018		1.01	20	1.66	1310	1	1.44	106	1660	14	0.05	<5	12	160	<20	0.26
J992019		1.05	20	0.75	1310	1	1.76	68	1840	17	0.08	<5	10	322	<20	0.31
J992020		1.08	20	0.60	804	1	1.72	81	1640	14	0.06	<5	12	279	<20	0.29
J992021		1.13	20	1.06	538	2	1.75	87	1290	14	0.03	<5	11	174	<20	0.29
J992022		0.99	20	1.19	546	2	1.82	83	2200	15	0.03	<5	11	149	<20	0.24
J992023		0.99	20	1.08	3130	1	1.18	134	2300	12	0.11	<5	13	337	<20	0.25
J992024		1.09	20	1.74	1855	1	1.44	158	1680	12	0.07	<5	17	237	<20	0.27
J992025		1.60	20	1.32	927	2	1.64	124	1280	12	0.04	<5	16	154	<20	0.23
J992026		1.19	20	1.13	1155	1	1.63	110	1220	15	0.03	<5	16	205	<20	0.25
J992027		0.95	20	0.97	458	2	1.36	77	1000	17	0.05	<5	12	236	<20	0.31
J992028		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
J992029		0.92	20	1.07	1235	2	1.30	124	2200	12	0.12	<5	16	287	<20	0.26
J992030		1.11	20	1.19	1125	1	1.56	147	1470	13	0.07	<5	18	274	<20	0.28
J992031		1.00	20	0.77	1210	1	1.58	75	1640	15	0.09	<5	11	346	<20	0.30
J992032		1.12	20	0.78	1525	1	1.82	90	1680	15	0.07	<5	13	392	<20	0.32
J992033		1.27	20	1.24	1635	2	1.66	124	1310	18	0.05	<5	15	329	<20	0.32
J992034		1.40	20	1.45	671	<1	1.59	105	680	7	0.02	<5	17	234	<20	0.30
J992035		0.98	20	0.82	1140	<1	1.37	71	1980	12	0.09	<5	12	314	<20	0.29
J992036		1.05	20	0.57	1165	<1	1.60	53	1460	9	0.07	<5	10	335	<20	0.31
J992037		1.27	20	1.07	867	<1	1.70	96	1340	10	0.02	5	12	181	<20	0.29
J992038		1.43	20	0.82	471	<1	1.18	128	840	8	0.04	<5	15	171	<20	0.26
J992039		1.04	20	0.71	1265	<1	1.47	105	1700	9	0.05	<5	14	195	<20	0.30



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Page: 2 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
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Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		TI	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
J992000		<10	<10	106	<10	127
J992001		<10	10	125	<10	115
J992002		<10	10	133	<10	91
J992003		<10	10	121	<10	168
J992004		<10	10	136	<10	162
J992005		<10	10	123	<10	177
J992006		<10	10	130	<10	172
J992007		<10	10	156	<10	128
J992008		<10	10	133	<10	166
J992009		<10	10	127	<10	170
J992010		<10	10	84	<10	129
J992011		<10	10	150	<10	164
J992012		<10	10	96	<10	152
J992013		<10	10	110	<10	223
J992014		<10	10	152	<10	161
J992015		<10	10	137	<10	126
J992016		<10	10	77	<10	159
J992017		<10	10	112	<10	155
J992018		<10	10	103	<10	166
J992019		<10	10	65	<10	138
J992020		<10	10	82	<10	129
J992021		<10	20	113	<10	190
J992022		<10	10	118	<10	175
J992023		<10	10	92	<10	245
J992024		<10	10	133	<10	204
J992025		<10	10	165	<10	149
J992026		<10	10	114	<10	167
J992027		<10	10	109	<10	148
J992028		NSS	NSS	NSS	NSS	NSS
J992029		<10	10	93	<10	167
J992030		<10	10	99	<10	167
J992031		<10	10	75	<10	129
J992032		<10	10	67	<10	163
J992033		<10	10	116	<10	254
J992034		<10	<10	141	<10	145
J992035		<10	<10	84	<10	181
J992036		<10	<10	63	<10	149
J992037		<10	<10	112	<10	192
J992038		<10	<10	137	<10	190
J992039		<10	<10	93	<10	181

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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To: ESO URANIUM CORP.  
 408 - 1199 WEST PENDER ST.  
 VANCOUVER BC V6E 2R1

Page: 3 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VAI0098976**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992040		0.28	0.026	1.4	6.95	20	1310	1.2	<2	0.84	1.8	18	176	47	4.37	10
J992041		0.34	<0.001	1.0	7.57	20	1370	1.3	3	1.14	1.4	17	209	41	4.61	10
J992042		0.34	0.001	2.0	7.88	23	1050	1.3	<2	1.72	1.8	17	128	48	4.16	10
J992043		0.36	<0.001	1.2	7.51	15	1040	1.3	<2	0.72	0.8	14	98	30	3.86	20
J992044		0.40	<0.001	0.6	7.58	22	1210	1.2	<2	0.58	0.6	16	121	42	4.21	20
J992045		0.32	0.002	1.8	7.65	29	990	1.3	<2	0.72	1.4	20	109	59	4.84	20
J992046		0.36	<0.001	2.3	7.96	34	1060	1.4	<2	0.96	1.4	17	100	49	4.60	20
J992047		0.30	0.001	3.1	7.70	30	1040	1.4	<2	1.72	2.1	16	117	69	4.16	10
J992048		0.36	0.042	0.9	6.86	73	1170	0.8	<2	0.35	1.5	17	197	46	4.51	10
J992049		0.16	<0.001	1.3	4.85	22	380	1.1	<2	4.42	3.1	7	34	76	1.50	10
J992050		0.20	0.003	1.1	6.81	56	750	1.4	<2	1.67	2.0	12	70	35	3.01	10
J992051		0.24	<0.001	1.1	7.64	24	880	1.4	<2	1.14	1.4	13	68	29	3.50	20
J992052		0.28	NSS	0.9	7.49	85	1300	1.4	<2	1.34	1.5	19	82	54	5.26	20
J992053		0.24	<0.001	1.0	8.24	29	740	1.5	<2	1.20	1.2	12	44	27	3.31	20
J992054		0.22	0.004	2.0	7.57	86	900	1.4	<2	1.43	1.0	14	80	39	3.79	20
J992055		0.26	<0.001	0.7	7.07	31	840	1.3	<2	1.11	1.1	13	58	28	3.44	20
J992056		0.18	0.003	1.9	7.63	144	760	1.5	<2	1.87	2.8	15	81	59	3.85	20
J992057		0.24	0.001	1.2	7.10	371	910	1.5	<2	1.37	1.3	13	70	47	3.53	20
J992058		0.20	<0.001	1.3	8.28	44	780	1.5	<2	1.13	1.3	13	67	26	3.58	20
J992059		0.24	0.001	1.3	7.58	50	930	1.4	<2	1.37	1.2	16	69	40	3.99	20
J992060		0.26	0.004	0.9	8.10	75	1040	1.5	<2	1.54	1.5	17	69	50	4.21	20
J992061		0.24	0.008	0.9	7.69	100	1220	1.3	<2	1.81	1.4	18	90	51	4.65	20
J992062		0.30	0.013	0.7	7.38	108	1410	1.2	<2	1.96	0.9	16	139	55	4.31	10
J992063		0.30	0.013	0.7	7.05	268	1360	1.2	<2	1.95	1.2	22	167	75	5.00	20
J992064		0.28	0.023	1.5	7.33	146	1170	1.1	<2	1.62	1.2	21	124	60	4.53	10
J992065		0.24	0.027	1.1	7.62	156	1330	1.2	<2	2.02	1.5	23	197	71	5.11	10
J992066		0.20	<0.001	1.0	7.38	43	680	1.1	<2	1.09	0.9	14	76	36	4.38	20
J992067		0.22	<0.001	1.1	7.68	81	830	1.4	<2	1.12	0.9	15	69	48	4.26	20
J992068		0.26	<0.001	1.1	7.98	75	800	1.5	<2	1.08	1.3	15	52	37	3.71	20
J992069		0.26	0.023	1.1	7.62	42	770	1.3	<2	1.02	1.5	20	62	41	3.95	20
J992070		0.30	0.004	<0.5	7.40	20	980	1.6	<2	0.92	0.8	12	71	36	3.64	20
J992071		0.22	0.001	0.6	7.53	21	770	1.4	<2	1.11	1.0	12	59	26	3.44	20
J992072		0.24	<0.001	<0.5	7.76	25	570	1.0	<2	1.07	0.7	16	56	32	3.81	20
J992073		0.22	<0.001	0.9	7.94	21	660	1.4	<2	1.04	1.5	11	49	30	3.36	20
J992074		0.28	0.005	1.4	7.57	14	1160	1.3	<2	0.97	1.4	14	67	60	4.33	20
J992075		0.24	0.002	1.0	7.66	22	720	1.2	<2	0.99	1.6	15	67	38	3.80	20
J992076		0.20	<0.001	1.2	7.88	12	640	1.4	<2	1.02	1.2	10	38	24	3.05	20
J992077		0.30	<0.001	<0.5	7.61	18	600	1.3	<2	0.92	0.8	12	48	26	3.14	20
J992078		0.32	<0.001	0.5	8.05	17	710	1.4	<2	1.02	0.6	10	48	27	3.30	20
J992079		0.24	<0.001	<0.5	7.48	11	710	1.3	<2	1.07	<0.5	11	48	23	3.17	20



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Page: 3 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
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 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VAI0098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01
J992040		1.06	20	0.89	1110	<1	1.52	130	1270	15	0.03	<5	14	186	<20	0.26
J992041		1.16	20	0.69	1140	1	1.49	93	1080	10	0.03	6	12	231	<20	0.32
J992042		1.04	20	0.83	930	<1	1.59	110	1220	9	0.06	<5	15	303	<20	0.29
J992043		1.42	20	1.16	432	<1	1.62	49	700	6	0.01	<5	13	200	<20	0.32
J992044		1.47	20	1.44	403	<1	1.49	68	740	5	0.01	<5	14	175	<20	0.28
J992045		1.22	20	1.14	673	1	1.43	82	1100	12	0.03	<5	14	189	<20	0.30
J992046		1.51	20	1.27	703	<1	1.29	64	870	8	0.02	<5	15	219	<20	0.34
J992047		1.21	20	1.15	1160	1	1.26	79	2160	11	0.08	5	17	297	<20	0.31
J992048		1.22	20	1.62	439	<1	1.55	127	570	4	0.03	5	17	151	<20	0.25
J992049		0.46	10	0.33	1740	<1	0.74	46	3600	7	0.23	<5	8	463	<20	0.15
J992050		1.25	30	0.84	784	1	1.45	53	870	10	0.04	5	12	312	<20	0.29
J992051		1.47	20	0.97	777	1	1.52	41	1040	9	0.02	<5	12	251	<20	0.34
J992052		1.75	20	1.29	946	3	1.15	61	1120	7	0.01	7	15	403	<20	0.34
J992053		1.36	20	0.67	945	1	1.79	21	1830	10	0.02	<5	10	272	<20	0.35
J992054		1.36	30	1.10	673	1	1.48	40	1050	7	0.02	<5	14	302	<20	0.34
J992055		1.39	20	0.80	738	2	1.52	24	770	10	0.02	<5	11	245	<20	0.35
J992056		1.22	20	1.00	850	1	1.35	57	1480	11	0.07	<5	13	321	<20	0.30
J992057		1.50	30	1.04	664	1	1.31	45	900	13	0.02	<5	12	260	<20	0.29
J992058		1.39	20	0.90	700	1	1.66	61	1610	11	0.02	<5	11	267	<20	0.37
J992059		1.34	20	1.11	620	1	1.46	54	1090	10	0.02	7	13	340	<20	0.35
J992060		1.49	30	1.29	563	<1	1.69	53	1010	9	0.01	<5	14	379	<20	0.36
J992061		1.52	20	1.47	587	1	1.56	63	1070	7	0.02	5	15	504	<20	0.39
J992062		1.59	10	1.88	439	<1	1.50	77	860	4	0.01	7	15	552	<20	0.40
J992063		1.62	20	2.13	768	1	1.29	90	1560	3	0.02	<5	18	525	<20	0.38
J992064		1.48	20	1.79	920	1	1.62	68	1590	8	0.02	<5	16	439	<20	0.34
J992065		1.44	10	2.42	689	1	1.41	101	2040	13	0.02	12	17	494	<20	0.37
J992066		1.27	20	1.33	688	1	1.92	29	1500	6	0.03	<5	13	275	<20	0.35
J992067		1.41	20	1.11	689	2	1.57	46	1580	14	0.03	<5	12	270	<20	0.36
J992068		1.26	20	0.89	667	<1	1.65	37	1290	13	0.03	<5	11	276	<20	0.35
J992069		1.28	20	1.00	744	<1	1.59	46	1030	11	0.02	6	12	261	<20	0.35
J992070		1.75	40	1.15	402	2	1.44	40	490	13	0.01	<5	13	243	<20	0.38
J992071		1.34	30	0.89	954	2	1.67	27	900	12	0.02	<5	11	258	<20	0.37
J992072		1.14	20	1.35	593	2	2.10	26	770	9	0.02	<5	13	262	<20	0.36
J992073		1.29	30	0.88	604	2	1.82	29	1090	11	0.02	<5	11	259	<20	0.36
J992074		1.20	20	1.28	406	3	1.50	60	990	10	0.02	6	16	486	<20	0.42
J992075		1.16	20	1.25	795	1	1.82	35	840	8	0.02	<5	13	258	<20	0.35
J992076		1.23	30	0.66	673	2	1.78	19	1590	10	0.03	<5	9	243	<20	0.35
J992077		1.22	20	0.85	750	2	1.86	21	1140	10	0.03	<5	10	234	<20	0.35
J992078		1.38	30	0.87	492	1	1.87	24	1300	12	0.02	<5	11	254	<20	0.36
J992079		1.31	20	0.81	564	<1	1.78	19	980	12	0.02	<5	10	253	<20	0.36

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





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Page: 3 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ti	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
J992040		<10	<10	108	<10	172
J992041		<10	<10	113	<10	151
J992042		<10	<10	100	<10	146
J992043		<10	<10	134	<10	145
J992044		<10	<10	152	<10	150
J992045		<10	<10	129	<10	163
J992046		<10	<10	147	<10	173
J992047		<10	<10	120	<10	171
J992048		<10	<10	158	<10	155
J992049		<10	<10	29	<10	83
J992050		<10	<10	94	<10	113
J992051		<10	<10	111	<10	173
J992052		<10	<10	139	<10	195
J992053		<10	<10	81	<10	155
J992054		<10	<10	125	<10	137
J992055		<10	<10	110	<10	138
J992056		<10	<10	108	<10	142
J992057		<10	<10	114	<10	104
J992058		<10	<10	93	<10	192
J992059		<10	<10	120	<10	195
J992060		<10	<10	125	<10	170
J992061		<10	<10	155	<10	195
J992062		<10	<10	161	<10	129
J992063		<10	<10	172	<10	154
J992064		<10	<10	155	<10	139
J992065		<10	<10	172	<10	178
J992066		<10	<10	123	<10	114
J992067		<10	<10	114	<10	168
J992068		<10	<10	95	<10	185
J992069		<10	<10	107	<10	194
J992070		<10	<10	122	10	132
J992071		<10	10	96	<10	137
J992072		<10	10	116	<10	105
J992073		<10	10	88	<10	152
J992074		<10	10	155	<10	258
J992075		<10	10	109	<10	157
J992076		<10	10	74	<10	122
J992077		<10	10	84	<10	90
J992078		<10	10	92	<10	91
J992079		<10	<10	94	<10	98

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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
J992080		0.28	<0.001	0.5	7.02	10	810	1.4	<2	1.14	<0.5	12	62	27	3.28	20
J992081		0.30	0.002	<0.5	7.33	16	600	0.9	<2	0.86	0.5	15	69	41	3.55	20
J992082		0.26	0.005	0.6	7.69	25	680	1.0	<2	0.98	0.7	18	75	40	3.94	20
J992083		0.24	0.006	0.5	8.19	21	620	1.0	<2	1.09	0.5	18	79	40	4.02	20
J992084		0.34	<0.001	0.6	7.90	24	700	1.2	<2	1.00	<0.5	17	80	49	3.94	20
J992085		0.20	<0.001	0.8	8.32	20	570	1.5	<2	1.43	0.7	18	82	56	4.01	20
J992086		0.22	0.001	<0.5	7.66	22	730	1.2	<2	1.04	0.6	19	89	51	3.91	20
J992087		0.32	<0.001	<0.5	7.22	13	680	1.2	<2	1.36	0.5	20	144	42	3.95	20
J992088		0.28	<0.001	<0.5	7.05	15	770	1.4	<2	1.21	0.5	13	91	39	3.60	20
J992089		0.28	<0.001	<0.5	6.64	11	740	1.1	<2	1.66	0.7	30	300	67	5.33	20
J992090		0.24	<0.001	<0.5	7.45	18	600	1.2	<2	0.99	<0.5	16	66	39	3.90	20
J992091		0.22	<0.001	<0.5	7.28	18	660	1.3	<2	1.00	0.5	14	64	37	3.67	20
J992092		0.26	<0.001	0.5	7.43	10	620	1.4	<2	0.99	0.5	12	46	30	3.20	20
J992093		0.26	<0.001	<0.5	6.81	12	680	1.2	<2	1.10	<0.5	12	62	33	3.25	20
J992094		0.22	0.004	<0.5	7.71	19	570	1.2	<2	1.48	0.9	18	95	50	3.86	20
J992095		0.26	0.021	<0.5	7.06	16	690	1.2	<2	0.98	0.5	16	80	32	3.88	20
J992096		0.20	<0.001	0.5	7.36	13	650	1.3	<2	1.08	<0.5	15	71	38	3.67	20
J992097		0.28	<0.001	<0.5	7.89	13	740	1.5	<2	1.21	0.5	20	64	81	4.35	20
J992098		0.24	<0.001	<0.5	8.15	42	900	1.4	<2	0.93	0.8	40	118	126	5.55	20
J992099		0.20	<0.001	<0.5	6.80	6	720	1.2	<2	1.02	0.6	10	59	23	3.43	20
J992100		0.24	<0.001	<0.5	6.80	23	810	1.3	<2	0.89	0.7	13	72	32	3.63	20
J992101		0.36	0.004	<0.5	6.67	25	530	0.9	<2	0.45	2.6	26	54	106	5.04	10
J992102		0.26	0.010	0.5	7.02	65	840	1.2	<2	0.97	0.5	14	69	42	4.17	20
J992103		0.30	0.005	<0.5	7.94	61	620	1.2	<2	0.88	0.7	12	41	45	3.66	20
J992104		0.26	<0.001	0.8	7.98	17	740	1.5	<2	1.02	0.9	13	51	31	3.48	20
J992105		0.24	0.001	<0.5	6.97	33	780	1.5	<2	1.21	1.6	15	66	34	3.83	20
J992106		0.24	0.006	0.7	7.68	43	870	1.5	<2	1.20	1.2	12	66	52	3.83	20
J992107		0.20	0.008	0.8	7.43	85	830	1.4	<2	1.19	1.2	12	68	40	3.71	20
J992108		0.22	0.003	1.0	8.13	46	710	1.6	<2	2.03	2.4	19	110	61	4.02	20
J992109		0.22	0.001	0.8	7.81	33	900	1.5	<2	1.17	1.2	11	65	39	3.87	20
J992110		0.24	<0.001	0.8	8.62	34	910	1.6	<2	1.07	1.2	14	65	46	4.04	20
J992111		0.28	<0.001	0.8	8.01	34	970	1.6	<2	1.17	1.0	16	81	46	3.98	20
J992112		0.24	<0.001	0.8	8.28	38	890	1.6	<2	1.31	1.3	19	61	40	3.90	20
J992113		0.28	0.008	1.0	7.90	30	970	1.6	<2	1.40	1.1	17	73	54	4.47	20
J992114		0.22	<0.001	<0.5	7.85	190	920	1.6	<2	1.39	1.3	19	70	43	4.48	20
J992115		0.32	0.002	0.5	7.71	50	1030	1.6	<2	1.58	1.7	23	68	57	5.57	20
J992116		0.30	0.014	<0.5	7.70	114	1030	1.5	<2	1.38	1.7	21	71	62	5.02	20
J992117		0.34	0.005	<0.5	8.10	109	1110	1.6	<2	1.34	1.2	21	78	93	5.45	20
J992118		0.32	0.007	0.7	8.52	63	970	1.4	<2	1.42	1.1	20	58	51	4.71	20
J992119		0.32	0.024	1.1	8.10	150	1280	1.6	<2	1.67	1.7	23	76	91	6.31	20



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 VANCOUVER BC V6E 2R1

Page: 4 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01
J992080		1.35	30	0.93	512	<1	1.54	29	910	13	0.01	<5	11	249	<20	0.35
J992081		1.09	10	1.44	507	<1	2.13	26	730	8	0.02	<5	13	230	<20	0.31
J992082		1.09	10	1.48	615	<1	2.02	28	940	8	0.03	<5	13	239	<20	0.34
J992083		1.12	10	1.50	852	<1	2.34	29	810	7	0.02	<5	13	260	<20	0.37
J992084		1.19	10	1.08	586	<1	1.76	34	900	12	0.02	<5	12	233	<20	0.35
J992085		1.11	20	1.05	696	<1	1.60	35	970	14	0.03	<5	11	254	<20	0.38
J992086		1.19	20	1.19	766	<1	1.68	38	930	10	0.02	<5	12	234	<20	0.34
J992087		1.17	20	1.75	699	<1	1.70	51	850	11	0.02	<5	12	250	<20	0.33
J992088		1.35	20	1.34	550	<1	1.57	36	910	9	0.01	<5	12	247	<20	0.34
J992089		1.15	20	3.35	968	<1	1.41	90	1080	12	0.02	<5	17	222	<20	0.35
J992090		1.14	20	1.22	747	<1	1.86	27	840	13	0.02	<5	12	235	<20	0.37
J992091		1.20	20	1.14	547	<1	1.86	26	780	13	0.02	<5	11	238	<20	0.36
J992092		1.19	20	0.80	562	<1	1.78	19	1130	14	0.02	<5	10	235	<20	0.35
J992093		1.23	20	1.00	799	<1	1.67	26	1030	11	0.01	<5	11	243	<20	0.33
J992094		1.10	20	1.35	2050	<1	1.74	30	920	14	0.04	<5	13	245	<20	0.37
J992095		1.23	20	1.29	712	<1	1.62	29	760	13	0.02	<5	12	225	<20	0.36
J992096		1.15	20	1.05	748	<1	1.60	28	1160	12	0.02	<5	11	229	<20	0.36
J992097		1.22	20	1.24	1005	<1	1.60	28	880	13	0.02	<5	14	261	<20	0.37
J992098		1.31	20	1.59	1650	1	1.35	75	1620	17	0.03	<5	15	210	<20	0.33
J992099		1.25	20	0.91	848	<1	1.66	21	1250	14	0.02	<5	10	233	<20	0.36
J992100		1.26	20	1.10	653	<1	1.55	31	1140	13	0.02	<5	11	222	<20	0.36
J992101		0.76	10	1.24	1455	4	1.23	54	1050	13	0.03	<5	13	182	<20	0.27
J992102		1.13	10	1.12	600	<1	1.53	34	1200	9	0.02	<5	12	268	<20	0.34
J992103		1.03	10	0.99	630	2	1.81	20	1100	8	0.03	<5	10	227	<20	0.33
J992104		1.33	20	0.72	1025	<1	1.70	23	1330	14	0.03	<5	10	244	<20	0.38
J992105		1.24	30	0.90	1225	1	1.43	36	1180	14	0.03	<5	11	262	<20	0.38
J992106		1.41	20	0.95	1260	4	1.64	50	1510	36	0.03	<5	11	270	<20	0.39
J992107		1.30	20	0.99	544	2	1.56	38	1100	14	0.02	<5	12	284	<20	0.36
J992108		1.19	30	1.19	1595	1	1.45	108	1730	13	0.05	<5	13	317	<20	0.37
J992109		1.48	30	0.94	722	1	1.62	35	1100	16	0.02	<5	12	302	<20	0.37
J992110		1.47	20	0.93	1090	1	1.65	51	1750	16	0.03	<5	12	240	<20	0.38
J992111		1.59	30	1.19	673	<1	1.58	52	1220	12	0.02	<5	13	267	<20	0.37
J992112		1.39	20	0.93	1040	1	1.79	43	1520	13	0.02	<5	11	320	<20	0.38
J992113		1.48	30	1.18	625	1	1.47	52	960	15	0.02	<5	13	324	<20	0.37
J992114		1.32	20	1.07	1015	1	1.56	51	1400	17	0.02	<5	12	330	<20	0.40
J992115		1.32	20	1.20	1110	2	1.61	66	1180	16	0.02	<5	13	462	<20	0.41
J992116		1.38	20	1.20	937	1	1.50	69	1200	14	0.02	<5	14	365	<20	0.42
J992117		1.46	20	1.68	611	1	1.48	77	990	14	0.02	<5	17	367	<20	0.43
J992118		1.27	20	1.60	576	1	1.82	42	820	11	0.02	<5	15	329	<20	0.43
J992119		1.41	20	1.82	800	2	1.43	80	1080	11	0.02	6	17	480	<20	0.45



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Page: 4 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
J992080		<10	10	101	<10	99
J992081		<10	10	112	<10	78
J992082		<10	<10	122	<10	102
J992083		<10	<10	117	<10	91
J992084		<10	10	113	<10	110
J992085		<10	<10	92	<10	120
J992086		<10	10	115	<10	111
J992087		<10	10	106	<10	86
J992088		<10	<10	112	<10	86
J992089		<10	<10	137	<10	91
J992090		<10	10	110	<10	91
J992091		<10	10	107	<10	92
J992092		<10	10	83	<10	93
J992093		<10	10	94	<10	86
J992094		<10	<10	108	<10	97
J992095		<10	<10	114	<10	98
J992096		<10	10	96	<10	112
J992097		<10	10	115	<10	107
J992098		<10	10	129	<10	130
J992099		<10	10	102	<10	97
J992100		<10	10	115	<10	125
J992101		<10	10	134	<10	194
J992102		<10	10	123	<10	152
J992103		<10	10	99	<10	116
J992104		<10	<10	89	<10	142
J992105		<10	<10	106	<10	169
J992106		<10	10	109	<10	196
J992107		<10	<10	108	<10	144
J992108		<10	<10	106	<10	177
J992109		<10	<10	117	<10	155
J992110		<10	<10	109	<10	158
J992111		<10	<10	122	<10	133
J992112		<10	10	106	<10	160
J992113		<10	<10	133	<10	166
J992114		<10	<10	123	<10	226
J992115		<10	10	143	<10	288
J992116		<10	10	148	<10	285
J992117		<10	<10	182	<10	218
J992118		<10	10	154	<10	172
J992119		<10	<10	206	<10	262

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



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Page: 5 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992120		0.28	0.004	0.9	7.56	74	960	1.4	<2	1.55	2.4	19	62	65	5.12	20
J992121		0.24	0.003	0.5	6.91	67	1070	1.3	<2	1.90	2.2	21	81	59	5.59	20
J992122		0.32	0.008	0.9	7.32	116	1420	1.3	<2	2.57	1.6	24	165	79	5.64	20
J992123		0.30	0.057	0.7	7.67	108	820	1.4	<2	1.11	1.3	13	69	53	4.44	20
J992124		0.28	0.038	0.9	7.84	164	860	1.3	<2	1.50	1.4	19	59	55	5.08	20
J992125		0.22	0.307	<0.5	7.77	88	1000	1.4	<2	1.88	1.1	16	71	38	4.69	20
J992126		0.26	0.004	0.5	7.64	37	860	1.5	<2	1.03	0.8	11	60	27	4.01	20
J992127		0.22	0.013	0.9	7.58	206	950	1.3	<2	1.29	1.0	18	74	58	5.35	20
J992128		0.28	0.035	1.2	8.33	181	1050	1.4	<2	1.49	2.2	28	78	118	6.43	20
J992129		0.28	0.014	0.6	7.85	98	1090	1.1	<2	1.11	1.1	18	88	48	4.96	20
J992130		0.32	0.005	0.7	7.60	64	1170	1.2	<2	1.39	1.5	21	85	77	5.56	20
J992131		0.24	0.008	1.3	6.65	22	1080	1.3	<2	2.00	3.8	27	66	90	6.06	20
J992132		0.22	0.005	1.2	6.71	30	1270	1.2	<2	1.71	3.1	21	64	67	5.58	20
J992133		0.22	<0.001	0.7	8.04	44	810	1.3	<2	1.07	0.8	15	63	32	3.99	20
J992134		0.22	0.004	0.7	7.87	82	1010	1.4	<2	0.91	0.7	16	83	39	4.30	20
J992135		0.24	0.007	0.8	7.87	98	970	1.2	<2	1.01	0.9	17	92	49	4.92	20
J992136		0.22	0.049	0.8	7.33	175	1410	1.3	<2	1.74	1.3	17	118	60	4.92	20
J992137		0.24	0.043	2.2	7.34	234	1580	1.2	<2	1.90	1.1	19	135	61	4.80	10
J992138		0.18	<0.001	0.9	8.06	72	850	1.3	<2	1.27	1.3	19	59	46	4.76	20
J992139		0.18	0.007	1.1	7.47	37	800	1.3	<2	1.36	1.2	19	56	45	4.79	20
J992140		0.20	0.008	0.5	8.01	39	840	1.5	<2	1.09	0.8	13	62	30	3.74	20
J992141		0.22	0.003	<0.5	7.23	37	880	1.3	<2	1.19	0.8	11	76	36	4.14	20
J992142		0.24	0.003	0.9	7.04	21	910	1.3	<2	1.39	1.7	15	60	43	4.26	10
J992143		0.18	0.003	0.5	7.69	52	1030	1.5	<2	0.98	0.9	15	95	54	4.28	20
J992144		0.18	0.001	1.1	7.65	24	880	1.5	<2	1.05	0.9	13	64	32	3.84	20
J992145		0.20	0.011	1.1	7.01	64	750	1.3	<2	1.00	0.9	11	66	29	3.58	20
J992146		0.30	0.011	0.6	7.57	34	770	1.4	<2	1.02	0.6	12	60	31	3.67	20
J992147		0.18	0.003	0.9	7.34	61	800	1.4	<2	1.21	1.0	12	70	30	3.73	20
J992148		0.24	0.011	0.8	6.94	64	830	1.3	<2	1.21	1.0	12	74	31	3.93	20
J992149		0.28	0.003	0.7	7.11	36	890	1.4	<2	1.22	1.0	16	73	62	4.72	20
J992150		0.26	0.005	1.3	7.12	40	860	1.5	<2	1.42	1.8	17	69	58	5.55	20
J992151		0.26	0.022	0.8	7.16	55	800	1.4	<2	1.28	1.5	15	73	47	4.37	20
J992152		0.30	0.010	3.3	5.28	73	990	1.9	<2	1.75	3.6	22	79	199	12.45	10
J992153		0.24	0.022	2.2	7.14	39	840	1.6	<2	1.40	2.5	18	79	79	5.69	20
J992154		0.30	0.003	1.1	7.41	65	870	1.6	<2	1.65	2.0	16	82	53	5.65	20
J992155		0.30	0.007	1.2	7.09	41	880	1.5	<2	1.31	1.6	18	90	58	4.99	20
J992156		0.30	0.021	1.0	7.54	131	860	1.5	<2	1.65	2.5	17	78	86	4.40	20
J992157		0.28	0.004	<0.5	7.89	13	670	1.5	<2	0.93	0.6	16	59	51	4.18	20
J992158		0.26	0.005	<0.5	7.12	14	610	1.2	<2	0.92	0.6	14	62	51	3.92	20
J992159		0.26	<0.001	<0.5	7.17	16	690	1.4	<2	1.13	0.7	15	66	59	3.83	20



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 VANCOUVER BC V6E 2R1

Page: 5 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

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**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01
J992120		1.17	20	1.23	1095	1	1.52	72	1650	10	0.04	<5	13	433	<20	0.39
J992121		1.24	20	1.41	1435	1	1.31	68	2920	14	0.04	<5	14	574	<20	0.40
J992122		1.69	20	2.26	877	1	1.32	81	1470	8	0.02	<5	18	723	<20	0.45
J992123		1.23	20	1.08	1030	2	1.55	42	1800	13	0.04	<5	12	321	<20	0.34
J992124		1.26	20	1.11	948	2	1.54	37	1800	11	0.04	<5	14	457	<20	0.39
J992125		1.31	20	1.19	805	2	1.67	40	1600	15	0.03	<5	13	562	<20	0.43
J992126		1.50	20	0.87	423	2	1.54	28	790	15	0.02	<5	11	247	<20	0.40
J992127		1.24	20	1.35	879	1	1.42	52	1620	13	0.02	<5	15	335	<20	0.40
J992128		1.31	20	1.73	688	1	1.47	98	1430	14	0.02	<5	20	416	<20	0.40
J992129		1.40	10	1.64	698	<1	1.73	38	1240	11	0.02	5	16	359	<20	0.40
J992130		1.22	20	1.78	494	1	1.59	77	840	11	0.01	<5	17	508	<20	0.40
J992131		1.05	20	1.64	937	1	1.32	134	1100	15	0.03	<5	15	671	<20	0.32
J992132		1.12	20	1.97	783	1	1.48	75	1140	11	0.03	<5	14	671	<20	0.36
J992133		1.27	20	0.99	607	<1	1.75	29	1400	11	0.03	<5	12	278	<20	0.38
J992134		1.40	20	1.12	558	<1	1.57	40	870	10	0.02	<5	14	268	<20	0.39
J992135		1.36	20	1.33	891	<1	1.55	39	1480	12	0.02	<5	16	301	<20	0.38
J992136		1.59	20	1.55	849	1	1.46	62	2010	16	0.02	10	16	518	<20	0.42
J992137		1.64	20	1.78	737	3	1.48	74	1490	17	0.02	<5	17	529	<20	0.41
J992138		1.17	20	1.47	753	1	1.60	42	1500	15	0.03	<5	14	287	<20	0.38
J992139		1.07	20	0.97	625	2	1.43	53	1600	15	0.04	<5	11	322	<20	0.33
J992140		1.37	20	0.87	527	1	1.71	28	1090	16	0.02	<5	11	263	<20	0.38
J992141		1.34	20	1.03	668	2	1.59	34	1320	15	0.03	<5	12	277	<20	0.38
J992142		1.15	20	1.01	1125	2	1.49	35	1340	18	0.03	<5	11	509	<20	0.36
J992143		1.46	20	1.23	570	2	1.37	58	1070	16	0.02	<5	14	246	<20	0.36
J992144		1.44	20	0.91	814	2	1.50	30	1220	16	0.02	<5	12	245	<20	0.39
J992145		1.27	20	0.80	664	2	1.46	25	1490	17	0.03	<5	11	227	<20	0.36
J992146		1.33	20	0.84	495	3	1.52	29	950	16	0.02	<5	11	241	<20	0.37
J992147		1.36	20	0.89	1045	3	1.65	29	1600	18	0.03	<5	10	272	<20	0.39
J992148		1.30	20	0.98	834	3	1.47	29	1470	17	0.03	<5	11	264	<20	0.38
J992149		1.39	20	1.04	702	4	1.33	43	1070	13	0.02	<5	12	355	<20	0.38
J992150		1.31	20	1.07	760	3	1.45	53	1200	16	0.03	<5	12	447	<20	0.39
J992151		1.26	20	1.25	615	4	1.42	48	1180	16	0.02	<5	12	331	<20	0.36
J992152		1.24	10	1.78	877	10	0.87	147	1740	14	0.04	<5	15	636	<20	0.25
J992153		1.24	20	1.03	1255	5	1.34	77	1380	17	0.04	<5	14	406	<20	0.37
J992154		1.30	20	1.22	682	5	1.41	67	1550	13	0.03	<5	13	448	<20	0.38
J992155		1.28	20	1.10	550	4	1.29	66	1250	16	0.03	<5	12	325	<20	0.36
J992156		1.22	20	1.08	1270	3	1.39	70	1250	16	0.04	<5	15	392	<20	0.39
J992157		1.33	20	1.11	667	2	1.53	31	900	16	0.02	<5	12	214	<20	0.36
J992158		1.18	20	1.12	774	1	1.54	26	1090	14	0.03	<5	11	207	<20	0.34
J992159		1.24	30	1.14	1210	1	1.50	31	1160	18	0.04	<5	12	222	<20	0.36



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Page: 5 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		TI	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
J992120		<10	<10	141	<10	276
J992121		<10	<10	152	<10	264
J992122		<10	<10	208	<10	203
J992123		<10	10	116	<10	150
J992124		<10	<10	136	<10	187
J992125		<10	10	142	<10	218
J992126		<10	<10	110	<10	159
J992127		<10	<10	157	<10	206
J992128		<10	<10	178	<10	267
J992129		<10	10	181	<10	136
J992130		<10	10	175	<10	226
J992131		<10	<10	141	<10	399
J992132		<10	10	157	<10	291
J992133		<10	10	111	<10	123
J992134		<10	10	143	<10	119
J992135		<10	<10	160	<10	135
J992136		<10	10	178	<10	168
J992137		<10	<10	191	<10	145
J992138		<10	10	133	<10	195
J992139		<10	10	116	<10	203
J992140		<10	<10	107	<10	151
J992141		<10	10	119	<10	145
J992142		<10	<10	100	<10	167
J992143		<10	<10	133	<10	155
J992144		<10	<10	113	<10	134
J992145		<10	<10	103	<10	123
J992146		<10	<10	104	<10	129
J992147		<10	<10	99	<10	153
J992148		<10	<10	116	<10	161
J992149		<10	<10	128	<10	173
J992150		<10	<10	142	<10	264
J992151		<10	<10	133	<10	205
J992152		<10	<10	208	<10	484
J992153		<10	<10	138	<10	346
J992154		<10	<10	229	<10	302
J992155		<10	<10	143	<10	239
J992156		<10	<10	123	<10	227
J992157		<10	<10	101	<10	105
J992158		<10	<10	104	<10	94
J992159		<10	<10	104	<10	112



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 VANCOUVER BC V6E 2R1

Page: 6 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992160		0.28	0.001	<0.5	7.82	11	570	1.3	<2	1.00	0.6	20	58	57	4.41	20
J992161		0.26	<0.001	<0.5	7.66	13	620	1.2	<2	0.94	<0.5	16	84	33	3.83	20
J992162		0.22	<0.001	0.6	7.55	16	610	1.5	<2	1.39	1.0	14	67	39	3.64	20
J992163		0.22	<0.001	<0.5	7.19	14	700	1.1	<2	1.28	1.1	27	188	57	5.70	20
J992164		0.26	<0.001	0.6	7.17	7	790	1.6	<2	1.20	0.7	14	74	29	3.68	20
J992165		0.28	0.002	<0.5	7.32	23	850	1.4	<2	0.83	1.0	16	70	37	4.45	20
J992166		0.24	<0.001	<0.5	8.07	19	590	1.0	<2	0.89	0.5	18	70	42	4.48	20
J992167		0.28	0.001	<0.5	8.01	10	550	1.0	<2	0.78	0.5	17	62	38	4.23	20
J992168		0.26	0.013	1.4	8.22	18	810	1.2	<2	0.73	1.4	19	60	63	4.81	20
J992169		0.24	0.002	<0.5	7.27	23	790	1.2	<2	0.95	0.7	14	69	32	3.74	20
J992170		0.22	0.003	<0.5	7.51	21	680	1.0	<2	0.87	0.5	13	69	32	4.08	20
J992171		0.22	0.008	0.8	7.47	139	840	1.4	<2	1.20	1.0	17	81	44	4.68	20
J992172		0.16	<0.001	1.2	7.60	28	760	1.4	<2	1.05	0.6	10	56	24	3.37	20
J992173		0.18	<0.001	0.6	7.44	51	850	1.4	<2	1.09	0.7	13	63	33	3.85	20
J992174		0.18	<0.001	0.9	7.09	135	880	1.2	<2	1.26	1.0	11	77	43	4.44	20
J992175		0.18	0.021	0.7	7.39	231	1260	1.2	<2	2.05	1.1	18	102	70	5.17	20
J992176		0.22	0.007	0.6	7.40	39	1060	1.2	<2	0.71	1.0	17	110	50	4.67	20
J992177		0.20	0.001	0.8	7.44	17	820	1.3	<2	0.87	0.8	11	78	31	3.72	20
J992178		0.22	0.004	<0.5	8.00	42	890	1.4	<2	0.89	0.8	12	79	50	4.08	20
J992179		0.18	0.014	0.9	7.57	50	840	1.4	2	1.02	0.8	12	70	39	3.98	20
J992180		0.20	0.004	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
J992181		0.28	0.006	<0.5	7.26	103	970	1.4	<2	1.21	1.0	16	81	45	4.67	20
J992182		0.22	0.010	<0.5	7.18	95	940	1.3	<2	1.07	0.7	12	79	46	4.68	20
J992183		0.24	0.004	0.7	7.61	114	1020	1.4	<2	1.12	0.7	14	84	46	4.55	20
J992184		0.20	0.012	<0.5	7.37	171	1290	1.3	<2	1.19	0.9	13	94	46	4.75	20
J992185		0.22	0.013	0.6	7.38	439	1170	1.4	<2	1.37	0.8	16	80	49	4.80	20
J992186		0.20	0.005	<0.5	8.21	64	1030	1.2	<2	1.45	1.1	17	52	47	4.92	20
J992187		0.20	0.008	1.1	7.91	21	770	1.5	<2	1.08	0.8	11	54	34	3.35	20
J992188		0.18	<0.001	0.9	6.52	23	760	1.3	<2	1.08	0.7	8	70	26	3.41	20
J992189		0.28	0.009	<0.5	7.13	42	920	1.4	<2	1.30	0.7	16	114	40	4.35	10
J992190		0.26	0.017	<0.5	7.01	18	740	1.3	<2	1.05	0.6	7	53	27	3.53	20
J992191		0.22	0.003	<0.5	7.76	40	820	1.5	<2	1.18	0.7	11	61	32	3.69	20
J992192		0.26	0.009	0.5	7.49	30	860	1.4	<2	1.34	1.0	14	65	41	4.31	20
J992193		0.22	<0.001	0.6	7.66	35	1140	1.5	<2	1.74	1.0	15	72	44	4.40	20
J992194		0.18	0.003	<0.5	7.19	34	890	1.4	<2	1.27	0.8	13	67	41	4.25	20
J992195		0.26	0.002	0.7	7.44	34	770	1.5	<2	1.18	1.1	13	62	46	4.44	20
J992196		0.24	<0.001	0.6	7.59	38	840	1.5	<2	1.26	1.0	13	65	37	4.22	20
J992197		0.24	0.004	<0.5	7.40	51	900	1.5	<2	1.24	1.1	12	65	42	4.24	20
J992198		0.24	0.001	<0.5	7.96	57	780	1.4	<2	1.18	0.7	12	62	51	3.97	20
J992199		0.24	<0.001	<0.5	7.49	33	830	1.4	<2	0.97	0.5	11	70	31	3.75	20





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Page: 6 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
J992160		1.23	20	1.12	849	1	1.57	27	730	15	0.02	<5	13	219	<20	0.37
J992161		1.30	20	1.46	553	1	1.95	33	790	10	0.02	<5	13	229	<20	0.39
J992162		1.17	20	1.02	1615	1	1.38	32	1330	17	0.04	<5	11	244	<20	0.36
J992163		1.38	10	2.30	1330	4	1.47	69	1220	10	0.03	<5	15	231	<20	0.32
J992164		1.35	20	1.02	605	2	1.45	33	1240	16	0.02	<5	11	237	<20	0.38
J992165		1.39	20	1.16	605	10	1.41	33	1330	15	0.02	<5	13	185	<20	0.35
J992166		1.22	10	1.72	573	1	2.08	28	630	9	0.02	<5	15	236	<20	0.39
J992167		1.20	10	1.55	609	1	2.13	25	840	10	0.02	<5	14	222	<20	0.38
J992168		1.19	20	1.03	861	3	1.74	35	1590	13	0.03	6	15	210	<20	0.33
J992169		1.24	20	1.04	420	1	1.54	29	1070	13	0.02	<5	12	238	<20	0.35
J992170		1.24	10	1.32	526	<1	1.87	24	910	11	0.02	<5	13	243	<20	0.37
J992171		1.27	20	1.19	683	2	1.34	41	1430	14	0.03	<5	14	271	<20	0.39
J992172		1.38	20	0.75	599	2	1.64	18	1430	16	0.03	<5	10	249	<20	0.39
J992173		1.30	20	0.95	1155	1	1.49	31	1400	17	0.02	5	12	280	<20	0.36
J992174		1.25	20	1.08	808	2	1.36	38	1380	12	0.03	<5	13	349	<20	0.36
J992175		1.54	20	1.47	610	3	1.26	61	1390	10	0.02	<5	17	571	<20	0.42
J992176		1.29	10	1.26	513	2	1.37	60	1270	12	0.02	<5	14	259	<20	0.37
J992177		1.35	20	0.92	532	2	1.43	33	1210	13	0.03	<5	11	223	<20	0.36
J992178		1.39	20	0.91	665	3	1.63	46	1200	22	0.03	<5	12	242	<20	0.30
J992179		1.31	20	0.85	725	3	1.58	33	1120	17	0.03	<5	12	272	<20	0.37
J992180		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
J992181		1.32	20	1.11	666	2	1.49	55	1230	16	0.02	<5	13	332	<20	0.35
J992182		1.30	20	0.97	714	2	1.45	39	2170	12	0.03	<5	13	275	<20	0.35
J992183		1.37	30	1.22	637	2	1.65	49	1260	16	0.02	<5	14	335	<20	0.37
J992184		1.41	20	1.19	643	2	1.56	58	970	16	0.02	<5	15	371	<20	0.38
J992185		1.26	20	1.20	747	2	1.59	61	1030	13	0.02	<5	14	371	<20	0.39
J992186		1.10	20	1.49	1330	2	1.94	29	1450	14	0.03	<5	16	341	<20	0.41
J992187		1.31	30	0.75	856	2	1.70	26	1210	17	0.03	<5	10	248	<20	0.28
J992188		1.28	20	0.83	706	2	1.52	25	1570	17	0.03	<5	10	234	<20	0.36
J992189		1.40	20	1.44	575	2	1.41	57	1350	13	0.02	<5	15	250	<20	0.36
J992190		1.31	20	0.68	541	2	1.61	19	1720	14	0.04	<5	10	241	<20	0.37
J992191		1.33	20	0.85	675	2	1.65	27	1230	16	0.03	<5	11	304	<20	0.37
J992192		1.26	20	0.84	1400	4	1.57	35	1320	16	0.03	<5	11	427	<20	0.38
J992193		1.41	20	1.00	1130	3	1.48	42	1360	18	0.03	<5	13	529	<20	0.40
J992194		1.29	20	0.98	749	2	1.55	37	1260	17	0.03	<5	12	487	<20	0.36
J992195		1.27	20	0.89	771	3	1.58	44	1120	18	0.03	<5	11	325	<20	0.37
J992196		1.28	20	0.94	765	2	1.57	39	1460	17	0.03	5	11	336	<20	0.38
J992197		1.31	20	0.93	923	3	1.56	39	1570	14	0.03	<5	12	340	<20	0.35
J992198		1.30	20	0.91	785	4	1.68	31	1170	16	0.03	<5	12	281	<20	0.38
J992199		1.36	20	0.89	642	2	1.59	30	1200	14	0.03	<5	11	236	<20	0.38

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



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Page: 6 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
J992160		<10	<10	110	<10	106
J992161		<10	<10	114	<10	95
J992162		<10	<10	94	<10	148
J992163		<10	<10	143	<10	115
J992164		<10	<10	104	<10	116
J992165		<10	<10	128	<10	113
J992166		<10	<10	143	<10	91
J992167		<10	<10	132	<10	87
J992168		<10	<10	143	<10	145
J992169		<10	<10	116	<10	108
J992170		<10	<10	125	<10	98
J992171		<10	<10	141	<10	165
J992172		<10	<10	97	<10	109
J992173		<10	<10	113	<10	171
J992174		<10	<10	129	<10	155
J992175		<10	<10	184	<10	186
J992176		<10	<10	153	<10	171
J992177		<10	<10	112	<10	129
J992178		<10	10	117	<10	164
J992179		<10	<10	112	<10	142
J992180		NSS	NSS	NSS	NSS	NSS
J992181		<10	10	133	<10	194
J992182		<10	10	132	<10	141
J992183		<10	10	143	<10	168
J992184		<10	10	157	<10	190
J992185		<10	10	143	<10	193
J992186		<10	10	155	<10	229
J992187		<10	10	90	<10	110
J992188		<10	10	101	<10	104
J992189		<10	10	140	<10	123
J992190		<10	10	91	<10	108
J992191		<10	10	98	<10	126
J992192		<10	10	126	<10	167
J992193		<10	10	151	<10	180
J992194		<10	10	117	<10	167
J992195		<10	10	111	<10	189
J992196		<10	10	112	<10	181
J992197		10	10	118	<10	165
J992198		<10	10	108	<10	135
J992199		<10	10	107	<10	127



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Page: 7 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	At-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992200		0.28	<0.001	<0.5	7.49	49	880	1.5	<2	1.28	0.9	13	73	48	4.26	20
J992201		0.28	0.008	<0.5	7.24	47	880	1.4	<2	1.24	0.6	14	103	44	4.15	10
J992202		0.24	0.003	<0.5	7.33	33	930	1.4	<2	1.38	<0.5	14	89	39	4.29	20
J992203		0.28	<0.001	0.6	7.84	38	770	1.4	<2	1.08	0.8	13	57	36	3.69	20
J992204		0.22	0.016	2.0	9.00	27	2630	1.6	<2	0.38	6.0	26	117	115	7.56	20
J992205		0.32	0.004	1.1	7.99	61	2330	1.2	<2	0.68	4.4	19	79	100	5.73	10
J992206		0.20	0.004	1.4	7.65	15	840	1.3	<2	0.85	1.3	11	62	42	4.05	20
J992207		0.20	0.006	<0.5	8.04	45	300	0.8	<2	1.57	0.5	40	60	151	6.23	20
J992208		0.22	<0.001	1.2	7.49	19	640	0.9	<2	0.58	1.0	24	56	95	6.31	20
J992209		0.20	0.001	<0.5	6.95	16	690	1.1	<2	0.97	1.4	31	224	85	6.26	10
J992210		0.24	<0.001	<0.5	6.93	12	870	1.1	<2	2.67	0.6	44	528	73	6.51	10
J992211		0.20	<0.001	<0.5	7.09	9	860	1.2	<2	2.13	0.7	33	390	54	5.66	10
J992212		0.24	<0.001	<0.5	7.74	13	650	1.2	<2	0.79	0.5	18	108	54	4.70	20
J992213		0.22	<0.001	<0.5	7.10	13	870	1.5	<2	1.04	<0.5	12	74	37	3.64	10
J992214		0.20	0.001	<0.5	7.85	12	650	1.4	<2	0.99	0.5	8	50	30	3.30	20
J992215		0.22	0.003	<0.5	7.36	17	760	1.6	<2	1.03	0.6	11	71	30	3.47	20
J992216		0.18	0.004	1.1	7.85	18	480	1.6	<2	1.77	1.6	10	41	86	3.02	20
J992217		0.24	0.006	0.5	7.28	28	640	1.5	<2	1.32	0.8	13	71	45	3.53	20
J992218		0.26	0.002	<0.5	6.96	19	650	1.3	<2	1.28	0.8	13	58	38	3.54	20
J992219		0.28	0.002	<0.5	7.65	19	640	1.4	<2	0.94	0.5	9	49	31	3.38	20
J992220		0.26	0.003	<0.5	7.72	16	640	1.4	<2	0.86	0.5	15	58	45	3.44	20
J992221		0.24	<0.001	<0.5	7.55	17	630	1.4	<2	1.07	0.6	10	51	34	3.73	30
J992222		0.26	0.001	<0.5	7.65	18	670	1.5	<2	0.98	0.6	11	61	32	3.62	20
J992223		0.22	0.005	<0.5	7.50	18	500	1.2	2	0.84	0.6	16	48	45	4.28	20
J992224		0.28	0.002	<0.5	8.29	15	580	1.2	<2	1.05	0.5	21	120	44	5.00	20
J992225		0.26	0.002	<0.5	6.96	23	720	1.1	<2	2.91	1.0	36	439	81	5.69	20
J992226		0.38	0.003	<0.5	7.19	64	420	0.9	<2	0.59	1.2	66	424	88	7.65	10
J992227		0.18	0.013	1.2	7.24	12	1140	1.0	<2	0.43	2.9	17	93	94	6.00	20
J992228		0.48	NSS	1.2	5.79	23	880	0.9	<2	8.17	7.7	46	108	146	9.25	10
J992229		0.20	0.007	<0.5	8.46	91	920	1.0	<2	0.47	1.4	32	175	122	7.20	20
J992230		0.20	0.007	0.6	7.53	34	1070	1.3	<2	0.54	1.8	12	79	54	4.54	20
J992231		0.20	0.003	<0.5	7.49	20	720	1.4	2	1.52	2.1	11	63	44	3.84	20
J992232		0.20	0.029	1.4	8.15	278	1100	1.2	<2	0.94	1.2	12	83	52	4.77	20
J992233		0.16	0.013	1.5	7.74	92	720	1.3	3	1.11	0.8	9	63	32	3.90	20
J992234		0.18	0.031	<0.5	7.95	262	800	1.4	<2	0.94	0.7	12	76	35	4.30	20
J992235		0.16	NSS	0.7	8.16	45	770	1.4	<2	0.90	0.8	11	89	34	4.03	20
J992236		0.18	0.004	0.7	7.99	44	860	1.3	<2	0.86	0.8	14	90	35	4.03	20
J992237		0.16	0.006	<0.5	7.68	39	930	1.2	<2	0.87	0.7	12	100	40	4.48	20
J992238		0.26	0.021	<0.5	8.27	66	930	1.3	3	1.06	0.8	17	105	44	4.69	20
J992239		0.24	0.004	0.8	7.74	75	840	1.3	<2	1.06	0.9	12	87	42	4.24	20



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 VANCOUVER BC V6E 2R1

Page: 7 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
J992200		1.27	30	1.00	1200	3	1.50	41	1360	14	0.03	<5	12	304	<20	0.36
J992201		1.33	20	1.25	630	2	1.44	48	1070	16	0.02	<5	13	271	<20	0.37
J992202		1.33	20	1.14	598	2	1.48	46	1090	17	0.02	<5	12	294	<20	0.38
J992203		1.21	20	0.89	694	2	1.71	31	1000	16	0.03	<5	11	269	<20	0.36
J992204		2.04	30	0.81	1240	11	0.89	117	1970	21	0.04	6	27	157	<20	0.21
J992205		1.73	30	0.62	896	9	1.17	70	1410	14	0.05	<5	26	185	<20	0.18
J992206		1.21	20	0.75	644	3	1.64	30	1420	14	0.03	<5	11	224	<20	0.34
J992207		0.29	10	2.26	1745	1	1.16	28	1910	10	0.05	<5	29	189	<20	0.40
J992208		0.88	10	1.94	1540	3	1.75	35	1870	9	0.03	<5	18	186	<20	0.38
J992209		0.81	20	2.75	2280	3	1.71	81	2220	22	0.04	<5	21	162	<20	0.31
J992210		0.99	10	5.90	1055	2	1.16	159	1110	12	0.01	<5	20	265	<20	0.36
J992211		1.01	20	4.14	1340	2	1.44	126	1510	16	0.02	<5	17	322	<20	0.35
J992212		1.66	20	1.32	744	2	1.59	43	820	14	0.02	<5	15	200	<20	0.36
J992213		1.45	30	1.15	520	2	1.41	35	720	14	0.02	<5	12	231	<20	0.35
J992214		1.36	30	0.71	501	2	1.65	20	1100	22	0.03	6	10	225	<20	0.36
J992215		1.47	30	0.97	536	2	1.42	32	810	16	0.02	<5	11	219	<20	0.35
J992216		0.97	30	0.64	1550	1	1.34	19	2540	18	0.11	<5	12	235	<20	0.34
J992217		1.27	30	0.86	1185	2	1.53	33	1170	19	0.04	<5	11	241	<20	0.37
J992218		1.21	30	0.89	781	2	1.36	24	1190	14	0.05	<5	11	229	<20	0.35
J992219		1.31	20	0.80	576	2	1.67	18	910	17	0.03	<5	10	218	<20	0.36
J992220		1.30	30	1.01	648	1	1.39	28	1150	14	0.03	<5	12	192	<20	0.34
J992221		1.36	30	0.88	875	2	1.67	20	1200	16	0.03	<5	11	237	<20	0.40
J992222		1.40	30	0.87	884	2	1.55	28	1170	17	0.03	<5	11	220	<20	0.38
J992223		1.34	20	0.76	1200	2	1.34	24	1310	17	0.05	<5	11	183	<20	0.36
J992224		1.37	20	1.11	968	2	1.78	54	1180	16	0.04	<5	14	233	<20	0.39
J992225		0.84	20	4.25	1985	2	1.26	140	1890	11	0.07	7	18	308	<20	0.35
J992226		0.66	10	3.55	2400	5	1.10	178	3420	11	0.03	<5	22	116	<20	0.23
J992227		0.92	50	1.67	844	3	1.73	82	2010	9	0.03	6	22	687	<20	0.34
J992228		1.01	40	1.57	1020	12	0.96	224	1030	15	0.11	10	19	697	<20	0.33
J992229		1.24	20	1.93	1130	5	1.39	76	1520	24	0.02	5	20	187	<20	0.26
J992230		1.23	20	0.70	556	7	1.34	44	1110	14	0.03	<5	14	177	<20	0.31
J992231		1.16	30	0.72	662	2	1.41	31	1170	19	0.04	<5	12	285	<20	0.35
J992232		1.37	20	0.99	468	3	1.37	41	1090	12	0.03	<5	15	253	<20	0.36
J992233		1.35	30	0.84	443	2	1.70	25	1230	17	0.03	<5	13	252	<20	0.42
J992234		1.34	30	0.96	651	3	1.52	39	980	15	0.03	7	12	227	<20	0.39
J992235		1.33	30	0.84	651	3	1.54	48	1090	17	0.03	<5	12	215	<20	0.37
J992236		1.39	20	0.95	513	3	1.65	42	1210	11	0.02	<5	13	227	<20	0.37
J992237		1.39	30	1.10	511	3	1.52	55	1040	16	0.02	7	14	238	<20	0.35
J992238		1.39	20	1.17	655	3	1.56	51	1070	14	0.02	<5	14	304	<20	0.36
J992239		1.36	20	0.93	785	4	1.53	46	1320	19	0.03	7	12	264	<20	0.38

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



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Page: 7 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		TI	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
J992200		<10	10	114	<10	155
J992201		<10	10	123	<10	139
J992202		<10	10	117	<10	161
J992203		<10	10	98	<10	137
J992204		<10	10	322	<10	433
J992205		<10	10	259	<10	290
J992206		<10	10	117	<10	190
J992207		<10	10	220	<10	100
J992208		<10	10	175	<10	174
J992209		<10	10	170	<10	142
J992210		<10	10	172	<10	95
J992211		<10	10	140	<10	119
J992212		<10	<10	127	<10	91
J992213		<10	10	110	<10	104
J992214		<10	<10	80	<10	90
J992215		<10	<10	97	<10	97
J992216		<10	<10	68	<10	100
J992217		<10	<10	92	<10	109
J992218		<10	<10	94	<10	97
J992219		<10	<10	86	<10	90
J992220		<10	<10	96	<10	109
J992221		<10	<10	93	<10	100
J992222		<10	<10	92	<10	97
J992223		<10	<10	89	<10	91
J992224		<10	<10	109	<10	117
J992225		<10	10	147	<10	127
J992226		<10	<10	183	10	159
J992227		<10	<10	185	<10	277
J992228		<10	<10	161	<10	555
J992229		<10	<10	199	<10	190
J992230		<10	<10	173	<10	248
J992231		<10	<10	100	<10	120
J992232		<10	10	161	<10	174
J992233		<10	<10	110	<10	113
J992234		<10	<10	118	<10	137
J992235		<10	<10	107	<10	141
J992236		<10	<10	121	<10	135
J992237		<10	<10	136	<10	152
J992238		<10	<10	140	<10	174
J992239		<10	<10	118	<10	157



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Page: 8 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
J992240		0.26	0.014	1.8	7.71	1600	660	1.5	2	1.17	1.4	15	70	73	4.19	10
J992241		0.26	0.014	<0.5	7.85	549	910	1.3	<2	1.13	0.7	14	88	46	4.56	20
J992242		0.30	0.026	<0.5	8.17	1420	1280	1.4	<2	2.22	0.8	18	84	67	5.54	20
J992243		0.26	0.011	<0.5	7.61	101	910	1.3	<2	0.88	0.7	13	126	45	4.40	20
J992244		0.28	0.012	<0.5	7.30	48	840	1.3	<2	1.07	0.7	11	100	30	3.58	20
J992245		0.26	0.009	<0.5	6.73	1110	740	1.2	<2	2.76	0.7	28	79	77	6.85	20
J992246		0.26	0.009	<0.5	7.67	765	840	1.4	2	1.03	0.7	15	96	51	4.82	20
J992247		0.28	0.014	<0.5	7.16	77	850	1.4	<2	0.96	0.6	11	83	41	3.81	20
J992248		0.18	0.008	0.5	7.30	122	780	1.3	<2	1.01	0.7	9	68	33	3.68	20
J992249		0.14	0.004	1.2	7.65	477	660	1.6	<2	7.61	2.2	12	59	53	3.55	20
J992250		0.18	0.017	0.7	6.89	934	1200	1.6	4	1.40	1.2	18	71	74	4.65	10
J992251		0.22	0.024	<0.5	6.91	322	840	1.3	<2	1.00	0.5	10	67	30	3.75	10
J992252		0.22	0.007	0.6	6.71	25	710	1.3	4	0.99	<0.5	11	58	28	3.71	20
J992253		0.22	0.006	0.6	6.85	194	1200	1.3	3	0.88	<0.5	13	79	38	4.23	10
J992254		0.18	0.005	1.2	6.99	54	770	1.3	2	1.02	0.5	10	54	30	3.39	10
J992255		0.20	0.001	<0.5	7.14	42	800	1.3	4	0.96	0.6	8	60	27	3.34	20
J992256		0.18	0.027	1.9	7.43	582	740	1.4	2	1.10	0.9	10	54	52	3.32	20
J992257		0.18	0.006	0.7	7.33	193	730	1.4	2	0.90	1.0	13	69	66	3.55	20
J992258		0.16	0.011	0.9	6.86	96	760	1.2	2	0.87	<0.5	8	62	27	3.42	20
J992259		0.22	0.003	<0.5	7.08	11	640	1.3	3	0.93	<0.5	8	42	21	3.18	20
J992260		0.20	0.001	<0.5	7.15	40	740	1.2	3	0.91	<0.5	9	51	21	3.28	20
J992261		0.24	0.002	0.6	7.25	60	820	1.3	5	0.98	<0.5	8	61	29	3.50	30
J992262		0.24	0.002	<0.5	7.38	159	620	1.2	3	0.88	0.6	11	48	27	3.75	20
J992263		0.26	0.002	0.7	6.86	17	760	1.2	<2	0.88	<0.5	7	61	23	3.45	20
J992264		0.24	0.001	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
J992265		0.28	0.008	0.5	7.44	59	830	1.3	3	1.00	<0.5	10	81	33	3.85	20
J992266		0.28	0.006	<0.5	7.15	48	810	1.4	<2	0.94	<0.5	10	73	28	3.33	20
J992267		0.26	0.006	0.7	7.04	1390	720	1.3	2	1.80	0.6	9	66	39	3.59	10
J992268		0.26	0.009	<0.5	7.02	1020	730	1.3	<2	1.56	<0.5	18	82	46	5.31	20
J992269		0.28	0.034	<0.5	7.33	38	860	1.4	<2	0.85	<0.5	12	71	29	3.67	20
J992270		0.22	0.005	<0.5	7.33	412	680	1.3	5	0.99	<0.5	6	52	26	3.50	20
J992271		0.24	0.007	<0.5	7.22	39	830	1.3	<2	0.90	<0.5	12	86	30	3.80	10
J992272		0.30	0.003	<0.5	7.46	29	540	1.4	<2	1.33	<0.5	23	46	52	5.49	20
J992273		0.24	0.002	0.7	8.16	24	460	1.6	2	1.41	0.6	14	35	82	3.32	20
J992274		0.32	0.011	1.3	8.09	35	540	2.0	<2	1.67	0.9	16	73	356	4.07	20
J992275		0.24	0.002	<0.5	7.17	20	700	1.4	2	1.05	<0.5	9	52	24	3.72	20
J992276		0.22	0.004	<0.5	6.23	20	520	1.1	2	1.24	0.5	11	35	45	3.50	20
J992277		0.20	0.002	<0.5	7.48	34	420	1.3	<2	1.41	<0.5	15	32	50	3.49	20
J992278		0.28	0.004	<0.5	7.21	16	530	1.3	6	1.28	<0.5	27	131	52	4.94	20
J992279		0.30	0.002	<0.5	6.09	7	500	0.9	3	3.45	<0.5	45	612	101	6.92	20



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Page: 8 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

CERTIFICATE OF ANALYSIS VA10098976

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		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
J992240		1.24	30	0.91	1560	4	1.28	41	2200	14	0.06	9	15	234	<20	0.34
J992241		1.42	20	1.15	664	4	1.49	42	1400	12	0.03	6	15	261	<20	0.38
J992242		1.62	20	1.35	777	7	1.52	44	1520	14	0.04	5	17	435	<20	0.44
J992243		1.44	30	1.05	480	3	1.37	66	1060	22	0.03	<5	14	220	<20	0.36
J992244		1.40	30	0.93	461	3	1.50	45	940	18	0.02	<5	12	251	<20	0.37
J992245		1.30	20	2.19	1225	5	1.28	25	2770	13	0.03	<5	29	258	<20	0.54
J992246		1.42	20	1.06	615	4	1.46	42	1430	16	0.03	<5	15	245	<20	0.38
J992247		1.49	30	1.06	433	3	1.39	44	870	14	0.02	<5	13	223	<20	0.36
J992248		1.45	30	0.79	494	5	1.60	29	1020	17	0.03	5	11	241	<20	0.39
J992249		1.21	20	0.82	1200	4	1.48	46	2280	15	0.08	6	13	290	<20	0.35
J992250		1.43	30	1.20	893	4	1.28	53	1340	20	0.04	5	15	347	<20	0.34
J992251		1.29	30	0.89	448	2	1.51	26	1000	13	0.02	<5	11	238	<20	0.33
J992252		1.21	30	0.84	576	1	1.44	25	1770	17	0.03	<5	10	216	<20	0.34
J992253		1.52	20	0.99	684	2	1.44	36	1440	12	0.02	<5	14	301	<20	0.32
J992254		1.26	20	0.77	725	2	1.63	20	1490	11	0.03	6	10	264	<20	0.34
J992255		1.37	20	0.85	864	2	1.57	25	1760	11	0.03	<5	10	229	<20	0.36
J992256		1.23	30	0.79	1145	3	1.55	47	1990	16	0.04	<5	11	258	<20	0.33
J992257		1.33	30	0.95	898	4	1.41	148	1430	17	0.04	<5	13	213	<20	0.33
J992258		1.23	20	0.80	487	1	1.55	22	1210	12	0.02	<5	10	221	<20	0.34
J992259		1.25	20	0.61	454	2	1.63	14	1250	13	0.02	<5	9	217	<20	0.35
J992260		1.36	30	0.72	492	1	1.56	18	1320	14	0.02	<5	9	213	<20	0.36
J992261		1.47	30	0.86	562	2	1.60	20	1520	15	0.02	<5	11	230	<20	0.37
J992262		1.26	20	0.61	779	2	1.54	20	1810	19	0.04	<5	9	204	<20	0.36
J992263		1.43	30	0.83	477	1	1.45	23	910	13	0.02	<5	10	208	<20	0.37
J992264		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
J992265		1.36	20	0.99	521	1	1.54	32	950	16	0.03	<5	12	229	<20	0.35
J992266		1.34	30	0.86	544	1	1.52	31	800	16	0.02	6	11	220	<20	0.33
J992267		1.12	20	0.97	630	2	1.37	33	1910	14	0.08	<5	12	285	<20	0.34
J992268		1.21	20	1.44	796	1	1.43	29	1930	13	0.02	<5	18	226	<20	0.42
J992269		1.39	20	1.02	682	1	1.47	33	1170	13	0.02	<5	12	220	<20	0.34
J992270		1.34	20	0.73	405	1	1.60	18	1410	15	0.03	<5	10	216	<20	0.36
J992271		1.32	20	1.01	410	1	1.35	34	900	14	0.02	5	12	205	<20	0.33
J992272		1.35	20	1.17	1475	1	1.51	26	1440	23	0.05	6	15	229	<20	0.35
J992273		0.99	30	0.64	1110	1	1.44	18	1650	20	0.07	<5	11	225	<20	0.35
J992274		1.06	50	1.01	1585	<1	1.29	44	2260	22	0.10	<5	31	228	<20	0.34
J992275		1.41	30	0.80	506	2	1.61	22	630	20	0.03	7	10	234	<20	0.38
J992276		1.03	20	0.77	1660	<1	1.33	19	1110	23	0.05	<5	11	202	<20	0.32
J992277		0.89	20	0.59	877	1	1.29	15	1390	18	0.06	<5	9	195	<20	0.32
J992278		1.11	20	1.56	1045	<1	1.43	48	960	14	0.03	<5	11	212	<20	0.37
J992279		0.89	20	7.04	1190	<1	0.83	181	1220	9	0.03	<5	18	255	<20	0.34



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Page: 8 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
J992240		<10	<10	108	<10	144
J992241		<10	<10	142	<10	141
J992242		<10	<10	184	10	168
J992243		<10	<10	134	<10	144
J992244		<10	<10	116	<10	131
J992245		<10	<10	264	<10	138
J992246		<10	<10	138	<10	134
J992247		<10	<10	124	<10	120
J992248		<10	<10	107	<10	104
J992249		<10	<10	90	<10	175
J992250		<10	<10	137	<10	195
J992251		<10	<10	106	<10	114
J992252		<10	<10	94	<10	111
J992253		<10	<10	141	<10	140
J992254		<10	<10	97	<10	140
J992255		<10	<10	98	<10	114
J992256		<10	<10	88	<10	167
J992257		<10	<10	98	<10	140
J992258		<10	<10	99	<10	91
J992259		<10	<10	76	10	91
J992260		<10	<10	88	<10	94
J992261		<10	<10	106	<10	93
J992262		<10	<10	81	<10	97
J992263		<10	<10	99	<10	93
J992264		NSS	NSS	NSS	NSS	NSS
J992265		<10	<10	113	<10	108
J992266		<10	<10	97	<10	126
J992267		<10	<10	108	<10	146
J992268		<10	<10	160	10	130
J992269		<10	<10	114	<10	116
J992270		<10	<10	97	<10	88
J992271		<10	<10	117	<10	119
J992272		10	<10	111	<10	116
J992273		<10	<10	66	<10	90
J992274		<10	<10	85	<10	120
J992275		<10	<10	92	<10	87
J992276		<10	<10	83	<10	101
J992277		<10	<10	70	<10	90
J992278		<10	<10	95	<10	121
J992279		<10	<10	173	<10	84

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





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Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 4-AUG-2010  
Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098976**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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Page: 1  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

**CERTIFICATE VA10098977**

Project: Monashee  
 P.O. No.:  
 This report is for 257 Soil samples submitted to our lab in Vancouver, BC, Canada on 21-JUL-2010.  
 The following have access to data associated with this certificate:

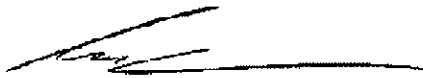
BEN AINSWORTH GARRETT AINSWORTH	GARRETT AINSWORTH	BEN AINSWORTH
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: ESO URANIUM CORP.  
 ATTN: GARRETT AINSWORTH  
 408 - 1199 WEST PENDER ST.  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

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**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
J992280		0.32	0.010	0.6	7.13	27	670	1.4	<2	1.48	1.5	25	110	99	5.45	20
J992281		0.18	0.001	<0.5	7.35	21	500	1.3	5	1.13	1.4	19	56	77	4.62	20
J992282		0.18	0.007	<0.5	7.34	22	570	0.9	4	0.39	0.5	23	52	85	6.24	20
J992283		0.20	0.004	<0.5	6.70	15	830	0.9	4	1.12	1.4	18	143	66	5.16	20
J992284		0.18	0.009	<0.5	7.16	149	960	1.2	<2	1.06	0.5	11	81	41	4.26	20
J992285		0.16	0.004	<0.5	6.58	38	770	1.2	<2	0.97	<0.5	8	50	24	3.18	20
J992286		0.14	0.002	1.7	7.27	46	700	1.5	<2	0.96	0.7	10	53	32	3.46	20
J992287		0.18	0.005	0.8	7.27	133	770	1.2	<2	0.81	0.7	10	71	33	3.74	20
J992288		0.14	0.002	<0.5	7.54	21	730	1.3	<2	0.89	0.5	10	57	28	3.15	20
J992289		0.14	<0.001	0.8	7.46	43	1000	1.2	<2	0.53	0.9	13	116	46	4.76	20
J992290		0.16	0.006	0.7	7.61	36	990	1.2	2	0.54	0.8	15	113	46	4.81	20
J992291		0.14	<0.001	0.9	8.06	40	720	1.4	<2	0.88	0.7	9	53	32	3.39	20
J992292		0.20	0.002	0.6	7.36	32	850	1.4	<2	0.92	0.7	13	76	32	3.80	20
J992293		0.16	0.007	0.8	7.42	86	1340	1.3	<2	1.56	0.9	14	90	51	4.65	20
J992294		0.16	0.005	0.9	7.53	1765	690	1.4	<2	1.08	1.2	16	76	57	4.20	20
J992295		0.18	0.007	0.6	7.36	2750	870	1.5	<2	1.34	1.1	17	99	70	4.09	20
J992296		0.18	0.007	<0.5	7.41	125	780	1.3	<2	0.88	0.5	11	87	31	4.16	20
J992297		0.28	0.129	0.8	7.20	43	880	1.2	<2	0.87	0.7	12	102	33	3.74	20
J992298		0.26	<0.001	0.7	7.55	88	820	1.4	<2	0.92	0.7	12	81	28	3.81	20
J992299		0.24	<0.001	2.5	7.96	525	640	1.6	<2	1.51	1.8	11	52	87	3.14	20
J992300		0.34	0.005	0.6	7.43	57	970	1.3	<2	0.83	0.7	14	108	40	4.22	20
J992301		0.24	0.011	2.4	8.14	423	880	1.6	<2	1.05	1.0	15	86	77	4.56	20
J992302		0.26	<0.001	1.3	7.81	41	690	1.4	<2	0.81	0.8	8	54	21	3.09	20
J992303		0.30	0.005	<0.5	7.03	55	870	1.3	<2	1.04	0.7	13	89	32	4.10	20
J992304		0.26	0.003	0.9	6.92	123	890	1.4	<2	1.15	0.7	15	83	33	4.14	20
J992305		0.28	0.002	0.9	7.41	124	780	1.5	<2	0.94	0.6	13	67	30	3.57	20
J992306		0.22	<0.001	<0.5	7.58	29	910	1.5	<2	0.91	0.9	14	85	28	3.75	20
J992307		0.30	0.014	1.1	6.95	1170	890	1.5	<2	1.63	18.6	13	82	104	3.65	20
J992308		0.24	0.001	0.8	7.21	33	760	1.5	<2	0.94	1.1	13	67	36	3.77	20
J992309		0.24	0.028	1.1	7.45	26	830	1.5	<2	1.17	1.0	14	73	31	3.97	20
J992310		0.30	0.003	<0.5	7.21	37	830	1.4	<2	0.97	0.9	13	75	37	3.86	20
J992311		0.30	0.003	0.9	6.92	32	900	1.4	<2	0.90	0.8	14	86	35	3.78	20
J992312		0.26	0.002	1.1	7.17	28	840	1.3	<2	0.83	0.8	12	79	28	3.61	20
J992313		0.20	0.118	0.8	7.29	49	870	1.3	<2	0.79	1.1	14	86	33	4.01	20
J992314		0.16	0.003	0.6	7.38	37	1020	1.4	<2	0.87	0.8	15	104	38	3.97	20
J992315		0.16	0.074	0.8	7.47	46	900	1.4	<2	0.84	0.7	11	86	33	3.88	20
J992316		0.12	0.002	1.0	7.35	108	930	1.3	<2	0.91	0.9	11	78	35	4.35	20
J992317		0.16	0.006	0.5	7.68	31	760	1.5	<2	0.82	1.0	13	76	42	3.66	20
J992318		0.14	<0.001	0.6	7.63	19	880	1.4	<2	0.87	0.7	12	93	33	4.09	20
J992319		0.20	0.005	<0.5	6.99	30	960	1.4	<2	0.87	1.4	15	96	46	3.86	10



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Page: 2 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

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**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01
J992280		1.11	30	1.65	1385	3	1.20	66	1930	19	0.05	<5	15	232	<20	0.35
J992281		0.94	30	1.89	1090	1	1.26	34	1680	16	0.05	<5	12	204	<20	0.32
J992282		0.95	20	1.89	699	3	1.53	38	1120	13	0.03	<5	16	167	<20	0.29
J992283		1.16	20	3.27	962	1	1.31	75	1190	11	0.04	<5	19	302	<20	0.36
J992284		1.29	20	1.22	540	1	1.34	37	1160	9	0.02	<5	14	285	<20	0.37
J992285		1.27	30	0.74	1155	1	1.53	18	1470	13	0.03	<5	10	224	<20	0.33
J992286		1.25	30	0.72	486	2	1.52	27	930	18	0.02	<5	10	221	<20	0.37
J992287		1.21	20	0.87	392	2	1.40	30	1040	13	0.03	<5	11	212	<20	0.35
J992288		1.31	20	0.81	583	1	1.46	21	890	14	0.02	<5	11	214	<20	0.34
J992289		1.34	20	1.26	508	2	1.31	60	1300	10	0.02	<5	14	161	<20	0.33
J992290		1.37	20	1.25	508	2	1.28	62	1280	12	0.02	<5	14	161	<20	0.35
J992291		1.35	20	0.65	472	2	1.78	20	1270	16	0.04	<5	10	231	<20	0.37
J992292		1.40	20	0.96	437	1	1.34	34	970	13	0.02	<5	11	246	<20	0.35
J992293		1.55	20	0.96	693	3	1.40	44	1110	12	0.02	<5	12	551	<20	0.43
J992294		1.19	20	0.82	638	2	1.25	37	1570	17	0.05	<5	14	223	<20	0.36
J992295		1.30	30	1.12	789	2	1.22	56	1300	17	0.04	<5	15	245	<20	0.34
J992296		1.30	20	0.94	408	2	1.44	31	750	11	0.03	<5	13	218	<20	0.37
J992297		1.29	20	1.01	366	2	1.45	40	840	13	0.03	<5	11	217	<20	0.35
J992298		1.38	20	0.80	469	2	1.47	34	1130	14	0.03	<5	11	225	<20	0.37
J992299		1.18	20	0.67	1410	2	1.61	138	1800	17	0.07	<5	12	288	<20	0.34
J992300		1.44	20	1.12	491	2	1.35	48	1490	17	0.02	<5	13	214	<20	0.32
J992301		1.36	20	0.90	822	6	1.35	82	1240	16	0.04	<5	16	226	<20	0.36
J992302		1.29	20	0.55	478	1	1.58	17	1350	14	0.03	<5	9	202	<20	0.35
J992303		1.42	20	1.07	587	2	1.37	42	1380	13	0.02	<5	13	226	<20	0.35
J992304		1.46	30	1.13	823	2	1.38	33	1510	15	0.02	<5	14	229	<20	0.39
J992305		1.42	20	0.81	574	2	1.53	25	1350	16	0.02	<5	11	225	<20	0.37
J992306		1.56	20	1.03	436	1	1.35	38	900	16	0.02	<5	12	218	<20	0.37
J992307		1.44	30	1.01	1220	2	1.50	64	1390	18	0.05	<5	15	294	<20	0.34
J992308		1.34	30	0.86	522	3	1.39	37	810	18	0.02	<5	11	223	<20	0.39
J992309		1.35	20	1.01	532	3	1.39	34	1230	17	0.03	<5	11	262	<20	0.36
J992310		1.32	20	0.91	649	2	1.45	36	1140	308	0.02	<5	11	247	<20	0.34
J992311		1.39	20	0.95	667	2	1.36	46	1030	17	0.02	<5	12	239	<20	0.36
J992312		1.34	20	0.82	565	2	1.50	35	1090	13	0.02	<5	11	222	<20	0.37
J992313		1.30	20	0.79	656	2	1.46	37	1390	13	0.03	5	11	223	<20	0.36
J992314		1.49	20	1.10	477	2	1.29	64	1150	11	0.02	<5	13	230	<20	0.34
J992315		1.45	20	0.84	514	1	1.54	36	1110	14	0.02	<5	12	228	<20	0.39
J992316		1.37	20	0.78	699	2	1.52	32	2080	17	0.03	<5	11	225	<20	0.38
J992317		1.23	20	0.78	652	2	1.34	44	1200	15	0.03	<5	12	200	<20	0.34
J992318		1.33	20	0.94	547	2	1.61	35	1590	13	0.02	<5	12	307	<20	0.40
J992319		1.45	20	1.11	547	2	1.39	66	1010	15	0.02	<5	13	229	<20	0.34



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To: ESO URANIUM CORP.  
 408 - 1199 WEST PENDER ST.  
 VANCOUVER BC V6E 2R1

Page: 2 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		TI	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
J992280	<10	<10	122	<10	227	
J992281	<10	<10	107	<10	150	
J992282	<10	<10	157	<10	126	
J992283	<10	<10	178	<10	192	
J992284	<10	<10	145	<10	128	
J992285	<10	<10	95	<10	94	
J992286	<10	<10	91	<10	107	
J992287	<10	<10	112	<10	113	
J992288	<10	<10	97	<10	110	
J992289	<10	<10	145	<10	145	
J992290	<10	<10	147	<10	146	
J992291	<10	<10	88	<10	94	
J992292	<10	<10	114	<10	154	
J992293	<10	<10	154	<10	168	
J992294	<10	<10	114	<10	107	
J992295	<10	<10	129	<10	124	
J992296	<10	<10	126	<10	110	
J992297	<10	<10	117	<10	120	
J992298	<10	<10	110	<10	155	
J992299	<10	<10	76	<10	119	
J992300	<10	<10	129	<10	132	
J992301	<10	<10	120	<10	147	
J992302	<10	<10	83	<10	105	
J992303	<10	<10	122	<10	132	
J992304	<10	<10	137	<10	126	
J992305	<10	<10	99	<10	124	
J992306	<10	<10	118	<10	135	
J992307	<10	<10	108	<10	436	
J992308	<10	<10	103	<10	147	
J992309	<10	<10	112	<10	162	
J992310	<10	<10	110	<10	159	
J992311	<10	<10	116	<10	144	
J992312	<10	<10	108	<10	136	
J992313	<10	<10	110	<10	157	
J992314	<10	<10	135	<10	174	
J992315	<10	<10	120	<10	131	
J992316	<10	<10	112	<10	144	
J992317	<10	<10	103	<10	134	
J992318	<10	<10	118	<10	132	
J992319	<10	<10	128	<10	137	

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



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Page: 3 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
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Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992320		0.16	0.007	0.6	6.97	31	980	1.3	<2	1.00	1.1	12	85	35	4.06	20
J992321		0.20	0.003	0.7	7.37	39	940	1.3	<2	0.75	0.9	14	87	39	4.37	20
J992322		0.16	0.002	<0.5	8.21	30	750	1.5	<2	0.82	<0.5	12	60	40	3.53	20
J992323		0.28	0.003	0.6	6.58	48	800	1.4	<2	0.69	0.6	10	74	39	3.46	20
J992324		0.26	0.001	1.5	6.01	23	590	1.5	<2	1.10	1.1	12	57	35	3.25	20
J992325		0.26	0.001	0.8	7.66	68	640	1.5	3	1.23	1.4	13	53	39	3.38	20
J992326		0.26	0.001	<0.5	7.05	28	740	1.3	<2	0.96	0.7	13	68	34	3.71	20
J992327		0.24	<0.001	0.6	6.77	28	780	1.2	<2	0.96	0.7	9	54	28	3.75	20
J992328		0.28	0.003	1.0	6.99	34	930	1.3	2	0.98	0.6	12	77	34	4.16	20
J992329		0.30	<0.001	<0.5	7.00	16	790	1.3	<2	0.97	0.5	8	67	22	3.70	20
J992330		0.30	0.001	1.1	7.24	34	900	1.2	<2	0.90	0.9	11	67	31	4.06	20
J992331		0.28	0.001	0.9	7.40	41	840	1.4	<2	0.83	0.8	12	66	45	4.10	20
J992332		0.24	0.004	2.0	7.79	57	840	1.5	<2	1.12	3.4	17	77	74	4.52	20
J992333		0.26	0.092	0.5	7.50	35	650	1.4	<2	0.79	1.0	13	54	44	3.29	20
J992334		0.32	0.004	0.5	7.64	34	960	1.5	<2	1.50	1.4	18	90	80	4.32	20
J992335		0.28	<0.001	2.5	8.42	18	680	1.7	<2	1.29	0.7	10	49	28	3.44	20
J992336		0.38	0.002	<0.5	6.88	16	880	1.6	<2	1.43	0.6	13	84	33	3.47	20
J992337		0.40	0.001	0.6	7.38	31	660	1.2	<2	0.80	0.7	19	83	45	4.76	20
J992338		0.32	0.001	<0.5	7.86	27	550	1.4	<2	0.95	0.7	24	59	61	4.21	10
J992339		0.26	<0.001	0.7	7.26	23	530	1.1	<2	1.09	0.6	17	39	51	4.90	20
J992340		0.36	0.001	<0.5	7.16	43	340	1.2	<2	0.79	0.7	29	27	116	7.00	10
J992341		0.32	0.013	<0.5	7.57	119	580	1.5	<2	0.90	0.6	14	37	72	4.73	20
J992342		0.34	0.001	<0.5	7.14	49	660	1.3	<2	0.80	<0.5	14	61	48	4.01	20
J992343		0.32	<0.001	<0.5	7.10	17	730	1.5	<2	0.99	<0.5	11	62	29	3.44	20
J992344		0.30	<0.001	<0.5	7.34	17	720	1.4	<2	0.91	0.6	10	56	30	3.72	20
J992345		0.30	0.002	0.8	7.50	20	650	1.6	2	1.15	0.5	14	47	46	3.78	20
J992346		0.34	0.002	0.8	7.00	23	670	1.6	<2	1.31	1.2	18	64	71	3.98	20
J992347		0.34	<0.001	0.5	7.00	46	650	1.5	<2	1.08	0.7	15	56	43	3.63	10
J992348		0.30	<0.001	<0.5	6.99	21	660	1.3	<2	0.90	0.5	8	53	28	4.01	20
J992349		0.28	0.001	0.7	7.46	10	580	1.3	<2	0.85	0.5	11	40	43	3.51	20
J992350		0.28	<0.001	<0.5	7.47	11	580	1.1	2	0.65	<0.5	21	64	43	5.36	20
J992351		0.28	0.119	<0.5	7.00	313	450	1.0	<2	0.51	0.6	41	136	104	7.80	10
J992352		0.34	<0.001	<0.5	6.98	22	700	1.2	<2	1.58	<0.5	24	242	39	4.93	20
J992353		0.30	<0.001	<0.5	6.69	12	680	1.2	<2	0.81	<0.5	11	51	27	3.46	20
J992354		0.30	<0.001	0.6	5.89	16	650	1.3	<2	0.80	0.6	10	45	30	3.12	20
J992355		0.20	0.004	1.0	6.52	26	600	1.3	<2	1.19	0.9	15	62	55	3.72	20
J992356		0.18	0.008	<0.5	6.77	20	810	1.3	<2	1.08	<0.5	11	78	30	3.74	20
J992357		0.20	0.003	1.5	7.81	35	590	1.5	<2	1.73	3.4	15	67	54	3.71	20
J992358		0.20	0.015	1.6	7.05	10	730	1.2	<2	1.06	0.8	8	53	33	3.53	20
J992359		0.16	0.005	1.1	8.10	22	650	1.5	<2	0.83	0.9	19	62	43	3.85	20



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 VANCOUVER BC V6E 2R1

Page: 3 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01
J992320		1.39	20	1.01	1200	2	1.40	32	1670	15	0.03	<5	12	314	<20	0.37
J992321		1.44	20	1.08	550	2	1.25	42	1420	13	0.02	5	13	185	<20	0.33
J992322		1.31	20	0.78	479	3	1.61	30	1110	12	0.05	5	11	204	<20	0.35
J992323		1.28	20	0.82	629	2	1.43	33	1080	9	0.02	<5	10	183	<20	0.33
J992324		1.04	20	0.69	893	2	1.37	31	1380	13	0.05	<5	9	216	<20	0.34
J992325		1.05	20	0.67	1000	3	1.38	32	1640	10	0.05	<5	11	226	<20	0.34
J992326		1.22	20	0.83	842	2	1.35	30	1300	12	0.03	<5	11	208	<20	0.32
J992327		1.33	20	0.70	961	2	1.55	20	2790	13	0.03	<5	10	218	<20	0.37
J992328		1.32	30	1.02	736	2	1.33	33	2090	9	0.02	<5	13	210	<20	0.34
J992329		1.36	30	0.87	579	2	1.36	24	1660	11	0.02	<5	11	210	<20	0.36
J992330		1.40	20	0.94	891	3	1.59	32	1580	12	0.02	<5	12	253	<20	0.39
J992331		1.33	20	0.97	747	3	1.44	33	1170	11	0.03	<5	12	217	<20	0.35
J992332		1.29	30	0.98	1410	3	1.33	60	1790	10	0.05	<5	18	232	<20	0.37
J992333		1.18	20	0.71	809	2	1.32	26	1510	9	0.04	<5	11	186	<20	0.32
J992334		1.54	30	1.33	1615	2	1.34	46	1210	12	0.02	<5	19	279	<20	0.34
J992335		1.30	20	0.73	680	2	1.62	22	1380	15	0.04	<5	10	252	<20	0.39
J992336		1.53	30	1.22	619	1	1.37	40	660	11	0.02	<5	14	265	<20	0.34
J992337		1.27	20	1.20	641	2	1.26	30	1260	10	0.03	<5	14	191	<20	0.36
J992338		1.12	20	0.97	1025	3	1.34	25	1390	12	0.04	<5	13	183	<20	0.35
J992339		1.17	20	1.43	1175	2	1.75	16	1350	13	0.04	<5	14	223	<20	0.41
J992340		0.80	20	0.92	957	2	1.63	14	2100	11	0.05	<5	11	216	<20	0.29
J992341		1.19	20	0.83	939	3	1.76	16	1660	12	0.04	<5	11	233	<20	0.35
J992342		1.25	20	1.21	610	2	1.44	29	1030	12	0.03	<5	13	188	<20	0.35
J992343		1.33	30	0.87	495	2	1.48	25	870	12	0.02	<5	11	221	<20	0.36
J992344		1.36	20	0.92	692	3	1.45	21	1280	11	0.03	5	11	216	<20	0.37
J992345		1.36	30	0.73	956	2	1.75	21	1160	18	0.04	<5	11	240	<20	0.39
J992346		1.23	40	1.00	1690	2	1.34	30	2320	17	0.08	<5	16	224	<20	0.34
J992347		1.26	30	0.84	1430	1	1.39	23	1490	14	0.04	<5	12	219	<20	0.35
J992348		1.27	20	0.70	584	3	1.47	18	1010	15	0.03	<5	10	203	<20	0.37
J992349		1.22	20	0.94	640	2	1.65	16	1010	11	0.03	<5	11	197	<20	0.35
J992350		1.47	10	2.84	755	2	1.40	38	930	10	0.02	<5	17	163	<20	0.40
J992351		1.48	10	0.97	1810	1	1.15	71	2020	12	0.04	<5	18	114	<20	0.24
J992352		1.24	20	2.74	1030	1	1.41	77	1190	13	0.02	<5	15	211	<20	0.37
J992353		1.28	20	0.79	446	2	1.57	18	780	10	0.02	<5	10	197	<20	0.36
J992354		1.19	10	0.64	491	2	1.50	16	1350	9	0.03	<5	8	187	<20	0.32
J992355		1.14	20	0.94	880	2	1.33	27	1210	10	0.04	<5	11	226	<20	0.34
J992356		1.33	30	1.05	680	1	1.40	31	1300	9	0.01	<5	13	227	<20	0.36
J992357		0.98	20	0.72	1575	2	1.30	39	1600	12	0.08	<5	13	306	<20	0.35
J992358		1.23	20	0.67	771	3	1.50	18	1680	16	0.04	<5	11	265	<20	0.38
J992359		1.12	30	0.65	946	3	1.31	25	1500	16	0.04	<5	12	187	<20	0.33



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 VANCOUVER BC V6E 2R1

Page: 3 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

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Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ti	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
J992320		<10	<10	119	<10	132
J992321		<10	<10	131	<10	136
J992322		<10	<10	91	<10	134
J992323		<10	<10	98	<10	116
J992324		<10	<10	79	<10	120
J992325		<10	<10	77	<10	158
J992326		<10	<10	96	<10	123
J992327		<10	<10	93	<10	103
J992328		<10	<10	117	<10	125
J992329		<10	<10	106	<10	112
J992330		<10	<10	115	<10	129
J992331		<10	<10	111	<10	141
J992332		<10	<10	113	<10	189
J992333		<10	<10	78	<10	126
J992334		<10	<10	124	<10	184
J992335		<10	<10	77	<10	124
J992336		<10	<10	118	<10	102
J992337		<10	<10	125	<10	131
J992338		<10	<10	97	<10	136
J992339		<10	<10	117	<10	108
J992340		<10	<10	83	<10	87
J992341		<10	<10	81	<10	107
J992342		<10	<10	110	<10	97
J992343		<10	<10	95	<10	111
J992344		<10	<10	99	<10	105
J992345		<10	<10	76	<10	94
J992346		<10	<10	91	<10	143
J992347		<10	<10	90	<10	110
J992348		<10	<10	90	<10	92
J992349		<10	<10	90	<10	86
J992350		<10	<10	162	<10	117
J992351		<10	<10	123	<10	122
J992352		<10	<10	127	<10	106
J992353		<10	<10	96	<10	97
J992354		<10	<10	79	<10	93
J992355		<10	<10	98	<10	119
J992356		<10	<10	113	<10	102
J992357		<10	<10	74	<10	131
J992358		<10	<10	95	<10	78
J992359		<10	<10	85	<10	122

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Page: 4 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992360		0.16	<0.001	<0.5	6.92	22	690	1.2	<2	0.85	0.5	6	47	26	3.64	20
J992361		0.24	0.017	<0.5	7.66	41	890	1.4	<2	0.78	1.4	23	97	65	4.46	20
J992362		0.18	0.001	0.5	8.28	26	720	1.3	<2	0.72	0.6	10	59	30	3.88	20
J992363		0.16	0.002	0.5	7.56	19	780	1.2	<2	0.76	1.0	12	82	35	3.85	10
J992364		0.20	0.002	1.0	8.67	38	780	1.7	<2	1.47	3.1	14	60	54	3.54	20
J992365		0.20	<0.001	0.7	8.17	33	730	1.3	<2	0.79	0.6	9	58	32	3.63	20
J992366		0.26	0.007	1.2	8.09	60	910	1.4	<2	1.07	1.7	21	96	56	4.60	10
J992367		0.26	0.007	0.5	7.37	53	1000	1.3	<2	1.35	1.4	17	105	51	4.50	20
J992368		0.18	0.004	0.7	8.44	24	870	1.3	<2	0.67	0.9	14	93	44	4.11	20
J992369		0.20	0.002	0.6	8.59	20	960	1.2	<2	0.78	1.0	14	128	46	3.91	20
J992370		0.24	0.009	0.5	8.22	25	1070	1.1	<2	0.87	1.6	14	118	42	4.43	20
J992371		0.26	0.005	1.0	7.46	31	850	1.2	<2	1.94	2.9	12	97	56	3.49	10
J992372		0.30	0.013	0.8	7.65	43	1200	1.3	2	0.54	1.7	20	175	94	4.45	20
J992373		0.34	0.027	0.5	7.77	42	1130	1.3	<2	0.66	0.8	17	152	52	4.49	20
J992374		0.32	0.010	0.7	7.77	27	970	1.1	<2	0.56	1.4	20	220	62	4.37	20
J992375		0.26	0.003	1.3	8.06	24	910	1.2	<2	0.85	2.2	15	166	67	3.91	20
J992376		0.34	0.004	0.5	7.24	23	920	0.8	<2	0.39	0.6	15	234	35	4.26	10
J992377		0.36	0.016	1.1	6.82	57	910	0.9	<2	0.63	1.7	26	139	40	4.36	10
J992378		0.40	0.020	1.3	7.63	23	1070	1.0	<2	0.73	3.1	32	178	93	6.59	10
J992379		0.34	0.013	1.3	8.14	39	970	1.3	<2	0.55	1.6	19	139	70	4.82	20
J992380		0.30	0.004	0.5	7.76	25	970	1.1	2	0.61	1.2	18	138	54	4.37	20
J992381		0.28	0.006	0.5	8.00	32	980	1.1	<2	0.67	1.3	17	173	52	4.68	20
J992382		0.30	0.005	0.6	7.54	31	1000	1.1	<2	0.54	1.1	14	175	54	4.58	10
J992383		0.40	0.007	<0.5	7.30	9	1200	0.9	<2	0.49	1.3	24	182	67	5.17	10
J992384		0.32	0.002	0.5	7.50	22	1090	1.1	<2	0.46	1.6	20	194	67	5.02	20
J992385		0.32	0.005	<0.5	7.22	17	910	1.0	<2	0.55	1.2	14	165	59	4.78	20
J992386		0.34	0.002	0.9	7.60	18	970	1.2	<2	0.81	2.4	24	205	70	4.89	20
J992387		0.32	0.005	1.5	7.75	24	930	1.2	<2	0.93	2.5	24	193	72	4.63	10
J992388		0.30	0.001	0.5	7.27	22	930	1.1	<2	0.53	1.6	19	152	64	4.30	20
J992389		0.30	0.733	0.9	7.74	17	990	1.2	<2	1.06	1.8	17	161	65	4.03	10
J992390		0.32	<0.001	0.7	7.34	8	770	1.3	<2	1.07	<0.5	7	56	25	3.06	20
J992391		0.36	0.001	<0.5	7.38	10	630	1.2	<2	0.83	<0.5	9	53	35	3.43	20
J992392		0.36	0.001	<0.5	7.18	18	750	1.3	<2	0.80	0.5	10	71	26	3.96	20
J992393		0.38	0.001	<0.5	7.24	14	690	1.3	2	0.79	0.6	9	66	33	3.78	20
J992394		0.28	<0.001	0.7	7.74	11	640	1.4	<2	0.86	0.7	6	47	40	4.10	20
J992395		0.34	0.001	0.5	7.40	22	620	1.1	<2	0.75	0.7	15	57	50	4.60	20
J992396		0.40	0.010	0.6	7.55	14	530	1.0	<2	0.72	1.1	12	55	59	5.16	20
J992397		0.34	0.001	0.6	7.17	14	640	1.2	2	0.75	1.2	11	52	56	4.61	20
J992398		0.30	0.003	1.3	8.12	24	590	1.5	<2	1.72	2.8	16	78	85	4.18	20
J992399		0.30	0.003	1.3	9.06	31	870	1.8	<2	0.85	2.3	20	96	76	4.88	30



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 VANCOUVER BC V6E 2R1

Page: 4 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
J992360		1.24	20	0.54	420	3	1.51	13	1060	16	0.03	<5	9	206	<20	0.38
J992361		1.31	30	1.22	1075	3	1.36	121	1020	18	0.02	<5	15	256	<20	0.36
J992362		1.15	20	0.67	540	3	1.52	26	1450	14	0.04	<5	10	230	<20	0.36
J992363		1.08	20	1.04	733	2	1.43	37	1400	12	0.04	<5	12	329	<20	0.37
J992364		1.15	30	0.69	1240	2	1.47	70	1650	17	0.06	<5	13	276	<20	0.36
J992365		1.19	20	0.76	467	3	1.50	30	1270	15	0.03	<5	10	235	<20	0.35
J992366		1.16	30	1.15	1025	3	1.24	67	1230	15	0.04	<5	16	265	<20	0.31
J992367		1.43	30	1.32	894	3	1.51	76	820	15	0.02	<5	18	276	<20	0.30
J992368		1.14	20	1.22	529	2	1.67	61	1220	13	0.03	5	14	347	<20	0.40
J992369		0.99	20	1.43	543	2	1.71	69	1040	10	0.04	<5	15	459	<20	0.41
J992370		1.09	20	1.47	496	2	1.66	77	840	12	0.03	<5	17	467	<20	0.46
J992371		1.00	20	1.17	1190	2	1.47	85	2220	11	0.10	5	13	369	<20	0.36
J992372		1.31	30	1.71	747	2	1.55	180	940	15	0.02	<5	18	280	<20	0.35
J992373		1.39	20	1.45	769	2	1.59	98	1220	14	0.02	<5	15	263	<20	0.36
J992374		1.05	30	1.94	775	2	1.61	136	1310	11	0.03	<5	16	260	<20	0.37
J992375		1.06	20	1.55	864	2	1.54	161	1650	10	0.05	<5	15	283	<20	0.39
J992376		0.80	10	2.89	525	1	2.06	129	740	7	0.02	<5	15	290	<20	0.35
J992377		0.86	20	1.51	977	2	1.38	94	2180	11	0.04	<5	15	291	<20	0.36
J992378		1.02	30	2.61	1615	3	1.20	246	1230	16	0.02	<5	23	338	<20	0.39
J992379		1.08	20	1.57	710	2	1.50	124	1150	14	0.03	<5	17	272	<20	0.38
J992380		1.03	20	1.61	846	2	1.40	103	1700	10	0.04	<5	16	318	<20	0.38
J992381		1.08	20	1.74	777	2	1.46	94	1330	11	0.03	<5	16	329	<20	0.41
J992382		1.04	20	1.76	657	2	1.47	99	1250	10	0.03	5	16	286	<20	0.40
J992383		1.12	20	2.69	574	2	1.67	179	960	9	0.02	<5	16	369	<20	0.34
J992384		1.20	20	1.51	1215	3	1.33	146	1470	13	0.03	<5	15	146	<20	0.31
J992385		1.11	20	1.51	771	3	1.37	112	1400	12	0.03	<5	14	154	<20	0.31
J992386		1.07	20	1.64	1185	3	1.36	165	2060	14	0.05	<5	17	182	<20	0.34
J992387		1.08	20	1.61	1270	2	1.29	186	2130	13	0.06	<5	18	199	<20	0.32
J992388		1.05	20	1.44	1135	2	1.27	120	2030	11	0.05	<5	15	207	<20	0.33
J992389		1.06	20	1.46	884	1	1.37	136	1500	12	0.05	<5	16	286	<20	0.34
J992390		1.44	30	0.77	767	3	1.54	18	1200	15	0.02	<5	11	219	<20	0.36
J992391		1.24	20	0.68	1155	2	1.35	14	1770	15	0.03	<5	10	187	<20	0.35
J992392		1.34	20	0.91	823	2	1.19	25	2380	15	0.03	<5	11	182	<20	0.35
J992393		1.25	20	0.94	541	2	1.16	23	1580	11	0.03	<5	11	175	<20	0.31
J992394		1.30	20	0.81	545	4	1.65	18	1080	13	0.03	6	11	216	<20	0.40
J992395		1.26	10	1.52	919	2	1.53	23	1510	7	0.03	<5	14	190	<20	0.39
J992396		1.18	10	1.78	548	2	1.49	26	1080	5	0.03	<5	15	177	<20	0.35
J992397		1.25	10	0.99	1175	3	1.44	22	2980	9	0.04	6	12	190	<20	0.37
J992398		1.10	20	0.79	1380	3	1.42	31	1330	12	0.04	9	14	276	<20	0.41
J992399		1.27	30	1.00	625	3	1.44	59	1000	16	0.02	<5	15	233	<20	0.40



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Page: 4 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
J992360		<10	<10	87	<10	73
J992361		<10	<10	125	<10	189
J992362		10	<10	86	<10	112
J992363		<10	<10	105	<10	127
J992364		<10	<10	79	<10	148
J992365		<10	<10	89	<10	134
J992366		<10	<10	120	<10	148
J992367		<10	<10	134	<10	131
J992368		<10	<10	123	<10	162
J992369		10	<10	130	<10	160
J992370		<10	<10	157	<10	185
J992371		10	<10	102	<10	170
J992372		10	<10	142	<10	207
J992373		10	<10	140	<10	140
J992374		10	<10	127	<10	156
J992375		<10	<10	117	<10	162
J992376		<10	<10	152	<10	125
J992377		<10	<10	135	<10	180
J992378		<10	<10	191	<10	256
J992379		<10	<10	139	<10	175
J992380		<10	<10	140	<10	176
J992381		<10	<10	144	<10	168
J992382		<10	<10	138	<10	154
J992383		<10	<10	147	<10	190
J992384		<10	<10	134	<10	203
J992385		<10	<10	129	<10	166
J992386		<10	<10	132	<10	217
J992387		<10	<10	121	<10	194
J992388		<10	<10	121	<10	187
J992389		<10	<10	116	<10	149
J992390		<10	<10	89	<10	86
J992391		<10	<10	85	<10	79
J992392		<10	<10	103	<10	102
J992393		<10	<10	96	<10	96
J992394		<10	<10	102	<10	84
J992395		<10	<10	140	<10	100
J992396		<10	<10	143	<10	89
J992397		<10	<10	121	<10	122
J992398		<10	<10	95	<10	196
J992399		<10	<10	125	<10	166

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



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Page: 5 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992400		0.36	0.001	0.8	7.09	34	730	1.4	<2	1.58	1.0	15	65	41	4.42	20
J992401		0.26	0.003	0.7	7.27	21	790	1.4	<2	1.82	1.5	10	75	32	3.58	20
J992402		0.32	0.002	1.1	8.24	26	730	1.6	<2	0.85	1.3	19	70	51	4.10	20
J992403		0.32	0.003	1.9	8.51	39	700	1.6	<2	0.74	1.5	18	72	52	4.23	20
J992404		0.32	0.005	1.0	8.90	29	760	1.4	<2	0.61	1.2	15	113	56	4.92	20
J992405		0.20	0.001	0.9	7.75	19	810	1.2	<2	0.45	1.1	9	217	47	5.04	20
J992406		0.24	0.001	<0.5	8.23	23	980	1.2	<2	0.41	0.8	16	249	45	5.41	20
J992407		0.18	0.002	1.1	8.02	18	920	1.3	<2	0.76	2.0	21	180	58	4.50	20
J992408		0.18	0.005	1.1	8.15	16	920	1.3	<2	0.70	2.4	16	197	51	4.17	10
J992409		0.20	0.004	1.5	7.88	17	1140	1.2	<2	0.54	2.6	17	189	61	4.44	20
J992410		0.20	0.003	0.8	8.11	13	970	1.3	<2	0.43	2.1	19	151	68	4.32	20
J992411		0.20	0.002	0.6	7.80	15	1090	1.2	<2	0.38	0.9	13	210	50	4.66	20
J992412		0.22	0.002	1.0	7.67	17	1120	1.0	<2	0.26	1.0	15	249	52	4.86	20
J992413		0.26	0.006	0.6	7.22	39	970	1.1	<2	0.86	2.3	21	202	70	4.92	20
J992414		0.18	0.005	1.3	7.58	18	750	1.3	2	1.49	2.9	19	137	71	4.41	20
J992415		0.22	0.011	2.2	7.78	32	810	1.6	<2	0.55	3.5	32	159	87	4.46	10
J992416		0.28	0.009	1.5	7.05	30	1000	1.2	<2	0.69	2.7	22	172	86	5.66	20
J992417		0.30	0.025	3.0	6.98	24	1620	1.2	<2	0.64	3.4	32	181	150	6.33	20
J992418		0.24	0.002	1.4	7.31	20	920	1.1	<2	1.03	2.4	18	194	71	4.61	20
J992419		0.28	0.007	1.3	8.09	28	1150	1.1	<2	0.84	2.3	28	252	73	5.40	20
J992420		0.24	0.004	1.2	7.93	21	1040	1.3	2	0.59	1.8	23	206	77	4.84	20
J992421		0.20	0.002	0.8	7.33	16	880	1.1	<2	0.63	1.4	20	174	63	4.42	20
J992422		0.42	0.011	0.9	6.37	30	940	1.0	<2	1.24	1.2	13	81	40	3.95	10
J992423		0.32	0.004	1.8	7.69	34	930	1.4	<2	1.31	2.4	16	121	56	4.36	20
J992424		0.34	0.014	1.0	7.06	19	1260	1.1	<2	1.22	1.7	15	121	55	4.19	10
J992425		0.32	0.003	1.7	7.70	33	1400	1.4	<2	1.26	1.9	16	151	68	4.59	20
J992426		0.32	0.010	0.6	7.44	35	940	1.2	<2	0.59	1.9	16	147	53	4.32	20
J992427		0.34	0.004	1.4	7.29	57	910	1.2	<2	1.24	2.7	16	172	59	4.54	20
J992428		0.28	0.002	1.1	7.90	36	850	1.4	<2	0.76	1.6	16	141	43	4.18	20
J992429		0.28	<0.001	0.9	7.24	37	890	1.2	<2	0.78	1.4	14	167	39	4.67	20
J992430		0.30	0.019	<0.5	7.82	41	920	1.3	<2	0.60	1.0	17	152	46	4.53	20
J992431		0.28	0.002	1.2	7.42	43	1120	1.1	<2	0.59	1.0	17	210	39	4.74	20
J992432		0.28	<0.001	1.0	8.09	30	940	1.2	<2	0.56	1.4	14	167	53	4.30	20
J992433		0.32	0.015	0.7	7.18	42	1010	1.1	2	0.38	1.6	25	378	57	4.93	10
J992434		0.30	<0.001	1.3	7.79	23	910	1.2	<2	1.13	2.5	13	179	64	4.07	20
J992435		0.16	<0.001	1.4	7.66	18	850	1.6	<2	1.61	1.8	14	85	45	3.64	20
J992436		0.20	<0.001	2.4	7.78	19	980	1.6	<2	1.29	1.4	14	105	50	3.81	20
J992437		0.24	0.228	1.4	6.80	23	1080	1.4	<2	1.85	1.7	15	116	46	4.04	10
J992438		0.20	0.001	2.2	7.78	16	920	1.6	<2	1.70	2.4	15	95	70	3.89	20
J992439		0.18	0.003	0.7	7.18	34	1290	1.5	<2	1.11	1.5	21	152	45	5.11	20



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 VANCOUVER BC V6E 2R1

Page: 5 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
J992400		1.23	20	0.87	626	2	1.38	23	1540	12	0.03	<5	11	267	<20	0.34
J992401		1.30	30	1.05	1060	2	1.37	34	1450	11	0.06	<5	13	310	<20	0.36
J992402		1.19	20	0.78	900	4	1.37	32	1070	14	0.03	<5	11	206	<20	0.36
J992403		1.09	30	0.69	596	3	1.48	45	1190	15	0.03	<5	12	196	<20	0.34
J992404		1.22	20	0.98	519	4	1.72	68	1080	14	0.03	<5	13	196	<20	0.37
J992405		1.07	10	1.48	387	4	1.75	88	1200	12	0.03	6	12	180	<20	0.34
J992406		1.08	10	2.07	550	4	1.97	117	2000	8	0.04	<5	14	207	<20	0.40
J992407		1.02	20	1.73	768	3	1.59	121	1610	9	0.05	<5	13	223	<20	0.37
J992408		1.03	20	1.77	667	2	1.59	147	1350	10	0.05	<5	14	217	<20	0.34
J992409		1.10	20	1.85	581	3	1.54	168	1020	10	0.04	<5	15	205	<20	0.36
J992410		1.07	30	1.68	602	3	1.64	122	1120	10	0.04	<5	14	198	<20	0.34
J992411		1.19	10	1.96	427	3	1.77	103	690	10	0.04	8	15	180	<20	0.35
J992412		1.12	10	2.22	553	3	1.57	126	920	9	0.03	<5	15	150	<20	0.30
J992413		1.11	20	1.82	936	3	1.42	168	1050	11	0.03	7	17	202	<20	0.32
J992414		0.97	20	1.30	929	3	1.34	140	1550	13	0.06	<5	14	232	<20	0.32
J992415		1.02	30	1.41	1335	3	1.21	195	1610	10	0.05	8	17	153	<20	0.29
J992416		1.17	20	1.81	1040	4	1.47	169	1060	13	0.02	6	17	164	<20	0.30
J992417		1.55	30	2.26	1045	5	1.10	323	1010	22	0.04	7	40	129	<20	0.23
J992418		0.99	20	1.67	1155	2	1.39	137	1950	9	0.05	<5	16	216	<20	0.31
J992419		1.01	30	2.27	1025	2	1.21	222	1960	10	0.05	5	22	161	<20	0.25
J992420		1.15	30	1.92	1000	3	1.38	156	1670	9	0.04	<5	19	162	<20	0.34
J992421		1.08	20	1.37	794	3	1.30	114	1250	8	0.04	5	13	176	<20	0.33
J992422		1.14	20	1.14	707	2	1.66	60	840	13	0.02	5	15	269	<20	0.35
J992423		1.06	20	1.03	690	2	1.40	94	1050	10	0.04	<5	15	255	<20	0.36
J992424		1.33	20	1.35	892	3	1.48	113	780	9	0.02	8	17	256	<20	0.35
J992425		1.41	20	1.56	833	3	1.38	184	920	12	0.03	<5	17	264	<20	0.33
J992426		1.10	20	1.30	946	3	1.41	100	1350	10	0.04	7	13	191	<20	0.35
J992427		1.07	20	1.29	1100	3	1.37	118	1980	9	0.06	<5	14	226	<20	0.33
J992428		1.04	20	1.16	768	3	1.50	94	940	11	0.03	<5	12	190	<20	0.32
J992429		1.06	20	1.33	726	3	1.56	94	760	11	0.02	5	13	190	<20	0.36
J992430		1.13	20	1.29	502	2	1.66	90	920	13	0.03	<5	12	172	<20	0.32
J992431		1.02	10	1.77	1100	1	1.82	102	1780	13	0.02	<5	14	151	<20	0.31
J992432		1.10	20	1.34	329	1	1.73	95	760	11	0.02	<5	13	152	<20	0.32
J992433		1.11	10	3.00	1060	1	1.57	199	850	10	0.02	<5	16	105	<20	0.26
J992434		1.01	20	1.83	637	1	1.68	145	1170	9	0.05	<5	15	198	<20	0.29
J992435		1.25	30	0.84	1200	1	1.36	91	1310	15	0.04	<5	12	273	<20	0.33
J992436		1.33	30	0.76	496	2	1.36	80	840	13	0.03	<5	15	236	<20	0.34
J992437		1.31	20	0.95	1305	2	1.18	106	1630	14	0.07	<5	14	283	<20	0.31
J992438		1.18	30	0.72	1285	2	1.36	90	1380	14	0.05	<5	18	285	<20	0.33
J992439		1.65	20	1.22	1070	3	1.32	108	810	18	0.03	<5	16	211	<20	0.33

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



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Page: 5 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
J992400		<10	<10	108	<10	115
J992401		<10	<10	108	<10	187
J992402		<10	<10	106	<10	157
J992403		10	<10	101	<10	133
J992404		<10	<10	115	<10	169
J992405		<10	<10	128	<10	148
J992406		<10	<10	148	<10	158
J992407		<10	<10	125	<10	176
J992408		<10	<10	124	<10	138
J992409		<10	<10	143	<10	177
J992410		<10	<10	127	<10	193
J992411		<10	<10	154	<10	143
J992412		<10	<10	157	<10	150
J992413		<10	<10	143	<10	170
J992414		<10	<10	114	<10	169
J992415		<10	<10	115	<10	225
J992416		<10	<10	151	<10	219
J992417		<10	<10	212	<10	398
J992418		<10	<10	133	<10	203
J992419		<10	<10	140	<10	158
J992420		<10	<10	142	<10	189
J992421		<10	<10	125	<10	155
J992422		<10	<10	137	<10	105
J992423		<10	<10	125	<10	156
J992424		<10	<10	157	<10	125
J992425		<10	<10	162	<10	168
J992426		<10	<10	124	<10	182
J992427		<10	<10	124	<10	175
J992428		<10	<10	113	<10	160
J992429		<10	<10	127	<10	170
J992430		<10	<10	121	<10	148
J992431		<10	<10	148	<10	130
J992432		<10	<10	123	<10	116
J992433		<10	<10	145	<10	154
J992434		<10	<10	131	<10	119
J992435		<10	<10	90	<10	163
J992436		<10	<10	106	<10	148
J992437		<10	<10	118	<10	302
J992438		<10	<10	97	<10	183
J992439		<10	<10	148	<10	195

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Page: 6 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VAT0098977**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	0.01	10	
J992440		0.18	0.004	1.8	7.83	47	970	1.3	<2	0.90	1.0	12	145	56	4.96	20
J992441		0.18	0.001	1.1	6.54	44	930	1.0	<2	2.04	2.0	14	156	51	3.77	10
J992442		0.18	0.004	1.3	7.66	45	820	1.3	<2	1.41	1.7	13	118	39	4.41	20
J992443		0.22	0.007	1.2	7.74	43	1130	1.4	<2	1.13	1.6	21	133	46	4.97	20
J992444		0.24	0.011	1.3	7.83	69	1080	1.3	<2	1.36	1.5	23	156	46	5.09	20
J992445		0.24	0.016	1.9	9.38	135	960	1.6	<2	1.37	1.6	25	115	51	5.44	20
J992446		0.16	0.009	0.9	9.48	89	1080	1.6	<2	0.75	0.8	18	118	39	4.28	20
J992447		0.28	0.029	2.4	8.38	663	1470	1.3	<2	0.34	1.1	24	293	58	5.66	20
J992448		0.30	0.011	3.7	9.38	175	760	1.4	<2	0.67	1.0	11	85	39	5.24	20
J992449		0.28	0.018	1.1	8.24	26	660	1.4	<2	0.74	1.9	19	90	47	5.34	20
J992450		0.30	0.008	2.4	7.39	65	800	1.3	<2	1.72	4.0	15	87	87	4.15	20
J992451		0.34	0.008	0.7	7.10	736	1270	1.2	<2	2.14	1.7	19	94	70	5.82	20
J992452		0.36	0.011	2.4	7.15	300	1160	1.3	<2	1.14	1.9	16	102	70	5.95	20
J992453		0.46	0.009	1.0	8.33	111	860	1.7	<2	1.32	1.3	25	65	58	5.64	20
J992454		0.34	0.003	0.6	8.26	54	790	1.4	<2	1.68	1.0	19	67	50	4.53	20
J992455		0.26	0.004	0.5	8.94	36	570	1.6	<2	0.95	2.5	14	48	56	4.18	10
J992456		0.50	0.004	0.5	7.98	55	980	1.4	<2	0.87	0.5	24	101	79	5.45	20
J992457		0.34	0.004	<0.5	6.92	54	890	1.1	<2	0.69	0.7	20	186	63	5.18	10
J992458		0.40	0.013	1.2	8.07	60	730	1.2	<2	1.14	1.5	35	106	217	7.06	20
J992459		0.48	0.005	<0.5	5.61	36	750	1.0	<2	0.49	1.8	33	62	113	8.65	10
J992460		0.24	0.002	1.3	7.39	24	690	1.3	<2	2.24	2.3	11	70	54	3.14	10
J992461		0.34	0.005	0.9	6.38	25	1280	1.1	<2	1.14	1.1	14	125	42	4.04	10
J992462		0.32	0.007	1.4	7.75	32	920	1.4	<2	1.32	3.1	16	104	81	4.10	10
J992463		0.32	0.006	1.5	7.47	31	900	1.4	<2	1.84	4.1	16	108	72	3.87	20
J992464		0.46	0.001	0.6	7.84	39	1050	1.3	<2	0.66	0.9	16	135	43	4.54	20
J992465		0.36	0.002	0.8	8.23	33	990	1.6	<2	1.19	1.7	15	101	49	4.06	20
J992466		0.30	0.002	1.4	7.71	43	760	1.5	<2	1.85	2.2	14	75	52	3.46	20
J992467		0.38	0.001	0.6	7.13	33	920	1.6	<2	0.94	1.3	13	78	44	4.00	20
J992468		0.32	0.003	0.9	8.12	32	920	1.7	<2	0.85	1.4	16	96	44	4.05	20
J992469		0.34	0.002	1.1	7.85	37	710	1.5	<2	1.10	1.9	15	89	43	3.64	20
J992470		0.32	0.003	1.1	6.71	37	1220	1.2	<2	1.33	2.3	19	154	59	4.26	10
J992471		0.38	0.002	0.6	7.10	24	990	1.5	<2	1.14	1.3	15	92	44	3.94	20
J992472		0.32	0.003	1.1	7.67	31	950	1.3	<2	1.26	2.1	18	151	55	4.40	20
J992473		0.16	0.001	1.0	6.64	20	1760	1.2	<2	0.43	0.8	13	197	37	3.91	20
J992474		0.16	0.013	1.3	7.68	21	1020	1.5	<2	1.96	3.0	11	92	61	3.14	20
J992475		0.24	0.003	1.8	8.03	50	790	1.4	<2	0.83	1.6	16	72	47	4.49	20
J992476		0.18	0.007	1.7	8.20	42	1040	1.5	<2	1.01	1.5	16	86	65	4.25	20
J992477		0.20	0.010	4.0	7.83	90	920	1.5	<2	2.02	2.7	14	81	59	3.72	20
J992478		0.18	0.006	1.8	8.34	40	900	1.6	<2	1.56	2.5	12	81	67	3.64	20
J992479		0.20	0.001	0.5	7.81	37	1090	1.2	<2	0.90	0.9	16	87	40	4.56	20



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Page: 6 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
J992440		1.24	20	1.11	532	2	1.68	92	1190	15	0.03	<5	14	213	<20	0.40
J992441		1.00	20	1.44	1010	1	1.38	136	1500	12	0.08	<5	14	297	<20	0.29
J992442		1.08	20	1.11	551	2	1.53	70	1140	15	0.04	<5	12	281	<20	0.37
J992443		1.47	30	1.47	591	1	1.49	124	620	14	0.01	5	17	238	<20	0.36
J992444		1.39	20	1.28	787	2	1.50	159	870	14	0.04	<5	17	272	<20	0.34
J992445		1.30	20	0.73	1260	1	1.52	104	1210	18	0.03	5	16	280	<20	0.36
J992446		1.54	20	0.49	439	2	1.84	79	970	15	0.04	<5	13	234	<20	0.37
J992447		1.79	20	0.60	732	2	1.54	143	1140	34	0.02	15	18	200	<20	0.27
J992448		1.33	20	0.35	434	2	1.62	39	1840	21	0.05	<5	11	200	<20	0.36
J992449		0.91	20	0.40	201	2	1.19	63	1130	11	0.05	<5	12	175	<20	0.31
J992450		1.14	20	0.86	1825	1	1.40	152	1810	16	0.07	<5	15	310	<20	0.34
J992451		1.28	20	1.32	880	1	1.23	70	1660	11	0.04	<5	19	514	<20	0.40
J992452		1.28	10	1.09	952	3	1.15	63	1610	20	0.03	<5	15	293	<20	0.37
J992453		1.10	20	1.14	911	3	1.20	74	1290	13	0.03	<5	13	384	<20	0.31
J992454		1.15	20	1.14	732	1	1.41	49	1030	15	0.04	<5	13	334	<20	0.36
J992455		0.91	30	0.64	429	2	1.37	37	1110	14	0.05	<5	11	222	<20	0.34
J992456		1.45	20	1.61	709	2	1.45	51	760	12	0.02	<5	15	223	<20	0.36
J992457		1.14	20	1.61	682	3	1.32	64	1370	12	0.02	<5	13	203	<20	0.32
J992458		1.52	30	1.65	1990	1	1.58	64	1650	11	0.04	5	37	189	<20	0.33
J992459		1.35	20	1.33	1960	3	0.81	39	2580	10	0.03	9	28	74	<20	0.28
J992460		0.97	20	0.60	1240	1	1.53	49	1860	15	0.09	<5	10	348	<20	0.32
J992461		1.25	20	1.30	746	2	1.47	68	1010	10	0.03	<5	13	221	<20	0.29
J992462		1.05	20	1.04	1265	1	1.40	101	2000	14	0.06	<5	15	272	<20	0.33
J992463		1.00	20	1.04	1720	1	1.36	92	1870	15	0.07	<5	13	320	<20	0.32
J992464		1.19	20	1.06	448	2	1.66	83	1010	12	0.03	<5	12	184	<20	0.32
J992465		1.25	20	1.04	1100	1	1.59	75	1850	15	0.03	<5	13	251	<20	0.36
J992466		1.06	20	0.77	1425	2	1.28	68	2440	17	0.07	<5	12	317	<20	0.33
J992467		1.64	30	0.92	744	2	1.22	84	1150	18	0.02	<5	14	198	<20	0.33
J992468		1.24	30	0.91	558	2	1.51	67	680	14	0.02	<5	14	202	<20	0.38
J992469		1.00	20	0.82	856	2	1.28	81	1460	13	0.06	<5	12	224	<20	0.34
J992470		1.21	20	1.34	1230	3	1.46	150	1300	13	0.05	<5	18	237	<20	0.29
J992471		1.53	30	1.03	700	6	1.43	97	950	10	0.02	<5	17	211	<20	0.32
J992472		1.10	20	1.23	1145	2	1.37	144	1170	10	0.04	<5	15	216	<20	0.33
J992473		1.16	20	1.33	435	2	1.38	87	980	9	0.02	<5	12	125	<20	0.32
J992474		1.01	20	0.83	1830	1	1.39	73	2150	12	0.09	<5	12	320	<20	0.33
J992475		1.08	20	1.02	1275	2	1.85	52	1640	15	0.03	<5	12	190	<20	0.33
J992476		1.41	20	1.13	968	2	1.50	60	1400	11	0.03	<5	15	227	<20	0.33
J992477		1.21	20	0.94	1365	1	1.62	83	1570	15	0.07	5	14	371	<20	0.36
J992478		1.15	20	0.82	1055	1	1.67	79	1010	12	0.03	<5	15	309	<20	0.38
J992479		1.42	20	1.43	604	1	1.73	45	810	7	0.01	<5	16	241	<20	0.39

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





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Page: 6 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

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**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ti	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
J992440		<10	<10	132	<10	153
J992441		<10	<10	113	<10	147
J992442		<10	<10	115	<10	147
J992443		<10	<10	151	<10	222
J992444		<10	<10	143	<10	180
J992445		<10	<10	123	<10	232
J992446		<10	10	127	<10	171
J992447		<10	<10	193	<10	217
J992448		<10	<10	98	<10	106
J992449		<10	<10	92	<10	120
J992450		<10	<10	102	<10	169
J992451		<10	<10	194	<10	233
J992452		<10	<10	193	<10	255
J992453		<10	<10	123	<10	224
J992454		<10	<10	119	<10	126
J992455		<10	<10	75	<10	125
J992456		<10	<10	159	<10	122
J992457		<10	10	142	<10	116
J992458		<10	<10	215	<10	122
J992459		<10	<10	204	<10	128
J992460		<10	<10	65	<10	109
J992461		<10	<10	135	<10	128
J992462		<10	<10	103	<10	187
J992463		<10	<10	97	<10	203
J992464		<10	10	119	<10	205
J992465		<10	<10	106	<10	249
J992466		<10	<10	77	<10	188
J992467		<10	<10	102	<10	172
J992468		<10	<10	102	<10	175
J992469		<10	<10	83	<10	134
J992470		<10	<10	126	<10	183
J992471		<10	<10	120	<10	126
J992472		<10	<10	115	<10	164
J992473		<10	<10	119	<10	135
J992474		<10	<10	77	<10	191
J992475		<10	<10	116	<10	179
J992476		<10	<10	127	<10	153
J992477		<10	<10	93	<10	159
J992478		<10	<10	89	<10	142
J992479		<10	<10	165	<10	158



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Page: 7 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
J992480		0.24	0.018	0.6	6.55	34	2200	1.2	<2	0.59	1.5	18	245	66	4.15	20
J992481		0.18	0.004	1.0	8.02	20	1280	1.6	<2	1.22	2.2	17	168	64	4.05	20
J992482		0.28	0.012	0.6	6.27	48	1840	1.0	<2	0.75	0.8	17	210	53	4.05	10
J992483		0.20	0.005	2.8	7.75	24	1160	1.4	<2	1.51	4.3	19	158	149	4.41	10
J992484		0.20	0.003	<0.5	8.89	19	660	1.6	<2	0.75	0.8	13	58	31	3.48	20
J992485		0.18	0.009	1.2	8.33	172	800	1.6	<2	1.49	1.2	13	76	42	3.62	20
J992486		0.20	0.014	0.5	7.16	125	910	1.2	<2	1.63	1.4	17	101	59	5.21	10
J992487		0.20	0.011	0.5	8.37	78	1580	1.3	<2	0.28	0.9	19	238	51	5.83	20
J992488		0.22	0.018	0.7	7.60	49	810	1.4	<2	0.77	0.7	14	72	40	4.12	10
J992489		0.24	0.013	1.4	7.81	132	980	1.3	<2	1.81	2.3	19	106	78	4.68	20
J992490		0.18	0.015	0.7	7.78	120	950	1.1	<2	1.41	2.3	19	119	47	4.78	20
J992491		0.20	0.005	1.0	7.81	47	740	1.4	<2	1.38	1.4	15	82	48	3.99	10
J992492		0.24	0.011	<0.5	7.21	76	1040	1.2	<2	1.22	1.6	22	118	65	4.78	20
J992493		0.22	0.011	0.7	7.46	79	880	1.1	<2	0.66	0.6	13	98	48	4.57	20
J992494		0.20	0.007	0.6	7.07	38	910	1.2	<2	1.02	1.2	14	58	53	4.41	20
J992495		0.22	0.001	<0.5	6.78	40	790	1.1	<2	0.92	0.5	17	74	55	4.11	10
J992496		0.20	0.053	<0.5	6.90	48	940	1.2	<2	0.89	0.7	16	81	71	4.55	20
J992497		0.20	0.002	1.2	7.34	51	740	1.2	<2	0.79	1.3	29	195	144	6.09	10
J992498		0.34	0.005	1.1	7.91	96	750	1.5	<2	1.02	0.8	14	69	37	3.84	20
J992499		0.48	0.006	0.5	7.28	67	930	1.2	<2	1.08	0.7	21	72	109	4.61	20
H540701		0.16	0.008	0.8	7.28	57	1080	1.3	<2	1.58	1.6	19	109	53	4.58	20
H540702		0.18	<0.001	1.0	8.08	12	580	1.5	<2	2.20	1.0	8	23	30	2.62	20
H540703		0.14	<0.001	1.5	7.03	18	510	1.4	<2	2.77	3.3	9	51	68	2.82	20
H540704		0.18	0.030	0.7	7.31	76	730	1.3	<2	1.20	1.1	29	163	99	6.18	20
H540705		0.30	0.019	1.0	7.07	63	960	1.1	<2	1.26	0.5	18	183	96	5.56	20
H540706		0.26	<0.001	0.6	7.35	23	680	1.2	<2	0.92	0.8	11	65	36	4.68	20
H540707		0.20	0.003	0.8	6.92	57	720	1.2	<2	1.48	1.2	12	66	70	3.60	20
H540708		0.14	<0.001	1.7	6.72	34	520	1.3	<2	2.88	3.7	9	53	74	2.56	10
H540709		0.18	0.005	2.1	8.74	34	510	1.6	2	2.02	1.7	9	37	42	2.96	20
H540710		0.18	0.006	1.0	7.05	48	590	1.3	<2	2.31	2.1	10	53	43	3.24	20
H540711		0.18	0.008	<0.5	7.68	111	760	1.3	<2	0.98	0.6	13	66	30	4.32	20
H540712		0.36	0.011	0.5	7.42	21	2090	1.4	<2	0.28	0.8	22	311	82	5.75	20
H540713		0.26	0.005	1.4	7.93	18	1190	1.4	<2	1.33	1.5	14	114	49	3.75	20
H540714		0.28	0.007	1.3	7.15	27	1560	1.2	<2	1.14	1.2	17	175	49	4.87	20
H540715		0.30	0.005	1.6	7.19	16	1930	1.2	<2	0.90	1.1	14	189	41	4.35	20
H540716		0.28	0.009	2.5	7.40	15	1370	1.4	<2	1.93	2.9	15	119	100	3.76	10
H540717		0.36	0.009	1.2	6.44	18	2490	1.2	<2	0.67	1.1	16	192	61	4.33	20
H540718		0.34	0.008	0.6	6.30	17	1660	1.1	2	0.54	1.1	17	160	45	4.44	10
H540719		0.24	0.005	1.2	8.62	10	990	1.7	<2	1.65	2.0	14	82	53	3.70	20
H540720		0.30	0.004	1.0	7.96	16	960	1.4	<2	0.73	<0.5	8	83	31	3.28	20



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 VANCOUVER BC V6E 2R1

Page: 7 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VAI0098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
J992480		1.51	30	1.99	643	2	1.34	139	1170	6	0.01	<5	20	148	<20	0.30
J992481		1.19	30	1.34	1390	2	1.44	143	1280	12	0.03	<5	18	235	<20	0.34
J992482		1.40	20	1.73	653	3	1.48	122	1300	9	0.01	5	17	181	<20	0.29
J992483		1.34	20	1.34	1605	1	1.27	246	1240	11	0.05	<5	26	252	<20	0.33
J992484		1.13	20	0.57	410	1	1.76	31	790	11	0.04	<5	10	192	<20	0.34
J992485		1.21	20	0.75	645	2	1.71	66	930	13	0.04	<5	14	288	<20	0.35
J992486		1.13	20	0.93	701	2	1.18	77	1220	15	0.05	5	19	300	<20	0.34
J992487		1.65	20	0.52	282	2	1.32	147	620	7	0.02	<5	20	250	<20	0.30
J992488		1.21	20	0.81	348	2	1.45	49	600	12	0.03	<5	12	198	<20	0.33
J992489		1.22	20	0.97	1615	3	1.20	87	2090	18	0.09	6	20	307	<20	0.33
J992490		1.22	20	1.10	870	2	1.32	80	950	14	0.04	<5	18	278	<20	0.34
J992491		1.09	20	0.82	777	2	1.44	51	810	10	0.03	<5	13	270	<20	0.36
J992492		1.35	20	1.59	847	2	1.42	67	570	12	0.02	<5	18	300	<20	0.35
J992493		1.20	20	0.83	509	2	1.36	48	1240	7	0.03	<5	13	211	<20	0.32
J992494		1.24	20	0.99	846	3	1.55	36	2710	9	0.02	6	12	314	<20	0.36
J992495		1.22	20	1.39	642	1	1.50	31	1430	8	0.02	<5	14	206	<20	0.30
J992496		1.31	20	1.31	906	1	1.56	33	2060	8	0.01	<5	15	210	<20	0.34
J992497		1.09	20	1.88	1355	1	1.18	68	1490	11	0.03	<5	19	186	<20	0.37
J992498		1.22	20	0.86	765	2	1.59	32	1200	10	0.03	<5	12	235	<20	0.37
J992499		1.36	30	1.36	1035	2	1.51	38	980	10	0.02	<5	18	219	<20	0.35
H540701		1.45	20	1.03	968	2	1.30	79	1330	12	0.04	6	18	275	<20	0.32
H540702		1.20	20	0.48	751	1	2.08	20	1330	12	0.06	<5	9	360	<20	0.34
H540703		0.82	20	0.54	1485	1	1.27	36	1890	14	0.11	<5	9	359	<20	0.31
H540704		1.03	20	1.64	669	3	1.14	78	1210	12	0.05	<5	18	210	<20	0.30
H540705		1.36	20	2.10	504	2	1.44	80	1710	10	0.04	<5	25	271	<20	0.30
H540706		1.12	10	0.93	375	2	1.67	25	550	12	0.03	5	11	227	<20	0.35
H540707		1.09	20	0.98	1195	1	1.55	33	1030	11	0.05	<5	13	263	<20	0.31
H540708		0.83	20	0.52	1950	2	1.26	30	2470	12	0.14	<5	10	375	<20	0.29
H540709		1.05	20	0.51	573	1	1.78	25	1080	15	0.05	<5	10	326	<20	0.36
H540710		0.92	20	0.61	1025	1	1.37	25	1070	15	0.07	<5	9	333	<20	0.34
H540711		1.08	20	0.82	463	2	1.47	30	1160	14	0.02	<5	11	244	<20	0.36
H540712		1.55	20	0.83	747	3	1.65	206	1190	11	0.02	6	15	104	<20	0.29
H540713		1.03	20	0.90	864	1	1.43	92	1320	14	0.05	<5	12	240	<20	0.32
H540714		1.22	20	1.32	1480	2	1.59	105	2150	13	0.03	<5	13	217	<20	0.33
H540715		1.13	20	1.25	881	2	1.57	90	1120	12	0.03	<5	12	189	<20	0.33
H540716		1.13	20	1.04	1575	2	1.57	145	1910	19	0.08	<5	15	308	<20	0.32
H540717		1.54	20	1.54	1030	2	1.65	122	1560	10	0.02	<5	17	149	<20	0.32
H540718		1.02	20	1.10	866	3	1.48	96	1230	13	0.03	5	11	128	<20	0.29
H540719		1.06	20	0.79	1680	1	1.55	80	2120	16	0.05	<5	13	285	<20	0.37
H540720		1.11	10	0.62	425	2	1.75	35	1300	13	0.04	<5	8	181	<20	0.34

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Page: 7 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ti	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
J992480		<10	<10	173	<10	145
J992481		<10	<10	118	<10	139
J992482		<10	<10	163	<10	131
J992483		<10	<10	126	<10	194
J992484		<10	<10	75	<10	102
J992485		<10	<10	85	<10	102
J992486		<10	<10	143	<10	151
J992487		<10	<10	204	<10	213
J992488		<10	<10	104	<10	136
J992489		<10	<10	134	<10	221
J992490		<10	<10	145	<10	234
J992491		<10	<10	110	<10	175
J992492		<10	<10	165	<10	135
J992493		<10	<10	123	<10	133
J992494		<10	<10	127	<10	163
J992495		<10	<10	124	<10	101
J992496		<10	<10	124	<10	122
J992497		<10	<10	147	<10	155
J992498		<10	<10	92	<10	155
J992499		<10	<10	129	<10	91
H540701		<10	<10	136	<10	139
H540702		<10	<10	41	<10	87
H540703		<10	<10	57	<10	127
H540704		<10	<10	139	<10	124
H540705		<10	<10	175	<10	154
H540706		<10	10	115	<10	104
H540707		<10	<10	103	<10	90
H540708		<10	<10	53	<10	95
H540709		<10	<10	48	<10	84
H540710		<10	<10	77	<10	184
H540711		<10	<10	109	<10	168
H540712		<10	<10	166	<10	227
H540713		<10	<10	98	<10	123
H540714		<10	<10	140	<10	231
H540715		<10	<10	122	<10	142
H540716		<10	<10	90	<10	165
H540717		<10	<10	160	<10	153
H540718		<10	<10	122	<10	144
H540719		<10	<10	79	<10	207
H540720		<10	10	75	<10	107

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Page: 8 - A  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H540721		0.38	0.014	1.1	6.27	42	1760	1.1	<2	0.59	0.9	17	168	56	4.72	10
H540722		0.34	0.009	1.4	6.62	16	1560	1.2	<2	0.95	1.3	15	151	49	3.86	10
H540723		0.32	0.003	0.6	7.90	19	1070	1.5	<2	1.01	1.1	15	104	38	4.05	20
H540724		0.30	0.008	1.2	5.86	19	1290	1.1	<2	2.26	2.3	13	126	55	3.37	10
H540725		0.18	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
H540726		0.20	NSS	<0.5	1.68	6	410	<0.5	<2	5.22	2.0	3	25	31	0.84	10
H540727		0.18	0.006	0.6	7.76	17	930	1.4	<2	1.26	1.5	17	136	42	4.52	20
H540728		0.22	0.009	0.9	7.18	20	1190	1.3	<2	0.61	1.2	16	146	48	5.04	10
H540729		0.18	0.006	1.3	7.63	17	1000	1.4	<2	1.47	2.5	15	136	61	4.00	10
H540730		0.24	0.008	1.3	7.90	17	1090	1.5	<2	0.67	1.6	13	115	44	4.00	20
H540731		0.22	0.004	1.1	8.11	18	1070	1.5	<2	0.86	1.1	12	117	37	3.93	20
H540732		0.22	0.029	0.7	7.08	19	1400	1.3	<2	0.49	0.8	18	166	49	4.70	10
H540733		0.22	0.004	2.7	8.58	15	860	1.6	<2	0.80	0.6	12	77	33	4.02	20
H540734		0.20	0.004	1.5	7.82	11	1180	1.4	<2	0.66	0.7	12	124	41	3.92	20
H540735		0.18	0.005	1.4	9.27	12	680	1.8	<2	1.30	0.8	10	46	31	3.08	20
H540736		0.30	0.017	0.6	6.12	35	1870	1.1	<2	0.45	1.7	22	247	79	6.15	10
H540737		0.18	0.008	1.8	7.62	18	1310	1.4	<2	1.47	1.4	15	135	43	4.23	10



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 VANCOUVER BC V6E 2R1

Page: 8 - B  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
H540721		1.10	20	1.30	859	2	1.58	113	1240	12	0.02	<5	13	157	<20	0.30
H540722		1.19	20	1.22	1020	2	1.52	99	1130	14	0.02	<5	13	195	<20	0.32
H540723		1.10	20	0.96	364	2	1.56	62	790	13	0.02	<5	11	225	<20	0.35
H540724		1.04	20	1.03	1420	2	1.22	93	2050	11	0.10	<5	13	314	<20	0.29
H540725		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
H540726		0.27	<10	0.26	455	1	0.32	22	820	3	0.12	<5	3	527	<20	0.08
H540727		0.93	20	1.10	353	3	1.27	95	840	13	0.04	<5	11	217	<20	0.31
H540728		1.12	20	1.09	323	3	1.43	98	650	13	0.03	<5	11	157	<20	0.31
H540729		1.07	20	1.28	1220	2	1.56	118	1470	11	0.06	<5	14	248	<20	0.34
H540730		1.18	20	0.84	631	2	1.73	80	800	12	0.04	<5	13	180	<20	0.35
H540731		1.15	20	1.02	441	2	1.47	83	1090	14	0.02	<5	11	198	<20	0.35
H540732		1.25	20	1.27	454	2	1.54	110	1030	11	0.02	<5	12	141	<20	0.31
H540733		1.19	20	0.62	525	3	1.83	36	2900	11	0.03	<5	9	196	<20	0.36
H540734		1.20	20	0.95	805	2	1.66	68	1800	12	0.02	<5	10	174	<20	0.34
H540735		1.11	20	0.53	803	1	1.83	42	1280	15	0.03	<5	9	255	<20	0.35
H540736		1.23	30	1.51	1135	2	1.57	147	1680	17	0.01	5	18	117	<20	0.23
H540737		1.06	20	0.90	935	1	1.45	102	1450	13	0.05	<5	13	262	<20	0.32



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Page: 8 - C  
 Total # Pages: 8 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 3-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098977**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Ti	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
H540721		<10	<10	127	<10	186
H540722		<10	<10	119	<10	149
H540723		<10	<10	108	<10	168
H540724		<10	<10	104	<10	145
H540725		NSS	NSS	NSS	NSS	NSS
H540726		<10	<10	25	<10	57
H540727		<10	<10	117	<10	130
H540728		<10	10	123	<10	127
H540729		<10	<10	108	<10	171
H540730		<10	<10	107	<10	120
H540731		<10	<10	112	<10	204
H540732		<10	<10	133	<10	195
H540733		<10	<10	89	<10	116
H540734		<10	<10	105	<10	143
H540735		<10	<10	57	<10	103
H540736		<10	<10	132	<10	135
H540737		<10	<10	101	<10	155



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Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 3-AUG-2010  
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**CERTIFICATE OF ANALYSIS VA10098977**

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.





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Page: 1  
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**CERTIFICATE VA10098978**

Project: Monashee  
 P.O. No.:  
 This report is for 2 Sediment samples submitted to our lab in Vancouver, BC, Canada on 21-JUL-2010.  
 The following have access to data associated with this certificate:

BEN AINSWORTH GARRETT AINSWORTH	GARRETT AINSWORTH	BEN AINSWORTH
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**SAMPLE PREPARATION**

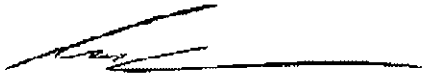
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: ESO URANIUM CORP.  
 ATTN: GARRETT AINSWORTH  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 4-AUG-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098978**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H540749		0.90	0.014	<0.5	6.98	45	1020	1.0	<2	1.08	1.3	20	132	60	4.46	20
H540750		0.74	0.003	0.8	7.06	62	1210	0.9	<2	0.99	1.5	17	177	47	4.42	20



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Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Finalized Date: 4-AUG-2010  
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Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098978**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
H540749		1.41	20	1.67	857	<1	1.63	66	1130	8	0.03	8	18	267	<20	0.27
H540750		1.37	10	1.59	674	<1	1.63	118	990	6	0.03	7	17	203	<20	0.24



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Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Finalized Date: 4-AUG-2010  
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Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098978**

Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H540749		<10	<10	157	<10	159
H540750		<10	<10	156	<10	181



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Page: 1  
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**CERTIFICATE VA10098979**

Project: Monashee

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 21-JUL-2010.

The following have access to data associated with this certificate:

BEN AINSWORTH  
GARRETT AINSWORTH

GARRETT AINSWORTH

BEN AINSWORTH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

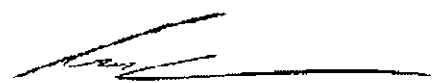
**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 30-JUL-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098979**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.001	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H540792		1.84	0.006	0.7	4.89	<5	380	0.6	<2	0.09	<0.5	3	44	46	2.72	10
H540793		0.54	0.009	0.6	8.27	35	1970	1.0	3	1.74	0.6	8	77	57	4.31	20



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Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Finalized Date: 30-JUL-2010  
 Account: ESOURA

Project: Monashee

**CERTIFICATE OF ANALYSIS VA10098979**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
H540792		1.16	10	0.76	175	2	0.90	8	160	9	0.04	<5	17	79	<20	0.26
H540793		1.80	10	1.99	303	2	1.75	18	890	6	0.11	9	27	1050	<20	0.56



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Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Finalized Date: 30-JUL-2010  
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**CERTIFICATE OF ANALYSIS VA10098979**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Tl	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
H540792		<10	10	151	<10	43
H540793		<10	10	288	<10	122