BC Geological Survey Assessment Report 31963



Exploration 2010

Mineral Tenures 513516 & 606445

Diamond Drill Program & Reconnaissance Donna Gold Project

Vernon Mining Division British Columbia

BCGS Maps 082L018 & 019

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

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Garrett Paul Ainsworth, B.Tech.

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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:

| BCGS Maps | 082L018 and 082L019 |
|------------------|---|
| UTM North | 5551174 to 5556282 m (NAD 83, Zone 11N) |
| UTM East | 397561 to 400784 m (NAD 83, Zone 11N) |
| Mining Division | Vernon |
| Exploration Area | Monashee Mountain |
| Project Name | Donna Gold Project |

Property Location Information:

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 15th, 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. 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:

Property Title Description

| Title Name | Tenure # | Area (ha) | Registered Owner | Expiry | | | | |
|------------|---------------|-----------|--|---------------------------------|--|--|--|--|
| DONNA | 513516 724.85 | | Harold Jones & Matthew York- Hardy | December 1 st , 2013 | | | | |
| DONNATOO | 606445 | 352.17 | Benjamin Ainsworth (for ESO Uranium Corp.) | December 1 st , 2013 | | | | |

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 Celsuis 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 placer 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 & 5). 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 and Figure 4). 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 4). 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 4) (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 and Figure 4). 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. There soil geochemical survey shows that gold is anomalous to strongly anomalous at several locations on ESO's property. In 1994, Cameco drilled MON4-1 to 99.5 m at an angle of -50° to the northeast on mineral tenure 606445 (Figure 3), 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 and Figure 4). The best intersection was 10.1 g/t gold and 6.2 g/t silver over 0.6 m 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 5 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 previous 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 6 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.

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 volcaniclastic 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). Drilling in 2010 expanded the diorite unit into a south facing bowl shape based on diorite intersected and its apparent relationship with a strong arsenic in soil anomaly.

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. Northwesterlystriking 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 alterated 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

Drilling comprised 850 m of NQ core with NW casing in 7 holes (D10-1 to D10-7) between September 8th and September 19th, 2010. Field preparation for the drill program took place from August 31st to September 4th, 2010. Hardcore Diamond Drilling of Penticton, BC was the contractor, and utilized an Atlas Copco CS-1000 diamond drill for this program. The drill crew worked two 12-hour shifts per day. All holes were tested for dip deviations using acid tests. The core was logged by Garrett P. Ainsworth, project geologist with ESO Uranium Corp. All drill site preparation, road access, and reclamation was performed by the drill contractor's D7 Caterpillar.

The core is located at the Lodge Inn Retreat at 63 Begbie Road in Cherryville, BC. The purpose of the drill program was to test the area of historical trenching (D10-1 to D10-5), and geochemically anomalous areas (D10-6 and D10-7). The drill hole summary is shown in Table 1, and drill hole locations are shown in Figure 7.

In addition, prospecting and reconnaissance rock geochemical sampling was carried out in the area of the East Branch of Yeoward Pup (Figure 9) on September 5th and 6th, 2010. Previous work by ESO in this area identified anomalous gold and pathfinder elements in soil and stream sediments. Three representative rock samples were recovered from bedrock at two different locations.

A Garmin GPSmap 60CSx® was utilized to locate all drill hole and rock 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 Drill Core

3.1.1 Sampling Method

Drill core received to the core logging facility in Cherryville was initially checked to ascertain that all core depths were correct. The core was then logged with a Panasonic Tough Book Laptop where major/minor geology, alteration, structure, mineralization, and sample intervals were recorded. Sampling intervals range from 0.5 to 2 m in core length. The drill logs are included as Appendix D.

Whenever favorable structure, alteration, and/or mineralization was observed in the core it was halved with a core splitter. A total of 313 drill core samples were recovered from 7 drill holes during the drill program from September 8th to 19th, 2010. Each sample was collected in a 12" by 20" six mil poly ore sample bag, which was sealed with a zap strap. The drill core 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 drill core samples were logged into ALS Chemex on September 20^{th} , 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 μ m.

All samples were fire assayed as a 30 g (nominal) aliquot, and the fire assay beads were analyzed by inductively-coupled plasma mass spectrometry (ICP-MS) techniques (ALS Group Au-ICP21). Samples over 1 ppm gold were re-assayed as a 30 g (nominal) aliquot of the original pulp, and the fire assay bead was measured gravimetrically (ALS Group Au-GRA21).

A 33 element analysis was done on each sample with a four acid digestion followed by ICP-MS techniques (ALS Group ME-ICP61). Samples over 100 ppm silver were analyzed Ore using a higher range of detection limits (ALS Group Ag-OG62). The ALS Chemex certificates of analysis are included in Appendix E.

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 and silver mineralization has been identified in 6 out of 7 drill holes as broad anomalous zones (greater than 0.1 ppm gold) with higher grade veining. High grade gold and silver values appear to be confined to narrow sulphide mineralized quartz veins (less than 10 cm) with carbonate rich selvages. Anomalous to low grade gold and silver values are found over several meters in carbonate rich skarn, and diorite. Shale and sandstone units typically have gold and silver values at background levels.

Pathfinder elements that show an association with the gold-silver zones includes a population of anomalous copper, lead, and zinc values and a second population with

anomalous arsenic, antimony, and zinc values. These values are reflected in stream sediment and soil geochemical anomalies shown in the earlier regional and detailed sampling programs. The two populations of pathfinder elements suggest that gold was emplaced in multiple mineralizing events.

D10-1 was drilled to test the numerous narrow gold and silver mineralized quartz veins found in historical Trench 4. Additionally, an unsuccessful attempt was made to intersect the projected Nelson pluton intrusion for gold porphyry potential. The hole collared in skarn that is intruded by diorite to 102.80 m. This is underlain by Triassic Nicola – Slocan Group calcareous shale and sandstone to the end of hole at 297.33 m. Occasional fining upward sequences were noted in the Triassic sediments, which may be indicative of distal turbidite deposition within a deep sea environment. D10-1 contains two anomalous gold zones that include 0.21 ppm Au over 32.1 m (10.4 to 42.5 m), and 0.18 ppm over 4.8 m (64.2 to 69.0 m).

D10-2 was drilled to test numerous narrow gold and silver mineralized quartz veins found at the intersection of historical Trenches 3 and 5. The hole collared in skarn that is intruded by diorite and by younger cross cutting mafic dykes to 58.95 m. This is underlain by calcareous shale to 93.57 m. This drill hole contains three anomalous gold zones that include 0.11 ppm Au over 10.0 m (10.5 to 20.5 m), 0.10 ppm Au over 12.35 m (25.75 to 38.1 m), and 0.12 ppm Au over 17.7 m (41.3 to 59.0 m).

D10-3 was drilled up slope and northwest of D10-2 to test an area where free gold in soil had been discovered by a past employee of El Paso Mining and Milling Company (Harold Jones). The hole collared in skarn that is intruded by diorite to 65.90 m. Skarn and calcareous shale are increasingly intercalated towards their contact, where the hole terminates in calcareous shale at 87.48 m. Only narrow mineralized quartz veins were sampled, so geochemical data to show wide anomalous gold zones is not presently available. The best result in this hole is 0.82 ppm Au over 0.65 m (16.35 to 17.0 m).

D10-4 was drilled to test a west dipping hematite shear with lenses of massive sulphides up to 0.40 m thick, and other mineralized quartz veins in historical Trench 6. The drill hole intersected skarn that is intruded by diorite to 64.25 m. The hematite shear was intersected from 14.8 to 15.3 m, and assayed 19.35 ppm Au and 287 ppm Ag over 0.5 m. The skarn unit is underlain by calcareous sandstone to 77.2 m, which is underlain by calcareous shale to 93.57 m. This drill hole contains several narrow zones anomalous with gold, and two wider anomalous gold zones that include 0.50 ppm Au over 30.8 m (11.7 to 42.5 m), and 1.45 ppm Au over 1.6 m (62.7 to 64.3 m).

D10-5 was drilled as a data infill hole between D10-1 and D10-4 to test for potential gold and silver mineralized quartz veins. The hole collared in skarn and calcareous sediments that are intruded by diorite to 72.6 m. This is underlain by calcareous sandstone to 78.5 m, which is underlain by calcareous shale to 90.53 m. This drill hole contains two anomalous gold zones that include 0.42 ppm Au over 3.6 m (28.0 to 31.6 m), and 1.56 ppm Au over 7.5 m (37.1 to 44.6 m).

D10-6 is located about 800 m west of the historical trenches, and was drilled to test a gold soil anomaly that was delineated in July 2010 by ESO. The hole collared in calcareous shale to the end of the hole at 78.33 m. No significant gold mineralization was intersected in this hole. The best result is 0.04 ppm over 0.5 m (43.5 to 44.0 m).

D10-7 is located about 1000 m west of the historical trenches, and was drilled to test a very strong arsenic soil anomaly with values up to 2750 ppm (Ainsworth, 2010) that was delineated in July 2010 by ESO. The drill hole collared in coarse to medium grained diorite that contains skarn to 102.6 m. This sequence is underlain by a medium grained granodiorite to 108.81 m. The arsenic soil anomaly drilled at this location connects with anomalous arsenic in soils in the area of the historical trenches to the east (Ainsworth, 2010). The mineralized diorite intrusive and skarn units intersected at D10-7 and in the area of historical trenching suggests that the arsenic soil anomaly may be associated with this mineralized geological sequence. This drill hole contained several narrow zones anomalous with gold with a best result of 1.89 ppm Au over 0.5 m (30.75 to 31.25 m).

All of the drill core geochemical results are presented in Table 2. The gold, silver, and pathfinder element results are shown in the drill logs in Appendix D, and the laboratory geochemical assay reports are in Appendix E.

3.2 Rock Geochemistry

3.2.1 Sampling Method

A total of 3 rock samples were recovered in the area of the East Branch of Yeoward Pup (Figure 9) on September 5th and 6th, 2010. Sampling was carried out as grab samples from iron stained quartz vein bedrock with trace pyrite at two locations. The rock samples were transported by the ESO project geologist to ALS Chemex in North Vancouver for analysis.

3.2.2 Sample Preparation, Analysis, and Quality Control

The rock samples were logged into ALS Chemex on September 20th, 2010. Sample preparation and analytical methods are the same as for the drill core in section 3.1.2. The ALS Chemex certificates of analysis are included in Appendix E.

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

3.2.3 Results

The rock samples were recovered from quartz vein bedrock (D-10-3 to D-10-5) at two locations adjacent to the East Branch Yeoward Pup. All of the quartz rock samples contained trace pyrite, which has subsequently resulted in strong iron oxide staining on the exposed surfaces and within vugs. All three 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 September 2010 comprised NQ diamond drilling of 850 m in seven drill holes within mineral tenure 513516, and reconnaissance rock sampling at the East Branch of Yeoward Pup within mineral tenure 606445.

Five drill holes (D10-1 to D10-5) were located in an area that has been historically trenched, and 2 drill holes (D10-6 and D10-7) tested gold and arsenic soil anomalies west of the trenches. Gold mineralization was identified in 6 out of 7 drill holes as broad anomalous zones (greater than 0.1 ppm gold) with higher grade veining. The results indicate a strongly anomalous zone that extends west from the trenching and is open (as yet undrilled) further to the west along the soils anomaly.

Highlights of the September 2010 drill program include:

- D10-1 contains two anomalous gold zones that include 0.21 ppm Au over 32.1 m (10.4 to 42.5 m), and 0.18 ppm over 4.8 m (64.2 to 69.0 m);
- D10-2 contains three anomalous gold zones that include 0.11 ppm Au over 10.0 m (10.5 to 20.5 m), 0.10 ppm Au over 12.35 m (25.75 to 38.1 m), and 0.12 ppm Au over 17.7 m (41.3 to 59.0 m);
- D10-3 contains several narrow zones anomalous with gold with a best result of 0.82 ppm Au over 0.65 m (16.35 to 17.0 m);
- D10-4 contains several narrow zones anomalous with gold, and two wider anomalous gold zones that include 0.50 ppm Au over 30.8 m (11.7 to 42.5 m), and 1.45 ppm Au over 1.6 m (62.7 to 64.3 m);
- D10-5 contains two anomalous gold zones that include 0.42 ppm Au over 3.6 m (28.0 to 31.6 m), and 1.56 ppm Au over 7.5 m (37.1 to 44.6 m);
- D10-7 contained several narrow zones anomalous with gold with a best result of 1.89 ppm Au over 0.5 m (30.75 to 31.25 m).

All drill holes in the area of the historical trenches intersected broad anomalous gold zones with higher grade veining. Drill hole D10-7 is located 1000 m to the west of the historical trenches, and represents a similar geological environment with gold

mineralization. A very strong arsenic in soil anomaly links the area of historical trenches and D10-7.

Rock samples D-10-3 to D-10-5 returned background levels for gold and all pathfinder elements. Reconnaissance rock sampling did not locate the source for anomalous gold and pathfinder elements found in soil and stream sediments in the area of the East Branch of Yeoward Pup.

5.0 **RECOMMENDATIONS**

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. A subsequent induced polarization survey should cover the area between the historical trenches and drill hole D10-7. Drill targets in this area should be selected based on geophysical signatures that confirm mineralization within the area of the historical trenches. The data produced from these geophysical surveys should be used in conjunction with past geochemical data to finalize the selection of diamond drill targets. The arsenic in soil anomaly that connects the historical trenches and D10-7 should be tested further as it may represent the mineralized diorite intrusive and skarn units.

Drill targets should continue to 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. Continued attempts should be made to intercept the possible calc-alkaline intrusive pluton unit below the inter-layered sedimentary, extrusive, and intrusive dyke/sill rocks. 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.

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.

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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.
- 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 30th day of November 2010.

lin R

Garrett Ainsworth, B.Tech.

FIGURES



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| | URANIUM CORP. | | | | | | | | | | |
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| | ESO Uranium Corp. | | | | | | | | | | |
| | Figure 1 - Location Donna Gold Project Monashee Mountain, BC | | | | | | | | | | |
| | GPA - November 2010 | | | | | | | | | | |









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GPA - November 2010







TABLES

TABLE 1

Drill Hole Summary

Table 1 2010 Drill Hole Summary Donna Gold Project Monashee Mountain

| Drill Hole | UTM Easting (NAD83, Z11) | UTM Northing (NAD83, Z11) | Azimuth | Dip | Depth (m) | Target | Notes |
|---------------------|-----------------------------|------------------------------|---------|-----|--------------|-----------------------------------|-----------------------------------|
| D10-1 | 399520 | 5554613 | 270 | -75 | 297.33 | Trench #4 | 47 m NE of main trail |
| D10-2 | 399644 | 5554603 | 270 | -75 | 93.57 | Trench #5 | Trench #5 & #3 intersection |
| D10-3 | 399606 | 5554614 | 270 | -75 | 87.48 | Trench #5 | NW of Trench #5 & #3 Intersection |
| D10-4 | 399352 | 5554752 | 90 | -60 | 93.57 | Trench #6 | Trench 6 Extention |
| D10-5 | 399450 | 5554684 | 90 | -60 | 90.53 | Infill between D10-1 & D10-4 | @ intersection with main trail |
| D10-6 | 398504 | 5554814 | 90 | -70 | 78.33 | Au soil anomaly between L11 & L12 | |
| D10-7 | 398341 | 5554601 | - | -90 | 108.81 | As soil anomaly between L9 & L10 | |
| Total Meters | Drilled = | | | | 849.62 | | |

TABLE 2

Drill Core Geochemical Results

Table 2 Drill Core Geochemical Results Donna Gold Project Monashee Mountain, British Columbia

| | Sample | | | | | | | | | 1 | Paramete | er | | | | | | | | |
|----------|------------|-------|-------|-------|-------|------|--------|------|-----|-----|----------|-------|-----|-----|-----|------|-----|------|----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-1 | 36001 | 3.70 | 5.00 | 0.004 | 1.7 | 6.2 | 11 | 520 | 0.5 | <2 | 13.7 | 0.6 | 13 | 141 | 34 | 3 | 10 | 0.76 | 20 | 1.58 |
| D10-1 | 36002 | 5.00 | 7.00 | 0.004 | 1 | 5.71 | 20 | 700 | 0.6 | <2 | 13.5 | 0.5 | 10 | 91 | 36 | 3.02 | 10 | 0.96 | 20 | 1.55 |
| D10-1 | 36003 | 7.00 | 9.00 | 0.011 | 4.3 | 7.04 | 188 | 730 | 0.6 | <2 | 11.15 | 0.9 | 14 | 98 | 96 | 3.93 | 10 | 1.28 | 20 | 1.84 |
| D10-1 | 36004 | 9.00 | 10.40 | 0.004 | 1.7 | 5.87 | 11 | 770 | 0.7 | <2 | 12.8 | < 0.5 | 10 | 120 | 40 | 3.41 | 10 | 1.11 | 20 | 1.6 |
| D10-1 | 36005 | 10.40 | 10.90 | 0.225 | 20.8 | 6.27 | 485 | 1680 | 0.8 | <2 | 4.12 | 1.6 | 10 | 30 | 181 | 3.06 | 10 | 4.92 | 30 | 0.87 |
| D10-1 | 36006 | 10.90 | 13.00 | 0.007 | 2 | 6.21 | 42 | 1130 | 0.8 | <2 | 10.65 | < 0.5 | 11 | 99 | 61 | 3.37 | 10 | 1.53 | 20 | 1.76 |
| D10-1 | 36007 | 13.00 | 15.00 | 0.012 | 1.4 | 6.02 | 72 | 790 | 0.7 | <2 | 11.6 | 0.6 | 12 | 109 | 37 | 3.11 | 10 | 1.4 | 20 | 1.75 |
| D10-1 | 36008 | 15.00 | 17.00 | 0.355 | 48 | 5.39 | 99 | 910 | 0.6 | <2 | 12.4 | 0.6 | 10 | 99 | 78 | 2.67 | 10 | 1.43 | 20 | 1.66 |
| D10-1 | 36009 | 17.00 | 19.00 | 0.004 | 0.7 | 6.87 | 6 | 1130 | 0.8 | <2 | 8.96 | < 0.5 | 13 | 116 | 67 | 3.38 | 10 | 1.75 | 20 | 1.92 |
| D10-1 | 36010 | 19.00 | 20.00 | 0.016 | 4.6 | 6.04 | 46 | 940 | 0.7 | <2 | 9.3 | 1.6 | 11 | 102 | 52 | 3.13 | 10 | 1.79 | 20 | 1.61 |
| D10-1 | 36011 | 20.00 | 22.00 | 0.108 | 4.3 | 6.36 | 508 | 930 | 0.7 | <2 | 9.5 | 1.6 | 14 | 121 | 53 | 3.65 | 10 | 1.7 | 20 | 1.47 |
| D10-1 | 36012 | 22.00 | 23.00 | 0.011 | 2.2 | 6.4 | 78 | 1110 | 0.7 | <2 | 9.26 | < 0.5 | 12 | 101 | 47 | 3.69 | 10 | 1.5 | 20 | 1.96 |
| D10-1 | 36013 | 23.00 | 24.40 | 0.004 | 1.5 | 6.02 | 8 | 860 | 0.6 | <2 | 11 | < 0.5 | 12 | 86 | 58 | 3.15 | 10 | 1.42 | 20 | 1.84 |
| D10-1 | 36014 | 24.40 | 26.00 | 0.019 | 1.9 | 5.7 | 80 | 680 | 0.5 | <2 | 14.7 | < 0.5 | 11 | 117 | 40 | 2.7 | 10 | 1.02 | 20 | 1.86 |
| D10-1 | 36015 | 26.00 | 28.00 | 0.006 | 1.6 | 6.22 | 47 | 1030 | 0.6 | <2 | 8.65 | < 0.5 | 13 | 97 | 46 | 3.18 | 10 | 1.43 | 20 | 2.63 |
| D10-1 | 36016 | 28.00 | 30.00 | 0.121 | 1.3 | 6.15 | 1080 | 1190 | 0.8 | <2 | 8.86 | 0.6 | 11 | 86 | 41 | 2.85 | 10 | 1.88 | 20 | 1.9 |
| D10-1 | 36017 | 30.00 | 32.60 | 0.273 | 2.4 | 7.18 | 2490 | 1460 | 1.2 | <2 | 6.96 | < 0.5 | 14 | 40 | 74 | 3.57 | 10 | 3.69 | 30 | 1.22 |
| D10-1 | 36018 | 32.60 | 34.50 | 1.33 | 3.4 | 5.9 | >10000 | 720 | 1.1 | <2 | 6.21 | < 0.5 | 15 | 34 | 23 | 5.53 | 10 | 2.28 | 30 | 1.26 |
| D10-1 | 36019 | 34.50 | 36.60 | 0.143 | 1.2 | 7.3 | 622 | 720 | 1.2 | <2 | 6.26 | < 0.5 | 21 | 46 | 37 | 6.75 | 20 | 2.15 | 30 | 2.59 |
| D10-1 | 36020 | 36.60 | 38.60 | 0.028 | 1.3 | 4.97 | 58 | 510 | 1 | <2 | 10.7 | < 0.5 | 14 | 30 | 56 | 5.43 | 10 | 1.36 | 30 | 4.5 |
| D10-1 | 36021 | 38.60 | 39.30 | 1.3 | 1.8 | 7.11 | 5250 | 640 | 1.2 | <2 | 8.67 | 0.6 | 19 | 49 | 40 | 5.62 | 20 | 1.72 | 30 | 1.7 |
| D10-1 | 36022 | 39.30 | 41.40 | 0.1 | 2.5 | 7.37 | 542 | 680 | 1.3 | <2 | 6.04 | < 0.5 | 20 | 40 | 47 | 7.09 | 20 | 2.18 | 30 | 2.64 |
| D10-1 | 36023 | 41.40 | 42.50 | 0.518 | 4.1 | 8.08 | 995 | 610 | 1.3 | <2 | 6.66 | 1.4 | 22 | 38 | 39 | 7.18 | 20 | 1.78 | 30 | 2.83 |
| D10-1 | 36024 | 44.80 | 46.00 | 0.45 | 3.4 | 7.88 | 1005 | 940 | 1.4 | <2 | 5.55 | < 0.5 | 23 | 37 | 47 | 7.28 | 20 | 2.74 | 30 | 2.9 |
| D10-1 | 36025 | 46.10 | 47.10 | 0.23 | 4.3 | 7.07 | 553 | 820 | 1.4 | <2 | 5.87 | 1 | 23 | 38 | 32 | 7.25 | 20 | 2.47 | 30 | 2.86 |
| D10-1 | 36026 | 50.10 | 51.20 | 0.801 | 3.3 | 7 | 4960 | 570 | 1.3 | <2 | 6.46 | 0.5 | 23 | 37 | 25 | 7.82 | 20 | 2.42 | 30 | 2.04 |
| D10-1 | 36027 | 53.70 | 54.30 | 0.113 | 10 | 6.6 | 564 | 1000 | 0.9 | <2 | 9.2 | 1.2 | 15 | 84 | 54 | 4.76 | 10 | 1.75 | 30 | 2.81 |
| D10-1 | 36028 | 54.80 | 55.60 | 0.337 | 1.8 | 6.67 | 1040 | 960 | 1.1 | <2 | 9.84 | < 0.5 | 14 | 84 | 43 | 4.66 | 10 | 2 | 10 | 2.55 |
| D10-1 | 36029 | 60.60 | 61.70 | 0.84 | 8.5 | 7.06 | 3100 | 580 | 1.5 | 2 | 5.78 | 0.9 | 17 | 38 | 45 | 6.26 | 10 | 2.57 | 20 | 2.34 |
| D10-1 | 36030 | 63.00 | 63.50 | 0.319 | 0.8 | 7.82 | 541 | 1090 | 1.6 | 2 | 5.28 | < 0.5 | 19 | 33 | 50 | 6.76 | 10 | 3.24 | 20 | 2.62 |
| D10-1 | 36031 | 64.20 | 64.70 | 1.3 | 5.8 | 5.68 | 5550 | 490 | 1.2 | 2 | 4.89 | 0.8 | 12 | 32 | 35 | 5.09 | 10 | 2.19 | 20 | 1.24 |
| D10-1 | 36032 | 64.70 | 66.00 | 0.045 | 0.7 | 6.93 | 296 | 930 | 1.1 | <2 | 8.24 | < 0.5 | 14 | 103 | 46 | 4.97 | 10 | 1.99 | 20 | 2.55 |
| D10-1 | 36033 | 66.00 | 67.00 | 0.104 | 0.8 | 7.68 | 1290 | 1290 | 1 | <2 | 9.08 | < 0.5 | 15 | 127 | 52 | 4.32 | 10 | 1.88 | 10 | 2.11 |
| D10-1 | 36034 | 67.00 | 68.00 | 0.005 | 0.5 | 7.35 | 13 | 1070 | 0.7 | <2 | 9.93 | < 0.5 | 10 | 106 | 49 | 3.95 | 10 | 1.5 | 10 | 1.92 |
| D10-1 | 36035 | 68.00 | 69.00 | 0.021 | 0.5 | 7.08 | 93 | 960 | 1 | <2 | 9.29 | < 0.5 | 13 | 101 | 49 | 4.72 | 10 | 1.81 | 10 | 2.48 |
| D10-1 | 36036 | 78.50 | 79.50 | 0.006 | < 0.5 | 6.01 | 23 | 770 | 0.8 | <2 | 9.38 | < 0.5 | 12 | 111 | 48 | 3.92 | 10 | 0.99 | 10 | 2.18 |
| D10-1 | 36037 | 81.50 | 82.50 | 0.13 | 1.9 | 5.32 | 889 | 940 | 0.7 | <2 | 10.85 | 0.5 | 11 | 132 | 93 | 4.17 | <10 | 1.33 | 10 | 2.03 |
| D10-1 | 36038 | 83.00 | 85.00 | 0.012 | 0.8 | 5.88 | 50 | 1020 | 0.7 | <2 | 11.2 | < 0.5 | 8 | 89 | 52 | 3.11 | 10 | 1.53 | 10 | 1.85 |
| D10-1 | 36039 | 85.00 | 87.00 | 0.007 | 1.2 | 7.02 | 24 | 1180 | 1.1 | <2 | 7.62 | < 0.5 | 10 | 75 | 66 | 3.67 | 10 | 2.52 | 20 | 1.68 |
| D10-1 | 36040 | 87.00 | 89.00 | 0.013 | 1 | 6.75 | 221 | 1200 | 1 | <2 | 8.4 | < 0.5 | 10 | 69 | 57 | 3.71 | 10 | 2.49 | 20 | 1.71 |
| D10-1 | 36041 | 89.00 | 91.00 | 0.013 | 0.8 | 6.21 | 72 | 1190 | 0.9 | <2 | 9.25 | < 0.5 | 11 | 101 | 65 | 3.64 | 10 | 1.83 | 10 | 1.95 |
| Units | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % | | |

Table 2 Drill Core Geochemical Results Donna Gold Project Monashee Mountain, British Columbia

| | Sample | | | | | | | | | I | Paramete | er | | | | | | | | |
|----------|------------|-------|-------|------|-----|------|-----|------|------|------|----------|-----|------|-----|------|-----|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T1 | U | V | W | Zn |
| D10-1 | 36001 | 3.70 | 5.00 | 674 | 2 | 2.26 | 61 | 710 | <2 | 0.46 | <5 | 14 | 1280 | <20 | 0.33 | <10 | <10 | 116 | <10 | 115 |
| D10-1 | 36002 | 5.00 | 7.00 | 545 | 8 | 1.35 | 54 | 710 | 4 | 0.38 | 5 | 14 | 1290 | <20 | 0.31 | <10 | 10 | 132 | <10 | 110 |
| D10-1 | 36003 | 7.00 | 9.00 | 812 | 5 | 2.25 | 55 | 890 | 816 | 1.23 | 852 | 15 | 1300 | <20 | 0.4 | <10 | <10 | 144 | <10 | 104 |
| D10-1 | 36004 | 9.00 | 10.40 | 864 | 33 | 1.37 | 59 | 770 | <2 | 0.45 | <5 | 14 | 1100 | <20 | 0.32 | <10 | <10 | 205 | <10 | 118 |
| D10-1 | 36005 | 10.40 | 10.90 | 364 | 2 | 1.27 | 16 | 760 | 2010 | 1.35 | 1895 | 11 | 897 | <20 | 0.22 | <10 | <10 | 129 | <10 | 36 |
| D10-1 | 36006 | 10.90 | 13.00 | 547 | 30 | 1.44 | 59 | 960 | 8 | 0.7 | 15 | 16 | 1110 | <20 | 0.35 | <10 | 10 | 211 | <10 | 110 |
| D10-1 | 36007 | 13.00 | 15.00 | 649 | 20 | 1.43 | 64 | 710 | <2 | 0.46 | 7 | 15 | 1020 | <20 | 0.33 | <10 | <10 | 155 | <10 | 101 |
| D10-1 | 36008 | 15.00 | 17.00 | 647 | 28 | 1.24 | 52 | 770 | 33 | 0.37 | 35 | 13 | 1140 | <20 | 0.29 | <10 | <10 | 145 | <10 | 100 |
| D10-1 | 36009 | 17.00 | 19.00 | 452 | 17 | 1.72 | 70 | 850 | <2 | 0.7 | <5 | 17 | 1060 | <20 | 0.39 | <10 | <10 | 194 | <10 | 93 |
| D10-1 | 36010 | 19.00 | 20.00 | 658 | 18 | 1.35 | 64 | 820 | 7 | 0.83 | 20 | 16 | 1010 | <20 | 0.35 | <10 | <10 | 203 | <10 | 111 |
| D10-1 | 36011 | 20.00 | 22.00 | 527 | 8 | 1.31 | 66 | 760 | 35 | 1.35 | 26 | 16 | 911 | <20 | 0.36 | <10 | <10 | 168 | <10 | 117 |
| D10-1 | 36012 | 22.00 | 23.00 | 479 | 2 | 1.61 | 62 | 850 | 2 | 0.92 | 6 | 17 | 1210 | <20 | 0.38 | <10 | <10 | 166 | <10 | 125 |
| D10-1 | 36013 | 23.00 | 24.40 | 489 | 4 | 1.43 | 55 | 720 | <2 | 0.59 | <5 | 15 | 1410 | <20 | 0.31 | <10 | <10 | 146 | <10 | 98 |
| D10-1 | 36014 | 24.40 | 26.00 | 633 | 2 | 1.58 | 62 | 660 | <2 | 0.42 | 5 | 13 | 1620 | <20 | 0.3 | <10 | <10 | 110 | <10 | 96 |
| D10-1 | 36015 | 26.00 | 28.00 | 512 | 6 | 1.51 | 67 | 730 | <2 | 0.42 | 7 | 15 | 1130 | <20 | 0.35 | <10 | <10 | 146 | <10 | 104 |
| D10-1 | 36016 | 28.00 | 30.00 | 618 | 6 | 1.47 | 52 | 710 | 3 | 0.71 | 7 | 14 | 1030 | <20 | 0.31 | <10 | 10 | 143 | <10 | 95 |
| D10-1 | 36017 | 30.00 | 32.60 | 786 | 4 | 1.75 | 19 | 1710 | 10 | 1.7 | 7 | 19 | 902 | <20 | 0.33 | <10 | 10 | 168 | 10 | 50 |
| D10-1 | 36018 | 32.60 | 34.50 | 1085 | 2 | 1.32 | 9 | 2280 | 18 | 2.54 | 30 | 26 | 612 | <20 | 0.38 | <10 | <10 | 214 | 10 | 58 |
| D10-1 | 36019 | 34.50 | 36.60 | 1150 | 1 | 1.4 | 12 | 3340 | 3 | 0.88 | 9 | 38 | 677 | <20 | 0.57 | <10 | <10 | 329 | <10 | 109 |
| D10-1 | 36020 | 36.60 | 38.60 | 1235 | 4 | 0.68 | 14 | 1790 | 6 | 0.9 | 6 | 19 | 752 | <20 | 0.32 | <10 | <10 | 189 | <10 | 110 |
| D10-1 | 36021 | 38.60 | 39.30 | 1065 | 1 | 1.48 | 20 | 2910 | 6 | 2.14 | 21 | 30 | 807 | <20 | 0.5 | <10 | <10 | 250 | 10 | 80 |
| D10-1 | 36022 | 39.30 | 41.40 | 1195 | 1 | 1.56 | 7 | 2880 | 217 | 1.2 | 214 | 31 | 819 | <20 | 0.51 | <10 | <10 | 287 | <10 | 108 |
| D10-1 | 36023 | 41.40 | 42.50 | 1240 | 1 | 1.69 | 10 | 3130 | 490 | 0.66 | 486 | 33 | 1040 | <20 | 0.54 | <10 | <10 | 304 | <10 | 156 |
| D10-1 | 36024 | 44.80 | 46.00 | 1115 | 1 | 1.82 | 10 | 3080 | 180 | 1.12 | 179 | 35 | 905 | <20 | 0.56 | <10 | <10 | 299 | <10 | 107 |
| D10-1 | 36025 | 46.10 | 47.10 | 1320 | 1 | 1.54 | 7 | 3120 | 904 | 1.03 | 912 | 36 | 799 | <20 | 0.55 | <10 | <10 | 300 | <10 | 108 |
| D10-1 | 36026 | 50.10 | 51.20 | 1200 | 1 | 1.28 | 11 | 2930 | 14 | 3.57 | 19 | 33 | 615 | <20 | 0.48 | <10 | <10 | 281 | 10 | 82 |
| D10-1 | 36027 | 53.70 | 54.30 | 834 | 3 | 1.21 | 49 | 1850 | 1130 | 0.93 | 1140 | 27 | 1030 | <20 | 0.44 | <10 | <10 | 252 | <10 | 106 |
| D10-1 | 36028 | 54.80 | 55.60 | 1345 | <1 | 1.7 | 64 | 1740 | 20 | 1.55 | 18 | 26 | 937 | <20 | 0.44 | <10 | <10 | 265 | 10 | 74 |
| D10-1 | 36029 | 60.60 | 61.70 | 1055 | <1 | 1.95 | 10 | 2580 | 737 | 1.91 | 683 | 29 | 706 | <20 | 0.42 | <10 | <10 | 244 | <10 | 88 |
| D10-1 | 36030 | 63.00 | 63.50 | 1070 | <1 | 1.91 | 6 | 2930 | 18 | 2.38 | 13 | 32 | 896 | <20 | 0.47 | <10 | <10 | 266 | <10 | 87 |
| D10-1 | 36031 | 64.20 | 64.70 | 857 | <1 | 1.41 | 6 | 1950 | 626 | 3.39 | 597 | 21 | 680 | <20 | 0.3 | <10 | <10 | 184 | 10 | 44 |
| D10-1 | 36032 | 64.70 | 66.00 | 957 | 4 | 1.77 | 50 | 1720 | 11 | 1.09 | 13 | 23 | 991 | <20 | 0.41 | <10 | <10 | 209 | <10 | 92 |
| D10-1 | 36033 | 66.00 | 67.00 | 754 | 6 | 1.84 | 78 | 850 | 37 | 1.53 | 29 | 19 | 1120 | <20 | 0.42 | <10 | 10 | 173 | <10 | 76 |
| D10-1 | 36034 | 67.00 | 68.00 | 695 | 4 | 1.78 | 76 | 840 | 7 | 1.22 | 5 | 19 | 1120 | <20 | 0.43 | <10 | 10 | 189 | <10 | 83 |
| D10-1 | 36035 | 68.00 | 69.00 | 886 | 11 | 1.72 | 74 | 1270 | 7 | 1.05 | 6 | 19 | 1065 | <20 | 0.38 | <10 | <10 | 183 | <10 | 99 |
| D10-1 | 36036 | 78.50 | 79.50 | 626 | 5 | 1.38 | 91 | 910 | 5 | 0.65 | 25 | 16 | 924 | <20 | 0.35 | <10 | <10 | 158 | <10 | 120 |
| D10-1 | 36037 | 81.50 | 82.50 | 547 | 30 | 1.25 | 109 | 710 | 133 | 1.66 | 40 | 14 | 979 | <20 | 0.3 | <10 | <10 | 143 | <10 | 95 |
| D10-1 | 36038 | 83.00 | 85.00 | 474 | 18 | 1.34 | 73 | 720 | 6 | 0.33 | 87 | 14 | 1145 | <20 | 0.31 | <10 | <10 | 154 | <10 | 118 |
| D10-1 | 36039 | 85.00 | 87.00 | 462 | 21 | 1.9 | 47 | 1130 | 6 | 1.17 | 38 | 15 | 961 | <20 | 0.31 | <10 | 10 | 158 | <10 | 76 |
| D10-1 | 36040 | 87.00 | 89.00 | 598 | 4 | 1.75 | 57 | 1080 | 7 | 1.28 | 54 | 16 | 952 | <20 | 0.32 | <10 | <10 | 166 | <10 | 84 |
| D10-1 | 36041 | 89.00 | 91.00 | 499 | 7 | 1.58 | 79 | 880 | 2 | 0.85 | 44 | 16 | 991 | <20 | 0.34 | <10 | <10 | 164 | <10 | 100 |
| Units | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | | |

Table 2 Drill Core Geochemical Results Donna Gold Project Monashee Mountain, British Columbia

| | Sample | Parameter | | | | | | | | | | | | | | | | | | |
|----------|------------|-----------|--------|-------|-------|------|-----|------|-----|-----|-------|-------|----|-----|----|------|----|------|----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-1 | 36042 | 96.00 | 97.00 | 0.004 | 0.5 | 5.95 | 21 | 1250 | 0.8 | <2 | 10.25 | < 0.5 | 11 | 127 | 56 | 3.43 | 10 | 1.38 | 10 | 2.16 |
| D10-1 | 36043 | 97.00 | 98.00 | 0.007 | 0.6 | 6.05 | 8 | 1060 | 0.8 | <2 | 9.26 | < 0.5 | 13 | 136 | 57 | 3.73 | 10 | 1.33 | 10 | 2.43 |
| D10-1 | 36044 | 103.00 | 104.00 | 0.005 | 0.7 | 5.74 | 42 | 1680 | 0.6 | <2 | 10.1 | < 0.5 | 12 | 185 | 45 | 3.07 | 10 | 1.06 | 10 | 2.3 |
| D10-1 | 36045 | 108.00 | 109.00 | 0.025 | 1.1 | 5.18 | 114 | 1120 | 0.7 | <2 | 8.14 | 1.1 | 10 | 136 | 38 | 3.09 | 10 | 1.56 | 10 | 1.32 |
| D10-1 | 36046 | 113.00 | 114.00 | 0.017 | 0.9 | 5.91 | 37 | 1200 | 0.8 | <2 | 9.16 | 0.7 | 12 | 171 | 57 | 3.47 | 10 | 1.65 | 10 | 2.1 |
| D10-1 | 36047 | 117.00 | 118.00 | 0.021 | 1 | 6.34 | 82 | 760 | 0.7 | <2 | 9.26 | 0.6 | 11 | 176 | 46 | 3.66 | 10 | 1.75 | 10 | 1.8 |
| D10-1 | 36048 | 121.30 | 121.80 | 0.009 | 0.6 | 5.6 | 27 | 1400 | 0.7 | <2 | 9.73 | < 0.5 | 10 | 141 | 46 | 3.21 | 10 | 1.78 | 10 | 2.36 |
| D10-1 | 36049 | 123.00 | 123.50 | 0.005 | 0.8 | 5.48 | 8 | 1020 | 0.5 | <2 | 11.75 | 0.5 | 10 | 155 | 38 | 2.96 | 10 | 1 | 10 | 2.03 |
| D10-1 | 36050 | 131.00 | 132.00 | 0.004 | 0.5 | 7.31 | 10 | 1490 | 0.7 | <2 | 8.59 | < 0.5 | 15 | 301 | 29 | 3.53 | 10 | 1.14 | 10 | 3.03 |
| D10-1 | 36051 | 136.60 | 137.10 | 0.009 | 0.5 | 6.69 | 47 | 790 | 0.7 | <2 | 5.95 | 0.5 | 11 | 112 | 47 | 3.9 | 10 | 0.76 | 10 | 2.56 |
| D10-1 | 36052 | 142.00 | 143.00 | 0.013 | 0.9 | 5.84 | 13 | 1250 | 0.7 | <2 | 8.83 | 0.5 | 12 | 183 | 44 | 3.45 | 10 | 1.39 | 10 | 2.42 |
| D10-1 | 36053 | 147.50 | 148.50 | 0.004 | 0.5 | 6.57 | 18 | 1160 | 0.5 | <2 | 9.26 | < 0.5 | 15 | 350 | 32 | 3.53 | 10 | 0.95 | 10 | 2.89 |
| D10-1 | 36054 | 153.00 | 154.00 | 0.004 | < 0.5 | 6.58 | 12 | 1090 | 0.6 | <2 | 9.64 | < 0.5 | 14 | 244 | 27 | 3.29 | 10 | 0.87 | 10 | 2.93 |
| D10-1 | 36055 | 159.00 | 160.00 | 0.008 | 0.6 | 5.93 | 14 | 1150 | 0.6 | <2 | 9.07 | < 0.5 | 11 | 169 | 31 | 3.12 | 10 | 1.11 | 10 | 1.98 |
| D10-1 | 36056 | 164.40 | 164.90 | 0.006 | 0.5 | 6.18 | 9 | 1140 | 0.6 | <2 | 9.63 | 0.6 | 10 | 135 | 36 | 3.13 | 10 | 1.16 | 10 | 2.02 |
| D10-1 | 36057 | 170.00 | 171.00 | 0.006 | 0.6 | 5.94 | 8 | 1070 | 0.7 | <2 | 9.92 | 0.5 | 10 | 138 | 46 | 3.16 | 10 | 1.29 | 10 | 2.01 |
| D10-1 | 36058 | 176.00 | 177.00 | 0.003 | 0.8 | 6.56 | <5 | 1010 | 0.8 | <2 | 5.9 | 0.7 | 13 | 132 | 54 | 3.77 | 10 | 1.25 | 10 | 2.39 |
| D10-1 | 36059 | 182.00 | 183.00 | 0.024 | 0.8 | 6.99 | <5 | 1160 | 0.8 | <2 | 5.38 | 0.7 | 12 | 129 | 49 | 4.28 | 10 | 1.29 | 10 | 2.64 |
| D10-1 | 36060 | 188.00 | 189.00 | 0.003 | < 0.5 | 6.83 | 8 | 1500 | 0.7 | <2 | 6.08 | < 0.5 | 14 | 280 | 35 | 3.75 | 10 | 1.18 | 10 | 3.37 |
| D10-1 | 36061 | 194.00 | 195.00 | 0.005 | 0.7 | 5.66 | <5 | 1290 | 0.7 | <2 | 8.86 | 0.7 | 10 | 123 | 54 | 3.3 | 10 | 1.39 | 10 | 2.07 |
| D10-1 | 36062 | 201.00 | 202.00 | 0.003 | 0.6 | 5.6 | 5 | 1190 | 0.7 | <2 | 9.2 | 0.7 | 10 | 120 | 42 | 3.07 | 10 | 1.38 | 10 | 2.6 |
| D10-1 | 36063 | 208.00 | 209.00 | 0.007 | 0.6 | 5.87 | <5 | 1110 | 0.6 | <2 | 11.1 | 0.6 | 14 | 215 | 45 | 3.37 | 10 | 1.2 | 10 | 2.63 |
| D10-1 | 36064 | 214.00 | 215.00 | 0.003 | < 0.5 | 4.86 | 11 | 820 | 0.6 | <2 | 10.75 | 1.1 | 12 | 120 | 40 | 2.73 | 10 | 0.99 | 10 | 2.01 |
| D10-1 | 36065 | 220.50 | 221.50 | 0.004 | < 0.5 | 5.72 | <5 | 1200 | 0.7 | <2 | 9.4 | 0.9 | 11 | 166 | 44 | 3.11 | 10 | 1.37 | 10 | 2.4 |
| D10-1 | 36066 | 226.00 | 227.00 | 0.005 | < 0.5 | 5.64 | 7 | 1220 | 0.8 | <2 | 6.66 | 1.2 | 12 | 126 | 46 | 3.22 | 10 | 1.49 | 10 | 2.69 |
| D10-1 | 36067 | 232.00 | 233.00 | 0.003 | < 0.5 | 5.35 | 14 | 1290 | 0.7 | <2 | 9.16 | 0.8 | 13 | 167 | 40 | 3.07 | 10 | 1.34 | 10 | 2.63 |
| D10-1 | 36068 | 238.00 | 239.00 | 0.003 | < 0.5 | 5.85 | 5 | 1220 | 0.7 | <2 | 8.36 | 0.6 | 13 | 181 | 46 | 3.17 | 10 | 1.37 | 10 | 2.36 |
| D10-1 | 36069 | 245.20 | 245.70 | 0.007 | < 0.5 | 4.74 | 24 | 750 | 0.6 | <2 | 9.09 | 0.9 | 10 | 121 | 49 | 3.03 | 10 | 1.22 | 10 | 2.06 |
| D10-1 | 36070 | 250.50 | 251.50 | 0.007 | < 0.5 | 5.24 | <5 | 1190 | 0.6 | <2 | 9.66 | 1 | 12 | 143 | 40 | 2.99 | 10 | 1.07 | 10 | 2.24 |
| D10-1 | 36071 | 256.40 | 257.50 | 0.003 | < 0.5 | 6.03 | <5 | 1260 | 0.8 | <2 | 7.71 | 1.1 | 11 | 119 | 46 | 3.29 | 10 | 1.25 | 10 | 2.5 |
| D10-1 | 36072 | 263.00 | 263.50 | 0.005 | < 0.5 | 6.04 | <5 | 1270 | 0.8 | 3 | 7.06 | 1 | 13 | 138 | 50 | 3.49 | 10 | 1.49 | 10 | 2.63 |
| D10-1 | 36073 | 269.00 | 270.00 | 0.006 | < 0.5 | 5.54 | <5 | 1090 | 0.7 | <2 | 9.97 | 1.1 | 12 | 123 | 49 | 3.11 | 10 | 1.16 | 10 | 2.48 |
| D10-1 | 36074 | 273.50 | 274.00 | 0.005 | < 0.5 | 5.84 | <5 | 1180 | 0.7 | 2 | 7.67 | 1 | 12 | 165 | 46 | 3.38 | 10 | 1.38 | 10 | 3.02 |
| D10-1 | 36075 | 278.30 | 279.00 | 0.004 | < 0.5 | 5.1 | <5 | 1140 | 0.6 | <2 | 9.41 | 0.8 | 13 | 177 | 46 | 3.07 | 10 | 1.25 | 10 | 2.55 |
| D10-1 | 36076 | 283.50 | 284.50 | 0.005 | < 0.5 | 5.83 | <5 | 1090 | 0.6 | <2 | 7.98 | 1 | 12 | 129 | 44 | 3.4 | 10 | 1.32 | 10 | 2.5 |
| D10-1 | 36077 | 290.20 | 291.10 | 0.003 | < 0.5 | 5.67 | <5 | 1080 | 0.7 | <2 | 7.8 | 1.2 | 12 | 137 | 47 | 3.38 | 10 | 1.4 | 10 | 2.47 |
| D10-1 | 36078 | 295.00 | 296.00 | 0.003 | < 0.5 | 5.14 | 8 | 880 | 0.5 | <2 | 11.75 | 0.7 | 11 | 182 | 34 | 2.71 | 10 | 0.99 | 10 | 1.93 |
| D10-2 | 36079 | 3.70 | 4.20 | 0.009 | < 0.5 | 8.69 | 22 | 1640 | 1.2 | <2 | 9.25 | 0.5 | 14 | 61 | 54 | 4.75 | 20 | 2.31 | 10 | 2.41 |
| D10-2 | 36080 | 4.20 | 4.70 | 0.005 | < 0.5 | 6.91 | 71 | 1240 | 1.1 | <2 | 4.3 | < 0.5 | 16 | 30 | 95 | 5.18 | 20 | 3.37 | 10 | 1.71 |
| D10-2 | 36081 | 4.70 | 6.10 | 0.004 | < 0.5 | 7.9 | 19 | 1270 | 1.2 | <2 | 5.16 | < 0.5 | 17 | 39 | 63 | 5.42 | 20 | 3.6 | 10 | 2.13 |
| D10-2 | 36082 | 6.10 | 7.50 | 0.003 | < 0.5 | 8.14 | 12 | 1870 | 1.2 | <2 | 6.21 | < 0.5 | 13 | 32 | 42 | 4.96 | 20 | 3.79 | 20 | 2.23 |
| Units | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % | | | |
| | Sampl | | | | | | | | |] | Paramete | er | | | | | | | | |
|----------|------------|--------|--------|------|-----|------|-----|------|-----|------|----------|-----|------|-----|------|-----|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | Tl | U | V | W | Zn |
| D10-1 | 36042 | 96.00 | 97.00 | 473 | 1 | 1.41 | 99 | 800 | 5 | 1.01 | <5 | 15 | 980 | <20 | 0.32 | <10 | <10 | 152 | <10 | 113 |
| D10-1 | 36043 | 97.00 | 98.00 | 434 | 1 | 1.47 | 120 | 840 | 2 | 1.26 | <5 | 17 | 960 | <20 | 0.34 | <10 | <10 | 168 | <10 | 119 |
| D10-1 | 36044 | 103.00 | 104.00 | 523 | 1 | 1.72 | 108 | 690 | 7 | 0.81 | <5 | 14 | 1140 | <20 | 0.3 | <10 | 10 | 124 | <10 | 88 |
| D10-1 | 36045 | 108.00 | 109.00 | 392 | <1 | 0.87 | 90 | 640 | 5 | 1 | 22 | 14 | 559 | <20 | 0.27 | <10 | <10 | 143 | <10 | 147 |
| D10-1 | 36046 | 113.00 | 114.00 | 418 | <1 | 0.85 | 109 | 760 | 7 | 1.27 | 10 | 15 | 765 | <20 | 0.33 | <10 | <10 | 157 | <10 | 136 |
| D10-1 | 36047 | 117.00 | 118.00 | 489 | <1 | 0.7 | 98 | 700 | 5 | 1.47 | 40 | 15 | 655 | <20 | 0.32 | <10 | <10 | 142 | 10 | 128 |
| D10-1 | 36048 | 121.30 | 121.80 | 448 | <1 | 0.88 | 91 | 720 | 6 | 0.8 | <5 | 15 | 736 | <20 | 0.33 | <10 | <10 | 138 | <10 | 109 |
| D10-1 | 36049 | 123.00 | 123.50 | 614 | <1 | 1.69 | 83 | 600 | 4 | 0.99 | 5 | 12 | 1095 | <20 | 0.27 | <10 | <10 | 100 | <10 | 78 |
| D10-1 | 36050 | 131.00 | 132.00 | 614 | <1 | 2.62 | 136 | 690 | 5 | 0.42 | <5 | 16 | 853 | <20 | 0.38 | <10 | 10 | 122 | <10 | 95 |
| D10-1 | 36051 | 136.60 | 137.10 | 360 | <1 | 2.47 | 75 | 690 | 3 | 1.07 | <5 | 18 | 553 | <20 | 0.33 | <10 | 10 | 148 | <10 | 123 |
| D10-1 | 36052 | 142.00 | 143.00 | 434 | 1 | 1.36 | 120 | 750 | 6 | 1.05 | <5 | 15 | 791 | <20 | 0.31 | <10 | 10 | 149 | <10 | 115 |
| D10-1 | 36053 | 147.50 | 148.50 | 773 | <1 | 2.15 | 167 | 690 | 3 | 0.46 | <5 | 15 | 840 | <20 | 0.34 | <10 | 10 | 131 | <10 | 94 |
| D10-1 | 36054 | 153.00 | 154.00 | 625 | <1 | 2.38 | 131 | 660 | 4 | 0.36 | <5 | 15 | 783 | <20 | 0.34 | <10 | 10 | 127 | <10 | 86 |
| D10-1 | 36055 | 159.00 | 160.00 | 555 | <1 | 1.96 | 84 | 670 | 4 | 0.88 | <5 | 14 | 671 | <20 | 0.29 | <10 | 10 | 120 | <10 | 90 |
| D10-1 | 36056 | 164.40 | 164.90 | 480 | <1 | 1.96 | 77 | 690 | 4 | 0.63 | <5 | 15 | 863 | <20 | 0.31 | <10 | 10 | 130 | <10 | 109 |
| D10-1 | 36057 | 170.00 | 171.00 | 511 | <1 | 1.67 | 76 | 710 | 4 | 0.61 | <5 | 14 | 765 | <20 | 0.32 | <10 | <10 | 139 | <10 | 108 |
| D10-1 | 36058 | 176.00 | 177.00 | 343 | 1 | 1.89 | 86 | 720 | 9 | 0.83 | <5 | 16 | 597 | <20 | 0.36 | <10 | 10 | 170 | <10 | 153 |
| D10-1 | 36059 | 182.00 | 183.00 | 372 | <1 | 2.03 | 77 | 880 | 6 | 1.05 | <5 | 19 | 569 | <20 | 0.37 | <10 | 10 | 173 | <10 | 138 |
| D10-1 | 36060 | 188.00 | 189.00 | 519 | <1 | 2.14 | 149 | 720 | 4 | 0.45 | <5 | 16 | 650 | <20 | 0.36 | <10 | 10 | 148 | <10 | 103 |
| D10-1 | 36061 | 194.00 | 195.00 | 447 | <1 | 1.3 | 86 | 750 | 7 | 1.03 | <5 | 15 | 755 | <20 | 0.31 | <10 | <10 | 151 | <10 | 115 |
| D10-1 | 36062 | 201.00 | 202.00 | 401 | 1 | 1.05 | 106 | 710 | 4 | 0.7 | <5 | 14 | 825 | <20 | 0.3 | <10 | <10 | 146 | <10 | 115 |
| D10-1 | 36063 | 208.00 | 209.00 | 566 | 1 | 1.63 | 144 | 830 | 5 | 0.94 | <5 | 14 | 962 | <20 | 0.3 | <10 | 10 | 131 | <10 | 108 |
| D10-1 | 36064 | 214.00 | 215.00 | 388 | 2 | 1.27 | 93 | 630 | 8 | 0.78 | <5 | 12 | 868 | <20 | 0.27 | <10 | 10 | 129 | <10 | 108 |
| D10-1 | 36065 | 220.50 | 221.50 | 429 | 2 | 1.42 | 104 | 790 | 4 | 0.8 | <5 | 15 | 787 | <20 | 0.32 | <10 | 10 | 153 | <10 | 118 |
| D10-1 | 36066 | 226.00 | 227.00 | 332 | 2 | 0.92 | 91 | 720 | 5 | 0.79 | <5 | 15 | 632 | <20 | 0.32 | <10 | 10 | 156 | <10 | 155 |
| D10-1 | 36067 | 232.00 | 233.00 | 407 | 3 | 1.27 | 116 | 780 | 5 | 0.76 | <5 | 14 | 884 | <20 | 0.28 | <10 | 10 | 139 | <10 | 108 |
| D10-1 | 36068 | 238.00 | 239.00 | 396 | 2 | 1.61 | 107 | 730 | 3 | 0.95 | <5 | 15 | 842 | <20 | 0.32 | <10 | 10 | 139 | <10 | 102 |
| D10-1 | 36069 | 245.20 | 245.70 | 375 | 2 | 0.52 | 83 | 700 | 5 | 0.94 | 12 | 13 | 759 | <20 | 0.26 | <10 | 10 | 129 | <10 | 132 |
| D10-1 | 36070 | 250.50 | 251.50 | 419 | 1 | 1.55 | 94 | 690 | 10 | 0.74 | <5 | 14 | 928 | <20 | 0.29 | <10 | 10 | 135 | <10 | 131 |
| D10-1 | 36071 | 256.40 | 257.50 | 388 | 1 | 1.6 | 87 | 720 | 8 | 0.81 | <5 | 16 | 902 | <20 | 0.33 | <10 | 10 | 148 | <10 | 141 |
| D10-1 | 36072 | 263.00 | 263.50 | 397 | 2 | 1.48 | 98 | 810 | 5 | 0.82 | <5 | 17 | 809 | <20 | 0.35 | <10 | 10 | 160 | <10 | 132 |
| D10-1 | 36073 | 269.00 | 270.00 | 410 | 2 | 1.66 | 89 | 780 | 6 | 1.05 | <5 | 14 | 906 | <20 | 0.29 | <10 | 10 | 136 | <10 | 140 |
| D10-1 | 36074 | 273.50 | 274.00 | 400 | 2 | 1.26 | 121 | 760 | 7 | 0.84 | <5 | 15 | 773 | <20 | 0.32 | <10 | 10 | 158 | <10 | 127 |
| D10-1 | 36075 | 278.30 | 279.00 | 415 | 2 | 1.14 | 117 | 680 | 6 | 0.88 | <5 | 13 | 825 | <20 | 0.27 | <10 | 10 | 133 | <10 | 110 |
| D10-1 | 36076 | 283.50 | 284.50 | 473 | 2 | 1.63 | 109 | 770 | 4 | 0.7 | <5 | 15 | 710 | <20 | 0.32 | <10 | 10 | 147 | <10 | 118 |
| D10-1 | 36077 | 290.20 | 291.10 | 413 | 2 | 1.39 | 96 | 760 | 3 | 0.94 | <5 | 15 | 706 | <20 | 0.32 | <10 | 10 | 157 | <10 | 168 |
| D10-1 | 36078 | 295.00 | 296.00 | 542 | 1 | 1.81 | 101 | 650 | 2 | 0.73 | <5 | 13 | 972 | <20 | 0.28 | <10 | 10 | 113 | <10 | 99 |
| D10-2 | 36079 | 3.70 | 4.20 | 780 | 4 | 2.08 | 41 | 1460 | 5 | 0.8 | <5 | 24 | 1425 | <20 | 0.5 | <10 | 10 | 204 | <10 | 131 |
| D10-2 | 36080 | 4.20 | 4.70 | 718 | 4 | 1.63 | 10 | 1690 | 6 | 1.93 | 7 | 19 | 937 | <20 | 0.35 | <10 | 10 | 168 | <10 | 68 |
| D10-2 | 36081 | 4.70 | 6.10 | 869 | 1 | 1.87 | 8 | 2090 | 6 | 1.66 | <5 | 23 | 1085 | <20 | 0.41 | <10 | 10 | 206 | <10 | 84 |
| D10-2 | 36082 | 6.10 | 7.50 | 1075 | 1 | 1.79 | 9 | 2150 | 6 | 1.05 | <5 | 24 | 1190 | <20 | 0.43 | <10 | 10 | 207 | <10 | 82 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

| | Sampl | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|-------|-------|------|------|------|-----|-----|-------|----------|-----|-----|-----|------|-----|------|-----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-2 | 36083 | 7.50 | 9.00 | 0.006 | < 0.5 | 6.71 | 14 | 940 | 1.1 | <2 | 10.8 | 0.6 | 16 | 111 | 98 | 5.37 | 20 | 1.26 | 10 | 1.81 |
| D10-2 | 36084 | 9.00 | 10.50 | 0.003 | < 0.5 | 7.24 | 10 | 1250 | 0.9 | <2 | 10.6 | 0.8 | 13 | 84 | 56 | 4.34 | 20 | 1.4 | 10 | 2.32 |
| D10-2 | 36085 | 10.50 | 11.00 | 0.29 | 5.8 | 6.12 | 5710 | 810 | 0.9 | <2 | 7.03 | < 0.5 | 13 | 35 | 45 | 5.54 | 10 | 2.09 | 10 | 1.61 |
| D10-2 | 36086 | 11.00 | 12.10 | 0.023 | < 0.5 | 8.05 | 101 | 1450 | 1.2 | <2 | 5.66 | 0.5 | 19 | 35 | 55 | 5.81 | 20 | 3.27 | 20 | 2.51 |
| D10-2 | 36087 | 12.10 | 14.10 | 0.006 | < 0.5 | 7.59 | 9 | 720 | 1 | <2 | 5.37 | < 0.5 | 24 | 211 | 19 | 5.22 | 20 | 1.39 | 20 | 4 |
| D10-2 | 36088 | 14.10 | 16.20 | 0.003 | < 0.5 | 7.58 | 9 | 680 | 1 | <2 | 5.57 | < 0.5 | 24 | 229 | 21 | 5.52 | 20 | 1.34 | 30 | 4.18 |
| D10-2 | 36089 | 16.20 | 17.90 | 0.004 | < 0.5 | 7.56 | 13 | 970 | 1.4 | <2 | 5.63 | < 0.5 | 21 | 41 | 56 | 6.83 | 20 | 3.02 | 20 | 3.04 |
| D10-2 | 36090 | 17.90 | 18.40 | 1.02 | 1.4 | 6.93 | 2810 | 870 | 1.4 | <2 | 5.21 | < 0.5 | 17 | 46 | 38 | 5.32 | 20 | 2.87 | 20 | 2.39 |
| D10-2 | 36091 | 18.40 | 19.40 | 0.118 | < 0.5 | 7.11 | 329 | 710 | 1.4 | <2 | 5.08 | < 0.5 | 20 | 44 | 48 | 6.45 | 20 | 2.85 | 20 | 2.91 |
| D10-2 | 36092 | 19.40 | 20.50 | 0.257 | < 0.5 | 6.53 | 1520 | 710 | 1.5 | <2 | 6.29 | 0.9 | 18 | 42 | 44 | 6.28 | 20 | 2.46 | 20 | 2.7 |
| D10-2 | 36093 | 24.75 | 25.75 | 0.006 | < 0.5 | 7.36 | 5 | 1050 | 1.4 | <2 | 5.22 | < 0.5 | 20 | 42 | 53 | 6.42 | 20 | 2.95 | 20 | 2.82 |
| D10-2 | 36094 | 25.75 | 26.25 | 0.357 | 1.1 | 6.69 | 3540 | 1140 | 1.3 | <2 | 6.22 | 0.6 | 17 | 34 | 48 | 5.37 | 20 | 3.35 | 10 | 1.65 |
| D10-2 | 36095 | 26.25 | 27.25 | 0.009 | < 0.5 | 7.63 | 16 | 1140 | 1.4 | <2 | 5.41 | < 0.5 | 23 | 40 | 68 | 6.85 | 20 | 3.08 | 20 | 2.99 |
| D10-2 | 36096 | 27.25 | 29.25 | 0.013 | < 0.5 | 7.27 | 80 | 960 | 1.4 | <2 | 5.18 | < 0.5 | 21 | 37 | 55 | 6.25 | 20 | 2.76 | 20 | 2.81 |
| D10-2 | 36097 | 29.25 | 31.00 | 0.145 | < 0.5 | 7.29 | 601 | 1040 | 1.4 | <2 | 5.33 | < 0.5 | 18 | 39 | 58 | 5.89 | 20 | 2.92 | 20 | 2.24 |
| D10-2 | 36098 | 31.00 | 31.50 | 0.037 | < 0.5 | 7.61 | 510 | 1050 | 1.6 | <2 | 5.1 | < 0.5 | 18 | 34 | 52 | 5.91 | 20 | 3.18 | 20 | 2.51 |
| D10-2 | 36099 | 31.50 | 33.00 | 0.006 | < 0.5 | 7.57 | 25 | 1130 | 1.5 | <2 | 4.71 | < 0.5 | 18 | 33 | 57 | 5.81 | 20 | 3.3 | 20 | 2.5 |
| D10-2 | 36100 | 33.00 | 33.50 | 1.145 | 2.7 | 7.53 | 4340 | 1110 | 1.5 | <2 | 5.49 | 1 | 14 | 39 | 47 | 5.17 | 20 | 3.51 | 30 | 2.11 |
| D10-2 | 36101 | 33.50 | 35.00 | 0.011 | < 0.5 | 7.58 | 49 | 1010 | 1.5 | <2 | 7.86 | < 0.5 | 15 | 81 | 45 | 5.31 | 20 | 2.64 | 30 | 2.53 |
| D10-2 | 36102 | 35.00 | 36.70 | 0.006 | < 0.5 | 7.74 | 7 | 980 | 1.6 | <2 | 5.72 | < 0.5 | 19 | 48 | 37 | 6.96 | 20 | 2.92 | 30 | 2.93 |
| D10-2 | 36103 | 36.70 | 37.20 | 0.265 | 1 | 6.78 | 1340 | 880 | 1.4 | <2 | 5.21 | < 0.5 | 16 | 44 | 35 | 5.57 | 20 | 2.89 | 30 | 2.15 |
| D10-2 | 36104 | 37.20 | 38.10 | 0.041 | < 0.5 | 7.66 | 88 | 1130 | 1.6 | <2 | 5.14 | < 0.5 | 14 | 43 | 38 | 5.29 | 20 | 3.35 | 30 | 2.37 |
| D10-2 | 36105 | 38.10 | 39.10 | 0.004 | < 0.5 | 7.7 | 31 | 680 | 1 | <2 | 5.47 | < 0.5 | 25 | 242 | 22 | 5.51 | 20 | 1.29 | 30 | 4.06 |
| D10-2 | 36106 | 40.80 | 41.30 | 0.003 | < 0.5 | 7.91 | 8 | 1090 | 1.6 | <2 | 4.49 | < 0.5 | 19 | 86 | 35 | 5.87 | 20 | 2.8 | 30 | 2.87 |
| D10-2 | 36107 | 41.30 | 42.30 | 0.37 | < 0.5 | 7.89 | 1340 | 980 | 1.8 | <2 | 5.3 | < 0.5 | 15 | 34 | 43 | 5.93 | 20 | 2.99 | 30 | 2.09 |
| D10-2 | 36108 | 42.30 | 44.40 | 0.021 | < 0.5 | 7.46 | 138 | 1050 | 1.7 | <2 | 4.85 | < 0.5 | 16 | 42 | 61 | 5.61 | 20 | 3.03 | 30 | 2.08 |
| D10-2 | 36109 | 44.40 | 45.60 | 0.06 | < 0.5 | 8.2 | 456 | 1200 | 1.8 | <2 | 4.95 | < 0.5 | 14 | 38 | 72 | 5.52 | 20 | 3.59 | 30 | 2.02 |
| D10-2 | 36110 | 45.60 | 47.00 | 0.07 | < 0.5 | 7.96 | 112 | 1210 | 1.8 | <2 | 4.71 | < 0.5 | 14 | 36 | 88 | 5.6 | 20 | 3.62 | 30 | 2.01 |
| D10-2 | 36111 | 47.00 | 47.50 | 0.868 | 1.9 | 7.38 | 1750 | 960 | 1.7 | <2 | 4.89 | 0.8 | 13 | 33 | 81 | 5.11 | 20 | 2.99 | 30 | 1.77 |
| D10-2 | 36112 | 47.50 | 49.50 | 0.009 | < 0.5 | 7.92 | 18 | 1200 | 1.9 | <2 | 4.38 | < 0.5 | 12 | 36 | 87 | 4.98 | 20 | 3.73 | 30 | 1.82 |
| D10-2 | 36113 | 49.50 | 51.10 | 0.174 | < 0.5 | 7.79 | 546 | 1160 | 2 | <2 | 4.41 | < 0.5 | 12 | 29 | 61 | 4.72 | 20 | 3.59 | 30 | 1.65 |
| D10-2 | 36114 | 51.10 | 51.60 | 0.506 | 2.5 | 5.14 | 1750 | 820 | 0.7 | <2 | 11.9 | 3.9 | 14 | 191 | 26 | 3.04 | 10 | 0.9 | 20 | 2.02 |
| D10-2 | 36115 | 51.60 | 53.20 | 0.038 | 4.7 | 6.46 | 213 | 1450 | 0.8 | <2 | 8.18 | 1.2 | 14 | 144 | 60 | 3.62 | 20 | 1.49 | 20 | 2.62 |
| D10-2 | 36116 | 53.20 | 53.70 | 0.064 | 2.8 | 6.18 | 953 | 1210 | 0.8 | <2 | 8.02 | 2 | 11 | 126 | 60 | 3.59 | 20 | 1.55 | 20 | 2.36 |
| D10-2 | 36117 | 53.70 | 55.00 | 0.011 | < 0.5 | 6.39 | 15 | 1660 | 0.8 | <2 | 8.74 | 0.6 | 13 | 135 | 68 | 3.78 | 10 | 1.66 | 20 | 2.48 |
| D10-2 | 36118 | 55.00 | 57.00 | 0.014 | < 0.5 | 6.26 | 170 | 1500 | 0.7 | <2 | 10.45 | 0.6 | 12 | 140 | 54 | 3.7 | 10 | 1.12 | 20 | 2.33 |
| D10-2 | 36119 | 57.00 | 59.00 | 0.174 | 0.9 | 5.45 | 1800 | 1350 | 0.7 | <2 | 11.65 | 2.2 | 10 | 132 | 44 | 3.12 | 10 | 1.19 | 20 | 2.15 |
| D10-2 | 36120 | 59.00 | 59.50 | 0.049 | < 0.5 | 5.69 | 839 | 920 | 0.7 | <2 | 7.99 | 0.6 | 11 | 158 | 51 | 3.35 | 10 | 1.11 | 20 | 2.25 |
| D10-2 | 36121 | 64.50 | 65.10 | 0.136 | 0.5 | 3.92 | 251 | 1280 | 0.5 | <2 | 15 | < 0.5 | 8 | 88 | 51 | 2.35 | 10 | 1.03 | 20 | 1.45 |
| D10-2 | 36122 | 73.40 | 74.80 | 0.382 | 8.2 | 5.37 | 555 | 760 | 0.7 | <2 | 9.64 | 1.4 | 12 | 133 | 61 | 4.12 | 10 | 1.72 | 20 | 1.37 |
| D10-2 | 36123 | 81.00 | 82.00 | 0.011 | < 0.5 | 5.53 | 37 | 1060 | 0.7 | 2 | 10.5 | 0.8 | 13 | 206 | 44 | 3.22 | 10 | 1.36 | 20 | 2.01 |
| Units | • | | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % |

| | Sampl | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|------|-----|------|-----|------|-----|------|-----|----------|------|-----|------|------------|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T 1 | U | v | W | Zn |
| D10-2 | 36083 | 7.50 | 9.00 | 792 | 3 | 1.47 | 58 | 1060 | 6 | 2.03 | 5 | 17 | 1210 | <20 | 0.37 | <10 | 10 | 155 | <10 | 99 |
| D10-2 | 36084 | 9.00 | 10.50 | 706 | 4 | 1.58 | 52 | 1050 | 4 | 0.65 | 11 | 19 | 1395 | <20 | 0.41 | <10 | 10 | 195 | <10 | 158 |
| D10-2 | 36085 | 10.50 | 11.00 | 978 | 2 | 1.68 | 18 | 1570 | 93 | 3.36 | 60 | 19 | 815 | <20 | 0.32 | <10 | 10 | 176 | 10 | 56 |
| D10-2 | 36086 | 11.00 | 12.10 | 1110 | 2 | 1.78 | 10 | 2500 | 7 | 1.16 | 7 | 27 | 1005 | <20 | 0.45 | <10 | 10 | 242 | <10 | 101 |
| D10-2 | 36087 | 12.10 | 14.10 | 1060 | 1 | 2.02 | 44 | 1580 | 8 | 0.2 | <5 | 22 | 1015 | <20 | 0.53 | <10 | 10 | 179 | <10 | 87 |
| D10-2 | 36088 | 14.10 | 16.20 | 1070 | 2 | 1.87 | 48 | 1590 | 7 | 0.2 | <5 | 23 | 1260 | <20 | 0.53 | <10 | 10 | 180 | <10 | 89 |
| D10-2 | 36089 | 16.20 | 17.90 | 1180 | 2 | 1.81 | 8 | 2870 | 5 | 1.25 | <5 | 35 | 834 | <20 | 0.49 | <10 | 10 | 292 | <10 | 120 |
| D10-2 | 36090 | 17.90 | 18.40 | 1085 | 2 | 1.64 | 7 | 2320 | 12 | 1.23 | 13 | 28 | 764 | <20 | 0.4 | <10 | 10 | 233 | <10 | 91 |
| D10-2 | 36091 | 18.40 | 19.40 | 1170 | 2 | 1.74 | 7 | 2650 | 7 | 1.07 | <5 | 33 | 683 | <20 | 0.45 | <10 | 10 | 256 | <10 | 117 |
| D10-2 | 36092 | 19.40 | 20.50 | 1170 | 1 | 1.63 | 6 | 2550 | 29 | 1.38 | 7 | 31 | 673 | <20 | 0.41 | <10 | 10 | 251 | <10 | 134 |
| D10-2 | 36093 | 24.75 | 25.75 | 1015 | <1 | 1.68 | 5 | 2780 | 5 | 1.29 | <5 | 34 | 834 | <20 | 0.46 | <10 | 10 | 273 | <10 | 96 |
| D10-2 | 36094 | 25.75 | 26.25 | 972 | 1 | 1.54 | 5 | 2410 | 8 | 2.54 | 19 | 28 | 716 | <20 | 0.39 | <10 | 10 | 238 | 10 | 44 |
| D10-2 | 36095 | 26.25 | 27.25 | 980 | 1 | 1.79 | 5 | 2960 | 7 | 1.59 | <5 | 35 | 898 | <20 | 0.48 | <10 | 10 | 279 | <10 | 91 |
| D10-2 | 36096 | 27.25 | 29.25 | 945 | 1 | 1.7 | 7 | 2820 | 6 | 1.53 | <5 | 33 | 881 | <20 | 0.45 | <10 | 10 | 272 | <10 | 88 |
| D10-2 | 36097 | 29.25 | 31.00 | 876 | 2 | 1.62 | 5 | 2670 | 6 | 1.6 | 7 | 31 | 832 | <20 | 0.43 | <10 | 10 | 254 | <10 | 88 |
| D10-2 | 36098 | 31.00 | 31.50 | 988 | 1 | 1.75 | 5 | 2670 | 20 | 1.3 | 6 | 30 | 888 | <20 | 0.42 | <10 | 10 | 248 | <10 | 97 |
| D10-2 | 36099 | 31.50 | 33.00 | 897 | <1 | 1.81 | 5 | 2560 | 6 | 1.29 | <5 | 29 | 873 | <20 | 0.41 | <10 | 10 | 237 | <10 | 85 |
| D10-2 | 36100 | 33.00 | 33.50 | 994 | <1 | 1.73 | 7 | 2420 | 27 | 2.06 | 26 | 26 | 784 | <20 | 0.38 | <10 | <10 | 222 | <10 | 74 |
| D10-2 | 36101 | 33.50 | 35.00 | 1190 | <1 | 1.66 | 40 | 2120 | 9 | 0.94 | 5 | 24 | 1060 | <20 | 0.35 | <10 | <10 | 208 | <10 | 92 |
| D10-2 | 36102 | 35.00 | 36.70 | 1345 | <1 | 1.81 | 8 | 3100 | 12 | 0.7 | <5 | 34 | 864 | <20 | 0.51 | <10 | <10 | 313 | <10 | 125 |
| D10-2 | 36103 | 36.70 | 37.20 | 1140 | <1 | 1.43 | 7 | 2480 | 22 | 1.25 | 16 | 28 | 722 | <20 | 0.4 | <10 | <10 | 239 | <10 | 87 |
| D10-2 | 36104 | 37.20 | 38.10 | 952 | <1 | 1.72 | 8 | 2480 | 13 | 1.25 | <5 | 26 | 945 | <20 | 0.41 | <10 | <10 | 242 | <10 | 82 |
| D10-2 | 36105 | 38.10 | 39.10 | 1120 | <1 | 1.88 | 52 | 1590 | 9 | 0.19 | <5 | 22 | 1320 | <20 | 0.54 | <10 | <10 | 188 | <10 | 90 |
| D10-2 | 36106 | 40.80 | 41.30 | 989 | <1 | 2.04 | 12 | 2320 | 8 | 0.67 | <5 | 25 | 1020 | <20 | 0.47 | <10 | <10 | 231 | <10 | 94 |
| D10-2 | 36107 | 41.30 | 42.30 | 1075 | <1 | 1.86 | 7 | 2530 | 11 | 1.2 | 7 | 26 | 850 | <20 | 0.41 | <10 | <10 | 243 | <10 | 104 |
| D10-2 | 36108 | 42.30 | 44.40 | 915 | <1 | 1.82 | 11 | 2300 | 9 | 1.56 | <5 | 25 | 851 | <20 | 0.39 | <10 | <10 | 216 | <10 | 80 |
| D10-2 | 36109 | 44.40 | 45.60 | 885 | <1 | 1.9 | 8 | 2360 | 10 | 1.74 | <5 | 25 | 933 | <20 | 0.38 | <10 | <10 | 218 | <10 | 82 |
| D10-2 | 36110 | 45.60 | 47.00 | 889 | <1 | 1.91 | 8 | 2310 | 11 | 1.67 | <5 | 23 | 946 | <20 | 0.38 | <10 | <10 | 215 | <10 | 80 |
| D10-2 | 36111 | 47.00 | 47.50 | 814 | <1 | 1.86 | 8 | 2050 | 17 | 1.79 | 12 | 22 | 779 | <20 | 0.35 | <10 | <10 | 193 | <10 | 79 |
| D10-2 | 36112 | 47.50 | 49.50 | 788 | <1 | 1.97 | 6 | 2060 | 11 | 1.39 | <5 | 20 | 900 | <20 | 0.35 | <10 | <10 | 194 | <10 | 72 |
| D10-2 | 36113 | 49.50 | 51.10 | 900 | <1 | 1.97 | 6 | 1910 | 13 | 1.05 | <5 | 19 | 806 | <20 | 0.33 | <10 | <10 | 176 | <10 | 80 |
| D10-2 | 36114 | 51.10 | 51.60 | 762 | 1 | 0.94 | 126 | 780 | 16 | 0.45 | 64 | 12 | 1100 | <20 | 0.27 | <10 | <10 | 115 | <10 | 303 |
| D10-2 | 36115 | 51.60 | 53.20 | 454 | 4 | 1.64 | 109 | 780 | 766 | 0.9 | 43 | 16 | 919 | <20 | 0.36 | <10 | <10 | 164 | <10 | 126 |
| D10-2 | 36116 | 53.20 | 53.70 | 463 | 1 | 1.41 | 102 | 820 | 9 | 1.06 | 11 | 16 | 836 | <20 | 0.35 | <10 | <10 | 177 | <10 | 145 |
| D10-2 | 36117 | 53.70 | 55.00 | 436 | 2 | 1.79 | 115 | 830 | 8 | 1.04 | <5 | 17 | 971 | <20 | 0.37 | 10 | <10 | 181 | <10 | 142 |
| D10-2 | 36118 | 55.00 | 57.00 | 500 | 3 | 1.89 | 117 | 850 | 16 | 0.88 | <5 | 16 | 1170 | <20 | 0.36 | <10 | <10 | 180 | <10 | 146 |
| D10-2 | 36119 | 57.00 | 59.00 | 595 | 1 | 1.48 | 99 | 730 | 21 | 0.73 | 65 | 13 | 1210 | <20 | 0.3 | <10 | <10 | 134 | <10 | 137 |
| D10-2 | 36120 | 59.00 | 59.50 | 451 | <1 | 1.64 | 114 | 710 | 8 | 1.25 | 81 | 14 | 768 | <20 | 0.32 | <10 | <10 | 156 | <10 | 115 |
| D10-2 | 36121 | 64.50 | 65.10 | 637 | <1 | 1.03 | 69 | 530 | 9 | 0.88 | <5 | 9 | 1190 | <20 | 0.19 | <10 | 10 | 83 | <10 | 70 |
| D10-2 | 36122 | 73.40 | 74.80 | 461 | <1 | 0.7 | 105 | 730 | 522 | 3.04 | 167 | 13 | 672 | <20 | 0.28 | <10 | <10 | 143 | <10 | 109 |
| D10-2 | 36123 | 81.00 | 82.00 | 529 | <1 | 0.9 | 137 | 730 | 7 | 0.9 | 10 | 14 | 689 | <20 | 0.3 | <10 | <10 | 142 | <10 | 120 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

| | Sample | e | | Parameter | | | | | | | | | er | | | | | | | |
|----------|------------|-------|-------|-----------|-------|------|--------|------|-----|-----|-------|-------|-----|-----|-----|-------|-----|------|-----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-2 | 36124 | 86.90 | 87.40 | 0.015 | < 0.5 | 5.57 | 28 | 1110 | 0.7 | <2 | 9.72 | 1.6 | 13 | 153 | 66 | 3.25 | 10 | 2.05 | 20 | 1.2 |
| D10-2 | 36125 | 92.90 | 93.40 | 0.009 | < 0.5 | 5.29 | 35 | 950 | 0.6 | <2 | 10 | 0.8 | 10 | 136 | 43 | 2.91 | 10 | 0.95 | 20 | 2 |
| D10-3 | 36126 | 4.30 | 4.90 | 0.198 | 2.5 | 6.17 | 1700 | 910 | 0.8 | <2 | 9.05 | 0.6 | 12 | 91 | 65 | 4.54 | 20 | 1.5 | 20 | 1.72 |
| D10-3 | 36127 | 5.75 | 6.25 | 0.004 | < 0.5 | 8.23 | 20 | 1730 | 1.3 | <2 | 6.9 | < 0.5 | 11 | 50 | 27 | 4.97 | 20 | 3.13 | 30 | 2.19 |
| D10-3 | 36128 | 7.00 | 7.50 | 0.012 | < 0.5 | 7.08 | 41 | 780 | 1.1 | <2 | 10.2 | 1.3 | 11 | 85 | 31 | 4 | 20 | 0.91 | 20 | 1.78 |
| D10-3 | 36129 | 9.25 | 9.75 | 0.155 | < 0.5 | 7.98 | 1290 | 1190 | 1.4 | 2 | 5.83 | 0.5 | 18 | 37 | 62 | 6.52 | 20 | 2.98 | 30 | 2.33 |
| D10-3 | 36130 | 11.80 | 12.30 | 0.01 | < 0.5 | 7.91 | 11 | 1270 | 1.3 | <2 | 6.78 | < 0.5 | 19 | 68 | 81 | 6.8 | 20 | 2.22 | 20 | 2.33 |
| D10-3 | 36131 | 12.30 | 13.10 | 0.325 | 0.6 | 7.63 | 1710 | 1200 | 1.2 | <2 | 6.64 | < 0.5 | 17 | 46 | 57 | 6.23 | 20 | 2.65 | 30 | 2.19 |
| D10-3 | 36132 | 16.35 | 17.00 | 0.824 | 3 | 6.65 | 3210 | 880 | 1.3 | <2 | 6.23 | 0.7 | 22 | 49 | 43 | 6.64 | 20 | 2.75 | 30 | 2.38 |
| D10-3 | 36133 | 20.00 | 21.00 | 0.189 | < 0.5 | 7.34 | 583 | 1030 | 1.5 | <2 | 5.51 | 0.5 | 18 | 49 | 63 | 6.67 | 20 | 2.86 | 30 | 2.93 |
| D10-3 | 36134 | 21.00 | 22.00 | 0.768 | 1.1 | 7.36 | 1750 | 1070 | 1.4 | <2 | 5.42 | 0.6 | 20 | 37 | 57 | 6.57 | 20 | 3.01 | 30 | 2.45 |
| D10-3 | 36135 | 23.85 | 24.35 | 0.564 | < 0.5 | 5.99 | 3670 | 430 | 1.2 | <2 | 9.05 | < 0.5 | 18 | 33 | 53 | 5.47 | 20 | 2.08 | 20 | 1.57 |
| D10-3 | 36136 | 26.25 | 26.75 | 0.097 | < 0.5 | 7.11 | 601 | 990 | 1.4 | <2 | 6.09 | < 0.5 | 21 | 42 | 69 | 7.3 | 20 | 2.94 | 20 | 3.22 |
| D10-3 | 36137 | 29.00 | 29.50 | 0.012 | < 0.5 | 7.26 | 26 | 1210 | 1.4 | <2 | 5.73 | < 0.5 | 21 | 41 | 51 | 6.98 | 20 | 3.14 | 20 | 3 |
| D10-3 | 36138 | 31.25 | 31.75 | 0.201 | < 0.5 | 7.01 | 1410 | 1010 | 1.6 | <2 | 5.86 | < 0.5 | 19 | 41 | 38 | 7.03 | 20 | 2.91 | 20 | 3 |
| D10-3 | 36139 | 33.00 | 33.50 | 0.455 | < 0.5 | 5.82 | 7650 | 860 | 1.2 | <2 | 6.09 | < 0.5 | 17 | 37 | 27 | 6.27 | 20 | 2.64 | 20 | 2.15 |
| D10-3 | 36140 | 37.40 | 38.10 | 0.006 | < 0.5 | 5.64 | 13 | 730 | 1 | <2 | 8.58 | < 0.5 | 14 | 175 | 38 | 4.99 | 10 | 1.79 | 20 | 3.18 |
| D10-3 | 36141 | 40.10 | 40.60 | 0.265 | 1.6 | 7.03 | 3460 | 950 | 1.4 | <2 | 5.94 | 0.5 | 17 | 36 | 51 | 6.78 | 20 | 2.89 | 20 | 2.58 |
| D10-3 | 36142 | 43.20 | 43.70 | 0.026 | < 0.5 | 7.82 | 479 | 1190 | 1.8 | <2 | 5.46 | < 0.5 | 16 | 30 | 48 | 5.9 | 20 | 3.46 | 30 | 2.31 |
| D10-3 | 36143 | 47.20 | 47.70 | 0.014 | < 0.5 | 7.75 | 48 | 1150 | 1.8 | <2 | 5.31 | < 0.5 | 14 | 27 | 39 | 6.11 | 20 | 3.44 | 20 | 2.27 |
| D10-3 | 36144 | 49.10 | 49.60 | 0.254 | < 0.5 | 7.57 | 1470 | 1350 | 1.7 | <2 | 5.35 | 0.8 | 14 | 23 | 49 | 5.24 | 20 | 3.81 | 20 | 1.97 |
| D10-3 | 36145 | 50.50 | 51.50 | 0.061 | < 0.5 | 7.65 | 416 | 1090 | 1.9 | <2 | 5 | < 0.5 | 14 | 29 | 28 | 5.53 | 20 | 3.4 | 20 | 2.02 |
| D10-3 | 36146 | 51.50 | 52.50 | 0.314 | 0.8 | 7.29 | 2860 | 980 | 1.6 | <2 | 5.68 | 0.7 | 14 | 39 | 27 | 5.36 | 10 | 3.07 | 20 | 1.9 |
| D10-3 | 36147 | 54.50 | 55.00 | 0.017 | < 0.5 | 7 | 29 | 1470 | 1.3 | <2 | 8.58 | < 0.5 | 13 | 93 | 72 | 5.06 | 20 | 2.43 | 20 | 2.52 |
| D10-3 | 36148 | 59.00 | 59.50 | 0.038 | < 0.5 | 5.99 | 406 | 1340 | 0.8 | <2 | 8.79 | 0.6 | 15 | 174 | 56 | 3.71 | 20 | 1.63 | 10 | 2.55 |
| D10-3 | 36149 | 61.50 | 62.40 | 0.023 | < 0.5 | 5.58 | 141 | 920 | 0.8 | <2 | 8.97 | 0.8 | 13 | 153 | 51 | 3.45 | 10 | 1.56 | 10 | 2.07 |
| D10-3 | 36150 | 62.40 | 63.00 | 0.184 | 8.5 | 5.65 | 2370 | 340 | 0.9 | <2 | 8.37 | 4 | 11 | 162 | 57 | 4.26 | 10 | 2.11 | 20 | 0.87 |
| D10-3 | 36151 | 68.80 | 69.30 | 0.221 | 0.5 | 5.36 | 688 | 1350 | 0.8 | <2 | 10.35 | 0.6 | 11 | 120 | 46 | 3.6 | 10 | 1.81 | 10 | 3.48 |
| D10-3 | 36152 | 72.40 | 72.90 | 0.015 | < 0.5 | 5.93 | 44 | 1540 | 0.8 | <2 | 8.48 | 0.6 | 13 | 147 | 59 | 3.66 | 10 | 1.77 | 20 | 2.57 |
| D10-3 | 36153 | 79.00 | 79.50 | 0.008 | < 0.5 | 3.94 | 331 | 280 | 0.6 | <2 | 12.5 | 0.5 | 6 | 86 | 32 | 2.44 | 10 | 0.32 | 10 | 3.04 |
| D10-3 | 36154 | 80.50 | 81.20 | 0.005 | < 0.5 | 5.43 | 19 | 1200 | 0.7 | <2 | 12.55 | 0.5 | 10 | 113 | 43 | 3.6 | 10 | 1.45 | 10 | 4.35 |
| D10-3 | 36155 | 84.00 | 84.50 | 0.009 | < 0.5 | 5.25 | 19 | 1160 | 0.6 | <2 | 10.7 | 1 | 11 | 124 | 51 | 3.3 | 10 | 1.39 | 10 | 2.22 |
| D10-3 | 36156 | 86.90 | 87.50 | 0.019 | < 0.5 | 5.21 | 68 | 770 | 0.7 | <2 | 14 | 1 | 10 | 117 | 48 | 3.29 | 10 | 1.38 | 10 | 1.84 |
| D10-4 | 36157 | 8.00 | 9.00 | 0.018 | < 0.5 | 6.46 | 130 | 1070 | 0.9 | <2 | 11.6 | 2.8 | 13 | 96 | 65 | 4.29 | 10 | 1.51 | 10 | 2.1 |
| D10-4 | 36158 | 9.00 | 9.50 | 0.048 | 4.6 | 6.6 | 499 | 1210 | 0.9 | <2 | 8.96 | 1 | 12 | 112 | 57 | 3.79 | 10 | 1.9 | 10 | 1.96 |
| D10-4 | 36159 | 11.70 | 13.00 | 0.137 | 0.9 | 7.5 | 794 | 1600 | 1.2 | <2 | 5.79 | < 0.5 | 12 | 95 | 49 | 4.59 | 20 | 3.36 | 20 | 1.81 |
| D10-4 | 36160 | 13.00 | 14.00 | 0.291 | 1.5 | 7.04 | 2500 | 1450 | 1.2 | <2 | 4.88 | 0.8 | 7 | 25 | 31 | 3.2 | 10 | 3.68 | 20 | 1.25 |
| D10-4 | 36161 | 14.00 | 14.80 | 1.775 | 5.5 | 6.71 | >10000 | 390 | 1.2 | 4 | 4.24 | 3.4 | 9 | 18 | 37 | 5.07 | 10 | 3.46 | 20 | 0.96 |
| D10-4 | 36162 | 14.80 | 15.30 | 19.35 | 287 | 3.21 | >10000 | 100 | 0.6 | 70 | 4.45 | 86.3 | 7 | 23 | 426 | 15.15 | <10 | 0.79 | 10 | 0.39 |
| D10-4 | 36163 | 15.30 | 17.00 | 0.058 | 4.5 | 6.98 | 322 | 1010 | 1 | <2 | 7.66 | 20.1 | 11 | 104 | 48 | 3.28 | 10 | 1.95 | 20 | 1.77 |
| D10-4 | 36164 | 17.00 | 18.50 | 0.018 | < 0.5 | 6.79 | 109 | 1200 | 0.8 | <2 | 12 | < 0.5 | 10 | 116 | 38 | 3.59 | 10 | 1.37 | 10 | 2.1 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % |

| | Sampl | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|------|-----|------|-----|------|------|-------|-----|----------|------|-----|------|------------|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T 1 | U | V | W | Zn |
| D10-2 | 36124 | 86.90 | 87.40 | 381 | 1 | 0.38 | 113 | 740 | 10 | 1.37 | 23 | 15 | 472 | <20 | 0.33 | <10 | <10 | 166 | <10 | 166 |
| D10-2 | 36125 | 92.90 | 93.40 | 449 | <1 | 1.55 | 89 | 650 | 7 | 0.94 | <5 | 12 | 836 | <20 | 0.28 | <10 | <10 | 123 | <10 | 109 |
| D10-3 | 36126 | 4.30 | 4.90 | 712 | <1 | 1.08 | 56 | 830 | 17 | 1.97 | 30 | 15 | 861 | <20 | 0.35 | <10 | <10 | 150 | <10 | 74 |
| D10-3 | 36127 | 5.75 | 6.25 | 1165 | <1 | 1.75 | 15 | 2230 | 8 | 0.83 | <5 | 25 | 1230 | <20 | 0.4 | <10 | <10 | 226 | <10 | 83 |
| D10-3 | 36128 | 7.00 | 7.50 | 729 | <1 | 1.54 | 54 | 880 | 11 | 0.52 | 11 | 16 | 1230 | <20 | 0.39 | <10 | <10 | 171 | <10 | 204 |
| D10-3 | 36129 | 9.25 | 9.75 | 1115 | <1 | 1.95 | 10 | 2670 | 9 | 1.68 | <5 | 27 | 1010 | <20 | 0.44 | <10 | <10 | 250 | <10 | 109 |
| D10-3 | 36130 | 11.80 | 12.30 | 1035 | 1 | 2.09 | 33 | 2030 | 8 | 1.69 | 12 | 26 | 1210 | <20 | 0.48 | <10 | <10 | 247 | <10 | 105 |
| D10-3 | 36131 | 12.30 | 13.10 | 1130 | <1 | 1.75 | 21 | 2160 | 31 | 2.46 | 23 | 25 | 960 | <20 | 0.44 | <10 | <10 | 229 | <10 | 85 |
| D10-3 | 36132 | 16.35 | 17.00 | 1245 | <1 | 1.35 | 9 | 2860 | 23 | 2 | 20 | 35 | 653 | <20 | 0.49 | 10 | <10 | 295 | <10 | 98 |
| D10-3 | 36133 | 20.00 | 21.00 | 1115 | 4 | 1.62 | 8 | 2850 | 10 | 1.66 | <5 | 34 | 737 | <20 | 0.48 | <10 | <10 | 283 | <10 | 126 |
| D10-3 | 36134 | 21.00 | 22.00 | 984 | <1 | 1.59 | 7 | 2730 | 13 | 2.21 | 9 | 32 | 756 | <20 | 0.46 | 10 | <10 | 272 | <10 | 102 |
| D10-3 | 36135 | 23.85 | 24.35 | 1215 | <1 | 0.78 | 8 | 2550 | 13 | 1.86 | 19 | 29 | 776 | <20 | 0.41 | <10 | <10 | 264 | <10 | 83 |
| D10-3 | 36136 | 26.25 | 26.75 | 1035 | <1 | 1.77 | 13 | 3130 | 8 | 1.61 | <5 | 36 | 811 | <20 | 0.5 | <10 | <10 | 310 | <10 | 106 |
| D10-3 | 36137 | 29.00 | 29.50 | 987 | <1 | 1.79 | 6 | 3070 | 3 | 1.77 | <5 | 35 | 799 | <20 | 0.5 | <10 | <10 | 309 | <10 | 93 |
| D10-3 | 36138 | 31.25 | 31.75 | 1265 | <1 | 1.58 | 8 | 2980 | 7 | 1.06 | <5 | 35 | 730 | <20 | 0.47 | <10 | <10 | 298 | <10 | 109 |
| D10-3 | 36139 | 33.00 | 33.50 | 1090 | <1 | 1.3 | 7 | 2540 | 8 | 1.88 | 20 | 30 | 653 | <20 | 0.41 | <10 | <10 | 255 | <10 | 80 |
| D10-3 | 36140 | 37.40 | 38.10 | 1020 | 2 | 1.25 | 114 | 1170 | 6 | 0.97 | 128 | 22 | 833 | <20 | 0.38 | <10 | <10 | 226 | <10 | 95 |
| D10-3 | 36141 | 40.10 | 40.60 | 1020 | 2 | 1.79 | 6 | 2770 | 87 | 2.19 | 30 | 31 | 809 | <20 | 0.44 | <10 | <10 | 259 | <10 | 93 |
| D10-3 | 36142 | 43.20 | 43.70 | 898 | 17 | 1.94 | 6 | 2450 | 97 | 1.3 | 9 | 27 | 873 | <20 | 0.41 | <10 | <10 | 236 | <10 | 82 |
| D10-3 | 36143 | 47.20 | 47.70 | 1045 | <1 | 1.97 | 4 | 2550 | 5 | 1.13 | <5 | 26 | 903 | <20 | 0.41 | <10 | <10 | 236 | <10 | 94 |
| D10-3 | 36144 | 49.10 | 49.60 | 940 | <1 | 1.75 | 3 | 2330 | 13 | 1.7 | 7 | 24 | 867 | <20 | 0.39 | <10 | <10 | 215 | <10 | 81 |
| D10-3 | 36145 | 50.50 | 51.50 | 1025 | <1 | 2.27 | 8 | 2100 | 12 | 1.25 | <5 | 22 | 813 | <20 | 0.37 | <10 | <10 | 200 | <10 | 100 |
| D10-3 | 36146 | 51.50 | 52.50 | 1120 | <1 | 1.98 | 14 | 2090 | 48 | 1.29 | 22 | 23 | 763 | <20 | 0.37 | <10 | <10 | 207 | 10 | 94 |
| D10-3 | 36147 | 54.50 | 55.00 | 720 | 5 | 1.76 | 79 | 1510 | 7 | 1.07 | 18 | 21 | 1010 | <20 | 0.42 | <10 | <10 | 208 | <10 | 118 |
| D10-3 | 36148 | 59.00 | 59.50 | 457 | 2 | 1.91 | 148 | 790 | 4 | 0.87 | <5 | 16 | 776 | <20 | 0.35 | <10 | <10 | 172 | <10 | 129 |
| D10-3 | 36149 | 61.50 | 62.40 | 458 | 1 | 0.99 | 113 | 730 | 2 | 1.04 | 14 | 15 | 572 | <20 | 0.32 | <10 | <10 | 159 | 50 | 136 |
| D10-3 | 36150 | 62.40 | 63.00 | 639 | 1 | 1.23 | 116 | 860 | 25 | 3.17 | 37 | 16 | 506 | <20 | 0.26 | <10 | <10 | 179 | <10 | 135 |
| D10-3 | 36151 | 68.80 | 69.30 | 586 | 2 | 1.1 | 95 | 690 | 110 | 0.9 | 5 | 14 | 876 | <20 | 0.27 | <10 | <10 | 145 | <10 | 109 |
| D10-3 | 36152 | 72.40 | 72.90 | 405 | 1 | 1.19 | 103 | 820 | 50 | 0.91 | <5 | 16 | 791 | <20 | 0.35 | <10 | <10 | 165 | <10 | 110 |
| D10-3 | 36153 | 79.00 | 79.50 | 511 | <1 | 1.57 | 59 | 610 | 7 | 0.54 | <5 | 9 | 910 | <20 | 0.2 | <10 | <10 | 93 | <10 | 84 |
| D10-3 | 36154 | 80.50 | 81.20 | 612 | 1 | 1.07 | 105 | 750 | 7 | 0.87 | <5 | 14 | 990 | <20 | 0.33 | <10 | <10 | 155 | <10 | 116 |
| D10-3 | 36155 | 84.00 | 84.50 | 470 | 1 | 1.06 | 94 | 690 | 6 | 1.2 | 16 | 14 | 795 | <20 | 0.3 | <10 | <10 | 137 | <10 | 117 |
| D10-3 | 36156 | 86.90 | 87.50 | 632 | 1 | 0.47 | 98 | 740 | 15 | 1.23 | 49 | 15 | 929 | <20 | 0.3 | <10 | <10 | 149 | 10 | 124 |
| D10-4 | 36157 | 8.00 | 9.00 | 589 | 7 | 1.41 | 76 | 990 | 105 | 0.78 | 21 | 18 | 1350 | <20 | 0.42 | <10 | <10 | 199 | <10 | 247 |
| D10-4 | 36158 | 9.00 | 9.50 | 611 | 27 | 2.02 | 74 | 910 | 28 | 1.12 | 52 | 18 | 904 | <20 | 0.4 | <10 | <10 | 194 | <10 | 92 |
| D10-4 | 36159 | 11.70 | 13.00 | 818 | 3 | 2.14 | 35 | 1300 | 9 | 1.37 | 12 | 19 | 910 | <20 | 0.34 | <10 | <10 | 171 | <10 | 84 |
| D10-4 | 36160 | 13.00 | 14.00 | 784 | 6 | 2.14 | 10 | 1040 | 11 | 1.12 | 16 | 13 | 831 | <20 | 0.24 | <10 | <10 | 113 | <10 | 44 |
| D10-4 | 36161 | 14.00 | 14.80 | 921 | 6 | 1.97 | 9 | 1040 | 87 | 3.11 | 48 | 13 | 592 | <20 | 0.2 | <10 | <10 | 109 | <10 | 63 |
| D10-4 | 36162 | 14.80 | 15.30 | 675 | 4 | 1.45 | 17 | 460 | 2270 | >10.0 | 844 | 6 | 309 | <20 | 0.09 | <10 | <10 | 41 | <10 | 985 |
| D10-4 | 36163 | 15.30 | 17.00 | 565 | 5 | 2.04 | 62 | 860 | 84 | 0.99 | 32 | 15 | 875 | <20 | 0.35 | <10 | <10 | 139 | <10 | 324 |
| D10-4 | 36164 | 17.00 | 18.50 | 641 | 2 | 1.86 | 68 | 910 | 8 | 0.65 | <5 | 16 | 1270 | <20 | 0.38 | <10 | <10 | 149 | <10 | 106 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

| | Sample | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|-------|-------|-------|--------|------|-----|-----|-------|----------|-----|-----|-----|-------|-----|------|-----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-4 | 36164 | 17.00 | 18.50 | 0.018 | < 0.5 | 6.79 | 109 | 1200 | 0.8 | <2 | 12 | < 0.5 | 10 | 116 | 38 | 3.59 | 10 | 1.37 | 10 | 2.1 |
| D10-4 | 36165 | 18.50 | 19.00 | 0.162 | 0.5 | 6.8 | 1310 | 1070 | 0.9 | <2 | 7.13 | 1 | 13 | 84 | 81 | 5.27 | 20 | 1.79 | 10 | 2.73 |
| D10-4 | 36166 | 19.00 | 20.00 | 0.012 | < 0.5 | 6.58 | 135 | 770 | 0.7 | 2 | 12.8 | < 0.5 | 10 | 109 | 29 | 3.05 | 10 | 1.05 | 10 | 1.78 |
| D10-4 | 36167 | 20.00 | 20.50 | 0.125 | 0.8 | 6.99 | 1850 | 960 | 1.3 | <2 | 7.76 | 1.2 | 16 | 56 | 52 | 5.44 | 20 | 2.59 | 20 | 2.34 |
| D10-4 | 36168 | 20.50 | 21.00 | 0.167 | 1.2 | 6.83 | 4090 | 1040 | 1.2 | <2 | 7.88 | 1.8 | 15 | 87 | 46 | 5.04 | 10 | 2.57 | 20 | 1.91 |
| D10-4 | 36169 | 21.00 | 21.50 | 0.013 | < 0.5 | 7.95 | 14 | 1210 | 1.9 | <2 | 6.46 | < 0.5 | 6 | 36 | 49 | 3.71 | 20 | 1.9 | 10 | 1.39 |
| D10-4 | 36170 | 21.50 | 22.75 | 0.129 | < 0.5 | 7.26 | 806 | 880 | 1.3 | <2 | 10.9 | < 0.5 | 11 | 67 | 46 | 4.55 | 20 | 1.5 | 20 | 2 |
| D10-4 | 36171 | 22.75 | 24.25 | 0.007 | < 0.5 | 7.64 | 15 | 970 | 1.7 | <2 | 5.7 | < 0.5 | 19 | 42 | 47 | 6.98 | 20 | 2.86 | 20 | 3.15 |
| D10-4 | 36172 | 24.25 | 26.35 | 0.106 | 4.1 | 6.45 | 1525 | 1070 | 0.8 | <2 | 11.2 | 2.5 | 9 | 100 | 47 | 3.79 | 10 | 1.61 | 10 | 1.99 |
| D10-4 | 36173 | 26.35 | 27.00 | 0.335 | 143 | 6.42 | 682 | 1140 | 1 | 3 | 8.66 | 13.1 | 9 | 89 | 236 | 3.48 | 10 | 2.82 | 10 | 1.28 |
| D10-4 | 36174 | 27.00 | 27.60 | 0.32 | 112 | 7.51 | 3660 | 730 | 1.5 | <2 | 5.83 | 10.8 | 14 | 40 | 167 | 5.37 | 20 | 3.14 | 10 | 1.45 |
| D10-4 | 36175 | 27.60 | 28.10 | 0.425 | 6.1 | 6.04 | 7710 | 810 | 1.3 | <2 | 10.65 | 7.6 | 9 | 45 | 23 | 3.85 | 10 | 1.85 | 10 | 1.04 |
| D10-4 | 36176 | 28.10 | 28.60 | 1.23 | 39.6 | 4.85 | >10000 | 150 | 1.2 | 6 | 7.45 | 3 | 4 | 41 | 52 | 11.85 | 10 | 1.87 | <10 | 0.79 |
| D10-4 | 36177 | 28.60 | 29.60 | 0.033 | 3 | 5.1 | 123 | 900 | 0.8 | <2 | 11.6 | 1.5 | 13 | 91 | 119 | 4.11 | 10 | 1.29 | 10 | 1.59 |
| D10-4 | 36178 | 29.60 | 31.00 | 0.009 | 0.5 | 6.71 | 24 | 1140 | 1 | <2 | 9.91 | 1 | 8 | 67 | 38 | 3.37 | 10 | 2.15 | 10 | 2.02 |
| D10-4 | 36179 | 31.00 | 33.00 | 0.024 | 0.5 | 6.59 | 130 | 1090 | 0.9 | <2 | 10.5 | 0.6 | 11 | 100 | 40 | 3.91 | 20 | 1.72 | 10 | 1.55 |
| D10-4 | 36180 | 33.00 | 34.50 | 0.037 | 0.6 | 7.36 | 170 | 1230 | 0.9 | <2 | 7.04 | 0.7 | 11 | 97 | 53 | 4.41 | 20 | 1.91 | 10 | 1.74 |
| D10-4 | 36181 | 34.50 | 35.60 | 0.014 | < 0.5 | 8.07 | 11 | 1320 | 1.9 | <2 | 5.52 | < 0.5 | 6 | 30 | 54 | 3.76 | 20 | 3.55 | 10 | 1.38 |
| D10-4 | 36182 | 35.60 | 37.00 | 0.082 | 1.5 | 7.79 | 242 | 1420 | 1.5 | <2 | 6.09 | 0.5 | 10 | 43 | 60 | 4.81 | 20 | 3.05 | 10 | 1.37 |
| D10-4 | 36183 | 37.00 | 38.70 | 0.199 | 0.8 | 7.97 | 543 | 1160 | 1.8 | <2 | 5.29 | 0.6 | 12 | 30 | 79 | 4.64 | 20 | 2.72 | 10 | 1.47 |
| D10-4 | 36184 | 38.70 | 39.70 | 0.123 | 1.4 | 7.79 | 5430 | 1090 | 1.8 | <2 | 5.28 | 0.8 | 11 | 100 | 68 | 4.41 | 20 | 2.51 | 10 | 1.27 |
| D10-4 | 36185 | 39.70 | 40.70 | 0.191 | 0.7 | 7.89 | 3220 | 480 | 2 | <2 | 8.38 | 0.5 | 8 | 101 | 46 | 3.48 | 20 | 0.91 | 10 | 1.44 |
| D10-4 | 36186 | 40.70 | 42.00 | 0.659 | 0.7 | 6.93 | >10000 | 750 | 1.1 | <2 | 10.5 | 0.5 | 12 | 141 | 21 | 3.41 | 20 | 1.26 | 10 | 0.96 |
| D10-4 | 36187 | 42.00 | 42.50 | 0.014 | < 0.5 | 6.68 | 881 | 1250 | 0.8 | <2 | 8.42 | 0.5 | 11 | 102 | 49 | 3.64 | 10 | 1.53 | 10 | 2.29 |
| D10-4 | 36188 | 44.60 | 45.10 | 0.009 | 0.5 | 6.94 | 26 | 1200 | 1 | <2 | 6.11 | 0.7 | 12 | 91 | 58 | 4.14 | 10 | 1.71 | 10 | 1.69 |
| D10-4 | 36189 | 45.10 | 46.70 | 0.007 | 0.5 | 7.78 | 66 | 1500 | 1.5 | <2 | 5.13 | 0.5 | 12 | 38 | 104 | 4.59 | 20 | 3.87 | 10 | 1.55 |
| D10-4 | 36190 | 46.70 | 47.20 | 0.013 | < 0.5 | 6.52 | 134 | 1040 | 1 | <2 | 8.43 | 0.6 | 11 | 103 | 56 | 4.28 | 20 | 1.22 | 10 | 1.79 |
| D10-4 | 36191 | 49.80 | 50.30 | 0.046 | < 0.5 | 5.97 | 528 | 1210 | 0.8 | <2 | 9.09 | 0.7 | 10 | 85 | 60 | 3.65 | 10 | 1.58 | 10 | 1.86 |
| D10-4 | 36192 | 51.50 | 52.00 | 0.016 | 0.5 | 6.29 | 412 | 1100 | 0.6 | <2 | 9.86 | 0.8 | 13 | 75 | 51 | 3.88 | 20 | 1.41 | 10 | 2.51 |
| D10-4 | 36193 | 57.00 | 57.60 | 0.113 | < 0.5 | 6.5 | 629 | 1200 | 1 | <2 | 7.24 | < 0.5 | 10 | 145 | 39 | 3.49 | 10 | 1.72 | 10 | 2.01 |
| D10-4 | 36194 | 57.90 | 58.40 | 0.039 | 0.5 | 7.36 | 816 | 1480 | 0.8 | <2 | 6.26 | 0.5 | 14 | 172 | 36 | 3.69 | 20 | 1.53 | 10 | 2.33 |
| D10-4 | 36195 | 59.30 | 59.80 | 0.066 | < 0.5 | 5.58 | 678 | 1080 | 0.7 | <2 | 5.84 | 0.5 | 10 | 104 | 37 | 3.17 | 10 | 1.34 | 10 | 2.13 |
| D10-4 | 36196 | 62.70 | 63.30 | 3.57 | 25.3 | 5.97 | 7980 | 560 | 0.8 | 5 | 5.32 | 4.7 | 9 | 128 | 48 | 4.84 | 10 | 1.96 | 10 | 1.4 |
| D10-4 | 36197 | 63.30 | 64.30 | 0.173 | 6.7 | 6.79 | 713 | 900 | 1 | <2 | 6.17 | 20.4 | 11 | 171 | 45 | 3.51 | 20 | 2.5 | 10 | 1.48 |
| D10-4 | 36198 | 65.30 | 66.00 | 0.172 | 60 | 6.1 | 379 | 800 | 0.8 | <2 | 7.83 | 13.5 | 11 | 157 | 119 | 3.29 | 10 | 2.02 | 10 | 1.31 |
| D10-4 | 36199 | 68.60 | 69.10 | 0.021 | < 0.5 | 6.24 | 26 | 1040 | 0.7 | <2 | 8.24 | 0.6 | 14 | 369 | 55 | 3.51 | 10 | 1.04 | <10 | 2.7 |
| D10-4 | 36200 | 74.00 | 75.00 | 0.008 | 1.5 | 6.25 | 25 | 1130 | 0.6 | <2 | 10.1 | < 0.5 | 13 | 193 | 40 | 3.15 | 10 | 1.34 | 20 | 2.51 |
| D10-4 | 36201 | 77.00 | 77.80 | 0.008 | 2.4 | 11.15 | 31 | 2100 | 1.3 | <2 | 17.3 | 1 | 25 | 325 | 103 | 6.11 | 20 | 2.65 | 30 | 4.32 |
| D10-4 | 36202 | 80.25 | 80.75 | 0.006 | 1.3 | 5.66 | 12 | 1040 | 0.5 | <2 | 11.6 | < 0.5 | 13 | 179 | 30 | 2.8 | 10 | 1.22 | 20 | 2.16 |
| D10-4 | 36203 | 88.90 | 89.40 | 0.009 | 1.1 | 5.4 | 17 | 1220 | 0.8 | <2 | 6.74 | 0.9 | 12 | 132 | 51 | 3.22 | 10 | 1.5 | 30 | 2.4 |
| D10-4 | 36204 | 89.90 | 90.50 | 0.01 | 1.4 | 5.8 | 13 | 1330 | 0.7 | <2 | 9.83 | 0.9 | 13 | 129 | 44 | 3.43 | 10 | 1.43 | 20 | 2.53 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % |

| | Sampl | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|------|-----|------|-----|------|------|-------|-----|----------|------|-----|------|------------|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T 1 | U | v | W | Zn |
| D10-4 | 36164 | 17.00 | 18.50 | 641 | 2 | 1.86 | 68 | 910 | 8 | 0.65 | <5 | 16 | 1270 | <20 | 0.38 | <10 | <10 | 149 | <10 | 106 |
| D10-4 | 36165 | 18.50 | 19.00 | 731 | 4 | 2.18 | 58 | 1270 | 14 | 1.57 | <5 | 22 | 810 | <20 | 0.43 | <10 | <10 | 214 | <10 | 100 |
| D10-4 | 36166 | 19.00 | 20.00 | 886 | 1 | 1.66 | 57 | 710 | 5 | 0.57 | 8 | 14 | 1140 | <20 | 0.34 | <10 | <10 | 114 | <10 | 106 |
| D10-4 | 36167 | 20.00 | 20.50 | 1060 | 1 | 1.95 | 32 | 2060 | 13 | 1.09 | 8 | 25 | 873 | <20 | 0.42 | <10 | <10 | 244 | <10 | 101 |
| D10-4 | 36168 | 20.50 | 21.00 | 1235 | 3 | 1.93 | 27 | 2210 | 30 | 1.38 | 12 | 24 | 980 | <20 | 0.25 | <10 | <10 | 196 | <10 | 96 |
| D10-4 | 36169 | 21.00 | 21.50 | 652 | 5 | 3.07 | 19 | 810 | 7 | 1.37 | <5 | 13 | 1120 | <20 | 0.16 | <10 | <10 | 106 | <10 | 40 |
| D10-4 | 36170 | 21.50 | 22.75 | 934 | 3 | 2.04 | 44 | 1190 | 4 | 1.62 | 8 | 18 | 1310 | <20 | 0.34 | <10 | <10 | 170 | <10 | 66 |
| D10-4 | 36171 | 22.75 | 24.25 | 1230 | 1 | 1.97 | 8 | 2880 | 4 | 0.54 | <5 | 34 | 849 | <20 | 0.54 | <10 | <10 | 298 | <10 | 111 |
| D10-4 | 36172 | 24.25 | 26.35 | 781 | 3 | 1.03 | 58 | 980 | 42 | 1.14 | 18 | 15 | 1220 | <20 | 0.34 | <10 | <10 | 159 | 10 | 127 |
| D10-4 | 36173 | 26.35 | 27.00 | 1330 | 5 | 1.03 | 36 | 1290 | 2500 | 1.31 | 285 | 18 | 812 | <20 | 0.35 | <10 | <10 | 181 | 20 | 207 |
| D10-4 | 36174 | 27.00 | 27.60 | 1365 | 1 | 1.06 | 11 | 2150 | 927 | 2.6 | 197 | 25 | 653 | <20 | 0.37 | <10 | <10 | 209 | 10 | 133 |
| D10-4 | 36175 | 27.60 | 28.10 | 1090 | 2 | 0.57 | 32 | 1170 | 124 | 2.24 | 60 | 12 | 779 | <20 | 0.24 | <10 | <10 | 109 | 10 | 152 |
| D10-4 | 36176 | 28.10 | 28.60 | 938 | 2 | 0.26 | 24 | 940 | 1465 | >10.0 | 250 | 12 | 552 | <20 | 0.23 | <10 | <10 | 130 | <10 | 49 |
| D10-4 | 36177 | 28.60 | 29.60 | 683 | 14 | 0.12 | 67 | 1260 | 73 | 2.31 | 26 | 15 | 1120 | <20 | 0.31 | <10 | <10 | 220 | <10 | 179 |
| D10-4 | 36178 | 29.60 | 31.00 | 585 | 6 | 1.38 | 45 | 1040 | 9 | 0.97 | <5 | 14 | 1290 | <20 | 0.33 | <10 | <10 | 156 | <10 | 103 |
| D10-4 | 36179 | 31.00 | 33.00 | 680 | 3 | 1.49 | 68 | 890 | 6 | 1.24 | 10 | 16 | 1320 | <20 | 0.37 | 10 | <10 | 168 | <10 | 81 |
| D10-4 | 36180 | 33.00 | 34.50 | 532 | 3 | 1.82 | 61 | 890 | 8 | 1.45 | 8 | 18 | 1010 | <20 | 0.39 | <10 | <10 | 184 | <10 | 80 |
| D10-4 | 36181 | 34.50 | 35.60 | 542 | 2 | 2.41 | 16 | 1730 | 4 | 1.67 | <5 | 15 | 1120 | <20 | 0.36 | <10 | <10 | 172 | <10 | 36 |
| D10-4 | 36182 | 35.60 | 37.00 | 639 | 1 | 2.11 | 24 | 1440 | 14 | 2.35 | 8 | 15 | 1140 | <20 | 0.34 | <10 | <10 | 159 | <10 | 37 |
| D10-4 | 36183 | 37.00 | 38.70 | 555 | <1 | 2.39 | 13 | 1670 | 10 | 2.25 | <5 | 16 | 1120 | <20 | 0.35 | <10 | <10 | 177 | <10 | 40 |
| D10-4 | 36184 | 38.70 | 39.70 | 472 | 1 | 2.8 | 41 | 1010 | 15 | 2.5 | 19 | 13 | 958 | <20 | 0.33 | <10 | <10 | 168 | <10 | 45 |
| D10-4 | 36185 | 39.70 | 40.70 | 605 | 2 | 2.5 | 40 | 1310 | 10 | 1.57 | 29 | 17 | 1060 | <20 | 0.35 | <10 | <10 | 200 | <10 | 47 |
| D10-4 | 36186 | 40.70 | 42.00 | 706 | 2 | 2.75 | 81 | 840 | 13 | 1.55 | 37 | 16 | 957 | <20 | 0.35 | <10 | 10 | 184 | 20 | 51 |
| D10-4 | 36187 | 42.00 | 42.50 | 506 | 6 | 1.64 | 70 | 910 | 7 | 1.2 | 6 | 16 | 1100 | <20 | 0.37 | <10 | <10 | 169 | <10 | 101 |
| D10-4 | 36188 | 44.60 | 45.10 | 441 | 3 | 1.67 | 65 | 820 | 3 | 2.02 | 6 | 15 | 818 | <20 | 0.37 | <10 | <10 | 173 | <10 | 71 |
| D10-4 | 36189 | 45.10 | 46.70 | 495 | 2 | 1.91 | 20 | 1620 | 4 | 2.25 | <5 | 17 | 1020 | <20 | 0.34 | <10 | <10 | 182 | <10 | 38 |
| D10-4 | 36190 | 46.70 | 47.20 | 551 | 4 | 1.45 | 72 | 940 | 5 | 1.66 | 6 | 17 | 876 | <20 | 0.37 | <10 | <10 | 195 | <10 | 84 |
| D10-4 | 36191 | 49.80 | 50.30 | 429 | 4 | 1 | 63 | 810 | 3 | 1.22 | <5 | 15 | 850 | <20 | 0.34 | <10 | <10 | 167 | <10 | 128 |
| D10-4 | 36192 | 51.50 | 52.00 | 623 | 6 | 1.06 | 58 | 830 | 9 | 0.92 | 21 | 18 | 1010 | <20 | 0.35 | <10 | <10 | 187 | <10 | 105 |
| D10-4 | 36193 | 57.00 | 57.60 | 467 | 2 | 1.33 | 78 | 740 | 6 | 1.08 | 5 | 15 | 708 | <20 | 0.35 | 10 | <10 | 140 | <10 | 77 |
| D10-4 | 36194 | 57.90 | 58.40 | 517 | 2 | 2.41 | 104 | 780 | 6 | 1.63 | 16 | 17 | 795 | <20 | 0.4 | 10 | <10 | 157 | <10 | 81 |
| D10-4 | 36195 | 59.30 | 59.80 | 396 | 1 | 1.55 | 77 | 770 | 6 | 1.06 | 5 | 15 | 725 | <20 | 0.32 | <10 | <10 | 160 | <10 | 101 |
| D10-4 | 36196 | 62.70 | 63.30 | 784 | 2 | 1.21 | 84 | 770 | 1565 | 3.5 | 757 | 15 | 449 | <20 | 0.32 | 10 | <10 | 154 | <10 | 98 |
| D10-4 | 36197 | 63.30 | 64.30 | 796 | 3 | 1.06 | 83 | 780 | 112 | 2.06 | 49 | 15 | 455 | <20 | 0.33 | <10 | <10 | 146 | <10 | 290 |
| D10-4 | 36198 | 65.30 | 66.00 | 782 | 3 | 0.96 | 98 | 760 | 89 | 2.03 | 78 | 15 | 492 | <20 | 0.32 | <10 | <10 | 156 | <10 | 200 |
| D10-4 | 36199 | 68.60 | 69.10 | 533 | 5 | 1.65 | 169 | 700 | 11 | 1.15 | <5 | 14 | 1020 | <20 | 0.34 | <10 | <10 | 115 | <10 | 117 |
| D10-4 | 36200 | 74.00 | 75.00 | 504 | 3 | 1.69 | 111 | 600 | <2 | 0.82 | <5 | 14 | 1030 | <20 | 0.31 | <10 | <10 | 106 | <10 | 89 |
| D10-4 | 36201 | 77.00 | 77.80 | 865 | 4 | 2.99 | 193 | 1370 | 6 | 1.84 | 5 | 27 | 1790 | <20 | 0.56 | <10 | 10 | 246 | <10 | 201 |
| D10-4 | 36202 | 80.25 | 80.75 | 519 | 2 | 1.81 | 107 | 640 | <2 | 0.87 | <5 | 13 | 948 | <20 | 0.25 | <10 | <10 | 95 | <10 | 78 |
| D10-4 | 36203 | 88.90 | 89.40 | 309 | 2 | 1.13 | 92 | 710 | 3 | 1.07 | <5 | 14 | 639 | <20 | 0.3 | <10 | <10 | 153 | <10 | 136 |
| D10-4 | 36204 | 89.90 | 90.50 | 428 | 2 | 1.37 | 114 | 850 | 2 | 0.94 | <5 | 16 | 931 | <20 | 0.33 | <10 | <10 | 163 | <10 | 124 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

| | Sampl | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|-------|------|------|--------|------|-------|-----|-------|----------|-----|------|-----|------|-----|------|-----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-4 | 36205 | 90.90 | 91.40 | 0.002 | 1.3 | 5.98 | 155 | 670 | 0.6 | <2 | 11.4 | 0.6 | 11 | 105 | 22 | 2.56 | 10 | 0.9 | 20 | 1.54 |
| D10-5 | 36206 | 4.30 | 5.00 | 0.012 | 3.5 | 6.49 | 1685 | 760 | 1 | <2 | 8.94 | 0.8 | 11 | 83 | 45 | 3.02 | 10 | 1.73 | 30 | 1.45 |
| D10-5 | 36207 | 9.35 | 9.85 | 0.162 | 3.5 | 6.45 | 1635 | 760 | 1 | 2 | 8.86 | 0.8 | 11 | 83 | 44 | 3.01 | 10 | 1.73 | 30 | 1.46 |
| D10-5 | 36208 | 12.50 | 13.00 | 0.003 | 1.4 | 7.52 | 33 | 940 | 1.4 | <2 | 8.1 | 0.7 | 13 | 84 | 35 | 3.89 | 10 | 2.27 | 30 | 2.02 |
| D10-5 | 36209 | 14.35 | 14.85 | 0.187 | 0.9 | 6.87 | 483 | 1070 | 1.6 | <2 | 4.13 | 16.2 | 9 | 41 | 40 | 3.04 | 10 | 2.82 | 30 | 1.36 |
| D10-5 | 36210 | 15.65 | 16.15 | 0.51 | 2.2 | 7.59 | 2590 | 1090 | 1.1 | <2 | 5.52 | < 0.5 | 15 | 127 | 49 | 4.11 | 20 | 2.45 | 20 | 2.14 |
| D10-5 | 36211 | 17.60 | 18.10 | 0.193 | 1.4 | 7.77 | 899 | 1250 | 1.6 | <2 | 5.5 | < 0.5 | 16 | 41 | 57 | 5.38 | 20 | 3.06 | 30 | 2.03 |
| D10-5 | 36212 | 18.90 | 19.40 | 0.026 | 0.9 | 7.19 | 1510 | 890 | 1.6 | <2 | 5.38 | < 0.5 | 10 | 34 | 25 | 3.7 | 20 | 2.5 | 30 | 1.33 |
| D10-5 | 36213 | 19.70 | 20.20 | 0.153 | 1.4 | 7.5 | 2540 | 910 | 1.3 | <2 | 5.75 | < 0.5 | 15 | 30 | 34 | 5.09 | 20 | 2.5 | 30 | 1.84 |
| D10-5 | 36214 | 21.35 | 21.95 | 0.078 | 1.5 | 7.93 | 403 | 970 | 1.8 | <2 | 4.38 | < 0.5 | 12 | 23 | 45 | 5.81 | 20 | 3.22 | 30 | 1.55 |
| D10-5 | 36215 | 23.40 | 24.10 | 0.231 | 1.9 | 7.53 | 1225 | 1120 | 1.5 | <2 | 5.19 | < 0.5 | 15 | 46 | 38 | 5.56 | 20 | 2.63 | 30 | 2.18 |
| D10-5 | 36216 | 25.70 | 26.45 | 0.159 | 1.7 | 6.59 | 666 | 830 | 1.2 | <2 | 6.66 | < 0.5 | 20 | 35 | 52 | 6.8 | 20 | 1.73 | 30 | 2.66 |
| D10-5 | 36217 | 27.10 | 28.00 | 0.002 | 1.2 | 7.53 | 13 | 920 | 1.4 | <2 | 5.39 | < 0.5 | 21 | 39 | 28 | 6.74 | 20 | 2.77 | 30 | 2.83 |
| D10-5 | 36218 | 28.00 | 28.50 | 1.535 | 2.2 | 7.03 | 5940 | 820 | 1.4 | <2 | 6.61 | < 0.5 | 22 | 39 | 30 | 7.47 | 20 | 1.94 | 30 | 3.01 |
| D10-5 | 36219 | 28.50 | 29.40 | 0.591 | 2 | 7.31 | 1655 | 930 | 1.3 | <2 | 6.38 | < 0.5 | 22 | 37 | 38 | 7.05 | 20 | 2.36 | 30 | 2.59 |
| D10-5 | 36220 | 29.40 | 30.00 | 0.019 | 1.2 | 7.91 | 62 | 830 | 1.5 | <2 | 5.99 | < 0.5 | 22 | 39 | 40 | 7.46 | 20 | 2.46 | 30 | 3.07 |
| D10-5 | 36221 | 30.00 | 30.50 | 0.062 | 1.7 | 7.59 | 433 | 780 | 1.5 | <2 | 5.77 | < 0.5 | 21 | 35 | 41 | 6.95 | 20 | 2.43 | 30 | 2.82 |
| D10-5 | 36222 | 30.50 | 31.10 | 0.006 | 1.2 | 7.46 | 46 | 750 | 1.4 | <2 | 5.8 | < 0.5 | 22 | 39 | 38 | 7.2 | 20 | 2.42 | 30 | 3.07 |
| D10-5 | 36223 | 31.10 | 31.60 | 0.319 | 1.9 | 7.03 | 3160 | 720 | 1.5 | <2 | 7.55 | 0.7 | 22 | 38 | 40 | 6.46 | 20 | 2.19 | 30 | 2.1 |
| D10-5 | 36224 | 33.25 | 34.00 | 0.28 | 4.9 | 6.8 | 1575 | 710 | 1.2 | <2 | 6.45 | 11.5 | 26 | 39 | 46 | 8.41 | 20 | 2.13 | 30 | 2.81 |
| D10-5 | 36225 | 34.00 | 34.50 | 0.026 | 1.5 | 7.49 | 22 | 920 | 1.3 | <2 | 5.98 | 0.5 | 23 | 39 | 63 | 6.99 | 20 | 2.48 | 30 | 2.69 |
| D10-5 | 36226 | 37.10 | 38.00 | 0.682 | 7.9 | 6.59 | 4450 | 610 | 1.2 | <2 | 5.9 | 1.2 | 22 | 32 | 51 | 6.37 | 10 | 2.75 | 30 | 2.52 |
| D10-5 | 36227 | 38.00 | 39.00 | 0.663 | 3.1 | 6.98 | 6750 | 600 | 1.3 | <2 | 5.81 | 0.9 | 17 | 28 | 44 | 5.95 | 20 | 3.42 | 30 | 2.51 |
| D10-5 | 36228 | 39.00 | 40.30 | 5.05 | 11.2 | 5.6 | >10000 | 430 | 1.1 | 3 | 3.71 | 6.9 | 12 | 40 | 34 | 7.52 | 10 | 2.22 | 20 | 1.23 |
| D10-5 | 36229 | 40.30 | 41.90 | 0.34 | 2 | 7.68 | 476 | 1320 | 1.6 | <2 | 5.67 | 1.6 | 19 | 49 | 52 | 6.25 | 20 | 2.67 | 30 | 2.43 |
| D10-5 | 36230 | 41.90 | 42.90 | 0.245 | 2.1 | 7.79 | 917 | 1200 | 1.6 | <2 | 4.77 | 0.5 | 19 | 36 | 64 | 6.3 | 20 | 3.09 | 30 | 2.32 |
| D10-5 | 36231 | 42.90 | 43.70 | 3.55 | 5.9 | 5.57 | 6760 | 470 | 1.1 | <2 | 6.92 | 1.8 | 15 | 29 | 29 | 4.46 | 10 | 2.09 | 30 | 0.71 |
| D10-5 | 36232 | 43.70 | 44.60 | 0.261 | 2.2 | 6.93 | 1015 | 1030 | 1.3 | <2 | 5.96 | 7.1 | 13 | 71 | 37 | 4.2 | 10 | 2.29 | 30 | 1.77 |
| D10-5 | 36233 | 49.55 | 50.05 | 0.008 | 1.5 | 6.22 | 22 | 1080 | 0.8 | <2 | 9.09 | 1.2 | 12 | 126 | 48 | 3.56 | 10 | 1.37 | 20 | 2.24 |
| D10-5 | 36234 | 52.30 | 52.80 | 0.019 | 1.8 | 6.42 | 33 | 1040 | 0.9 | <2 | 4.81 | 1.3 | 15 | 139 | 62 | 4.19 | 10 | 1.52 | 30 | 2.98 |
| D10-5 | 36235 | 54.80 | 55.30 | 0.023 | 1.5 | 6.63 | 14 | 1580 | 0.9 | <2 | 6.1 | < 0.5 | 14 | 117 | 65 | 3.92 | 10 | 1.85 | 30 | 2.75 |
| D10-5 | 36236 | 58.50 | 59.00 | 0.011 | 0.6 | 6.64 | 205 | 1330 | 0.8 | <2 | 5.82 | < 0.5 | 14 | 160 | 73 | 3.86 | 10 | 1.66 | 20 | 2.69 |
| D10-5 | 36237 | 63.20 | 63.80 | 0.007 | 1.3 | 5.74 | 7 | 980 | 0.7 | <2 | 10.9 | < 0.5 | 13 | 182 | 64 | 3.45 | 10 | 1.54 | 20 | 2.3 |
| D10-5 | 36238 | 67.00 | 67.50 | 0.002 | 1.8 | 5.44 | 10 | 830 | < 0.5 | <2 | 14.5 | < 0.5 | 12 | 128 | 33 | 2.95 | 10 | 1.05 | 20 | 2.11 |
| D10-5 | 36239 | 72.00 | 72.50 | 0.006 | 1.1 | 4.93 | 10 | 740 | 0.6 | <2 | 11.85 | < 0.5 | 10 | 121 | 37 | 2.72 | 10 | 1.06 | 20 | 1.07 |
| D10-5 | 36240 | 77.50 | 78.00 | 0.013 | 1.8 | 5.32 | 40 | 1030 | 0.6 | <2 | 10.6 | < 0.5 | 11 | 87 | 65 | 2.93 | 10 | 1.33 | 20 | 1.74 |
| D10-5 | 36241 | 79.00 | 79.50 | 0.011 | 1.4 | 6.3 | 15 | 1160 | 0.8 | <2 | 5.53 | < 0.5 | 14 | 122 | 60 | 3.68 | 10 | 1.55 | 30 | 2.38 |
| D10-5 | 36242 | 85.00 | 85.50 | 0.009 | 1.7 | 4.97 | 17 | 950 | 0.7 | <2 | 10.65 | 5.2 | 11 | 111 | 44 | 3.04 | 10 | 1.16 | 20 | 2.15 |
| D10-5 | 36243 | 90.00 | 90.50 | 0.006 | 0.6 | 5.84 | 23 | 1280 | 0.7 | <2 | 7.34 | 3.6 | 13 | 128 | 50 | 3.27 | 10 | 1.53 | 20 | 2.18 |
| D10-5 | 36244 | 4.50 | 5.00 | 0.028 | 1.6 | 6.15 | 17 | 1400 | 0.9 | <2 | 8.86 | 0.7 | 12 | 105 | 59 | 3.78 | 10 | 1.62 | 30 | 1.71 |
| D10-5 | 36245 | 8.50 | 9.00 | 0.035 | 2.2 | 6.56 | 11 | 1440 | 0.9 | <2 | 8.03 | 0.8 | 13 | - 90 | 58 | 4.2 | 10 | 1.69 | 20 | 1.69 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % |

| | Sample | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|------|-----|------|-----|------|-----|------|-----|----------|------|-----|------|-----|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T1 | U | V | W | Zn |
| D10-4 | 36205 | 90.90 | 91.40 | 522 | 1 | 1.6 | 53 | 850 | <2 | 0.35 | 11 | 13 | 923 | <20 | 0.31 | <10 | 10 | 106 | <10 | 78 |
| D10-5 | 36206 | 4.30 | 5.00 | 429 | 4 | 2.38 | 42 | 670 | 12 | 1.1 | 13 | 13 | 942 | <20 | 0.25 | <10 | 10 | 111 | <10 | 81 |
| D10-5 | 36207 | 9.35 | 9.85 | 437 | 3 | 2.34 | 44 | 710 | 12 | 1.06 | 11 | 13 | 933 | <20 | 0.25 | <10 | 10 | 112 | <10 | 80 |
| D10-5 | 36208 | 12.50 | 13.00 | 714 | 3 | 2.17 | 39 | 1370 | 4 | 0.74 | <5 | 19 | 1170 | <20 | 0.36 | <10 | <10 | 158 | <10 | 84 |
| D10-5 | 36209 | 14.35 | 14.85 | 465 | 9 | 2.04 | 25 | 840 | <2 | 0.94 | <5 | 13 | 691 | <20 | 0.25 | <10 | <10 | 115 | <10 | 359 |
| D10-5 | 36210 | 15.65 | 16.15 | 505 | 17 | 2.6 | 75 | 930 | 2 | 1.74 | 6 | 19 | 886 | <20 | 0.4 | <10 | 10 | 205 | <10 | 64 |
| D10-5 | 36211 | 17.60 | 18.10 | 938 | 3 | 2.1 | 13 | 2270 | 8 | 1.81 | <5 | 24 | 943 | <20 | 0.41 | <10 | <10 | 212 | <10 | 67 |
| D10-5 | 36212 | 18.90 | 19.40 | 716 | 2 | 2.47 | 16 | 1100 | <2 | 0.9 | 6 | 15 | 926 | <20 | 0.27 | <10 | 10 | 130 | <10 | 56 |
| D10-5 | 36213 | 19.70 | 20.20 | 1070 | 2 | 2.03 | 9 | 2050 | 4 | 1.17 | <5 | 23 | 916 | <20 | 0.37 | <10 | <10 | 199 | 10 | 85 |
| D10-5 | 36214 | 21.35 | 21.95 | 874 | 1 | 2.22 | 6 | 1850 | 5 | 2.86 | 15 | 19 | 1050 | <20 | 0.35 | <10 | 10 | 163 | <10 | 74 |
| D10-5 | 36215 | 23.40 | 24.10 | 1080 | 2 | 2.08 | 17 | 2010 | 6 | 1.31 | <5 | 24 | 954 | <20 | 0.39 | <10 | 10 | 205 | <10 | 88 |
| D10-5 | 36216 | 25.70 | 26.45 | 1295 | 2 | 1.87 | 10 | 3010 | 4 | 1.95 | 5 | 32 | 744 | <20 | 0.46 | <10 | <10 | 269 | 10 | 102 |
| D10-5 | 36217 | 27.10 | 28.00 | 1210 | 2 | 2.08 | 11 | 3020 | 3 | 1.1 | <5 | 34 | 826 | <20 | 0.49 | <10 | <10 | 287 | <10 | 93 |
| D10-5 | 36218 | 28.00 | 28.50 | 1345 | 2 | 1.76 | 7 | 3230 | 6 | 2.54 | 15 | 36 | 931 | <20 | 0.5 | <10 | <10 | 304 | 10 | 90 |
| D10-5 | 36219 | 28.50 | 29.40 | 1220 | 1 | 1.68 | 8 | 3060 | 6 | 2.19 | 8 | 33 | 885 | <20 | 0.48 | <10 | <10 | 280 | <10 | 99 |
| D10-5 | 36220 | 29.40 | 30.00 | 1345 | 1 | 1.81 | 11 | 3240 | <2 | 1.21 | <5 | 34 | 978 | <20 | 0.52 | <10 | <10 | 296 | <10 | 104 |
| D10-5 | 36221 | 30.00 | 30.50 | 1235 | 1 | 1.82 | 7 | 2970 | <2 | 1.46 | <5 | 33 | 914 | <20 | 0.49 | <10 | <10 | 274 | <10 | 92 |
| D10-5 | 36222 | 30.50 | 31.10 | 1280 | 1 | 1.59 | 9 | 3210 | 4 | 1.15 | <5 | 35 | 840 | <20 | 0.52 | <10 | <10 | 297 | <10 | 104 |
| D10-5 | 36223 | 31.10 | 31.60 | 1290 | 1 | 1.65 | 9 | 3080 | 9 | 2.57 | 12 | 34 | 710 | <20 | 0.46 | <10 | <10 | 276 | 10 | 115 |
| D10-5 | 36224 | 33.25 | 34.00 | 1245 | 1 | 1.29 | 9 | 3590 | 218 | 2.76 | 14 | 39 | 703 | <20 | 0.61 | <10 | <10 | 339 | <10 | 318 |
| D10-5 | 36225 | 34.00 | 34.50 | 1115 | 1 | 1.51 | 10 | 3110 | 4 | 1.51 | <5 | 33 | 799 | <20 | 0.51 | <10 | <10 | 279 | <10 | 104 |
| D10-5 | 36226 | 37.10 | 38.00 | 1460 | 1 | 1.49 | 9 | 2660 | 52 | 3.04 | 76 | 31 | 589 | <20 | 0.44 | <10 | <10 | 272 | 10 | 52 |
| D10-5 | 36227 | 38.00 | 39.00 | 1780 | 1 | 0.97 | 9 | 2690 | 23 | 3.53 | 24 | 29 | 477 | <20 | 0.45 | <10 | <10 | 261 | 10 | 34 |
| D10-5 | 36228 | 39.00 | 40.30 | 897 | 2 | 1.32 | 18 | 1400 | 280 | 6.02 | 112 | 18 | 387 | <20 | 0.26 | <10 | 10 | 144 | 10 | 142 |
| D10-5 | 36229 | 40.30 | 41.90 | 1150 | 2 | 1.69 | 16 | 2620 | 12 | 1.91 | 30 | 29 | 840 | <20 | 0.47 | <10 | <10 | 248 | <10 | 115 |
| D10-5 | 36230 | 41.90 | 42.90 | 970 | 2 | 1.79 | 9 | 2760 | 6 | 2.17 | 19 | 29 | 815 | <20 | 0.45 | <10 | <10 | 255 | <10 | 81 |
| D10-5 | 36231 | 42.90 | 43.70 | 1070 | 1 | 1.55 | 9 | 2090 | 52 | 3.13 | 35 | 22 | 542 | <20 | 0.34 | <10 | <10 | 183 | 10 | 44 |
| D10-5 | 36232 | 43.70 | 44.60 | 745 | 3 | 1.58 | 47 | 1200 | 48 | 1.39 | 12 | 17 | 668 | <20 | 0.31 | <10 | <10 | 149 | 10 | 159 |
| D10-5 | 36233 | 49.55 | 50.05 | 453 | 3 | 1.58 | 96 | 830 | <2 | 1.31 | <5 | 16 | 912 | <20 | 0.32 | <10 | <10 | 157 | <10 | 128 |
| D10-5 | 36234 | 52.30 | 52.80 | 329 | 2 | 1.6 | 128 | 800 | 2 | 1.87 | <5 | 18 | 561 | <20 | 0.36 | <10 | 10 | 194 | <10 | 191 |
| D10-5 | 36235 | 54.80 | 55.30 | 389 | 3 | 1.48 | 97 | 830 | <2 | 1.42 | <5 | 17 | 664 | <20 | 0.35 | <10 | 10 | 166 | <10 | 101 |
| D10-5 | 36236 | 58.50 | 59.00 | 391 | 4 | 1.78 | 107 | 750 | 2 | 1.34 | <5 | 17 | 632 | <20 | 0.36 | <10 | 10 | 150 | <10 | 96 |
| D10-5 | 36237 | 63.20 | 63.80 | 476 | 11 | 1.19 | 107 | 700 | 3 | 1.29 | <5 | 15 | 1020 | <20 | 0.3 | <10 | <10 | 134 | <10 | 97 |
| D10-5 | 36238 | 67.00 | 67.50 | 766 | 5 | 1.29 | 88 | 600 | <2 | 0.52 | <5 | 13 | 1290 | <20 | 0.29 | <10 | <10 | 102 | <10 | 136 |
| D10-5 | 36239 | 72.00 | 72.50 | 466 | 3 | 1.21 | 87 | 640 | <2 | 1.26 | <5 | 12 | 1020 | <20 | 0.25 | <10 | 10 | 100 | <10 | 99 |
| D10-5 | 36240 | 77.50 | 78.00 | 473 | 2 | 1.53 | 73 | 720 | 3 | 1.12 | <5 | 14 | 945 | <20 | 0.29 | <10 | 10 | 134 | <10 | 95 |
| D10-5 | 36241 | 79.00 | 79.50 | 304 | 2 | 1.45 | 98 | 860 | 2 | 1.35 | <5 | 18 | 789 | <20 | 0.36 | <10 | 10 | 192 | <10 | 129 |
| D10-5 | 36242 | 85.00 | 85.50 | 496 | 3 | 1.07 | 83 | 770 | 6 | 0.88 | 12 | 13 | 895 | <20 | 0.27 | <10 | 10 | 131 | <10 | 230 |
| D10-5 | 36243 | 90.00 | 90.50 | 371 | 1 | 1.19 | 82 | 730 | <2 | 0.85 | <5 | 17 | 710 | <20 | 0.35 | <10 | <10 | 162 | <10 | 205 |
| D10-6 | 36244 | 4.50 | 5.00 | 375 | 3 | 1.05 | 55 | 1200 | 2 | 1.09 | 6 | 18 | 1240 | <20 | 0.4 | <10 | <10 | 189 | <10 | 179 |
| D10-6 | 36245 | 8.50 | 9.00 | 374 | 3 | 1.4 | 51 | 960 | <2 | 1.1 | <5 | 19 | 1110 | <20 | 0.43 | <10 | 10 | 186 | <10 | 158 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

| | Sample | e | | Parameter | | | | | | | | | er | | | | | | | |
|----------|------------|-------|-------|-----------|-------|------|--------|------|-------|-----|-------|-------|-----|-----|-----|-------|-----|------|-----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-6 | 36246 | 12.50 | 13.00 | 0.011 | 2.1 | 6.07 | 12 | 1390 | 0.8 | <2 | 11.25 | 1.2 | 12 | 83 | 49 | 3.55 | 10 | 1.42 | 20 | 1.64 |
| D10-6 | 36247 | 16.00 | 16.50 | 0.005 | 3.4 | 2.6 | 37 | 810 | < 0.5 | <2 | 24.4 | 0.5 | 7 | 32 | 23 | 1.76 | 10 | 0.6 | 20 | 0.83 |
| D10-6 | 36248 | 19.80 | 20.30 | 0.004 | 1.3 | 1.63 | 17 | 300 | < 0.5 | <2 | 18.9 | < 0.5 | 5 | 24 | 24 | 1.7 | 10 | 0.34 | 20 | 8.22 |
| D10-6 | 36249 | 22.60 | 23.10 | 0.007 | 0.9 | 6.63 | 15 | 1380 | 0.9 | <2 | 6.83 | 0.6 | 15 | 82 | 72 | 4.12 | 20 | 1.39 | 20 | 1.34 |
| D10-6 | 36250 | 28.00 | 28.50 | 0.01 | 1.8 | 5.36 | 136 | 1120 | 0.7 | <2 | 11.25 | 1 | 13 | 77 | 54 | 3.28 | 10 | 1.08 | 20 | 1.37 |
| D10-6 | 36251 | 31.95 | 32.45 | 0.007 | 1.6 | 5.4 | 7 | 1170 | 0.8 | <2 | 10.35 | 0.6 | 10 | 60 | 53 | 3.4 | 10 | 1.23 | 30 | 1.56 |
| D10-6 | 36252 | 37.00 | 37.50 | 0.016 | 1.9 | 4.91 | 69 | 1120 | 0.6 | <2 | 13.6 | 0.5 | 10 | 65 | 35 | 2.66 | 10 | 0.89 | 20 | 1.4 |
| D10-6 | 36253 | 40.90 | 41.40 | 0.009 | 1.7 | 5.14 | 20 | 1070 | 0.7 | <2 | 10.9 | 0.9 | 12 | 79 | 50 | 2.91 | 10 | 1.16 | 20 | 1.52 |
| D10-6 | 36254 | 43.50 | 44.00 | 0.038 | 1.6 | 5.06 | 15 | 1020 | 0.6 | <2 | 11.65 | 0.7 | 12 | 76 | 48 | 3.29 | 10 | 1.28 | 20 | 1.39 |
| D10-6 | 36255 | 47.00 | 47.50 | 0.009 | 1.3 | 6.34 | 9 | 1180 | 0.8 | <2 | 8.73 | 0.8 | 11 | 72 | 43 | 3.4 | 10 | 1.57 | 20 | 1.4 |
| D10-6 | 36256 | 50.90 | 51.40 | 0.015 | 1.6 | 5.66 | 18 | 1120 | 0.7 | <2 | 9.64 | 0.6 | 10 | 68 | 44 | 3.33 | 10 | 1.48 | 20 | 1.53 |
| D10-6 | 36257 | 57.50 | 58.00 | 0.005 | 1.4 | 7.39 | 12 | 1440 | 0.6 | <2 | 7.78 | < 0.5 | 16 | 27 | 54 | 4.38 | 10 | 1.72 | 20 | 2.41 |
| D10-6 | 36258 | 65.00 | 65.50 | 0.016 | 1.6 | 5.22 | 15 | 1160 | 0.7 | <2 | 10.05 | 1 | 12 | 92 | 38 | 3.04 | 10 | 1.18 | 20 | 1.52 |
| D10-6 | 36259 | 72.00 | 72.50 | 0.004 | 1.8 | 5.92 | 7 | 990 | 0.6 | <2 | 10.45 | 0.7 | 12 | 114 | 37 | 3.13 | 10 | 1.13 | 20 | 1.78 |
| D10-6 | 36260 | 77.80 | 78.30 | 0.004 | 1.4 | 4.2 | 19 | 570 | 0.5 | <2 | 14.45 | 0.5 | 9 | 67 | 28 | 2.33 | 10 | 1.06 | 20 | 0.83 |
| D10-7 | 36261 | 2.00 | 2.50 | 0.004 | 1.1 | 7.97 | 30 | 720 | 1.2 | <2 | 6.09 | < 0.5 | 27 | 51 | 89 | 8.37 | 20 | 2.37 | 40 | 2.93 |
| D10-7 | 36262 | 5.50 | 7.00 | 0.074 | 1.2 | 6.07 | 141 | 670 | 0.9 | <2 | 7.98 | < 0.5 | 31 | 75 | 120 | 10.65 | 20 | 2.02 | 40 | 4.14 |
| D10-7 | 36263 | 7.00 | 8.00 | 0.008 | 1 | 6.17 | <5 | 520 | 0.9 | <2 | 8.62 | < 0.5 | 35 | 72 | 181 | 11.15 | 20 | 1.5 | 40 | 3.89 |
| D10-7 | 36264 | 8.00 | 9.00 | 0.007 | 1.3 | 6.63 | 6 | 630 | 1 | <2 | 8.16 | < 0.5 | 31 | 62 | 163 | 10.95 | 20 | 1.69 | 40 | 4.01 |
| D10-7 | 36265 | 9.00 | 10.10 | 0.008 | 1 | 6.41 | 10 | 480 | 1 | <2 | 11.5 | < 0.5 | 22 | 69 | 57 | 7.74 | 10 | 0.91 | 30 | 3.66 |
| D10-7 | 36266 | 10.10 | 10.60 | 0.004 | 1.4 | 8.68 | <5 | 910 | 1.1 | <2 | 7.21 | < 0.5 | 27 | 44 | 71 | 7.43 | 20 | 2.26 | 30 | 2.86 |
| D10-7 | 36267 | 13.00 | 13.60 | 0.068 | 1.5 | 8 | 492 | 800 | 1.1 | <2 | 7.38 | 0.9 | 28 | 31 | 103 | 7.94 | 20 | 1.95 | 30 | 2.47 |
| D10-7 | 36268 | 16.00 | 16.50 | 0.006 | 0.9 | 6.85 | 7 | 870 | 0.9 | <2 | 8.28 | < 0.5 | 34 | 91 | 98 | 10.1 | 20 | 2.14 | 30 | 4.54 |
| D10-7 | 36269 | 20.40 | 21.00 | 0.009 | 1.1 | 6.98 | 7 | 900 | 0.9 | <2 | 7.5 | < 0.5 | 30 | 53 | 106 | 9.92 | 20 | 2 | 30 | 3.93 |
| D10-7 | 36270 | 21.00 | 21.70 | 0.007 | 1.3 | 7.27 | <5 | 890 | 0.9 | <2 | 7.09 | < 0.5 | 30 | 50 | 86 | 9.31 | 20 | 2.29 | 30 | 3.95 |
| D10-7 | 36271 | 23.70 | 24.20 | 0.122 | 1.1 | 7.24 | 892 | 750 | 1 | <2 | 6.9 | < 0.5 | 25 | 54 | 96 | 8.4 | 20 | 2.51 | 30 | 3.46 |
| D10-7 | 36272 | 27.50 | 28.00 | 0.004 | 0.5 | 7.99 | <5 | 1150 | 1.3 | 3 | 8.05 | 0.8 | 30 | 59 | 58 | 10.4 | 20 | 2.52 | 30 | 4.3 |
| D10-7 | 36273 | 30.75 | 31.25 | 1.89 | 1.7 | 7.05 | >10000 | 550 | 1 | 2 | 5.59 | 0.9 | 35 | 25 | 264 | 9.08 | 10 | 1.41 | 20 | 2.23 |
| D10-7 | 36274 | 33.25 | 33.75 | 0.018 | < 0.5 | 9 | 20 | 1030 | 1.1 | 3 | 7.3 | < 0.5 | 25 | 31 | 114 | 9.2 | 20 | 2.18 | 20 | 3.09 |
| D10-7 | 36275 | 34.70 | 35.30 | 0.012 | 1 | 8.43 | 4310 | 820 | 1.1 | 4 | 7.57 | < 0.5 | 21 | 31 | 67 | 7.28 | 20 | 2.44 | 20 | 1.67 |
| D10-7 | 36276 | 35.30 | 35.80 | 0.146 | 0.9 | 5.53 | 732 | 430 | 0.7 | 2 | 11.65 | < 0.5 | 14 | 17 | 88 | 6.52 | 10 | 1.11 | 10 | 1.68 |
| D10-7 | 36277 | 35.80 | 36.80 | 0.21 | 0.8 | 7.24 | 174 | 650 | 0.9 | 3 | 9.67 | < 0.5 | 20 | 27 | 139 | 8.08 | 20 | 1.92 | 20 | 1.89 |
| D10-7 | 36278 | 39.00 | 39.50 | 0.016 | < 0.5 | 8.11 | 22 | 1660 | 0.8 | 2 | 7.1 | 0.5 | 31 | 54 | 107 | 9.61 | 20 | 2.51 | 20 | 3.94 |
| D10-7 | 36279 | 40.75 | 41.25 | 0.003 | 0.5 | 8.32 | 17 | 1810 | 1 | 3 | 8.07 | 0.6 | 28 | 85 | 95 | 7.31 | 20 | 2.1 | 20 | 3.64 |
| D10-7 | 36280 | 43.00 | 43.50 | 0.003 | < 0.5 | 8.09 | 8 | 1580 | 0.9 | 5 | 7.85 | 0.7 | 26 | 50 | 65 | 8.99 | 20 | 2.3 | 20 | 3.73 |
| D10-7 | 36281 | 45.30 | 45.80 | 0.006 | < 0.5 | 8.01 | 9 | 1380 | 0.9 | 2 | 8.06 | < 0.5 | 25 | 52 | 89 | 8.57 | 20 | 2.08 | 20 | 3.85 |
| D10-7 | 36282 | 46.60 | 47.10 | 0.029 | 0.6 | 8.14 | 32 | 1000 | 1 | <2 | 8.76 | < 0.5 | 23 | 42 | 110 | 7.43 | 20 | 1.93 | 20 | 2.14 |
| D10-7 | 36283 | 47.10 | 47.60 | 0.02 | 0.8 | 7.93 | 25 | 720 | 1.2 | 2 | 8.71 | 0.5 | 26 | 61 | 90 | 7.69 | 20 | 1.62 | 20 | 2.98 |
| D10-7 | 36284 | 47.60 | 48.10 | 0.051 | 0.6 | 6.71 | 477 | 680 | 1 | 6 | 10.2 | < 0.5 | 27 | 78 | 77 | 7.44 | 20 | 2.12 | 20 | 2.59 |
| D10-7 | 36285 | 48.10 | 48.65 | 0.158 | 0.5 | 5.65 | 1905 | 540 | 1 | 6 | 8.82 | < 0.5 | 39 | 75 | 120 | 11.45 | 10 | 1.55 | 20 | 3.41 |
| D10-7 | 36286 | 52.00 | 52.50 | 0.016 | < 0.5 | 7.32 | 18 | 930 | 1.1 | 4 | 8.01 | < 0.5 | 34 | 76 | 69 | 9.47 | 20 | 1.88 | 20 | 4.46 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % |

| | Sample | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|-------|-------|------|-----|------|-----|------|-----|------|-----|----------|------|-----|------|------------|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T 1 | U | v | W | Zn |
| D10-6 | 36246 | 12.50 | 13.00 | 493 | 3 | 1.37 | 50 | 1020 | 2 | 0.77 | 7 | 17 | 1500 | <20 | 0.38 | <10 | <10 | 188 | <10 | 164 |
| D10-6 | 36247 | 16.00 | 16.50 | 289 | 1 | 1.03 | 20 | 660 | <2 | 0.59 | <5 | 8 | 3290 | <20 | 0.14 | <10 | <10 | 78 | <10 | 57 |
| D10-6 | 36248 | 19.80 | 20.30 | 273 | 5 | 0.11 | 16 | 440 | <2 | 0.41 | <5 | 6 | 1430 | <20 | 0.09 | <10 | <10 | 82 | <10 | 39 |
| D10-6 | 36249 | 22.60 | 23.10 | 318 | 3 | 1.36 | 53 | 950 | 3 | 1.33 | 7 | 20 | 1030 | <20 | 0.42 | <10 | <10 | 198 | <10 | 136 |
| D10-6 | 36250 | 28.00 | 28.50 | 405 | 3 | 1.57 | 56 | 830 | 6 | 1.07 | 5 | 16 | 1640 | <20 | 0.34 | <10 | 10 | 167 | <10 | 140 |
| D10-6 | 36251 | 31.95 | 32.45 | 346 | 3 | 0.93 | 39 | 730 | 2 | 0.97 | 9 | 15 | 1310 | <20 | 0.32 | <10 | <10 | 138 | <10 | 138 |
| D10-6 | 36252 | 37.00 | 37.50 | 331 | 2 | 1.48 | 34 | 830 | 2 | 0.59 | <5 | 14 | 1580 | <20 | 0.31 | <10 | <10 | 126 | <10 | 105 |
| D10-6 | 36253 | 40.90 | 41.40 | 372 | 2 | 1.22 | 53 | 840 | 4 | 0.78 | <5 | 15 | 1360 | <20 | 0.33 | <10 | 10 | 152 | <10 | 139 |
| D10-6 | 36254 | 43.50 | 44.00 | 410 | 2 | 0.87 | 49 | 900 | <2 | 0.82 | <5 | 15 | 1300 | <20 | 0.33 | <10 | <10 | 139 | <10 | 117 |
| D10-6 | 36255 | 47.00 | 47.50 | 334 | 2 | 1.22 | 42 | 770 | 2 | 0.83 | <5 | 17 | 1200 | <20 | 0.36 | <10 | <10 | 151 | <10 | 135 |
| D10-6 | 36256 | 50.90 | 51.40 | 370 | 2 | 0.95 | 42 | 840 | 3 | 0.83 | <5 | 15 | 1060 | <20 | 0.33 | <10 | <10 | 136 | <10 | 121 |
| D10-6 | 36257 | 57.50 | 58.00 | 610 | 3 | 1.15 | 22 | 650 | 2 | 0.69 | <5 | 19 | 1180 | <20 | 0.32 | <10 | <10 | 172 | <10 | 79 |
| D10-6 | 36258 | 65.00 | 65.50 | 385 | 2 | 1.13 | 47 | 710 | <2 | 0.63 | <5 | 14 | 1150 | <20 | 0.31 | <10 | <10 | 136 | <10 | 121 |
| D10-6 | 36259 | 72.00 | 72.50 | 461 | 2 | 1.53 | 57 | 760 | <2 | 0.65 | <5 | 15 | 1010 | <20 | 0.34 | <10 | <10 | 142 | <10 | 105 |
| D10-6 | 36260 | 77.80 | 78.30 | 531 | 1 | 0.7 | 36 | 580 | <2 | 0.71 | 5 | 12 | 1070 | <20 | 0.22 | <10 | <10 | 107 | <10 | 86 |
| D10-7 | 36261 | 2.00 | 2.50 | 1225 | 13 | 1.5 | 9 | 5500 | <2 | 0.73 | <5 | 33 | 847 | <20 | 0.65 | <10 | <10 | 359 | <10 | 108 |
| D10-7 | 36262 | 5.50 | 7.00 | 1650 | 3 | 0.91 | 13 | 5920 | <2 | 1.57 | <5 | 46 | 557 | <20 | 0.76 | <10 | <10 | 541 | <10 | 139 |
| D10-7 | 36263 | 7.00 | 8.00 | 1610 | 4 | 0.89 | 13 | 7840 | <2 | 1.79 | <5 | 43 | 684 | <20 | 0.8 | <10 | <10 | 611 | <10 | 133 |
| D10-7 | 36264 | 8.00 | 9.00 | 1640 | 9 | 1.03 | 11 | 6270 | <2 | 1.52 | <5 | 46 | 779 | <20 | 0.8 | <10 | <10 | 561 | <10 | 142 |
| D10-7 | 36265 | 9.00 | 10.10 | 1910 | 5 | 0.84 | 21 | 4280 | <2 | 0.61 | 5 | 40 | 1100 | <20 | 0.36 | <10 | <10 | 301 | <10 | 111 |
| D10-7 | 36266 | 10.10 | 10.60 | 1240 | 19 | 1.6 | 8 | 3510 | <2 | 0.93 | <5 | 33 | 1250 | <20 | 0.61 | <10 | <10 | 324 | <10 | 106 |
| D10-7 | 36267 | 13.00 | 13.60 | 1315 | 11 | 1.58 | 8 | 3200 | 13 | 1.68 | 5 | 30 | 1060 | <20 | 0.54 | <10 | <10 | 265 | <10 | 142 |
| D10-7 | 36268 | 16.00 | 16.50 | 1795 | 1 | 1.01 | 18 | 4390 | <2 | 1.15 | <5 | 51 | 791 | <20 | 0.73 | <10 | <10 | 450 | <10 | 142 |
| D10-7 | 36269 | 20.40 | 21.00 | 1555 | 2 | 1.04 | 11 | 5100 | <2 | 1.32 | <5 | 50 | 844 | <20 | 0.72 | <10 | <10 | 435 | <10 | 128 |
| D10-7 | 36270 | 21.00 | 21.70 | 1540 | 1 | 1.21 | 10 | 3910 | <2 | 0.95 | <5 | 46 | 852 | <20 | 0.67 | <10 | <10 | 381 | <10 | 132 |
| D10-7 | 36271 | 23.70 | 24.20 | 1390 | 2 | 1.31 | 18 | 3400 | 7 | 1.26 | <5 | 35 | 783 | <20 | 0.44 | <10 | <10 | 329 | <10 | 113 |
| D10-7 | 36272 | 27.50 | 28.00 | 2030 | 8 | 1.49 | 11 | 4960 | 7 | 0.88 | <5 | 48 | 950 | <20 | 0.77 | <10 | <10 | 442 | <10 | 156 |
| D10-7 | 36273 | 30.75 | 31.25 | 1110 | 2 | 1.53 | 4 | 2680 | 13 | 2.4 | 14 | 25 | 771 | <20 | 0.43 | <10 | <10 | 248 | <10 | 155 |
| D10-7 | 36274 | 33.25 | 33.75 | 1375 | 52 | 1.61 | 3 | 4360 | 6 | 1.4 | <5 | 35 | 1160 | <20 | 0.65 | <10 | <10 | 333 | <10 | 121 |
| D10-7 | 36275 | 34.70 | 35.30 | 1050 | 6 | 1.67 | 5 | 3640 | 13 | 1.53 | 7 | 34 | 939 | <20 | 0.56 | <10 | <10 | 318 | 10 | 105 |
| D10-7 | 36276 | 35.30 | 35.80 | 1990 | 1 | 1.94 | 3 | 2670 | 6 | 3.79 | 16 | 23 | 1200 | <20 | 0.38 | <10 | <10 | 213 | 10 | 20 |
| D10-7 | 36277 | 35.80 | 36.80 | 1685 | <1 | 1.35 | 4 | 3610 | 6 | 2.96 | 5 | 35 | 1020 | <20 | 0.5 | <10 | <10 | 326 | <10 | 48 |
| D10-7 | 36278 | 39.00 | 39.50 | 1530 | <1 | 1.35 | 12 | 3950 | 7 | 1 | <5 | 40 | 1130 | <20 | 0.62 | <10 | <10 | 377 | <10 | 134 |
| D10-7 | 36279 | 40.75 | 41.25 | 1655 | <1 | 1.6 | 28 | 3150 | 6 | 0.52 | <5 | 36 | 1440 | <20 | 0.5 | <10 | <10 | 257 | <10 | 111 |
| D10-7 | 36280 | 43.00 | 43.50 | 1745 | <1 | 1.7 | 8 | 3800 | 7 | 0.28 | <5 | 41 | 1350 | <20 | 0.65 | <10 | <10 | 383 | <10 | 140 |
| D10-7 | 36281 | 45.30 | 45.80 | 1670 | <1 | 1.55 | 9 | 3540 | 8 | 0.97 | <5 | 40 | 1300 | <20 | 0.6 | <10 | <10 | 357 | <10 | 102 |
| D10-7 | 36282 | 46.60 | 47.10 | 1480 | <1 | 1.58 | 9 | 2800 | 4 | 1.72 | <5 | 32 | 1320 | <20 | 0.46 | <10 | <10 | 296 | 10 | 86 |
| D10-7 | 36283 | 47.10 | 47.60 | 1470 | <1 | 1.15 | 17 | 2760 | 5 | 0.92 | <5 | 36 | 876 | <20 | 0.52 | <10 | <10 | 316 | <10 | 115 |
| D10-7 | 36284 | 47.60 | 48.10 | 1765 | <1 | 0.93 | 17 | 2870 | 10 | 1.62 | 7 | 37 | 896 | <20 | 0.46 | <10 | <10 | 320 | 20 | 65 |
| D10-7 | 36285 | 48.10 | 48.65 | 1785 | <1 | 1.15 | 17 | 3350 | 9 | 3.41 | <5 | 44 | 719 | <20 | 0.51 | <10 | <10 | 336 | <10 | 89 |
| D10-7 | 36286 | 52.00 | 52.50 | 1780 | <1 | 1.19 | 15 | 4370 | 7 | 0.61 | <5 | 47 | 850 | <20 | 0.67 | <10 | <10 | 423 | <10 | 140 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

| | Sample | e | | | | | | | | | I | Paramete | er | | | | | | | J |
|----------|------------|--------|--------|---------|-------|------|--------|------|-----|-----|-------|----------|-----|-----|-----|-------|-----|------|-----|------|
| Location | Tag Number | From | То | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | K | La | Mg |
| D10-7 | 36287 | 54.30 | 55.00 | 0.068 | 0.5 | 7.16 | 463 | 810 | 1.2 | 3 | 6.15 | 0.7 | 27 | 75 | 79 | 8.3 | 20 | 2.69 | 20 | 3.97 |
| D10-7 | 36288 | 55.00 | 56.00 | 0.015 | 0.5 | 6.81 | 481 | 1050 | 1 | <2 | 8.54 | 0.6 | 33 | 87 | 69 | 9.16 | 20 | 1.94 | 20 | 4.79 |
| D10-7 | 36289 | 58.00 | 58.50 | 0.023 | 0.8 | 7.14 | 60 | 1310 | 1.1 | <2 | 7.54 | < 0.5 | 41 | 83 | 129 | 8.97 | 20 | 2.55 | 20 | 3.61 |
| D10-7 | 36290 | 59.15 | 59.65 | 0.008 | 0.8 | 7.16 | 40 | 1450 | 0.9 | <2 | 6.38 | < 0.5 | 27 | 81 | 128 | 8.49 | 20 | 2.38 | 20 | 3.84 |
| D10-7 | 36291 | 60.70 | 61.20 | 0.006 | 0.5 | 7.35 | 13 | 1100 | 1 | 2 | 7.61 | < 0.5 | 26 | 68 | 69 | 8.55 | 20 | 2.12 | 20 | 3.95 |
| D10-7 | 36292 | 61.20 | 62.00 | 0.099 | 0.7 | 6.94 | 2990 | 1170 | 1.1 | 2 | 6.24 | 0.5 | 24 | 53 | 70 | 7.55 | 20 | 2.31 | 20 | 3.08 |
| D10-7 | 36293 | 63.05 | 63.55 | 0.006 | 0.8 | 9.61 | 24 | 540 | 1.2 | <2 | 10.85 | < 0.5 | 21 | 14 | 58 | 6.89 | 20 | 1.13 | 10 | 2.05 |
| D10-7 | 36294 | 66.00 | 66.50 | < 0.001 | 0.7 | 8.9 | <5 | 1700 | 0.9 | <2 | 7.55 | < 0.5 | 30 | 44 | 97 | 8.91 | 20 | 2.56 | 20 | 3.76 |
| D10-7 | 36295 | 68.00 | 68.50 | 0.001 | < 0.5 | 8.67 | 7 | 1250 | 0.9 | <2 | 7.21 | < 0.5 | 25 | 38 | 61 | 9.06 | 20 | 2.23 | 20 | 3.52 |
| D10-7 | 36296 | 71.40 | 71.90 | 0.002 | 0.7 | 6.72 | 175 | 1200 | 0.9 | <2 | 5.37 | < 0.5 | 18 | 47 | 44 | 7.19 | 20 | 2.4 | 20 | 2.93 |
| D10-7 | 36297 | 73.15 | 74.15 | 0.003 | 0.9 | 8.34 | <5 | 1320 | 0.8 | 5 | 6.72 | < 0.5 | 36 | 21 | 128 | 10.45 | 20 | 2.92 | 20 | 3.91 |
| D10-7 | 36298 | 75.30 | 76.00 | 0.009 | 0.6 | 9.48 | 9 | 1670 | 1.1 | 4 | 4.26 | < 0.5 | 19 | 30 | 92 | 8.41 | 20 | 2.59 | 20 | 3.32 |
| D10-7 | 36299 | 79.85 | 80.35 | 0.003 | 0.6 | 7.77 | 8 | 1400 | 0.7 | 2 | 7.41 | < 0.5 | 30 | 21 | 117 | 9.09 | 20 | 2.8 | 20 | 3.78 |
| D10-7 | 36300 | 81.10 | 82.00 | 0.075 | 0.6 | 7.01 | 2200 | 990 | 1 | 3 | 7.69 | < 0.5 | 29 | 39 | 118 | 9.79 | 20 | 2.06 | 20 | 3.26 |
| D10-7 | 36301 | 82.00 | 83.00 | 0.574 | 0.8 | 7.04 | 1625 | 280 | 1.1 | 3 | 10.8 | 0.9 | 24 | 50 | 112 | 8.3 | 20 | 0.93 | 20 | 3.37 |
| D10-7 | 36302 | 84.00 | 84.50 | 0.003 | 0.5 | 6.91 | 14 | 200 | 1 | 5 | 12.95 | 1.3 | 19 | 51 | 69 | 6.77 | 20 | 0.43 | 20 | 2.95 |
| D10-7 | 36303 | 85.50 | 86.50 | 0.006 | 0.7 | 7.63 | 24 | 210 | 1.1 | 2 | 11.4 | < 0.5 | 24 | 70 | 135 | 7.76 | 20 | 0.57 | 20 | 3.26 |
| D10-7 | 36304 | 89.25 | 89.75 | 0.035 | < 0.5 | 5.82 | 8810 | 270 | 0.9 | <2 | 11 | < 0.5 | 31 | 86 | 121 | 8.62 | 10 | 0.61 | 20 | 3.52 |
| D10-7 | 36305 | 90.60 | 91.10 | 0.11 | 0.8 | 3.53 | 2340 | 140 | 0.6 | 4 | 8.72 | < 0.5 | 13 | 52 | 54 | 4.44 | 10 | 0.47 | 10 | 1.68 |
| D10-7 | 36306 | 91.70 | 92.20 | 0.006 | 0.6 | 4.21 | 18 | 40 | 0.8 | 2 | 14.1 | 1 | 23 | 141 | 121 | 8.18 | 10 | 0.08 | 20 | 3.84 |
| D10-7 | 36307 | 93.20 | 93.70 | 0.301 | 0.6 | 6.36 | 74 | 530 | 0.8 | 3 | 9.82 | < 0.5 | 28 | 61 | 45 | 9.29 | 20 | 1.52 | 20 | 4.29 |
| D10-7 | 36308 | 95.65 | 96.15 | 0.402 | 1 | 6.7 | >10000 | 300 | 0.8 | <2 | 10.4 | < 0.5 | 27 | 30 | 79 | 7.68 | 20 | 0.92 | 30 | 2.9 |
| D10-7 | 36309 | 99.50 | 100.00 | 0.013 | 0.6 | 7.37 | 63 | 550 | 1.1 | <2 | 6.88 | < 0.5 | 27 | 39 | 52 | 9.27 | 20 | 1.88 | 30 | 3.79 |
| D10-7 | 36310 | 100.50 | 101.00 | 0.005 | 1.2 | 7.1 | 19 | 620 | 1 | <2 | 6.92 | < 0.5 | 28 | 46 | 56 | 9.51 | 20 | 1.89 | 30 | 3.93 |
| D10-7 | 36311 | 102.50 | 103.00 | 0.009 | 1.4 | 8.06 | 172 | 730 | 1.2 | <2 | 7.57 | < 0.5 | 25 | 42 | 33 | 9.19 | 20 | 1.82 | 30 | 3.67 |
| D10-7 | 36312 | 107.30 | 107.80 | 0.007 | 1.2 | 8.06 | 15 | 730 | 1.1 | <2 | 6.44 | < 0.5 | 24 | 46 | 51 | 8.06 | 20 | 1.99 | 20 | 3.19 |
| D10-7 | 36313 | 108.30 | 108.80 | 0.002 | 1.2 | 8.75 | 12 | 610 | 1.1 | <2 | 7.75 | < 0.5 | 26 | 44 | 43 | 8.62 | 20 | 1.84 | 30 | 3.49 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % |

| | Sample | e | | | | | | | | |] | Paramete | er | | | | | | | |
|----------|------------|--------|--------|------|-----|------|-----|------|-----|------|-----|----------|------|-----|------|-----|-----|-----|-----|-----|
| Location | Tag Number | From | То | Mn | Mo | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T1 | U | V | W | Zn |
| D10-7 | 36287 | 54.30 | 55.00 | 1370 | <1 | 1.22 | 12 | 3700 | 10 | 0.72 | <5 | 45 | 578 | <20 | 0.58 | <10 | <10 | 364 | <10 | 167 |
| D10-7 | 36288 | 55.00 | 56.00 | 1735 | <1 | 0.97 | 21 | 3750 | 6 | 0.59 | <5 | 43 | 783 | <20 | 0.63 | <10 | <10 | 368 | <10 | 153 |
| D10-7 | 36289 | 58.00 | 58.50 | 1550 | <1 | 1.05 | 15 | 3440 | 10 | 2.08 | <5 | 41 | 901 | <20 | 0.56 | <10 | <10 | 363 | <10 | 103 |
| D10-7 | 36290 | 59.15 | 59.65 | 1395 | <1 | 1.27 | 14 | 3640 | 5 | 1.64 | <5 | 40 | 826 | <20 | 0.55 | <10 | <10 | 367 | <10 | 103 |
| D10-7 | 36291 | 60.70 | 61.20 | 1625 | <1 | 1.3 | 11 | 3820 | 6 | 0.8 | <5 | 43 | 899 | <20 | 0.6 | <10 | <10 | 405 | 10 | 142 |
| D10-7 | 36292 | 61.20 | 62.00 | 1245 | 1 | 1.28 | 9 | 3530 | 18 | 1.14 | <5 | 41 | 831 | <20 | 0.54 | <10 | <10 | 347 | <10 | 143 |
| D10-7 | 36293 | 63.05 | 63.55 | 1420 | 1 | 1.69 | 5 | 1720 | 6 | 0.53 | 6 | 22 | 1600 | <20 | 0.46 | <10 | <10 | 238 | <10 | 75 |
| D10-7 | 36294 | 66.00 | 66.50 | 1565 | <1 | 1.59 | 7 | 4510 | 7 | 0.7 | <5 | 39 | 1480 | <20 | 0.66 | <10 | <10 | 377 | <10 | 130 |
| D10-7 | 36295 | 68.00 | 68.50 | 1615 | <1 | 1.64 | 5 | 3830 | 5 | 0.69 | <5 | 42 | 1190 | <20 | 0.69 | <10 | <10 | 374 | <10 | 125 |
| D10-7 | 36296 | 71.40 | 71.90 | 1180 | 2 | 1.38 | 6 | 3070 | 7 | 0.62 | <5 | 35 | 821 | <20 | 0.52 | <10 | <10 | 321 | <10 | 103 |
| D10-7 | 36297 | 73.15 | 74.15 | 1565 | 2 | 1.59 | 3 | 4680 | 6 | 1.33 | <5 | 52 | 1080 | <20 | 0.77 | <10 | <10 | 435 | <10 | 143 |
| D10-7 | 36298 | 75.30 | 76.00 | 1135 | 1 | 2.19 | 2 | 3880 | 6 | 1 | <5 | 32 | 965 | <20 | 0.66 | <10 | <10 | 369 | <10 | 108 |
| D10-7 | 36299 | 79.85 | 80.35 | 1440 | 3 | 1.24 | 4 | 4940 | 9 | 1.2 | <5 | 53 | 989 | <20 | 0.75 | <10 | <10 | 414 | <10 | 132 |
| D10-7 | 36300 | 81.10 | 82.00 | 1515 | 1 | 1.16 | 14 | 4470 | 6 | 1.76 | 6 | 47 | 870 | <20 | 0.61 | <10 | <10 | 374 | <10 | 121 |
| D10-7 | 36301 | 82.00 | 83.00 | 1690 | <1 | 0.97 | 20 | 4050 | 5 | 1.3 | <5 | 38 | 1030 | <20 | 0.38 | <10 | <10 | 313 | <10 | 124 |
| D10-7 | 36302 | 84.00 | 84.50 | 1405 | 1 | 0.66 | 29 | 2470 | 3 | 0.82 | <5 | 28 | 1230 | <20 | 0.43 | <10 | <10 | 258 | <10 | 146 |
| D10-7 | 36303 | 85.50 | 86.50 | 1595 | <1 | 1.16 | 41 | 3040 | 6 | 1.46 | <5 | 34 | 1340 | <20 | 0.3 | <10 | <10 | 286 | <10 | 92 |
| D10-7 | 36304 | 89.25 | 89.75 | 1590 | 2 | 1.09 | 55 | 3130 | 7 | 2.33 | 8 | 37 | 762 | <20 | 0.48 | <10 | <10 | 319 | <10 | 99 |
| D10-7 | 36305 | 90.60 | 91.10 | 1085 | 2 | 0.8 | 31 | 1370 | 3 | 0.88 | <5 | 17 | 519 | <20 | 0.28 | <10 | <10 | 179 | 10 | 77 |
| D10-7 | 36306 | 91.70 | 92.20 | 1570 | 5 | 0.31 | 111 | 2490 | 7 | 1.23 | <5 | 34 | 991 | <20 | 0.76 | <10 | <10 | 374 | <10 | 267 |
| D10-7 | 36307 | 93.20 | 93.70 | 1710 | <1 | 0.85 | 11 | 4260 | 7 | 0.98 | <5 | 56 | 777 | <20 | 0.65 | <10 | <10 | 435 | <10 | 98 |
| D10-7 | 36308 | 95.65 | 96.15 | 1470 | 2 | 2.09 | 15 | 4070 | 10 | 1.5 | 11 | 44 | 801 | <20 | 0.63 | <10 | <10 | 365 | 20 | 110 |
| D10-7 | 36309 | 99.50 | 100.00 | 1380 | <1 | 1.48 | 11 | 4350 | 2 | 0.69 | <5 | 52 | 723 | <20 | 0.77 | <10 | <10 | 436 | <10 | 134 |
| D10-7 | 36310 | 100.50 | 101.00 | 1460 | <1 | 1.37 | 12 | 4340 | <2 | 0.86 | 5 | 54 | 769 | <20 | 0.8 | <10 | <10 | 454 | <10 | 131 |
| D10-7 | 36311 | 102.50 | 103.00 | 1430 | 1 | 1.58 | 9 | 4240 | <2 | 0.39 | <5 | 50 | 1030 | <20 | 0.79 | <10 | <10 | 442 | <10 | 137 |
| D10-7 | 36312 | 107.30 | 107.80 | 1195 | 1 | 1.43 | 13 | 3210 | <2 | 0.78 | <5 | 36 | 1020 | <20 | 0.67 | <10 | <10 | 373 | <10 | 119 |
| D10-7 | 36313 | 108.30 | 108.80 | 1355 | <1 | 1.51 | 11 | 4010 | <2 | 0.55 | 5 | 44 | 1120 | <20 | 0.72 | <10 | <10 | 418 | <10 | 121 |
| Units | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

TABLE 3

Rock Geochemical Results

| | Sample | | | | | Parameter | | | | | | | | | | | | | | | |
|----------|------------|----------------|----------------|---------------|-------|-----------|--------|-------|------|-------|-----|--------|-------|-----|-----|-----|------|-----|-------|-----|--------|
| Location | Tag Number | Date | Sample Type | Length (m) | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Со | Cr | Cu | Fe | Ga | К | 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-10-3 | 36314 | Sept. 5, 2010 | grab | - | 0.017 | 1.3 | 1.08 | 20 | 240 | < 0.5 | <2 | 1.62 | 0.5 | 5 | 26 | 17 | 1.4 | <10 | 0.29 | 10 | 0.18 |
| D-10-4 | 36315 | Sept. 5, 2010 | grab | - | 0.007 | < 0.5 | 1.04 | 11 | 300 | < 0.5 | <2 | 1.05 | 2 | 3 | 24 | 13 | 13.1 | <10 | 0.15 | 10 | 0.11 |
| D-10-5 | 36316 | Sept. 5, 2010 | grab | - | 0.013 | 1.6 | 0.97 | 6 | 370 | < 0.5 | <2 | 0.24 | 5.5 | 4 | 30 | 14 | 1.03 | <10 | 0.35 | 10 | 0.08 |
| 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 |
| Units | | | | | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm | % |

| Sample | | | | | Parameter | | | | | | | | | | | | | | | | |
|----------|------------|----------------|----------------|---------------|-----------|-----|--------|-----|------|--------|------|-------|-----|------|-----|--------|-----|-----|-----|-----|-------|
| Location | Tag Number | Date | Sample Type | Length (m) | Mn | Мо | Na | Ni | Р | Pb | S | Sb | Sc | Sr | Th | Ti | T1 | 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-10-3 | 36314 | Sept. 5, 2010 | grab | - | 241 | 1 | 0.28 | 25 | 160 | 16 | 0.04 | <5 | 4 | 172 | <20 | 0.04 | <10 | <10 | 31 | <10 | 39 |
| D-10-4 | 36315 | Sept. 5, 2010 | grab | - | 833 | 6 | 0.31 | 90 | 130 | <2 | 0.05 | 5 | 4 | 149 | <20 | 0.02 | <10 | <10 | 18 | <10 | 109 |
| D-10-5 | 36316 | Sept. 5, 2010 | grab | - | 95 | 1 | 0.08 | 13 | 200 | <2 | 0.02 | <5 | 3 | 38 | <20 | 0.04 | <10 | <10 | 24 | <10 | 235 |
| 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 |
| Units | | | | | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |

APPENDICES

APPENDIX A

Lumby Climate Normals



Canada

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Notices:

As of July 24, 2008 changes were made in how data are accessed at 25 stations. <u>Please click here</u> 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 <u>code</u> 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 | | Elevation: 559.90 m | | | |
|---------------------------------|------------|-------------|---------|---------------------|---------|---------|---------|
| Climate ID: 1164730 | | WMO ID: | | | | TC ID: | |
| | | | | | | | |
| Temperature: | Jan | Feb | Mar | Apr | Мау | 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 |
| Precipitation: | | | | | | | |
| 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 | 35 | 32.5 |
| Date (yyyy/dd) | 1974/24 | 1977/11 | 1996/09 | 1983/24 | 1996/30 | 1990/03 | 1982/13 |
| Extreme Daily Snowfall (cm) | 31 | 21 | 10.2 | 5.3 | 1.3 | 0 | 0 |

| Date (yyyy/dd) | 1993/24 | 1994/08 | 1975/08 | 1972/10 | 1996/08 | 1971/01+ | 1971/01+ |
|----------------------------------|---------------|--------------|-----------|---------|---------|---------------------|----------|
| Extreme Daily Precipitation (mm) | 31 | 23.1 | 13.4 | 24.8 | 29.6 | 35 | 32.5 |
| Date (yyyy/dd) | 1993/24 | 1977/11 | 1996/09 | 1983/24 | 1996/30 | 1990/03 | 1982/13 |
| Extreme Snow Depth (cm) | 76 | 85 | 51 | 21 | 1 | 0 | 0 |
| Date (yyyy/dd) | 1982/29 | 1982/14 | 1982/01+ | 1982/01 | 1996/09 | 1981/01+ | 1981/01+ |
| Days with Maximum Tempera | ature: | | | | | | |
| <= 0 °C | 18.3 | 8.8 | 1 | 0 | 0 | 0 | 0 |
| > 0 ° C | 12.7 | 19.4 | 30 | 30 | 31 | 30 | 31 |
| > 10 °C | 0.11 | 0.35 | 7 | 22.4 | 29.7 | 30 | 30.9 |
| > 20 °C | 0 | 0 | 0.04 | 3.4 | 9.8 | 19.4 | 25.7 |
| > 30 °C | 0 | 0 | 0 | 0 | 0.53 | 2 | 6.5 |
| > 35 °C | 0 | 0 | 0 | 0 | 0 | 0.04 | 0.73 |
| Days with Minimum Tempera | <u>ture</u> : | | | | | | |
| > 0 ° C | 0.59 | 1.6 | 5.3 | 14.4 | 26.8 | 29.9 | 30.6 |
| <= 2 °C | 30.9 | 28.1 | 29.9 | 21.1 | 8 | 0.73 | 0 |
| <= 0 °C | 30.4 | 26.5 | 25.6 | 15.6 | 3.6 | 0.09 | 0 |
| < -2 °C | 25 | 20 | 16 | 5.9 | 0.22 | 0 | 0 |
| < -10 °C | 9.6 | 5.8 | 1.6 | 0 | 0 | 0 | 0 |
| < -20 °C | 1.6 | 0.72 | 0 | 0 | 0 | 0 | 0 |
| < - 30 °C | 0.07 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days with Rainfall: | | | | | | | |
| >= 0.2 mm | 3.9 | 4.2 | 9 | 11.8 | 13.5 | 13.6 | 10.2 |
| >= 5 mm | 0.66 | 0.66 | 1.9 | 2.5 | 4.3 | 4.9 | 4.1 |
| >= 10 mm | 0.03 | 0.14 | 0.18 | 0.54 | 1.9 | 2.1 | 1.9 |
| >= 25 mm | 0 | 0 | 0 | 0 | 0.08 | 0.18 | 0.14 |
| Days With Snowfall: | | | | | | | |
| >= 0.2 cm | 11.7 | 6.9 | 3.4 | 0.29 | 0.04 | 0 | 0 |
| >= 5 cm | 3.4 | 1.5 | 0.43 | 0.04 | 0 | 0 | 0 |
| >= 10 cm | 1.2 | 0.45 | 0.11 | 0 | 0 | 0 | 0 |
| >= 25 cm | 0.03 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days with Precipitation: | | | | | | | |
| >= 0.2 mm | 14.6 | 10.5 | 11.5 | 11.9 | 13.5 | 13.6 | 10.2 |
| >= 5 mm | 4.3 | 2.2 | 2.4 | 2.6 | 4.3 | 4.9 | 4.1 |
| >= 10 mm | 1.3 | 0.62 | 0.36 | 0.54 | 1.9 | 2.1 | 1.9 |
| >= 25 mm | 0.03 | 0 | 0 | 0 | 0.08 | 0.18 | 0.14 |
| Days with Show Depth: | | 25.0 | | 0.4 | 0.04 | 0 | 0 |
| >= 1 cm | | 20.8 25.1 | | 0.0 | 0.06 | 0 | 0 |
| >= 5 cm | | 20.1 | | 0.4 | 0 | 0 | 0 |
| >= 10 | | 24.5 | | 0.33 | 0 | 0 | 0 |
| Pegree Days: | | 20.7 | | 0.07 | 0 | 0 | 0 |
| Above 24 °C | 0 | 0 | 0 | 0 | 0 | 0 | |
| Above 18 °C | 0 | 0 | 0 | 0 | 22 | 11 3 | |
| Above 15 °C | 0 | 0 | 0 | 0.5 | 10.2 | 42.8 | |
| Above 10 °C | 0 | 0 | 0 | 10.8 | 64.4 | 159.2 | |
| Above 5 °C | 02 | 03 | 7 | 74.6 | 194 7 | 307.7 | |
| Above 0 °C | 0.2 7 R | 21 R | , 83 8 | 211 2 | 349 5 | 457.7 | |
| Below 0 °C | 160 5 | 89.7 | 16 R | 0.1 | 0,7,0 | ۰., ₁ 37 | |
| Below 5 °C | 307.8 | 209.3 | 94.9 | 13 5 | 02 | 0 | |
| | 557.0 | 207.0 | / . / | 10.0 | 0.2 | 0 | |

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

Year Code

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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.

| BRITISH COLUMBIA | | | | | | | | | | |
|-------------------------|------------|----------------------------|----------|---------|------------------|--------|----|--|--|--|
| Latitude: 50° 22.000' N | Longitu | <mark>ude</mark> : 118° 46 | 6.000' W | | Elevation | 559.90 | m | | | |
| Climate ID: 1164730 | <u>WMO</u> | <u>ID</u> : | | TC ID: | | | | | | |
| Temperature: | Aug | Sep | Oct | Nov | Dec | Year | Сс | | | |
| Daily Average (°C) | 17.6 | 12.8 | 6.2 | 0.2 | -4.2 | | | | | |
| Standard Deviation | 1.4 | 1.7 | 1 | 1.8 | 2.6 | | | | | |
| Daily Maximum (°C) | 25.3 | 19.8 | 11 | 3.2 | -1.5 | | | | | |
| Daily Minimum (°C) | 9.9 | 5.6 | 1.4 | -2.7 | -6.9 | | | | | |
| Extreme Maximum (°C) | 39 | 34.5 | 26.1 | 20.6 | 15 | | | | | |
| Date (yyyy/dd) | 1998/04 | 1987/01 | 1975/02 | 1975/04 | 1980/26 | | | | | |
| Extreme Minimum (°C) | 0.6 | -6 | -19 | -32 | -33 | | | | | |
| Date (yyyy/dd) | 1973/19 | 1983/19 | 1984/31 | 1985/27 | 1990/29 | | | | | |
| Precipitation: | | | | | | | | | | |
| Painfall (mm) | 18 | 17 1 | 15 1 | 30.3 | 10.7 | 163 1 | | | | |

LUMBY SIGALET PD

| Date (yyyy/dd) | 1998/04 | 1987/01 | 1975/02 | 1975/04 | 1980/26 | | |
|----------------------------------|----------|----------|---------|---------|---------|-------|---|
| Extreme Minimum (°C) | 0.6 | -6 | -19 | -32 | -33 | | |
| Date (yyyy/dd) | 1973/19 | 1983/19 | 1984/31 | 1985/27 | 1990/29 | | |
| Precipitation: | | | | | | | |
| Rainfall (mm) | 48 | 47.4 | 45.1 | 32.3 | 10.7 | 463.4 | Α |
| Snowfall (cm) | 0 | 0 | 1.7 | 28.4 | 54.2 | 164.9 | А |
| Precipitation (mm) | 48 | 47.4 | 46.8 | 60.7 | 64.9 | 628.3 | А |
| 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 | 32.3 | | |
| Date (yyyy/dd) | 1971/01+ | 1971/01+ | 1971/31 | 1990/08 | 1971/16 | | |
| Extreme Daily Precipitation (mm) | 29.2 | 25.6 | 19.3 | 37 | 32.3 | | |
| Date (yyyy/dd) | 1976/16 | 1993/19 | 1996/28 | 1995/13 | 1971/16 | | |
| Extreme Snow Depth (cm) | 0 | 0 | 5 | 38 | 56 | | |
| Date (yyyy/dd) | 1980/01+ | 1981/01+ | 1984/31 | 1996/28 | 1996/24 | | |
| Days with Maximum Temperature: | | | | | | | |
| <= 0 °C | 0 | 0 | 0.41 | 5.9 | 19.1 | | Α |
| > 0 ° C | 31 | 30 | 30.6 | 24.1 | 11.9 | | Α |
| > 10 °C | 31 | 29.3 | 16.8 | 1.3 | 0.27 | | Α |
| > 20 °C | 24.9 | 14.6 | 0.94 | 0.05 | 0 | | Α |
| > 30 °C | 5.7 | 0.12 | 0 | 0 | 0 | | Α |
| > 35 °C | 0.22 | 0 | 0 | 0 | 0 | | Α |
| Days with Minimum Temperature: | | | | | | | |
| > 0 ° C | 30.7 | 27.8 | 18.5 | 6.3 | 0.85 | | Α |
| <= 2 °C | 0.14 | 4.4 | 18.2 | 27.4 | 30.9 | | А |
| <= 0 °C | 0 | 1.6 | 12.3 | 23.5 | 30.2 | | Α |
| < -2 °C | 0 | 0.71 | 5.2 | 14.2 | 24.3 | | Α |
| < -10 °C | 0 | 0 | 0.17 | 2 | 6.8 | | Α |
| < -20 °C | 0 | 0 | 0 | 0 | 1.1 | | Α |
| < - 30 °C | 0 | 0 | 0 | 0 | 0.08 | | Α |
| Days with Rainfall: | | | | | | | |

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

Date Modified: 2009-04-30

APPENDIX B

BC MINFILE Records



| | | Location/Identif | ication | |
|--------------------------|----------------------------|--|-------------------------|----------------------------------|
| MINFILE Number: | 082LSE042 | | | |
| Name(s): | KETTLE RIVER | | | |
| | | | | |
| Status: | Past Producer | | Mining Division: | Vernon |
| Mining Method | Open Pit | | Electoral District: | Okanagan-Vernon |
| Regions: | British Columbia | | Forest District: | Okanagan Shuswap Forest District |
| BCGS Map: | 082L008 | | | |
| NTS Map: | 082L01W | | UTM Zone: | 11 (NAD 83) |
| Latitude: | 50 04 36 N | | Northing: | 5548217 |
| Longitude: Flevation: | 118 29 22 W 1200 metres | | Easting: | 393428 |
| Location Accuracy: | Within 1KM | | | |
| Comments: | Approximate location | of occurrence #348 (Geological Survey of | of Canada Open File 637 | 7). |
| | | | | |
| | | Mineral Occurr | ence | |
| Commodities: | Gold | | | |
| Minorals | Significant: | Gold | | |
| while als | Mineralization Age: | Unknown | | |
| | 8 | | | |
| Deposit | Character: | Unconsolidated | | |
| I I | Classification: | Placer | | |
| | Туре: | C01: Surficial placers | | |
| | | Strike/Dip: | 000/ | |
| | | Host Rock | t | |
| Dominant Host Ro | ck: Sedimentary | | | |
| Stratigraphic Age | Group | Formation | Igne | ous/Metamorphic/Other |
| Recent | | | Glac | ial/Fluvial Gravels |
| | | | | |
| Isotopic Age | | Dating Method | Material Dated | |
| | | | | |
| Lithology G | ravel | | | |
| Enthology. | | <i>C</i> 1 · 10 | • | |
| | Omi: | Geological Se | aing | |
| i ectonic Belt: | Omineca | Physiographic Are | a: Okanagan I | Highland |
| Terrane: | Overlap Assemblag | ge | | |
| | | | | |
| | | 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; *1 | 933-162 | | | | | | |
| MPR BULL *28, p. 36 | | | | | | | | |
| EMPR FIELDWORK | 1987, pp. 55-58; 1988, pp | p. 49-54; 1992, pp. 2 | 55-257 | | | | | |
| EMPR OF 1991-18; 19 | 994-8 | | | | | | | |
| EMPR RGS 082L, 197 | 76; 32, 1991 | | | | | | | |
| GSC MAP 7216G; 849 | 91G | | | | | | | |
| GSC MEM 296 | | | | | | | | |
| GSC OF *637(#348); | 658 | | | | | | | |
| GSC P 91-2, pp. 115-1 | 135 | | | | | | | |
| CJES Vol. 26, No. 2 | | | | | | | | |
| Date Coded: | 1985/07/24 | Coded By: | BC Geological Survey (BCGS) | Field Check: | Ν | | | |
| Date Revised: | 1994/11/28 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | | | |



| | | Location/Identif | ication | |
|------------------------|------------------------------------|--|----------------------------|----------------------------------|
| MINFILE Number: | 082LSE016 | | | |
| Name(s): | DONA | | | |
| | DONA 1-11 DONNA | DNA IRENE | | |
| | bollin i il, bollin, | | | |
| Status: | Prospect | | Mining Division: | Vernon |
| | | | Electoral District: | Okanagan-Vernon |
| Regions: | British Columbia | | Forest District: | Okanagan Shuswap Forest District |
| BCGS Map: | 082L018 | | | |
| NTS Map: | 082L01W | | UTM Zone: | 11 (NAD 83) |
| Latitude: | 50 07 57 N | | Northing: | 5554311 |
| Longitude: | 118 24 27 W | | Easting: | 399408 |
| Elevation: | 1585 metres | | | |
| Location Accuracy: | Centre of Donna 3 clai | m (Assessment Report 22931) | | |
| Comments: | | (155655511611 (16port 22)51). | | |
| | | Mineral Occurr | ence | |
| Commodities: | Silver, Gold, Lead, Zinc, Co | opper, Antimony | | |
| Minorals | Significants | Arsenonvrite Pyrite Stibnite Galena | Chalconvrite Tetrahed | ite Sphalerite Tennantite |
| Minerais | Significant: | Arsenopyme, Tyme, Subme, Galena, | chalcopyrite, retraited | ne, Sphareme, Teimanne |
| | Associated: | Qualiz Homotita Silian Ankarita | | |
| | Alteration: | | | |
| | Alteration Type: | Usiliation, Propylitic, Silicific n, Carbo | onate | |
| | Mineralization Age: | Unknown | | |
| Denosit | Character: | Vein, Podiform, Shear | | |
| Deposit | Classification: | Hydrothermal, Epigenetic | | |
| | Туре: | I05: Polymetallic veins Ag-Pb-Zn+/-A | u | |
| | | Strike/Dip: | 000/ | |
| | | Host Rock | | |
| Dominant Host Ro | ock: Plutonic | | | |
| Stratigraphic Age | e Group | Formation | Igne | ous/Metamorphic/Other |
| Paleozoic-Mesozo | ic Harper Ranch | Undefined Formation | | - |
| Jurassic | | | Nels | on Intrusions |
| Isotopic Age | | Dating Method | Material Dated | |
| | | | | |
| | | | | |
| Lithology: D | viorite, Siliceous Phyllite, Felsi | c Volcanic, Argillite, Quartzite, Tuff, Qu | artz Diorite | |
| Comments: T | he Harper Ranch Group is Dev | vonian to Triassic. | | |
| | | Geological Se | ttina | |
| Taatania Balti | Omineca | Geologicai Sel | Okanagan J | Lickland |
| l ectonic Beit: | Unineca | Physiographic Area | : Okanagan F | ligniand |
| Terrane: | Kootenay | | | |
| | | Ιμυρατοκυ | | |
| | | Inventory | | |
| Ore Zone: | TRENCH | | | Year: 1990 |
| | | | | |

| Category: | Assay/analysis | | Report On: 1 | |
|-------------------------|---|---------------------------------|--------------|--|
| | | I | 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, fro | m Trench 6 on the Donna claims. | | |
| Reference: | Assessment Report 22931. | | | |
| Comments: Reference: | Zinc Chip sample, across 2 metres, fro Assessment Report 22931. | m Trench 6 on the Donna claims. | | |

A agory/omolyaia

Capsule Geology

Dement One N

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

| Date Revised: | 1994/03/21 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | |
|-------------------|------------------------|--------------------------|-----------------------------|--------------|---|--|
| Date Coded: | 1985/07/24 | Coded By: | BC Geological Survey (BCGS) | Field Check: | Ν | |
| Chevron File | | | | | | |
| CJES Vol. 26, No. | 2 | | | | | |
| GSC P 91-2, pp. 1 | 15-135 | | | | | |
| GSC OF 637(#333 |); 658 | | | | | |
| GSC MEM 296 | | | | | | |
| GSC MAP 7216G | ; 8491G | | | | | |
| EMPR RGS 082L, | 1976; 32, 1991 | | | | | |
| EMPR PF (Keefer | Resources Prospectus, | , 1988; Dona Property | description, 1974) | | | |
| EMPR OF 1991-1 | 8; 1994-8 | | | | | |
| EMPR GEM 1973 | -97; 1974-81 | | | | | |
| EMPR FIELDWO | RK 1987, pp. 55-58; 1 | 988, pp. 49-54; 1992, pj | p. 255-257 | | | |
| EMPR ASS RPT 4 | 4740, 5220, 10920, 145 | 667, 17663, 18147, 2159 | 02, 22538, *22931, 23189 | | | |
| | | | | | | |



| Location/Identification | | | | | | |
|-------------------------|-------------------------------|---|---------------------------------------|------------------------------------|--|--|
| MINFILE Number: | 082LSE020 | | | | | |
| Name(s): | <u>FOX</u> | | | | | |
| | VERNA, NUGGET, | KELLY | | | | |
| Status. | Showing | | Mining Division: | Vernon | | |
| Status. | 2 | | Electoral District: | Okanagan-Vernon | | |
| Regions: | British Columbia | | Forest District: | Okanagan Shuswap Forest District | | |
| BCGS Map: | 082L019 | | | | | |
| NTS Map: | 082L01W | | UTM Zone: | 11 (NAD 83) | | |
| Latitude: | 50 09 35 N | | Northing: | 5557309 | | |
| Longitude: | 118 23 08 W | | Easting: | 401032 | | |
| Elevation: | 1966 metres | | | | | |
| Location Accuracy: | Largest mineralized a | area on the Fox 16 claim (Assessment Rer | ort 5066) | | | |
| Comments. | Langeot mineralized e | | | | | |
| | | Mineral Occuri | rence | | | |
| Commodities: | Silver, Lead, Gold, Coppe | r | | | | |
| Minerals | Significant: | Chalcopyrite, Pyrite, Galena, Pyrrhoti | te, Arsenopyrite | | | |
| | Associated: | Quartz | | | | |
| | Alteration: | Silica | | | | |
| | Alteration Type: | Silicific'n | | | | |
| | Mineralization Age: | Unknown | | | | |
| Deposit | Character: | Vein, Disseminated | | | | |
| - F | Classification: | Hydrothermal, Epigenetic | | | | |
| | Туре: | I05: Polymetallic veins Ag-Pb-Zn+/-A | Au | | | |
| | Dimension: | 1x0x0 metres Strike/Dip: | 000/ | | | |
| | Comments: | Quartz vein at largest mineralized area southeast. | is about 1.2 metres wid | e and dips about 30 degrees to the | | |
| | | Host Roc | t | | | |
| Dominant Host Ro | ck: Sedimentary | | • | | | |
| Stratigraphic Age | Group Nicola | Formation Undefined Formation | Igne | ous/Metamorphic/Other | | |
| | | | | | | |
| Isotopic Age | | Dating Method | Material Dated | | | |
| | | | | | | |
| Lithology: A | rgillite, Limy Quartzitic/Qua | artzose Schist, Tuff, Andesite, Quartzite, I | Limestone, Tuffaceous A | ndesite | | |
| | | Geological Se | tting | | | |
| Tectonic Belt: | Omineca | Physiographic Are | a: Okanagan I | Highland | | |
| Terrane: | Quesnel | | | | | |
| | | Inventory | · · · · · · · · · · · · · · · · · · · | | | |
| Ore Zone: | SAMPLE | | | Year: 1978 | | |
| 510 20mt. | | | | | | |

Report On: N Assay/analysis Category: 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 Highest assay; sample from the old shaft area. **Comments: 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 *50 | MPR ASS RPT *5066, 5099, 7005, 11759, 23189 | | | | | | |
|----------------------------|---|--------------------|-----------------------------|--------------|---|--|--|
| MPR EXPL 1978-E87; 1979-96 | | | | | | | |
| EMPR FIELDWORK | MPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257 | | | | | | |
| EMPR GEM 1974-87 | EMPR GEM 1974-87 | | | | | | |
| EMPR OF 1991-18; 1994-8 | | | | | | | |
| EMPR RGS 082L, 19 | EMPR RGS 082L, 1976; 32, 1991 | | | | | | |
| GSC MAP 7216G; 84 | 91G | | | | | | |
| GSC MEM 296 | | | | | | | |
| GSC OF 637(#334); 6 | 558 | | | | | | |
| 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: | Ν | | |
| Date Revised: | 1994/11/18 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | | |



| | Location/Identification | | | | | | |
|------------------------|------------------------------|-----------------------------------|---------------------|----------------------------------|--|--|--|
| MINFILE Number: | 082LSE037 | | | | | | |
| Name(s): | YEOWARD CREEK | | | | | | |
| | PORCUPINE CREEK | | | | | | |
| | Sh | | Minin - Dininin | Varnan | | | |
| Status: | Snowing | | Wining Division: | Okanagan Warnan | | | |
| Destance | Pritich Columbia | | Electoral District: | Okanagan-Vernon | | | |
| Regions: | | | Forest District: | Okanagan Shuswap Porest District | | | |
| BUGS Map: NTS Mont | 082L018 082L02F | | UTM Zone: | 11 (NAD 83) | | | |
| N 15 Wap. Latitude: | 50 10 23 N | | Northing | 5558051 | | | |
| Latitude: | 118 30 04 W | | Northing: | 202800 | | | |
| Elevation: | 800 metres | | Easting: | 392809 | | | |
| Location Accuracy: | Within 500M | | | | | | |
| Comments: | Occurrence #328 (Geol | ogical Survey of Canada Open File | 637). | | | | |
| | × | ••• | , | | | | |
| Mineral Occurrence | | | | | | | |
| Commodities: | Gold | | | | | | |
| Commounties. | | | | | | | |
| Minerals | Significant: | Gold | | | | | |
| | Mineralization Age: | Unknown | | | | | |
| | 8 | | | | | | |
| Donosit | Character: | Unconsolidated | | | | | |
| Deposit | Classification: | Placer | | | | | |
| | Type: | C01: Surficial placers | | | | | |
| | - 5 F | Strike/D | ip: 000/ | | | | |
| | | Host R | ock | | | | |
| Dominant Host Ro | ck: Sedimentary | | | | | | |
| Stuatiquanhia A qa | Crown | Formation | Ian | our/Motomounhic/Other | | | |
| Recent | Group | Formation | Glac | sial/Fluvial Gravels | | | |
| | | | | | | | |
| Isotonia Ago | | Dating Mathed | | | | | |
| isotopic Age | | Dating Method | Material Dated | | | | |
| | | | | | | | |
| Lithology: Gr | ravel, Unconsolidated Sedime | nt/Sedimentary | | | | | |
| | | Geological | Setting | | | | |
| Tectonic Belt: | Omineca | Physiographic | Area: Okanagan l | Highland | | | |
| Terrane: | Overlap Assemblag | e | | - | | | |
| | | | | | | | |
| | | Invent | ory | | | | |
| | | | • | | | | |
| 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. 6 | 52; 79 | | | | | |
| EMPR FIELDWORK | MPR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257 | | | | | |
| EMPR OF 1990-30; 19 | 991-18; 1994-8 | | | | | |
| EMPR RGS 082L, 197 | 76; 32, 1991 | | | | | |
| GSC MAP 7216G; 849 | 91G | | | | | |
| GSC MEM 296 | | | | | | |
| GSC OF *637 (#328); | 658 | | | | | |
| GSC P 91-2, pp. 115-1 | 35 | | | | | |
| CJES Vol. 26, No. 2 | | | | | | |
| Date Coded: | 1985/07/24 | Coded By: | BC Geological Survey (BCGS) | Field Check: | Ν | |
| Date Revised: | 1994/12/19 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | |



| | | Location/Identif | ication | |
|--------------------|---------------------|---|---------------------|----------------------------------|
| MINFILE Number: | 082LSE039 | | | |
| Name(s): | MARSH CREEK | | | |
| | PLACER LEASES | 291, 1310, 1358 | | |
| Status: | Past Producer | | Mining Division: | Vernon |
| Mining Method | Open Pit | | Electoral District: | Okanagan-Vernon |
| Regions: | British Columbia | | Forest District: | Okanagan Shuswap Forest District |
| BCGS Map: | 082L018 | | | |
| NTS Map: | 082L01W | | UTM Zone: | 11 (NAD 83) |
| Latitude: | 50 06 28 N | | Northing: | 5551668 |
| Longitude: | 118 29 00 W | | Easting: | 393934 |
| Location Accuracy: | Within 1KM | | | |
| Comments: | Approximate center | of Placer Lease 1291 (Assessment Report 7 | 7485). | |
| | | | | |
| | | Mineral Occurr | ence | |
| Commodities: | Gold | | | |
| Minorals | Significant. | Gold | | |
| winer als | Mineralization Age | Unknown | | |
| | Winer anzation Age. | | | |
| Deposit | Character: | Unconsolidated | | |
| | Classification: | Placer | | |
| | Туре: | C01: Surficial placers | | |
| | | Strike/Dip: | 000/ | |
| | | Host Rock | | |
| Dominant Host Ro | ock: Sedimentary | | | |
| Stratigraphic Age | Group | Formation | Ign | eous/Metamorphic/Other |
| Recent | | | Gla | cial/Fluvial Gravels |
| Isotonic Ago | | Dating Mathad | Matarial Datad | |
| | | | | |
| | | | | |
| Lithology: G | ravei | | | |
| T () D (| Ominaaa | Geological Se | tting | |
| i ectonic Belt: | Oninieca | Physiographic Area | : Okanagan | Highland |
| Terrane: | 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 *748 | 5, 21592 | | | | | | | |
| EMPR BULL 28 | IPR BULL 28 | | | | | | | |
| EMPR FIELDWORK | ЛРR FIELDWORK 1987, pp. 55-58; 1988, pp. 49-54; 1992, pp. 255-257 | | | | | | | |
| EMPR OF 1991-18; 19 | 94-8 | | | | | | | |
| EMPR RGS 082L, 197 | 6; 32, 1991 | | | | | | | |
| GSC MAP 7216G; 849 | 1G | | | | | | | |
| GSC MEM 296 | | | | | | | | |
| GSC OF 637 (#330); 63 | 58 | | | | | | | |
| GSC P 91-2, pp. 115-1 | 35 | | | | | | | |
| CJES Vol. 26, No. 2 | | | | | | | | |
| Date Coded: | 1985/07/24 | Coded By: | BC Geological Survey (BCGS) | Field Check: | Ν | | | |
| Date Revised: | 1994/07/11 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | | | |



| | Location/Identification | | | | | |
|--------------------------|-------------------------|---|--------------------|--------------------------------|--|--|
| MINFILE Number: | 082LSE053 | | | | | |
| Name(s): | BARNES CREEK | | | | | |
| | | | | | | |
| Status | Past Producer | | Mining Division: | Slocan | | |
| Status: Mining Method | Open Pit | | Electoral District | Nelson-Creston | | |
| Regions: | British Columbia | | Forest District: | Arrow Boundary Forest District | | |
| BCGS Map: | 082L009 | | i oreșt Diștricti | 5 | | |
| NTS Map: | 082L01W | | UTM Zone: | 11 (NAD 83) | | |
| Latitude: | 50 03 44 N | | Northing: | 5546305 | | |
| Longitude: | 118 15 23 W | | Easting: | 410076 | | |
| Elevation: | 1230 metres | | 0 | | | |
| Location Accuracy: | Within 5KM | | | | | |
| Comments: | At the confluence of B | arnes Creek with Eureka Creek (Bulletin | 28, #171). | | | |
| | | Mineral Occurr | ence | | | |
| | | | chec | | | |
| Commodities: | Gold | | | | | |
| | | C-14 | | | | |
| Minerals | Significant: | Gold | | | | |
| | Mineralization Age: | Unknown | | | | |
| | | Tu | | | | |
| Deposit | Character: | | | | | |
| | Classification: | C01: Surficial placers | | | | |
| | Type. | | | | | |
| | | Host Rock | - | | | |
| Dominant Host Ro | ck: Sedimentary | | | | | |
| Stratigraphic Age | Group | Formation | Ig | neous/Metamorphic/Other | | |
| Recent | | | Gl | acial/Fluvial Gravels | | |
| | | | | | | |
| Isotopic Age | | Dating Method | Material Dated | | | |
| | | | | | | |
| | 1 | | | | | |
| Lithology: G | ravel | | | | | |
| | | Geological Se | tting | | | |
| Tectonic Belt: | Omineca | Physiographic Area | Chanagar | 1 Highland | | |
| Terrane: | Overlap Assembla | ge | | | | |
| | | | | | | |
| | | 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, p | p. 49-54; 1992, pp. 2 | 55-257 | | | | |
| EMPR OF 1991-18; 1 | 994-8 | | | | | | |
| EMPR RGS 082L, 1976; 32, 1991 | | | | | | | |
| GSC MAP 7216G; 8491G | | | | | | | |
| GSC MEM *296, p. 1 | 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: | Ν | | |
| Date Revised: | 1994/07/04 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | | |


MINFILE Detail Report BC Geological Survey Ministry of Energy, Mines & Petroleum Resources

| Location/Identification | | | | | | |
|--|---|--|---|---|--|--|
| MINFILE Number: | 082LSE059 | | | | | |
| Name(s): | MONASHEE CREEK SOUTH FORK CHER | <u>K PLACER</u> RY CREEK, RAMBLER | | | | |
| Status: Mining Method Regions: BCGS Map: NTS Map: Latitude: Longitude: Elevation: | Past Producer Open Pit British Columbia 082L018 082L02E, 082L01W 50 10 13 N 118 30 23 W 800 metres | | Mining Division: Electoral District: Forest District: UTM Zone: Northing: Easting: | Vernon Okanagan-Vernon Okanagan Shuswap Forest District 11 (NAD 83) 5558649 392426 | | |
| Location Accuracy: Comments: | Within 5KM Location very approxim | mate (Bulletin 28, symbol 168). | | | | |
| | | Mineral Occurr | rence | | | |
| Commodities: | Gold | | | | | |
| Minerals | Significant: Mineralization Age: | Gold Unknown | | | | |
| Deposit | Character: Classification: Type: | Unconsolidated Placer C01: Surficial placers | | | | |
| | | Host Rock | k | | | |
| Dominant Host Ro | ck: Sedimentary | | | | | |
| Stratigraphic Age Recent | Group | Formation | Ig Gla | neous/Metamorphic/Other acial/Fluvial Gravels | | |
| Isotopic Age | | Dating Method | Material Dated | | | |
| Lithology: Gr | avel | | | | | |
| | | Geological Se | etting | | | |
| Tectonic Belt: Terrane: | Omineca Overlap Assembla | Physiographic Are | a: Okanagan | Highland | | |
| | | 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 1994/11/14 Dorthe E. Jakobsen(DEJ) Ν Date Coded: Coded By: Field Check: **Date Revised:** 1994/12/15 Dorthe E. Jakobsen(DEJ) Ν **Revised By:** Field Check:



| | | Location/Ide | entification | |
|--|--|--|---|---|
| MINFILE Number: Name(s): | 082LSE013 <u>CHERRY CREEK P</u> NORTH FORK, MON | <u>LACER</u> NASHEE CREEK | | |
| Status: Mining Method Regions: BCGS Map: NTS Map: Latitude: Longitude: | Past Producer Open Pit British Columbia 082L028 082L02E 50 13 47 N 118 32 56 W | | Mining Division: Electoral District: Forest District: UTM Zone: Northing: Easting: | Vernon Okanagan-Vernon Okanagan Shuswap Forest District 11 (NAD 83) 5565321 389528 |
| Elevation: Location Accuracy: Comments: | 667 metres Within 1KM Location of the juncti 62-67). | on of Cherry Creek and Monashee C | Creek where most of the prod | luction came from (Bulletin 28, pages |
| | | Mineral Oc | currence | |
| Commodities: | Gold | | | |
| Minerals | Significant: Mineralization Age: | Gold Unknown | | |
| Deposit | Character: Classification: Type: | Unconsolidated Placer C01: Surficial placers Strike /I | Dip: 000/ | |
| | | Host I | Rock | |
| Dominant Host Ro | ck: Sedimentary | 11051 1 | lock | |
| Stratigraphic Age Quaternary | Group | Formation | Ign Gla | eous/Metamorphic/Other cial/Fluvial Gravels |
| Isotopic Age | | Dating Method | Material Dated | |
| Lithology: G | ravel, Slate, Shale, Clay | | | |
| | | Geologica | l Setting | |
| Tectonic Belt: Terrane: | Omineca Overlap Assemble | Physiographic | e Area: Okanagan | Highland |
| | | Inven | tory | |
| 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 | | | | |
|---|----------------------------------|--------------------|-----------------------------|--------------|---|--|--|
| | | | | | | | |
| 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 | 1992, pp. 255-257 | | | | | | |
| EMPR OF 1990-30; 19 | EMPR OF 1990-30; 1991-18; 1994-8 | | | | | | |
| EMPR PF (Report on Monashee Creek Placers, C.E. Cairnes, 1932) | | | | | | | |
| EMPR RGS 082L, 197 | 6; 32, 1991 | | | | | | |
| GSC MAP 1059A; 721 | 6G; 8501G | | | | | | |
| GSC MEM 296, p. 138 | | | | | | | |
| GSC OF 637(#314) | | | | | | | |
| GSC P 91-2, pp. 115-13 | 35 | | | | | | |
| Placer Dome File | | | | | | | |
| Date Coded: | 1985/07/24 | Coded By: | BC Geological Survey (BCGS) | Field Check: | Ν | | |
| Date Revised: | 1994/12/12 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | | |



| | | Location/Identifi | cation | | | | | |
|------------------|---|---|----------------------------|--|--|--|--|--|
| MINFILE Number | : 082LSE022 | National M | fineral Inventory Numb | er: 082L1 Au1 | | | | |
| Name(s): | MORGAN | | | | | | | |
| | MINERVA (L.4187), E YEOWARD 6-7, YEO | MINERVA (L.4187), BLACK BESS (L.4186), SKB, MORNING, GUYSBOROUGH, DAWN, YEOWARD, YEOWARD 9-10 | | | | | | |
| Status: | Past Producer | | Mining Division: | Vernon | | | | |
| Mining Method | Underground | | Electoral District: | Okanagan-Vernon | | | | |
| Regions: | British Columbia | | Forest District: | Okanagan Shuswap Forest District | | | | |
| BCGS Map: | 082L018 | | | | | | | |
| NTS Map: | 082L01W | | UTM Zone: 1 | 1 (NAD 83) | | | | |
| Latitude: | 50 08 29 N | | Northing: 5 | 555362 | | | | |
| Longitude: | 118 27 10 W | | Easting: 3 | 96191 | | | | |
| Elevation: | Within 500M | | | | | | | |
| Comments: | Morgan workings locat | ed on the Minerva claim (Lot 4187) (Pro | perty File - Report on the | St. Paul Property, 1974). | | | | |
| Comments. | | | r.,r. | ······································ | | | | |
| | | Mineral Occurre | ence | | | | | |
| Commodities: | Gold, Silver, Lead, Zinc | | | | | | | |
| Minerals | Significant: | Gold, Pyrite, Sphalerite, Tetrahedrite, C | alena, Arsenopyrite | | | | | |
| | Associated: | Quartz | | | | | | |
| | Mineralization Age: | Unknown | | | | | | |
| | ······································ | | | | | | | |
| Deposit | Character: | Vein, Disseminated | | | | | | |
| | Classification: | Hydrothermal, Epigenetic | | | | | | |
| | Туре: | I05: Polymetallic veins Ag-Pb-Zn+/-Au | 1 | | | | | |
| | | Strike/Dip: | 000/ | | | | | |
| | | Host Rock | | | | | | |
| Dominant Host R | ock: Metasedimentary | , | | | | | | |
| Stratigraphic Ag | e Group | Formation | Igneou | s/Metamorphic/Other | | | | |
| Paleozoic-Mesozo | oic Harper Ranch | Undefined Formation | | | | | | |
| Jurassic | | | Nelson | Intrusions | | | | |
| Isotopic Age | | Dating Method | Material Dated | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Lithology: S | Slate, Quartzite, Calcareous Tuf | f, Tuff, Dacite Porphyry Dike, Dacite | | | | | | |
| Comments: | The Harper Ranch Group is Dev | vonian to Triassic. | | | | | | |
| | | Geological Set | ting | | | | | |
| Tectonic Belt: | Omineca | Physiographic Area | : Okanagan Hig | hland | | | | |
| Terrane: | Quesnel | | | | | | | |
| | | Inventory | | | | | | |
| a = = | VEDI | | | 1074 | | | | |
| Ore Zone: | VEIN | | Ye | ear: 19/4 | | | | |
| Category: | Assay/analysis | | Report | On: 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

NI 43-101: N

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



| | | Location/Identif | fication | | | |
|-------------------|--|--|----------------------------|----------------------------------|--|--|
| MINFILE Number | : 082LSE010 | National | Mineral Inventory Nun | uber: 082L1 Au1 | | |
| Name(s): | ST.PAUL | | | | | |
| | TOUGHNUT (L.4189) |), ZILPAH (L.4188), SHEPPARD, SNO | W, SNOWSHOE, PION | EER, IRON HORSE, | | |
| | YEOWARD, YEOWA | RD 9-10, YEOWARD 6-7, MONASHE | E GROUP | | | |
| Status: | Past Producer | | Mining Division: | Vernon | | |
| Aining Method | Underground | | Electoral District: | Okanagan-Vernon | | |
| Regions: | British Columbia | | Forest District: | Okanagan Shuswap Forest District | | |
| BCGS Map: | 082L018 | | | | | |
| NTS Map: | 082L01W | | UTM Zone: | 11 (NAD 83) | | |
| .atitude: | 50 08 52 N | | Northing: | 5556074 | | |
| Longitude: | 118 27 16 W | | Easting: | 396086 | | |
| Lievation: | Within 500M | | | | | |
| Comments. | Location of St. Paul we | orkings on the Toughnut claim (Property | File - Report on the St. | Paul Property, 1974). | | |
| comments | | | Ĩ | | | |
| | | Mineral Occurr | ence | | | |
| Commodities: | Silver, Gold, Lead, Zinc, A | ntimony, Copper | | | | |
| Minerals | Significant: Arsenopyrite, Jamesonite, Stibnite, Pyrite, Tetrahedrite, Sphalerite, Galena, Chalcopyrite, | | | | | |
| | | Freibergite, Pyrrhotite | | | | |
| | Associated: | Quartz | | | | |
| | Alteration: | Silica | | | | |
| | Alteration Type: | Silicific'n | | | | |
| | Mineralization Age: | Unknown | | | | |
| Deposit | Character: | Vein, Disseminated, Massive | | | | |
| | Classification: | Hydrothermal, Epigenetic | | | | |
| | Туре: | I05: Polymetallic veins Ag-Pb-Zn+/-A | Au | | | |
| | | Strike/Dip: | 000/ | | | |
| | | Host Rock | k | | | |
| Dominant Host R | ock: Sedimentary | | | | | |
| Stratigraphic Ag | e Group | Formation | Igne | ous/Metamorphic/Other | | |
| Paleozoic-Mesozo | bic Harper Ranch | Undefined Formation | | - | | |
| Triassic-Jurassic | Nicola | Undefined Formation | Nola | - | | |
| Julassic | | | INCISC | Sir muusions | | |
| Isotopic Age | | Dating Method | Material Dated | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Lithology: A | Argillite, Quartzite, Slate, Lime Andesite Tuff | stone, Diorite Sill, Diorite, Feldspar Por | phyry Dike, Dacite Porpl | hyry, Greenstone, | | |
| Comments: 7 | The Harper Ranch Group is De | vonian to Triassic. | | | | |
| | | Geological Se | etting | | | |
| Tectonic Belt. | Omineca | Physiographic Are | a: Okanagan H | lighland | | |
| rectonic Den. | | | | | | |

| | | | Inventory | | | |
|--------------|---------------------------|-------------------------------|----------------------------|------------|--------|---|
| Ore Zone: | LENS | | | Year: | 1974 | |
| Category: | Assay/analysis | | | Report On: | Ν | |
| | | | | NI 43-101: | Ν | |
| Sample Type: | Chip | | | | | |
| | Commodity | Gr | ade | | | 7 |
| | Silver | 137 | 1.0000 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 acros | s one of the massive sulphid | e lenses in a quartz vein. | | | |
| Reference: | Property File - Report of | n the St. Paul Property, 1974 | 4. | | | |
| | | | | | | _ |
| | | Su | mmary Production | | | |
| | | Metri | c | Imperia | ıl | |
| | Mined: | 392 | tonnes | 432 | tons | |
| | Milled: | 0 | tonnes | 0 | tons | |
| D | ~ | | | | | |
| Kecovery | Silver | 112,406 | grams | 3,614 | ounces | |
| | Gold | 5,630 | grams | 181 | ounces | |
| | Lead | 3,720 | kilograms | 8,201 | pounds | |

Capsule Geology

2,773 pounds

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.

1,258 kilograms

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.

Zinc

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 stibuite. 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 pyrrhotite. 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; | 933-197; 1934-D34; 1949-138; 1962-66 | | | | | | | |
| EMPR ASS RPT 1096 | EMPR ASS RPT 10967, 12050, 21592, 22575, 22827, 23110 | | | | | | | |
| EMPR BC METAL MM00442 | | | | | | | | |
| EMPR BULL 1, p. 79 | 9; 20, pp. 3-24 | | | | | | | |
| EMPR FIELDWORK | 1987, pp. 55-58; 1988, pp | o. 49-54; 1992, pp. 2 | 55-257 | | | | | |
| EMPR GEM 1971-43 | 1; 1972-79; 1973-98; 1974 | 4-88 | | | | | | |
| EMPR INDEX 3-211 | | | | | | | | |
| EMPR OF 1991-18; 1 | 994-8 | | | | | | | |
| EMPR PF (Plan of St. | Paul (lower) workings, co | opy of 1952 map; *R | eport on the St. Paul Property, Coast Interior V | entures, 1974) | | | | |
| EMPR RGS 082L, 197 | 76; 32, 1991 | | | | | | | |
| GSC MAP 1059A; 72 | 16G; 8502G | | | | | | | |
| GSC MEM 296, p. 14 | 7 | | | | | | | |
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| CJES Vol. 26, No. 2 | | | | | | | | |
| GCNL #17, 1983 | | | | | | | | |
| Date Coded: | 1985/07/24 | Coded By: | BC Geological Survey (BCGS) | Field Check: | Ν | | | |
| Date Revised: | 1994/11/16 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | | | |



| | | Location/Identifi | cation | | | | | |
|---------------------------------------|--|--|----------------------------|---|--|--|--|--|
| | | Locution/Iucnuji | | 0001.0 A1 | | | | |
| MINFILE Number: | 082LSE001 | National M | lineral Inventory Nu | imber: 082L2 Au1 | | | | |
| Name(s): | MONASHEE | | | | | | | |
| | RISKE (L.192), VERNON (L.193), MCINTYRE (L.194), RISKE (L.195), WITHROW (L.306), MOONBEAM, KETTLE 2, MORNING SUN, FIELD | | | | | | | |
| Status: | Past Producer | | Mining Division: | Vernon | | | | |
| Mining Method | Underground | | Electoral District: | Okanagan-Vernon | | | | |
| Regions: | British Columbia | | Forest District: | Okanagan Shuswap Forest District | | | | |
| BCGS Map: | 082L018 | | | | | | | |
| NTS Map: | 082L02E, 082L01W | | UTM Zone: | 11 (NAD 83) | | | | |
| Latitude: | 50 06 30 N | | Northing: | 5551766 | | | | |
| Longitude: | 118 30 31 W | | Easting: | 392128 | | | | |
| Elevation: | 1265 metres | | | | | | | |
| Location Accuracy: | Within 500M | withrow aloim (Lat 206) near stamp | uill aita (A agagamant D | ement 11790) | | | | |
| Comments: | Opper aut (No.1) on th | le withow claim (Lot 500) heat stamp in | iiii site (Assessitietit K | eport 11/67). | | | | |
| | | Mineral Occurre | ence | | | | | |
| Commodities: | Silver, Gold, Lead, Zinc, Co | opper | | | | | | |
| Minerals | Significant: Galena, Gold, Pyrite, Sphalerite, Chalcopyrite, Magnetite | | | | | | | |
| | Associated: | Quartz | | | | | | |
| | Alteration: | Silica, Clay, Chlorite | | | | | | |
| | Alteration Type: | Silicific'n, Argillic, Chloritic | | | | | | |
| | Mineralization Age: | Unknown | | | | | | |
| Denesit | Character: | Vein Shear | | | | | | |
| Deposit | Classification: | Hydrothermal, Epigenetic | | | | | | |
| | Type: | I05: Polymetallic veins Ag-Pb-Zn+/-Au | u | | | | | |
| | Dimension. | 760x1x0 metres Strike/Din: | 045/34E | | | | | |
| | Commonts: | The voin in the adit on the Withrow alai | m strikes northeast on | d ding 24 degrees couthoast. The voin | | | | |
| | Comments. | pinches and swells up to 1.5 metres in v | vidth and has reported | ly been traced on surface for 760 metres. | | | | |
| | | Host Rock | | | | | | |
| Dominant Host Ro | ck: Metavolcanic | | | | | | | |
| Stratigraphic Age Paleozoic-Mesozo | Group ic Harper Ranch | Formation Undefined Formation | Ign | eous/Metamorphic/Other | | | | |
| Jurassic | | | Nel | son Intrusions | | | | |
| Isotopic Age | | Dating Method | Material Dated | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Lithology M | leta Volcanic Argillita Marhl | e Limestone Hornhlanda Riotita Granad | iorite Andesita Sill | | | | | |
| Litilology: IVI | | | norite, Anacolie Sill | | | | | |
| Comments: T | he Harper Ranch Group is Dev | vonian to Triassic. | | | | | | |
| | | Geological Set | ting | | | | | |
| Tectonic Belt: | Omineca | Physiographic Area | : Okanagan | Highland | | | | |
| Terrane: | Quesnel | | | | | | | |
| | | | | | | | | |
| | | Inventory | | | | | | |

| Category: Sample Type: | Assay/analysis | | Report On: | Ν | |
|---------------------------|------------------------------------|------------------------------------|------------|--------|---|
| Sample Type: | | | | | |
| Sample Type: | | | NI 43-101: | N | |
| | 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 vei | n material from Withrow adit dump. | | | - |
| Reference: | Assessment Report 11789. | - | | | |
| | 1 | | | | |
| | | Summary Production | | | |
| | | Metric | Imperial | I | |
| | Mined: | 2,193 tonnes | 2,417 | tons | |
| | Milled: | 1,421 tonnes | 1,566 | tons | |
| | | | | | |
| Recovery | Silver | 50,916 grams | 1,637 | ounces | |
| | Gold | 11,415 grams | 367 | ounces | |
| | x 1 | 706 kilograms | 1 556 | nounds | |
| | Lead | /00 Kilograms | 1,550 | 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, chalcopyrite, 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 chalcopyrite 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 chalcopyrite 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; 189 | 00-378; 1891-576; 18 | 92- 543; 1893-1073; 1897-609; 1900-857,1128; | 1901-1128,1155; | | | | | | |
| 1902-188; 1903-178 | ; 1904-228; 1905-193; 19 | 07-128; 1909-278; 19 | 913-171; 1914-359,511; 1915-252,446; 1916-26 | 3; 1921-191; 1933-15 | 55; | | | | | |
| 1934-D11; 1935-D12 | 3; 1939-37,42; 1940-23,7 | 1 | | | | | | | | |
| EMPR ASS RPT 477 | EMPR ASS RPT 4771, 11537, *11789, 19209, 22827, 22575, *23110 | | | | | | | | | |
| EMPR BC METAL N | 4M00433 | | | | | | | | | |
| 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; 1 | 994-8 | | | | | | | | | |
| EMPR PF (Workings | Plans 1915, 1932) | | | | | | | | | |
| EMPR RGS 082L, 19 | 76; 32, 1991 | | | | | | | | | |
| EMR CORPFILE (M | onashee Gold Mines Ltd., | Monashee Mines Sy | ndicate Ltd., Vidette Gold Mines Ltd.) | | | | | | | |
| EMR MINES BRAN | CH 1934 Report 748-171 | #604) | | | | | | | | |
| GSC ANN RPT 1890 | , Vol. 5 | | | | | | | | | |
| GSC MAP 1059A; 72 | 216G; 8491G; 8501G | | | | | | | | | |
| GSC MEM 296, p. 14 | 7 | | | | | | | | | |
| 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 | | | | | | | | | | |
| Date Coded: | 1985/07/24 | Coded By: | BC Geological Survey (BCGS) | Field Check: | Ν | | | | | |
| Date Revised: | 1994/11/17 | Revised By: | Dorthe E. Jakobsen(DEJ) | Field Check: | Ν | | | | | |

APPENDIX C

Assessment Cost Statement

| Exploration Work type | Comment | Days | | | Totals |
|-------------------------------|---|--------------|---------------|-------------|--------------------|
| | | | | | |
| Personnel (Name)* / Position | Field Days (list actual days) | Days | Rate | Subtotal* | |
| Garrett Ainsworth / Geologist | August 31-September 19, 2010 | 20 | \$227.27 | \$4,545.40 | |
| Greg Galloway / Assistant | August 31-September 19, 2010 | 20 | \$200.00 | \$4,000.00 | |
| | | | \$0.00 | \$0.00 | |
| | | | \$0.00 | \$0.00 | |
| | | | \$0.00 | \$0.00 | |
| | | | \$0.00 | \$0.00 | ¢0 5/5 /0 |
| Office Studies | List Personnel (note - Office or | alv. do not | t include fi | \$0,040.40 | \$0, 343.40 |
| Literature search | | ily, do 110 | | \$0.00 | |
| Database compilation | | | \$0.00 | \$0.00 | |
| | Garrett Ainsworth / Geologist | 20.0 | \$0.00 | \$0.00 | |
| Reprocessing of data | | 20.0 | 0.02 | 00.02 | |
| General research | | | 0.00 | 00.00 | |
| Report preparation | Garrett Ainsworth / Geologist | 10.0 | \$227.27 | \$2,272,70 | |
| Other (specify) | | 10.0 | ΨΖΖΙ.ΖΙ | \$0.00 | |
| | | | | \$6,818,10 | \$6 818 10 |
| Airborne Exploration Surveys | Line Kilometres / Enter total invoiced | amount | | \$0,010.10 | \$0,010.10 |
| Aeromagnetics | | amount | \$0.00 | \$0.00 | |
| Radiometrics | | | \$0.00 | \$0.00 | |
| Flectromagnetics | | | \$0.00 | \$0.00 | |
| Gravity | | | \$0.00 | \$0.00 | |
| Digital terrain modelling | | | \$0.00 | \$0.00 | |
| Other (specify) | | | \$0.00 | \$0.00 | |
| | | | 40.00 | \$0.00 | \$0.00 |
| Remote Sensing | Area in Hectares / Enter total invoiced | amount or I | ist personnel | | |
| Aerial photography | | | \$0.00 | \$0.00 | |
| LANDSAT | | | \$0.00 | \$0.00 | |
| Other (specify) | | | \$0.00 | \$0.00 | |
| | | | | \$0.00 | \$0.00 |
| Ground Exploration Surveys | Area in Hectares/List Personnel | | | | |
| Geological mapping | | | | | |
| Regional | | note: ex | penditures h | nere | |
| Reconnaissance | | should b | e captured i | n Personnel | |
| Prospect | | field exp | enditures ab | ove | |
| Underground | Define by length and width | | | | |
| Trenches | Define by length and width | | | \$0.00 | \$0.00 |
| | | | | | |
| Ground geophysics | Line Kilometres / Enter total amount i | nvoiced list | personnel | | |
| Radiometrics | | | | | |
| Magnetics | | | | | |
| Gravity | | | | | |
| Digital terrain modelling | | | | | |
| Electromagnetics | note: expenditures for your crew in | n the field | | | |
| SP/AP/EP | should be captured above in Perso | nnel | | | |
| | rieia expenditures above | | | | |
| | | | | | |
| Resistivity | | | | | |
| Complex resistivity | | | | | |
| Seismic reflection | | | | | |
| | Define by total length | | | | |
| Coophysical interpretation | | | | | |
| Geophysical interpretation | | | | | |

| Petrophysics | | | | | |
|------------------------------|---------------------------------------|-------------|-----------------|-------------------------|----------------------------|
| Other (specify) | | | | | |
| | | 1 | 1 | \$0.00 | \$0.00 |
| Geochemical Surveying | Number of Samples | No. | Rate | Subtotal | |
| | • | | | | |
| Drill (cuttings, core, etc.) | | 316.0 | \$41.51 | \$13,117.53 | |
| Stream sediment | | | \$35.72 | \$0.00 | |
| Soil | | | \$34.03 | \$0.00 | |
| Rock | | | \$41.51 | \$0.00 | |
| Water | | | \$0.00 | \$0.00 | |
| Biogeochemistry | | | \$0.00 | \$0.00 | |
| Whole rock | | | \$0.00 | \$0.00 | |
| Petrology | | | \$250.00 | \$0.00 | |
| Other (specify) | | | \$0.00 | \$0.00 | |
| | 1 | | \$0.00 | \$13 117 53 | \$13,117,53 |
| Drilling | No. of Holes, Size of Core and Metres | No | Rate | Subtotal | ¢10,117.00 |
| Diamond | 7 holes NO 850 meters | 850.0 | \$104.92 | \$89 181 60 | |
| Poverse circulation (PC) | | 030.0 | \$0.00 | 00.02 | |
| Potary air blast (PAR) | | | 00.00 | 00.00 | |
| Other (specify) | | | 00.00 | \$0.00 | |
| Other (specify) | | | \$0.00 | \$0.00 \$00 101 60 | ¢00 101 40 |
| Other Operations | Clarify | No | Pato | \$07,101.00 Subtotal | Φ07,101.00 |
| | | NO. | | \$0.00 | |
| Pulk compling | | | 00.00 | \$0.00 | |
| Underground development | | | \$0.00 | \$0.00 | |
| | | | \$0.00 | \$0.00 | |
| Other (specify) | | | \$0.00 | \$0.00 | ¢0.00 |
| Dealamatian | Olarif. | Ne | Data | \$0.00 | \$0.00 |
| | | INO. | | | |
| Arter drilling | Recontouring & Resurfacing | 1.0 | \$10,000.00 | \$10,000.00 | |
| | | | \$0.00 | \$0.00 | |
| Other (specify) | | | \$0.00 | \$0.00 | |
| Tuesses estation | | Ne | Data | Culstatel | |
| Transportation | | INO. | Rate | Subtotal | |
| Aintono | Calleurer Cala, Ta Kal, Datum | 1.00 | ¢0/7/0 | ¢2/7/2 | |
| | Galloway Calg. To Kel. Return | 1.00 | \$367.62 | \$367.62 | |
| | | 00.00 | \$0.00 | \$0.00 | |
| | 20 truck days | 22.00 | \$115.00 | \$2,530.00 | |
| Kilometers | truck use in vancouver | 120.00 | \$0.52 | \$62.40 | |
| | 22 Dirtbike days | 22.00 | \$50.00 | \$1,100.00 | |
| | | 1.00 | \$764.75 | \$/64./5 | |
| Helicopter (hours) | | | \$0.00 | \$0.00 | |
| Fuel (litres/hour) | | | \$0.00 | \$0.00 | |
| Other | | | | * 4 00 4 77 | * 4 00 4 7 7 |
| | . | 1 | [| \$4,824.77 | \$4,824.77 |
| Accommodation & Food | Rates per day | 40.00 | \$100.10 | * 1 000 00 | |
| Hotel | Cherryville Lodge Inn Retreat | 42.00 | \$103.10 | \$4,330.00 | |
| Camp | | 1.00 | \$60.00 | \$0.00 | |
| Meals | Groceries | 1.00 | \$449.02 | \$449.02 | * 4 330 00 |
| | | | | \$4,779.02 | \$4,779.02 |
| | | 0.07 | # 0.0 C - | <i>* 10 5 -</i> | |
| | | 3.00 | \$20.00 | \$60.00 | |
| Uther (Specify) | Satellite Phone | | \$1.49 | \$0.00 | |
| | | 1 | | \$60.00 | \$60.00 |
| Equipment Rentals | | | + o · | + c | |
| Field Gear (Specify) | Sampling gear, health & safety | 1.00 | \$3,753.45 | \$3,753.45 | |

| Other (Specify) | \$0.00 | \$0.00 | |
|-----------------------|--------|------------|--------------|
| | | \$3,753.45 | \$3,753.45 |
| Freight, rock samples | | | |
| | \$0.00 | \$0.00 | |
| | \$0.00 | \$0.00 | |
| | | \$0.00 | \$0.00 |
| | | | |
| TOTAL Expenditures | | | \$131,079.87 |

APPENDIX D

Drill Logs

ESO Uranium Corporation

Donna Gold Property

Monashee Mountain, British Columbia

Drill Hole: D10-1

Location: Trench #4 UTM Coordinates: 399520E, 5554613N (Garmin GPS, NAD 83, Z11) Date: September 8th to 12th, 2010 Drill Contractor: Hardcore Drilling Diamond Drill Rig: CS-1000 Core Size: NQ Azimuth: 270 Dip: -75

Orientation Instrument: Acid Test Logged By: Garrett Ainsworth

* all units are in metres

EOH = 297.33 m

D10-1 Major Geology

| From: | То: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|--------|--------|------------|--|----------------|----------|---|---|
| 0.00 | 3.70 | Overburden | | | | | Overburden and sub-crop |
| 3.70 | 22.50 | Skarn | Light grey to olive green to black | fine | Banded | Calcite 25, Calc-Silicates 55, Chlorite 15, Epidote 5, trace to 5% sulphides | Hardness 3-5 Offset and x-cutting quartz with calcite veins frequent - up to 20 mm Irregular highly fractured sections. Some fractures have chloritization zones surrounding them |
| 22.50 | 31.05 | Skarn | Light grey to cream to olive green to light violet | fine | Breccia | Calcite 30, Calc-Silicates 45, Chlorite 20, Epidote 5, trace sulphides | Hardness 1-3 Some gouge zones up to 100 mm Irregular highly fractured sections |
| 31.05 | 39.80 | Skarn | Light grey to grey to white | fine | Banded | Calcite 20, Calc-Silicates 55, Quartz 15, Chlorite 5, Epidote 3, trace sericite, trace to 10% sulphides | Hardness 4-5 Irregular highly fractured sections. Some fractures have chloritization zones surrounding them Occasional quartz veins with calcite and sulphides up to 150 mm |
| 39.80 | 65.40 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 38, Hornblende 35, Quartz 5, Biotite 20, Magnetite 1, Calcite 1 trace sulphides (pyrite, pyrrhotite) | Hardness 6-7 Occasional quartz veins with calcite and sulphides up to 70 mm Trace chloritization at inter-mixed contact with skarn unit Occasional banding of chloritized skarn |
| 65.40 | 71.42 | Skarn | Cream white to grey to olive green to light purple | fine | Banded | Calcite 15, Calc-Silicates 64, Hematite 10, Chlorite 5, Epidote 1, Clay 5, trace pyrrhotite & pyrite | Hardness 5-6 Some bleaching, hematization & chloritization throughout Occasional quartz & calcite stringers < 10 mm Weak to moderate silicification? |
| 71.42 | 78.56 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 35, Hornblende 40, Biotite 15, Quartz 3, Calcite 2, Chlorite 3, trace to 2% pyrrhotite | Hardness 4-6 Pervasive calcite stringers < 1 mm Trace to some chloritization surrounding some micro-fractures |
| 78.56 | 102.80 | Skarn | Olive green to light purple to grey to cream white | fine | Banded | Calcite 20, Calc-Silicates 50, Chlorite 13, Hematite 12, Quartz 3, Epidote 1, trace to 1% pyrrhotite & pyrite | Hardness 3-4 Some hematization & chloritization throughout Offset calcite & quartz stringers common Brecciated and fault gouge sections |
| 102.80 | 118.40 | Shale | Grey to black | fine | Massive | Detrital sediments 80, Calcite 20, trace pyrrhotite & pyrite | Hardness 4-5 X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence |
| 118.40 | 130.80 | Shale | Light grey to grey to black | fine | Banded | Detrital sediments 85, Calcite 15 trace pyrrhotite & pyrite | Hardness 5 Contains minor sandstone & conglomerate units that may represent turbidites (some fining upwards observed) - see Minor Geology X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common |

D10-1 Major Geology

| From: | То: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|--------|--------|------------|---|-------------------|----------|--|--|
| 130.80 | 133.40 | Sandstone | Light grey to grey to olive green | fine to medium | Massive | Detrital sediments 75, Chlorite 13, Epidote 2, Calcite 10 trace pyrrhotite | Hardness 4-5 Grains deformed and preferentially orientated Moderately chloritized Occasional x-cutting calcite and quartz stringers Possible turbidite? |
| 133.40 | 149.85 | Shale | Black to grey | fine | Banded | Detrital sediments 85, Calcite 15 trace pyrrhotite & pyrite | Hardness 5 X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common |
| 149.85 | 159.55 | Sandstone | Grey to dark grey | fine to medium | Banded | Detrital sediments 75, Calcite 25, trace pyrrhotite | Hardness 4.5 Grains deformed and preferentially orientated - due to compaction? Fining upwards sequence observed Cross-stratification evident - strata typically at 70-90 degrees to core angle Occasional conglomerate sections up to 0.55 m thick Frequent black shale sections up to 50 mm Possible turbidite? Occasional x-cutting calcite and quartz stringers |
| 159.55 | 164.00 | Shale | Black to grey | fine | Banded | Detrital sediments 85, Calcite 15 trace to 2% pyrrhotite & pyrite | Hardness 4 X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common |
| 164.00 | 297.33 | Sandstone | Grey to dark grey | fine to medium | Banded | Detrital sediments 75, Calcite 25, trace pyrrhotite | Hardness 3.5-4.5 Grains deformed and preferentially orientated - due to compaction? Fining upwards sequence observed Cross-stratification evident - strata typically at 70-90 degrees to core angle Occasional conglomerate sections up to 0.3 m thick Frequent black shale sections up to 0.6 m Trace to 5% pyrrhotite, pyrite, arsenopyrite on black shale fracture planes graphite coated fractures common in black shales Possible turbidite? Occasional x-cutting calcite and quartz stringers |

EOH = 297.33 m

D10-4 Minor Geology

| From: | To: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|--------------|--|----------------|----------|---|---|
| 11.70 | 12.30 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 45, Hornblende 35, Quartz 5, Biotite 13, Magnetite 1, Calcite 1 trace to 3% sulphides | Hardness 4.5 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Occasional carbonate altered sections associated with more sulphides Occasional calcite stringer up to 2 mm Moderately chloritized & bleached in sections |
| 21.80 | 22.75 | Skarn | Grey to cream to olive green to purple | fine | Banded | Calcite 10, Calc-Silicates 90, up to 20% pyrrhotite | Hardness 4 Moderate chloritization Dense calcite stringers < 1 mm |
| 26.50 | 26.65 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 45, Hornblende 35, Quartz 5, Biotite 13, Magnetite 1, Calcite 1 trace to 3% sulphides | Hardness 4.5 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Occasional carbonate altered sections associated with more sulphides Occasional calcite stringer up to 2 mm Moderately chloritized & bleached in sections |
| 35.75 | 35.85 | Skarn | Grey to cream to olive green to purple | fine | Banded | Calcite 10, Calc-Silicates 90, trace pyrrhotite | Hardness 4.5 Moderate chloritization |
| 45.10 | 46.60 | Diorite | Grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 30, Sericite 13, Biotite 10, Quartz 5, Magnetite 1, Calcite 1, trace to 20% sulphides | Hardness 6 Weakly bleached Highest sulphide content is at contact with skarn |
| 60.25 | 60.55 | Shale | Black | fine | Massive | Detrital sediments 80, Calcite 20, trace to 2% pyrrhotite & pyrite | Hardness 5 |
| 68.25 | 69.50 | Conglomerate | Grey to white | coarse | Massive | Detrital sediments 80, Calcite 20, trace finely disseminated pyrrhotite | Hardness 5-6 Grains deformed and preferentially orientated - due to compaction? Grains up to 9 mm Occasional calcite stringers up to 1 mm |
| 86.35 | 87.15 | Sandstone | Grey to dark grey | fine to medium | Massive | Detrital sediments 70, Calcite 30, trace pyrrhotite | Hardness 5 fining upwards is observed |
| 88.65 | 89.10 | Sandstone | Grey to dark grey | fine to medium | Massive | Detrital sediments 70, Calcite 30, trace pyrrhotite | Hardness 5 |

EOH = 93.57 m

D10-1 Detailed Structure

| At: | Structure: | Angle: | Description: |
|---------------------|----------------------|--------|---|
| 5.3-6.0 | Clots & Stringers | | quartz with calcite |
| 7.9-8.05 | Gouge | | crushed zone |
| 12.6-13.0 | Fractures | | irregular highly fractured section and crushed rock |
| 13.5 | Course | 35 | 20 mm quartz with calcite |
| 20.95-21.1 | Gouge | 15 | 2 mm black clay & crushed shale |
| 23.6-24.4 | Fractures | 10 | irregular highly fractured section and crushed rock |
| 24.7-25.3 | Fractures | | irregular highly fractured section and crushed rock |
| 26.7-27.0 | Gouge | | chloritic clay and crushed skarn |
| 32.0-32.6 | Fractures | | irregular highly fractured section and crushed rock |
| 32.95 | Vein | 70 | brecciated quartz vein with calcite and sulphides |
| 33.6-34.4 | Veins & Blebs | | Intermittent quartz veins & blebs with calcite and sulphides |
| 39.6 | Vein | 40 | offset quartz vein with calcite and outlined by pyrite |
| 41.45-43.25 | Fractures | 40 | irregular highly fractured section and crushed rock |
| 44.95 | Stringer | 45 | 15 mm quartz with up to 2% pyrite & pyrrhotite |
| 50.5 | Vein | 80 | 45 mm quartz with up to 15% pyrite |
| 52.65 | Vein | 90 | 30 mm quartz with up to 2% pyrite - 1-3 mm gouge on either side of quartz vein |
| 52.95 | Vein | 55 | 35 mm brecciated quartz and chlorite alterated with up to 2% pyrite |
| 54.85 | Stringer | 80 | 10 mm quartz with up to 2% pyrite and pyrihotite |
| 55.35 60.15-60.4 | Clots | 70 | 75 mm brecclated quartz with calcite and pyrite & pyrmotite up to 10% |
| 60.85 | Stringer | | offset calcite stringer with up to 5% pyrrhotite |
| 61.62 | Stringer | 80 | offset calcite stringer with up to 15% pyrite & pyrrhotite |
| 62.7-62.9 | Fractures | | irregular highly fractured section and crushed rock |
| 63.25 | Vein | 75 | 10 mm quartz with calcite and up to 5% pyrite & pyrrhotite |
| 64.45-64.55 | Vein | 90 | 100 mm quartz with calcite and up to 5% pyrite & pyrrhotite |
| 70.95-71.3 | Fractures | | irregular highly fractured section and crushed rock |
| 82.46-82.48 | Vein Foult Course | 85 | 20 mm quartz with calcite and up to 2% pyrite & pyrrhotite |
| 83-90.6 96.4-97 | Fault Gouge | 10 | irregular highly fractured section and crushed rock |
| 97.5-103.6 | Fractures | | irregular highly fractured section and crushed rock |
| 108.3-108.6 | Clots & Stringers | | quartz with calcite and trace pyrite & pyrrhotite |
| 109.07 | Stringer | 80 | 5 mm quartz with trace sulphides |
| 112.9 | Stringers | | offset irregular calcite stringers up to 8 mm with trace sulphides |
| 113.2 | Gouge | 35 | black clay up to 10 mm |
| 113-114 | Fractures | | graphite coated slickensided fractures |
| 114.6-114.7 | Clots & Stringers | 80 | duartz with calcite and trace pyrite & pyrmotite |
| 116.9-117.45 | Clots & Stringers | 00 | offset irregular calcite stringers and clots up to 8 mm with trace pyrite & pyrithotite |
| 117.85 | Fracture | 55 | graphite coated slickenside |
| 120.8-121 | Clots & Stringers | | offset irregular calcite stringers and clots up to 12 mm |
| 121.65 | Stringers | | offset irregular quartz and calcite stringers up to 14 mm with up to 3% pyrite & pyrrhotite |
| 136.6-137 | Fractures | | graphite coated slickensided fractures, some fractures coated with pyrite |
| 138.7-139 | Fractures | | irregular highly fractured section and crushed rock |
| 140.15-140.35 | Gouge | 45 | 200 mm black clay and crushed black shale |
| 157 35-157 55 | Gouge | 40 | 200 mm black clav and crushed black shale |
| 159.55-162.25 | Fractures | | irregular highly fractured section and crushed rock - some fractures coated with graphite |
| 162.95-163.15 | Fractures | | irregular highly fractured section and crushed rock |
| 165.25-166 | Fractures | | irregular highly fractured section and crushed rock |
| 167.15 | Vein | 15 | offset irregular calcite vein up to 20 mm with quartz, and trace pyrrhotite, chlorite |
| 1/0.5-171.8 | Fractures | | Irregular highly tractured section and crushed rock with intense calcite clots & stringers |
| 170 1-170 2 | Clots & Stringers | | rou min plack clay and crushed black shale |
| 188.4 | Stringers | | offset irregular calcite stringers up to 6 mm with chlorite |
| 189.1-189.2 | Gouge | | 100 mm crushed black shale |
| 191.6 | Clots & Stringers | | calcite and quartz clots & stringers up to 20 mm with trace pyrrhotite |
| 192.9-193 | Stringers | | offset calcite stringers and quartz up to 7 mm |
| 193.8-194.4 | Clots & Stringers | | dense calcite and quartz clots & stringers up to 11 mm with up to 2% pyrrhotite |
| 199.55 | Clot | | Irregular quartz clot with calcite |
| 201.95-202.1 | Stringers | | dense calcite stringers up to 5 mm - nost sandstone has been brecciated by stringers |
| 213 9-214 3 | Stringers | | dense calcite stringers up to 3 mm - host sandstone has been brecciated by stringers |
| 219.5-219.7 | Stringers | | dense calcite stringers up to 5 mm - host sandstone has been brecciated by stringers |
| 221 | Clots & Stringers | | Calcite clots & stringers up to 40 mm with brecciated quartz within |
| 235.85 | Vein | 70 | 27 mm calcite vein |
| 236.05 | Vein | 70 | 22 mm calcite vein |
| 237.05-237.35 | Stringers | | dense offset irregular calcite stringers up to 3 mm |
| 244.9 | Vein | 80 | 135 mm quartz with brecciated black shale within, and trace calcite |
| 240.2-240.7 | Stringers | | dense irregular caloite stringeres < 1 mm |
| 249.25-249.45 | Stringers | | dense offset irregular calcite stringeres vin to 3 mm |
| | 5 | ı | |

D10-1 Detailed Structure

| At: | Structure: | Angle: | Description: |
|---------------|------------|--------|--|
| 251-251.3 | Stringers | | dense offset irregular calcite stringers up to 3 mm |
| 252.6-252.9 | Stringers | | dense offset irregular calcite stringers up to 2 mm |
| 256.4-256.8 | Stringers | | dense offset irregular calcite stringers up to 2 mm |
| 257.9-258.1 | Stringers | | dense offset irregular calcite stringers up to 4 mm |
| 258.95-259.1 | Stringers | | dense offset irregular calcite stringers up to 3 mm |
| 263.05-263.3 | Gouge | | 250 mm black clay and crushed black shale |
| 266.1-267 | Fractures | | irregular highly fractured section and crushed rock |
| 269.15-269.25 | Stringers | | dense offset irregular calcite stringers up to 5 mm |
| 271-271.6 | Fractures | | irregular highly fractured section and crushed rock and trace black clay |
| 278.35 | Vein | 45 | 5 mm quartz with 5% pyrrhotite |
| 278.6-278.95 | Stringers | | dense offset irregular calcite stringers up to 6 mm with up to 5% pyrrhotite |
| 283.4-284.85 | Fractures | | irregular highly fractured section and crushed rock and trace black clay |
| 290.55-291.1 | Fractures | | irregular highly fractured section and crushed rock and trace black clay |
| 292.80-292.84 | Gouge | | 40 mm black clay and crushed black shale |
| 295.2-295.23 | Gouge | | 30 mm black clay and crushed black shale |
| 295.55-296 | Stringers | | dense offset irregular calcite stringers up to 8 mm containing trace quartz |

D10-1 Mineralization

| From: | To: | Mineralization: |
|--------|--------|---|
| 6 | 6.8 | pyrite, pyrrhotite, arsenopyrite up to 5% as <1 mm stringers, < 3 mm blebs, fracture coating, and finely disseminated |
| 10.4 | 10.9 | pyrrhotite up to 5% as < 10 mm blebs and finely disseminated - trace arsenopyrite |
| 32.6 | 34.5 | pyrite, pyrrhotite up to 10% as < 1 mm stringers, < 15 mm blebs, and finely disseminated - often along outside of quartz stringers |
| 38.6 | 39.3 | pyrite, pyrrhotite, arsenopyrite up to 5% as <1 mm stringers, < 3 mm blebs, and finely disseminated - often outsite of quartz stringers |
| 44.9 | 44.92 | pyrite, arsenopyrite up to 5% as < 1 mm stringers and finely disseminated with quartz and in surrounding limey skarn |
| 46.2 | 46.26 | pyrite, arsenopyrite up to 5% as < 1 mm stringers and finely disseminated with quartz and in surrounding limey skarn |
| 46.9 | 46.96 | pyrite, arsenopyrite up to 5% as < 1 mm stringers and finely disseminated with quartz and in surrounding limey skarn |
| 50.1 | 51.2 | pyrite, arsenopyrite up to 5% as < 1 mm stringers and finely disseminated with quartz and in surrounding limey skarn |
| 53.6 | 54 | pyrite, arsenopyrite up to 1% as < 2 mm blebs and finely disseminated in limey skarn |
| 54.2 | 54.3 | pyrrhotite up to 2% as < 2 mm blebs and finely disseminated in quartz clot |
| 54.8 | 55.55 | pyrite, pyrrhotite, arsenopyrite up to 10% as < 10 mm blebs and finely disseminated with quartz and in surrounding limey skarn |
| 60.6 | 61.7 | pyrite, pyrrhotite, arsenopyrite up to 5% as <1 mm stringers, < 3 mm blebs, and finely disseminated with quartz and in limey skarn |
| 63 | 63.01 | pyrite, pyrrhotite up to 5% as < 2 mm stringers, < 5 mm blebs, and finely disseminated with quartz and calcite |
| 63.25 | 63.26 | pyrite, pyrrhotite up to 5% as < 2 mm stringers, < 2 mm blebs, and finely disseminated with quartz and calcite |
| 64.45 | 64.55 | pyrite, pyrrhotite, arsenopyrite up to 5% as < 2 mm stringers, < 5 mm blebs, and finely disseminated with quartz and calcite |
| 81.5 | 82 | pyrite, pyrrhotite up to 3% as < 7 mm blebs, and finely disseminated within brecciated chloritized skarn |
| 116.85 | 118 | pyrite, pyrrhotite up to 2% as < 1 mm stringers, < 2 mm blebs, and finely disseminated with quartz and calcite stringers |
| 121.6 | 121.7 | pyrite, pyrrhotite up to 3% as < 4 mm blebs with quartz and calcite stringers |
| 123.1 | 123.16 | pyrite, pyrrhotite up to 3% as < 3 mm stringers and finely disseminated adjacent offset calcite stringers |
| 136.9 | 137.05 | pyrite up to 3% as < 1 mm stringer in calcite and finely disseminated |
| 238 | 239 | pyrrhotite, pyrite, and arsenopyrite up to 3% associated with calcite veins and stringers in black shale strata |



DIAMOND DRILL LOG

| SAMPLE DATA | | | CHEMICAL DATA | | | | | | | | |
|-------------|--------|--------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | Ag (ppm) | Cu (ppm) | Pb (ppm) | (mqq) nZ | As (ppm) | Sb (ppm) | COMMENTS |
| 3.70 | 5.00 | 36001 | | 0.004 | 1.7 | 34 | <2 | 115 | 11 | <5 | |
| 5.00 | 7.00 | 36002 | yes | 0.004 | 1 | 36 | 4 | 110 | 20 | 5 | |
| 7.00 | 9.00 | 36003 | | 0.011 | 4.3 | 96 | 816 | 104 | 188 | 852 | |
| 9.00 | 10.40 | 36004 | | 0.004 | 1.7 | 40 | <2 | 118 | 11 | <5 | |
| 10.40 | 10.90 | 36005 | yes | 0.225 | 20.8 | 181 | 2010 | 36 | 485 | 1895 | |
| 10.90 | 13.00 | 36006 | | 0.007 | 2 | 61 | 8 | 110 | 42 | 15 | |
| 13.00 | 15.00 | 36007 | | 0.012 | 1.4 | 37 | <2 | 101 | 72 | 7 | |
| 15.00 | 17.00 | 36008 | | 0.355 | 48 | 78 | 33 | 100 | 99 | 35 | |
| 17.00 | 19.00 | 36009 | | 0.004 | 0.7 | 67 | <2 | 93 | 6 | <5 | |
| 19.00 | 20.00 | 36010 | | 0.016 | 4.6 | 52 | 7 | 111 | 46 | 20 | |
| 20.00 | 22.00 | 36011 | | 0.108 | 4.3 | 53 | 35 | 95 | 508 | 26 | |
| 22.00 | 23.00 | 36012 | | 0.011 | 2.2 | 47 | 2 | 94 | 78 | 6 | |
| 23.00 | 24.40 | 36013 | | 0.004 | 1.5 | 58 | <2 | 93 | 8 | <5 | |
| 24.40 | 26.00 | 36014 | | 0.019 | 1.9 | 40 | <2 | 92 | 80 | 5 | |
| 26.00 | 28.00 | 36015 | | 0.006 | 1.6 | 46 | <2 | 91 | 47 | 7 | |
| 28.00 | 30.00 | 36016 | | 0.121 | 1.3 | 41 | 3 | 90 | 1080 | 7 | |
| 30.00 | 32.60 | 36017 | | 0.273 | 2.4 | 74 | 10 | 89 | 2490 | 7 | |
| 32.60 | 34.50 | 36018 | yes | 1.33 | 3.4 | 23 | 18 | 88 | >10000 | 30 | |
| 34.50 | 36.60 | 36019 | | 0.143 | 1.2 | 37 | 3 | 87 | 622 | 9 | |
| 36.60 | 38.60 | 36020 | | 0.028 | 1.3 | 56 | 6 | 86 | 58 | 6 | |
| 38.60 | 39.30 | 36021 | yes | 1.3 | 1.8 | 40 | 6 | 86 | 5250 | 21 | |
| 39.30 | 41.40 | 36022 | yes | 0.1 | 2.5 | 47 | 217 | 85 | 542 | 214 | |
| 41.40 | 42.50 | 36023 | yes | 0.518 | 4.1 | 39 | 490 | 84 | 995 | 486 | |
| 44.80 | 46.00 | 36024 | yes | 0.45 | 3.4 | 47 | 180 | 83 | 1005 | 179 | |
| 46.10 | 47.10 | 36025 | yes | 0.23 | 4.3 | 32 | 904 | 82 | 553 | 912 | |
| 50.10 | 51.20 | 36026 | yes | 0.801 | 3.3 | 25 | 14 | 81 | 4960 | 19 | |
| 53.70 | 54.30 | 36027 | yes | 0.113 | 10 | 54 | 1130 | 80 | 564 | 1140 | |
| 54.80 | 55.60 | 36028 | yes | 0.337 | 1.8 | 43 | 20 | 79 | 1040 | 18 | |
| 60.60 | 61.70 | 36029 | yes | 0.84 | 8.5 | 45 | 737 | 78 | 3100 | 683 | |
| 63.00 | 63.50 | 36030 | yes | 0.319 | 0.8 | 50 | 18 | 77 | 541 | 13 | |
| 64.20 | 64.70 | 36031 | yes | 1.3 | 5.8 | 35 | 626 | 76 | 5550 | 597 | |
| 64.70 | 66.00 | 36032 | | 0.045 | 0.7 | 46 | 11 | 75 | 296 | 13 | |
| 66.00 | 67.00 | 36033 | | 0.104 | 0.8 | 52 | 37 | 74 | 1290 | 29 | |
| 67.00 | 68.00 | 36034 | | 0.005 | 0.5 | 49 | 7 | 74 | 13 | 5 | |
| 68.00 | 69.00 | 36035 | | 0.021 | 0.5 | 49 | 7 | 73 | 93 | 6 | |
| 78.50 | 79.50 | 36036 | | 0.006 | <0.5 | 48 | 5 | 72 | 23 | 25 | |
| 81.50 | 82.50 | 36037 | yes | 0.13 | 1.9 | 93 | 133 | 71 | 889 | 40 | |
| 83.00 | 85.00 | 36038 | | 0.012 | 0.8 | 52 | 6 | 70 | 50 | 87 | |
| 85.00 | 87.00 | 36039 | | 0.007 | 1.2 | 66 | 6 | 69 | 24 | 38 | |
| 87.00 | 89.00 | 36040 | | 0.013 | 1 | 57 | 7 | 68 | 221 | 54 | |
| 89.00 | 91.00 | 36041 | | 0.013 | 0.8 | 65 | 2 | 67 | 72 | 44 | |
| 96.00 | 97.00 | 36042 | | 0.004 | 0.5 | 56 | 5 | 66 | 21 | <5 | |
| 97.00 | 98.00 | 36043 | | 0.007 | 0.6 | 57 | 2 | 65 | 8 | <5 | |
| 103.00 | 104.00 | 36044 | | 0.005 | 0.7 | 45 | 7 | 64 | 42 | <5 | |



DIAMOND DRILL LOG

| SAMPLE DATA | | | CHEMICAL DATA | | | | | | | | |
|-------------|--------|--------|-------------------|----------|----------|----------|----------|----------|----------|----------|------------------------------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | (mqq) gA | Cu (ppm) | (mqq) dA | (mqq) nZ | (wdd) sy | (mqq) dS | COMMENTS |
| 108.00 | 109.00 | 36045 | | 0.025 | 1.1 | 38 | 5 | 63 | 114 | 22 | |
| 113.00 | 114.00 | 36046 | | 0.017 | 0.9 | 57 | 7 | 62 | 37 | 10 | |
| 117.00 | 118.00 | 36047 | yes | 0.021 | 1 | 46 | 5 | 62 | 82 | 40 | |
| 121.30 | 121.80 | 36048 | yes | 0.009 | 0.6 | 46 | 6 | 61 | 27 | <5 | |
| 123.00 | 123.50 | 36049 | yes | 0.005 | 0.8 | 38 | 4 | 60 | 8 | 5 | |
| 131.00 | 132.00 | 36050 | | 0.004 | 0.5 | 29 | 5 | 59 | 10 | <5 | |
| 136.60 | 137.10 | 36051 | yes | 0.009 | 0.5 | 47 | 3 | 58 | 47 | <5 | |
| 142.00 | 143.00 | 36052 | | 0.013 | 0.9 | 44 | 6 | 57 | 13 | <5 | |
| 147.50 | 148.50 | 36053 | | 0.004 | 0.5 | 32 | 3 | 56 | 18 | <5 | |
| 153.00 | 154.00 | 36054 | | 0.004 | <0.5 | 27 | 4 | 55 | 12 | <5 | |
| 159.00 | 160.00 | 36055 | | 0.008 | 0.6 | 31 | 4 | 90 | 14 | <5 | |
| 164.40 | 164.90 | 36056 | | 0.006 | 0.5 | 36 | 4 | 109 | 9 | <5 | |
| 170.00 | 171.00 | 36057 | | 0.006 | 0.6 | 46 | 4 | 108 | 8 | <5 | |
| 176.00 | 177.00 | 36058 | | 0.003 | 0.8 | 54 | 9 | 153 | <5 | <5 | |
| 182.00 | 183.00 | 36059 | | 0.024 | 0.8 | 49 | 6 | 138 | <5 | <5 | |
| 188.00 | 189.00 | 36060 | | 0.003 | <0.5 | 35 | 4 | 103 | 8 | <5 | |
| 194.00 | 195.00 | 36061 | | 0.005 | 0.7 | 54 | 7 | 115 | <5 | <5 | |
| 201.00 | 202.00 | 36062 | | 0.003 | 0.6 | 42 | 4 | 115 | 5 | <5 | |
| 208.00 | 209.00 | 36063 | | 0.007 | 0.6 | 45 | 5 | 108 | <5 | <5 | |
| 214.00 | 215.00 | 36064 | | 0.003 | <0.5 | 40 | 8 | 108 | 11 | <5 | |
| 220.50 | 221.50 | 36065 | | 0.004 | <0.5 | 44 | 4 | 118 | <5 | <5 | |
| 226.00 | 227.00 | 36066 | | 0.005 | <0.5 | 46 | 5 | 155 | 7 | <5 | |
| 232.00 | 233.00 | 36067 | | 0.003 | <0.5 | 40 | 5 | 108 | 14 | <5 | |
| 238.00 | 239.00 | 36068 | yes | 0.003 | <0.5 | 46 | 3 | 102 | 5 | <5 | arsenopyrite in black shale? |
| 245.20 | 245.70 | 36069 | | 0.007 | <0.5 | 49 | 5 | 132 | 24 | 12 | |
| 250.50 | 251.50 | 36070 | | 0.007 | <0.5 | 40 | 10 | 131 | <5 | <5 | |
| 256.40 | 257.50 | 36071 | | 0.003 | <0.5 | 46 | 8 | 141 | <5 | <5 | |
| 263.00 | 263.50 | 36072 | | 0.005 | <0.5 | 50 | 5 | 132 | <5 | <5 | |
| 269.00 | 270.00 | 36073 | | 0.006 | <0.5 | 49 | 6 | 140 | <5 | <5 | |
| 273.50 | 274.00 | 36074 | | 0.005 | <0.5 | 46 | 7 | 127 | <5 | <5 | |
| 278.30 | 279.00 | 36075 | | 0.004 | <0.5 | 46 | 6 | 110 | <5 | <5 | |
| 283.50 | 284.50 | 36076 | | 0.005 | <0.5 | 44 | 4 | 118 | <5 | <5 | |
| 290.20 | 291.10 | 36077 | | 0.003 | <0.5 | 47 | 3 | 168 | <5 | <5 | |
| 295.00 | 296.00 | 36078 | | 0.003 | <0.5 | 34 | 2 | 99 | 8 | <5 | |

D10-1 Acid Test

| Depth | Dip |
|-------|-----|
| 2.1 | -75 |
| 96 | -76 |
| 196.6 | -76 |
| 297.2 | -74 |



| Eastin 399520 | STRIP Morthing 5554613.0 | LOG RL 1648.0 | Azimuth 270.0 | 0 -1 Dip -75.0 | Depth 297.3 |
|------------------|--------------------------------|---------------------|---|---|----------------|
| STRIP | | | | | |
| 1 | Geology | PAT | LABEL DRT SDST SHLE SKN SOIL | DESCF diorite sandsto shale skarn soil | RIPTION |
| 2 | Au_ppm | BAR P | LOT | | |
| 3 | Carbonate | BAR P | LOT | | |
| 4 | Chlorite | BAR P | LOT | | |



ESO Uranium Corp. Donna Gold Project Monashee Mountain, BC GPA - November 2010

ESO Uranium Corporation

Donna Gold Property Monashee Mountain, British Columbia

Drill Hole: D10-2

Location: Trench #5 & #3 Intersection UTM Coordinates: 399644E, 5554603N (Garmin GPS, NAD 83, Z11) Date: September 13th to 14th, 2010 Drill Contractor: Hardcore Drilling Diamond Drill Rig: CS-1000 Core Size: NQ Azimuth: 270 Dip: -75

Orientation Instrument: Acid Test Logged By: Garrett Ainsworth

* all units are in metres

EOH = 93.57 m

D10-2 Major Geology

| From: | То: | Rock Unit | Colour: | Grain Size: | Texture: | Composition: | Description: | | |
|-------|-------|------------|--|----------------|----------|---|--|--|--|
| 0.00 | 3.70 | Overburden | | | | | Overburden and sub-crop | | |
| 3.70 | 3.80 | Skarn | Cream to olive green to grey | fine | Banded | Calcite 10, Calc-Silicates 75, Chlorite 15, trace sulphides | ardness 6.5 rregular highly fractured sections. Voderate chloritization | | |
| 3.80 | 7.50 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 45, Hornblende 35, Quartz 5, Biotite 13, Magnetite 1, Calcite 1 trace to 10% sulphides | Hardness 5-6 Trace irregular highly fractured sections Sulphides consist of pyrite & pyrrhotite Occasional carbonate altered sections associated with more sulphides | | |
| 7.50 | 10.70 | Skarn | Cream to olive green to grey | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 15% sulphides | lardness 6.5 regular highly fractured sections. Ioderate chloritization Dccasional quartz veins with calcite and sulphides up to 40mm | | |
| 10.70 | 12.15 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 45, Biotite 13, Magnetite 1, Calcite 1 trace to 10% sulphides | Aardness 5-6 Dccasional quartz veins with calcite and sulphides up to 23 mm Sulphides are finely disseminated or < 2 mm stringers or < 7 mm pods Sulphides consist of pyrite & pyrrhotite Dccasional carbonate altered sections associated with more sulphides | | |
| 12.15 | 16.15 | Mafic Dyke | Dark grey to black | fine | Granite | Plagioclase 15, Hornblende 50, Biotite 15, Chlorite 15, Magnetite 3, trace to 3% sulphides | Hardness 2-3 Strongly chloritized mafic dyke? Sulphides consist of pyrite & pyrrhotite | | |
| 16.15 | 38.10 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 45, Biotite 13, Magnetite 1, Calcite 1 trace to 5% sulphides | Hardness 5-6 Occasional quartz veins with calcite and sulphides up to 23 mm Sulphides are finely disseminated or < 2 mm stringers or < 5 mm pods Sulphides consist of pyrite & pyrrhotite Occasional carbonate altered sections associated with more sulphides | | |
| 38.10 | 40.60 | Mafic Dyke | Dark grey to black | fine | Granite | Plagioclase 15, Hornblende 50, Biotite 15, Chlorite 15, Magnetite 3, trace to 2% sulphides | Hardness 2-3 Strongly chloritized mafic dyke? Sulphides consist of pyrite & pyrrhotite | | |
| 40.60 | 51.10 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 45, Biotite 13, Magnetite 1, Calcite 1 trace to 5% sulphides | Hardness 5-6 Occasional quartz veins with calcite and sulphides up to 23 mm Sulphides are finely disseminated or < 2 mm stringers or < 5 mm pods Sulphides consist of pyrite & pyrrhotite Occasional carbonate altered sections associated with more sulphides | | |
| 51.10 | 58.95 | Skarn | Cream light grey to purple to olive green | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 2% sulphides | Hardness 6.5 Moderate bleaching, weak chloritizatior Occasional quartz veins with calcite and sulphides up to 13 mm | | |
| 58.95 | 93.57 | Shale | Black to grey to light grey | fine | Banded | Detrital sediments 75, Calcite 25 trace pyrrhotite & pyrite | Hardness 4 Contains minor sandstone units that may represent turbidites (some fining upwards observed) X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common | | |

D10-2 Minor Geology

| From: | To: | Rock Unit | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|-----------|------------------------------|-------------|------------|---|--|
| 34.30 | 34.70 | Skarn | Cream to olive green to grey | fine | Banded | Calcite 10, Calc-Silicates 75, Chlorite 12, trace to 3% sulphides | Hardness 6.5 Moderate chloritization |
| 61.00 | 61.40 | Skarn | Light brown to grey | fine | Brecciated | Calcite 10, Calc-Silicates 90, trace sulphides | Hardness 5-6 |
| 64.50 | 65.40 | Skarn | Light grey to grey to cream | fine | Banded | Calcite 25, Calc-Silicates 75, trace sulphides | Hardness 6.5 Occasional quartz clots & stringers with trace sulphides and calcite |
| 73.40 | 74.15 | Skarn | Light grey to grey to cream | fine | Banded | Calcite 25, Calc-Silicates 75, trace to 30% sulphides | Hardness 5-6 |

EOH = 93.57 m

D10-2 Detailed Structure

| At: | Structure: | Angle: | Description: |
|-------------|-------------------|--------|--|
| 4-4.2 | Fractures | Ī | irregular highly fractured section and crushed rock |
| 4.4 | Vein | 45 | 30 mm quartz with up to 5% pyrite & pyrrhotite |
| 4.55-4.85 | Fractures | | irregular highly fractured section and crushed rock |
| 10.05-10.55 | Fractures | | irregular highly fractured section and crushed rock |
| 10.65 | Vein | 85 | 35 mm quartz with up to 5% pyrite & pyrrhotite |
| 10.75 | Vein | 90 | 40 mm quartz with up to 5% pyrite & pyrrhotite |
| 18.1 | Vein | 75 | 23 mm quartz with up to 5% pyrite & pyrrhotite |
| 19.55 | Vein | 60 | 11 mm quartz with up to 10% pyrrhotite |
| 20.35-20.45 | Clots & Stringers | | quartz with up to 5% pyrite & pyrrhotite, and trace calcite |
| 23.5-23.85 | Fractures | | irregular highly fractured section and crushed rock |
| 24.7-25.3 | Fractures | | irregular highly fractured section and crushed rock |
| 33.1 | Vein | 50 | 20 mm quartz with up to 5% pyrite & pyrrhotite |
| 36.95 | Vein | 80 | 34 mm quartz with up to 5% pyrite & pyrrhotite |
| 43.35-43.85 | Fractures | | irregular highly fractured section and crushed rock |
| 46.6-46.95 | Fractures | | irregular highly fractured section and crushed rock |
| 47.25 | Vein | | 25 mm quartz with up to 3% pyrite & pyrrhotite |
| 49.7-50.8 | Fractures | | irregular highly fractured section and crushed rock |
| 53.45 | Vein | 85 | 20 mm quartz with up to 2% pyrite & pyrrhotite |
| 59.1 | Gouge | | 100 mm of black clay and crushed black shale |
| 67.7-68 | Clots & Stringers | | offset irregular calcite stringers and clots with quartz and trace pyrite & pyrrhotite |
| 71.2-71.7 | Fractures | | irregular highly fractured section and crushed rock |
| 72.4-74.15 | Clots & Stringers | | dense offset irregular calcite stringers and clots with up to 30% sulphides |
| 74.15-74.4 | Fractures | | irregular highly fractured section and crushed rock |
| 80.3 | Vein | 85 | 80 mm calcite/quartz vein with brecciated black shale within |
| 86.6 | Vein | 85 | 50 mm calcite/quartz vein with brecciated black shale within |
| 88.9-89.15 | Fractures | | irregular highly fractured section and crushed rock |
| 90.2-92.35 | Fractures | | irregular highly fractured section and crushed rock |
| 93.1-93.25 | Stringers | | dense offset irregular calcite stringers up to 3 mm with up to 5% sulphides as blebs & stringers |

D10-2 Mineralization

| From: | To: | Mineralization: |
|-------|-------|--|
| 4.4 | 4.43 | 30 mm quartz with up to 5% pyrite & pyrrhotite |
| 7.5 | 9 | Up to 15% arsenopyrite, pyrite, pyrrhotite throughout skarn |
| 10.65 | 10.68 | 35 mm quartz with up to 5% pyrite & pyrrhotite |
| 10.75 | 10.79 | 40 mm quartz with up to 5% pyrite & pyrrhotite |
| 18.1 | 18.12 | 23 mm quartz with up to 5% pyrite & pyrrhotite |
| 19.54 | 19.55 | 11 mm quartz with up to 10% pyrrhotite |
| 20.35 | 20.45 | 100 mm section of quartz clots & stringers with up to 5% pyrite & pyrrhotite |
| 25.75 | 26.25 | Occasional quartz stringer < 5 mm with alteration halo and pyrite/pyrrhotite up to 3% |
| 33 | 33.3 | Occasional quartz stringer < 20 mm with alteration halo and pyrite/pyrrhotite up to 5% |
| 36.95 | 36.98 | 34 mm quartz with up to 5% pyrite & pyrrhotite |
| 41.9 | 42.1 | Occasional quartz < 2 mm with alteration halo and pyrite/pyrrhotite up to 3% |
| 45.05 | 45.08 | Occasional quartz < 4 mm with alteration halo and pyrite/pyrrhotite up to 3% |
| 45.5 | 45.55 | Occasional quartz < 2 mm with alteration halo and pyrite/pyrrhotite up to 3% |
| 47.25 | 47.28 | 25 mm quartz with up to 3% pyrite & pyrrhotite |
| 51.1 | 51.35 | 14 mm quartz with up to 2% pyrite & pyrrhotite - sulphides up to 4% over 250 mm halo |
| 53.45 | 53.47 | 20 mm quartz with up to 5% pyrite & pyrrhotite - sulphides up to 2% over 130 mm halo |
| 74 | 74.15 | 150 mm brecciated zone of black shale, calcite & quartz with up to 30% pyrite & pyrrhotite |
| 93.1 | 93.25 | 150 mm zone of calcite stringers with up to 5% pyrite & pyrrhotite |



DIAMOND DRILL LOG

| | CHEMICAL DATA | | | | | | | | | | |
|-------|---------------|--------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| FROM | то | SAMPLE | Sulphides > 5% | (mqq) uA | Ag (ppm) | Cu (ppm) | Pb (ppm) | (mqq) nZ | As (ppm) | Sb (ppm) | COMMENTS |
| 3.70 | 4.20 | 36079 | | 0.009 | <0.5 | 54 | 5 | 131 | 22 | <5 | |
| 4.20 | 4.70 | 36080 | yes | 0.005 | <0.5 | 95 | 6 | 68 | 71 | 7 | |
| 4.70 | 6.10 | 36081 | | 0.004 | <0.5 | 63 | 6 | 84 | 19 | <5 | |
| 6.10 | 7.50 | 36082 | | 0.003 | <0.5 | 42 | 6 | 82 | 12 | <5 | |
| 7.50 | 9.00 | 36083 | yes | 0.006 | <0.5 | 98 | 6 | 99 | 14 | 5 | |
| 9.00 | 10.50 | 36084 | | 0.003 | <0.5 | 56 | 4 | 158 | 10 | 11 | |
| 10.50 | 11.00 | 36085 | yes | 0.29 | 5.8 | 45 | 93 | 56 | 5710 | 60 | |
| 11.00 | 12.10 | 36086 | | 0.023 | <0.5 | 55 | 7 | 101 | 101 | 7 | |
| 12.10 | 14.10 | 36087 | | 0.006 | <0.5 | 19 | 8 | 87 | 9 | <5 | |
| 14.10 | 16.20 | 36088 | | 0.003 | <0.5 | 21 | 7 | 89 | 9 | <5 | |
| 16.20 | 17.90 | 36089 | | 0.004 | <0.5 | 56 | 5 | 120 | 13 | <5 | |
| 17.90 | 18.40 | 36090 | yes | 1.02 | 1.4 | 38 | 12 | 91 | 2810 | 13 | |
| 18.40 | 19.40 | 36091 | yes | 0.118 | <0.5 | 48 | 7 | 117 | 329 | <5 | |
| 19.40 | 20.50 | 36092 | yes | 0.257 | <0.5 | 44 | 29 | 134 | 1520 | 7 | |
| 24.75 | 25.75 | 36093 | | 0.006 | <0.5 | 53 | 5 | 96 | 5 | <5 | |
| 25.75 | 26.25 | 36094 | yes | 0.357 | 1.1 | 48 | 8 | 44 | 3540 | 19 | |
| 26.25 | 27.25 | 36095 | | 0.009 | <0.5 | 68 | 7 | 91 | 16 | <5 | |
| 27.25 | 29.25 | 36096 | | 0.013 | <0.5 | 55 | 6 | 88 | 80 | <5 | |
| 29.25 | 31.00 | 36097 | | 0.145 | <0.5 | 58 | 6 | 88 | 601 | 7 | |
| 31.00 | 31.50 | 36098 | yes | 0.037 | <0.5 | 52 | 20 | 97 | 510 | 6 | |
| 31.50 | 33.00 | 36099 | | 0.006 | <0.5 | 57 | 6 | 85 | 25 | <5 | |
| 33.00 | 33.50 | 36100 | yes | 1.145 | 2.7 | 47 | 27 | 74 | 4340 | 26 | |
| 33.50 | 35.00 | 36101 | | 0.011 | <0.5 | 45 | 9 | 92 | 49 | 5 | |
| 35.00 | 36.70 | 36102 | | 0.006 | <0.5 | 37 | 12 | 125 | 7 | <5 | |
| 36.70 | 37.20 | 36103 | yes | 0.265 | 1 | 35 | 22 | 87 | 1340 | 16 | |
| 37.20 | 38.10 | 36104 | | 0.041 | <0.5 | 38 | 13 | 82 | 88 | <5 | |
| 38.10 | 39.10 | 36105 | | 0.004 | <0.5 | 22 | 9 | 90 | 31 | <5 | |
| 40.80 | 41.30 | 36106 | | 0.003 | <0.5 | 35 | 8 | 94 | 8 | <5 | |
| 41.30 | 42.30 | 36107 | | 0.37 | <0.5 | 43 | 11 | 104 | 1340 | 7 | |
| 42.30 | 44.40 | 36108 | | 0.021 | <0.5 | 61 | 9 | 80 | 138 | <5 | |
| 44.40 | 45.60 | 36109 | yes | 0.06 | <0.5 | 72 | 10 | 82 | 456 | <5 | |
| 45.60 | 47.00 | 36110 | | 0.07 | <0.5 | 88 | 11 | 80 | 112 | <5 | |
| 47.00 | 47.50 | 36111 | yes | 0.868 | 1.9 | 81 | 17 | 79 | 1750 | 12 | |
| 47.50 | 49.50 | 36112 | | 0.009 | <0.5 | 87 | 11 | 72 | 18 | <5 | |
| 49.50 | 51.10 | 36113 | | 0.174 | <0.5 | 61 | 13 | 80 | 546 | <5 | |
| 51.10 | 51.60 | 36114 | yes | 0.506 | 2.5 | 26 | 16 | 303 | 1750 | 64 | |
| 51.60 | 53.20 | 36115 | | 0.038 | 4.7 | 60 | /66 | 126 | 213 | 43 | |
| 53.20 | 53.70 | 36116 | yes | 0.064 | 2.8 | 60 | 9 | 145 | 953 | 11 | |
| 53.70 | 55.00 | 36117 | | 0.011 | <0.5 | 68 | 8 | 142 | 15 | <5 | |
| 55.00 | 57.00 | 36118 | | 0.014 | <0.5 | 54 | 16 | 146 | 170 | <5 | |
| 57.00 | 59.00 | 36119 | | 0.174 | 0.9 | 44 | 21 | 137 | 1800 | 65 | |
| 59.00 | 59.50 | 36120 | | 0.049 | <0.5 | 51 | 8 | 115 | 839 | 81 | |
| 04.50 | 05.10 | 36121 | | 0.136 | 0.5 | 51 | 9 | /0 | 251 | <5 | |
| 73.40 | 74.80 | 36122 | yes | 0.382 | 8.2 | 61 | 522 | 109 | 555 | 167 | |



DIAMOND DRILL LOG

SAMPLE DATA CHEMICAL DATA Ag (ppm) Cu (ppm) Zn (ppm) (mqq) (mdd) Au (ppm) As (ppm) Sulphides COMMENTS SAMPLE FROM то > 5% B ß 81.00 82.00 36123 0.011 <0.5 44 7 120 37 10 86.90 87.40 10 36124 0.015 <0.5 66 166 28 23 92.90 93.40 36125 yes 0.009 <0.5 43 7 109 35 <5
D10-2 Acid Test

| Depth | Dip |
|-------|-----|
| 2.1 | -76 |
| 93.57 | -75 |



| Eastin 399644 | STRIF ng Northing 4.0 5554603 | P LOG 9 RL .0 1616.0 | Azimuth | 0-2 Dip -75.0 | Depth 93.6 |
|------------------|-------------------------------------|----------------------------|---|--|---------------|
| STRIP | | | | | |
| 1 | Geology | PAT | LABEL DRT MIRK SHLE SKN SOIL | DESCI diorite mafic in shale skarn soil | RIPTION |
| 2 | Au_ppm | BAR P | LOT | | |
| 3 | Carbonate | BAR P | LOT | | |
| 4 | Chlorite | BAR P | LOT | | |



ESO Uranium Corp. Donna Gold Project Monashee Mountain, BC GPA - November 2010

ESO Uranium Corporation

Donna Gold Property Monashee Mountain, British Columbia

Drill Hole: D10-3

Location: NW of Trench #5 & #3 Intersection UTM Coordinates: 399606E, 5554614N (Garmin GPS, NAD 83, Z11) Date: September 14th to 15th, 2010 Drill Contractor: Hardcore Drilling Diamond Drill Rig: CS-1000 Core Size: NQ Azimuth: 270 Dip: -75

Orientation Instrument: Acid Test Logged By: Garrett Ainsworth

* all units are in metres

EOH = 87.48 m

D10-3 Major Geology

| From: | To: | Rock Unit | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|------------|--|----------------|----------|---|--|
| 0.00 | 4.30 | Overburden | | | | | Overburden and sub-crop |
| 4.30 | 4.97 | Skarn | Grey to dark grey to cream to olive green | fine | Banded | Calcite 20, Calc-Silicates 75, Chlorite 5, trace sulphides | Hardness 5-6 Irregular highly fractured sections. Moderate chloritization |
| 4.97 | 6.55 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 45, Hornblende 35, Quartz 5, Biotite 13, Magnetite 1, Calcite 1 trace to 10% sulphides | Hardness 5-6 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Occasional carbonate altered sections associated with more sulphides Occasional calcite stringer up to 2 mm |
| 6.55 | 8.13 | Skarn | Olive green to cream to grey | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 2% sulphides | Hardness 4.5 Moderate chloritization and bleaching Occasional calcite stringer up to 2 mm Banding is typically 70-80 degrees from core angle |
| 8.13 | 54.72 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 45, Biotite 13, Magnetite 1, Calcite 1 trace to 10% sulphides | Hardness 5-6 Occasional quartz veins with calcite and sulphides up to 23 mm Sulphides are finely disseminated or < 2 mm stringers or < 7 mm pods Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Occasional carbonate altered sections associated with more sulphides |
| 54.72 | 61.90 | Skarn | Cream light grey to purple to olive green | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 1% sulphides | Hardness 5-6 Moderate bleaching and chloritization Purple bands are clearly garnets (grossular or andradite?) Banding is typically 70-80 degrees from core angle |
| 61.90 | 63.50 | Shale | Black to dark grey | fine | Massive | Detrital sediments 75, Calcite 25 trace to 30% pyrrhotite & pyrite | Hardness 3.5 X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common intermingling with skarn is evident |
| 63.50 | 65.90 | Skarn | Cream light grey to purple to olive green | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 1% sulphides | Hardness 5-6 Moderate bleaching and chloritization Purple bands are clearly garnets (grossular or andradite?) Banding is typically 70-80 degrees from core angle intermingling with black shale is evident |
| 65.90 | 87.48 | Shale | Black to dark grey to grey | fine | Banded | Detrital sediments 75, Calcite 25 trace pyrrhotite & pyrite | Hardness 3.5 Contains minor sandstone units that may represent turbidites (some fining upwards observed) X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common |

EOH = 87.48 m

D10-3 Minor Geology

| From: | To: | Rock Unit | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|-----------|--|-------------|------------|---|--|
| 10.15 | 10.30 | Skarn | Cream to olive green to grey | fine | Banded | Calcite 10, Calc-Silicates 75, Chlorite 12, trace to 2% sulphides | Hardness 5 Moderate chloritization |
| 11.80 | 12.05 | Skarn | Dark grey to olive green | fine | Brecciated | Calcite 10, Calc-Silicates 90, up to 20% pyrrhotite | Hardness 4 Moderate chloritization Dense calcite stringers < 1 mm |
| 14.55 | 14.90 | Skarn | Light grey to cream to purple | fine | Banded | Calcite 25, Calc-Silicates 75, up to 3% pyrrhotite | Hardness 6.5 Occasional quartz clots & stringers with trace sulphides and calcite |
| 37.40 | 38.15 | Skarn | Grey to cream to olive green to purple | fine | Brecciated | Calcite 15, Calc-Silicates 85, trace to 15% sulphides | Hardness 3.5 |
| 64.70 | 65.30 | Shale | Black to dark grey | fine | Massive | Detrital sediments 75, Calcite 25 trace to 30% pyrrhotite & pyrite | Hardness 3.5 |
| 69.05 | 69.55 | Skarn | Grey to cream to olive green to purple | fine | Brecciated | Calcite 25, Calc-Silicates 75, trace pyrrhotite | Hardness 2.5 |
| 78.35 | 79.15 | Skarn | Grey to cream to olive green | fine | Banded | Calcite 30, Calc-Silicates 70, trace pyrrhotite | Hardness 3.5 |
| 80.50 | 81.10 | Skarn | Grey to cream to olive green | fine | Banded | Calcite 30, Calc-Silicates 70, trace pyrrhotite | Hardness 3.5 Bands of black shale up to 60 mm |

EOH = 87.48 m

D10-3 Detailed Structure

| At: | Structure: | Angle: | Description: |
|-------------|-------------------|--------|---|
| 4.3-4.6 | Fractures | | irregular highly fractured section and crushed rock |
| 4.6-4.9 | Stringers | | quartz stringers up to 12 mm with up to 20% pyrite & pyrrhotite |
| 6.05 | Clot | | quartz clot up to 30 mm with up to 10% pyrrhotite |
| 6.55 | Vein | 45 | 11 mm quartz vein with up to 10% pyrite & pyrrhotite |
| 7.4 | Clot | | quartz clot up to 50 mm with up to 10% pyrrhotite |
| 9.5 | Vein | 65 | 3 mm quartz vein with up to 10% pyrite & pyrrhotite |
| 12 | Vein | 50 | 20 mm offset quartz vein with up to 30% pyrrhotite |
| 13.1 | Vein | 65 | 20 mm quartz vein with up to 60% pyrite |
| 13.4-13.6 | Fractures | | irregular highly fractured section and crushed rock |
| 15.65-15.85 | Fractures | | irregular highly fractured section and crushed rock |
| 16.65 | Clot | | 35 mm quartz clot with up to 10% pyrite and associated alteration halo |
| 16.8 | Vein | 90 | 5 mm quartz vein with up to 5% pyrite and associated alteration halo |
| 20.2 | Vein | 90 | 5 mm quartz vein with up to 5% pyrite and associated alteration halo |
| 21.05-21.2 | Clots & Stringers | | quartz with up to 5% pyrite & pyrrhotite, and trace calcite |
| 23.85-24.35 | Veins & Stringers | | up to 30 mm quartz veins with up to 5% pyrite, trace to some calcite |
| 26.5 | Vein | 70 | 10 mm quartz and calcite vein with up to 5% pyrite |
| 32.6-33.15 | Fractures | | irregular highly fractured section and crushed rock |
| 33.25-33.35 | Clot | | 100 mm quartz clot with up to 5% pyrite & pyrrhotite and associated alteration halo |
| 41.85 | Vein | 90 | 20 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 42.6-43.3 | Fractures | | irregular highly fractured section and crushed rock |
| 43.4 | Vein | 90 | 5 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 43.5-44.05 | Fractures | | irregular highly fractured section and crushed rock |
| 49.2 | Vein | 50 | 4 mm quartz vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration halo |
| 50.6 | Vein | 50 | 4 mm quartz vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration halo |
| 51.6 | Vein | | irregular offset quartz vein up to 35 mm with arsenopyrite, pyrite and associated alteration halo |
| 52 | Vein | 90 | 20 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 52.45 | Vein | 50 | 10 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 64.7-64.9 | Fractures | | irregular highly fractured section and crushed rock |
| 65.05-65.4 | Fractures | | irregular highly fractured section and crushed rock |
| 66.7-66.95 | Fractures | | irregular highly fractured section and crushed rock |
| 71-71.4 | Stringers | | dense offset irregular calcite stringers and clots < 2 mm |
| 72.6-72.95 | Fractures | | irregular highly fractured section and crushed rock |
| 79.15-79.9 | Stringers | | dense offset irregular calcite stringers and clots < 3 mm |
| 84.05-84.45 | Gouge | | fractures with up to 50 mm of black clay gouge |
| 86.4-86.45 | Gouge | | 50 mm black clay and crushed black shale gouge |
| 86.9-87.5 | Stringers | | dense offset irregular calcite stringers and clots < 3 mm, and sulphides up to 3% |

D10-3 Mineralization

| From: | To: | Mineralization: |
|-------|-------|---|
| 4.3 | 4.9 | quartz stringers up to 12 mm with up to 20% pyrite & pyrrhotite |
| 6.05 | 6.08 | quartz clot up to 30 mm with up to 10% pyrrhotite |
| 6.55 | 6.56 | 11 mm quartz vein with up to 10% pyrite & pyrrhotite |
| 7.4 | 7.45 | quartz clot up to 50 mm with up to 10% pyrrhotite |
| 9.5 | 9.51 | 3 mm quartz vein with up to 10% pyrite & pyrrhotite |
| 12 | 12.02 | 20 mm offset quartz vein with up to 30% pyrrhotite |
| 13.1 | 13.12 | 20 mm quartz vein with up to 60% pyrite |
| 16.65 | 16.69 | 35 mm quartz clot with up to 10% pyrite and associated alteration halo |
| 16.8 | 16.81 | 5 mm quartz vein with up to 5% pyrite and associated alteration halo |
| 20.2 | 20.21 | 5 mm quartz vein with up to 5% pyrite and associated alteration halo |
| 21.05 | 21.2 | quartz with up to 5% pyrite & pyrrhotite, and trace calcite |
| 23.85 | 24.35 | up to 30 mm quartz veins with up to 5% pyrite, trace to some calcite |
| 26.5 | 26.51 | 10 mm quartz and calcite vein with up to 5% pyrite |
| 33.25 | 33.35 | 100 mm quartz clot with up to 5% pyrite & pyrrhotite and associated alteration halo |
| 40.35 | 40.55 | quartz stringers up to 6 mm with up to 3% pyrite & arsenopyrite |
| 41.85 | 41.87 | 20 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 43.4 | 43.41 | 5 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 49.17 | 49.23 | 4 mm quartz vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration halo |
| 50.57 | 50.63 | 4 mm quartz vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration halo |
| 51.57 | 51.63 | irregular offset quartz vein up to 35 mm with arsenopyrite, pyrite and associated alteration halo |
| 52 | 52.02 | 20 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 52.42 | 52.48 | 10 mm quartz vein with up to 10% arsenopyrite, pyrite and associated alteration halo |
| 62.5 | 62.56 | 60 mm quartz and calcite stringers with up to 60% pyrite |
| 72.37 | 72.43 | 60 mm calcite stringer with up to 10% pyrite & pyrrhotite |
| 86.9 | 87.5 | pyrite & pyrrhotite up to 3% in brecciated black shale with dense calcite stringers |



DIAMOND DRILL LOG

| SAMPLE DATA | | | CHEMICAL DATA | | | | | | | | |
|-------------|-------|--------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| FROM | то | SAMPLE | SAMP DESC | Au (ppm) | (mqq) gA | Cu (ppm) | Pb (ppm) | (mqq) nZ | As (ppm) | (mqq) dS | COMMENTS |
| 4.30 | 4.90 | 36126 | yes | 0.198 | 2.5 | 65 | 65 | 74 | 1700 | 30 | |
| 5.75 | 6.25 | 36127 | yes | 0.004 | <0.5 | 27 | 27 | 83 | 20 | <5 | |
| 7.00 | 7.50 | 36128 | yes | 0.012 | <0.5 | 31 | 31 | 204 | 41 | 11 | |
| 9.25 | 9.75 | 36129 | yes | 0.155 | <0.5 | 62 | 62 | 109 | 1290 | <5 | |
| 11.80 | 12.30 | 36130 | yes | 0.01 | <0.5 | 81 | 81 | 105 | 11 | 12 | |
| 12.30 | 13.10 | 36131 | yes | 0.325 | 0.6 | 57 | 57 | 85 | 1710 | 23 | |
| 16.35 | 17.00 | 36132 | yes | 0.824 | 3 | 43 | 43 | 98 | 3210 | 20 | |
| 20.00 | 21.00 | 36133 | yes | 0.189 | <0.5 | 63 | 63 | 126 | 583 | <5 | |
| 21.00 | 22.00 | 36134 | yes | 0.768 | 1.1 | 57 | 57 | 102 | 1750 | 9 | |
| 23.85 | 24.35 | 36135 | yes | 0.564 | <0.5 | 53 | 53 | 83 | 3670 | 19 | |
| 26.25 | 26.75 | 36136 | yes | 0.097 | <0.5 | 69 | 69 | 106 | 601 | <5 | |
| 29.00 | 29.50 | 36137 | yes | 0.012 | <0.5 | 51 | 51 | 93 | 26 | <5 | |
| 31.25 | 31.75 | 36138 | yes | 0.201 | <0.5 | 38 | 38 | 109 | 1410 | <5 | |
| 33.00 | 33.50 | 36139 | yes | 0.455 | <0.5 | 27 | 27 | 80 | 7650 | 20 | |
| 37.40 | 38.10 | 36140 | yes | 0.006 | <0.5 | 38 | 38 | 95 | 13 | 128 | |
| 40.10 | 40.60 | 36141 | yes | 0.265 | 1.6 | 51 | 51 | 93 | 3460 | 30 | |
| 43.20 | 43.70 | 36142 | yes | 0.026 | <0.5 | 48 | 48 | 82 | 479 | 9 | |
| 47.20 | 47.70 | 36143 | | 0.014 | <0.5 | 39 | 39 | 94 | 48 | <5 | |
| 49.10 | 49.60 | 36144 | yes | 0.254 | <0.5 | 49 | 49 | 81 | 1470 | 7 | |
| 50.50 | 51.50 | 36145 | yes | 0.061 | <0.5 | 28 | 28 | 100 | 416 | <5 | |
| 51.50 | 52.50 | 36146 | yes | 0.314 | 0.8 | 27 | 27 | 94 | 2860 | 22 | |
| 54.50 | 55.00 | 36147 | | 0.017 | <0.5 | 72 | 72 | 118 | 29 | 18 | |
| 59.00 | 59.50 | 36148 | | 0.038 | <0.5 | 56 | 56 | 129 | 406 | <5 | |
| 61.50 | 62.40 | 36149 | | 0.023 | <0.5 | 51 | 51 | 136 | 141 | 14 | |
| 62.40 | 63.00 | 36150 | yes | 0.184 | 8.5 | 57 | 57 | 135 | 2370 | 37 | |
| 68.80 | 69.30 | 36151 | | 0.221 | 0.5 | 46 | 46 | 109 | 688 | 5 | |
| 72.40 | 72.90 | 36152 | | 0.015 | <0.5 | 59 | 59 | 110 | 44 | <5 | |
| 79.00 | 79.50 | 36153 | | 0.008 | <0.5 | 32 | 32 | 84 | 331 | <5 | |
| 80.50 | 81.20 | 36154 | | 0.005 | <0.5 | 43 | 43 | 116 | 19 | <5 | |
| 84.00 | 84.50 | 36155 | | 0.009 | <0.5 | 51 | 51 | 117 | 19 | 16 | |
| 86.90 | 87.50 | 36156 | yes | 0.019 | <0.5 | 48 | 48 | 124 | 68 | 49 | |

D10-3 Acid Test

| Depth | Dip |
|-------|-----|
| 2.1 | -76 |
| 87.48 | -74 |



| Eastin 399606 | STRIP Morthing 5554614.0 | LOG RL 1628.0 | Azimuth 270.0 | 0-3 Dip -75.0 | Depth 87.5 |
|------------------|--------------------------------|---------------------|-------------------------------------|--|---------------|
| STRIP | | | | | |
| 1 | Geology | PAT | LABEL DRT SHLE SKN SOIL | DESCF diorite shale skarn soil | RIPTION |
| 2 | Au_ppm | BAR P | LOT | | |
| 3 | Carbonate | BAR P | LOT | | |
| 4 | Chlorite | BAR P | LOT | | |



ESO Uranium Corp. Donna Gold Project Monashee Mountain, BC GPA - November 2010

ESO Uranium Corporation

Donna Gold Property

Monashee Mountain, British Columbia

Drill Hole: D10-4

Location: Trench #6 Coordinates: 399352E, 5554752N (Garmin GPS, NAD 83, Z11) Date: September 15th to 16th, 2010 Drill Contractor: Hardcore Drilling Diamond Drill Rig: CS-1000 Core Size: NQ Azimuth: 90 Dip: -60

Orientation Instrument: Acid Test Logged By: Garrett Ainsworth

* all units are in metres

EOH = 93.57 m

D10-4 Major Geology

| From: | То: | Rock Unit | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|------------|--|-------------------|----------|---|---|
| 0.00 | 6.40 | Overburden | | | | | Overburden and sub-crop |
| 6.40 | 20.25 | Skarn | Grey to dark grey to cream to olive green to purple | fine | Banded | Calcite 15, Calc-Silicates 75, Chlorite 10, trace sulphides to 50% sulphides | Hardness 6.5 Irregular highly fractured sections. Moderate chloritization & bleaching Quartz and calcite veins & stringers associated with sulphides Quartz veins up to 80mm |
| 20.25 | 24.23 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 35, Quartz 5, Sericite 5 Biotite 13, Magnetite 1, Calcite 1 trace to 10% sulphides | Hardness 4.5 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite, galena, stibnite Quartz and calcite veins & stringers associated with sulphides Moderately chloritized & weakly bleached in sections |
| 24.23 | 34.55 | Skarn | Grey to dark grey to cream to olive green to purple | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 20% sulphides | Hardness 5 Moderate chloritization and bleaching Purple bands are clearly garnets (grossular or andradite?) Banding is typically 70-80 degrees from core angle Quartz and calcite veins & stringers associated with sulphides Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite, galena, stibnite |
| 34.55 | 40.70 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 35, Hornblende 30, Biotite 10, Magnetite 1, Calcite 1, Chlorite 13, Sericite 10 trace to 10% sulphides | Hardness 4.5-5.5 Occasional quartz veins with calcite and sulphides up to 23 mm Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite, galena, stibnite Occasional carbonate altered sections associated with more sulphides Moderately chloritized & weakly bleached in sections |
| 40.70 | 64.25 | Skarn | Cream light grey to purple to olive green | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 30% sulphides | Hardness 5-6 Moderate bleaching and chloritization Purple bands are clearly garnets (grossular or andradite?) Banding is typically 70-80 degrees from core angle Occasional unaltered black shale bands |
| 64.25 | 77.20 | Sandstone | Light grey to grey to olive green | fine to medium | Massive | Detrital sediments 80, Calcite 15, Chlorite 5, trace pyrrhotite | Hardness 5-6 Grains deformed and preferentially orientated Weakly chloritized Occasional x-cutting calcite and quartz stringers Contains minor conglomerate units that may represent turbidites (some fining upwards observed) Occasional small sections are skarned |
| 77.20 | 93.57 | Shale | Black to dark grey | fine | Banded | Detrital sediments 75, Calcite 25 trace to 5% pyrrhotite & pyrite | Hardness 3.5 Contains minor sandstone units that may represent turbidites (some fining upwards observed) X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common |

EOH = 93.57 m

D10-4 Minor Geology

| From: | To: | Rock Unit | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|--------------|--|----------------|----------|---|---|
| 11.70 | 12.30 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 45, Hornblende 35, Quartz 5, Biotite 13, Magnetite 1, Calcite 1 trace to 3% sulphides | Hardness 4.5 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Occasional carbonate altered sections associated with more sulphides Occasional calcite stringer up to 2 mm Moderately chloritized & bleached in sections |
| 21.80 | 22.75 | Skarn | Grey to cream to olive green to purple | fine | Banded | Calcite 10, Calc-Silicates 90, up to 20% pyrrhotite | Hardness 4 Moderate chloritization Dense calcite stringers < 1 mm |
| 26.50 | 26.65 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 45, Hornblende 35, Quartz 5, Biotite 13, Magnetite 1, Calcite 1 trace to 3% sulphides | Hardness 4.5 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Occasional carbonate altered sections associated with more sulphides Occasional calcite stringer up to 2 mm Moderately chloritized & bleached in sections |
| 35.75 | 35.85 | Skarn | Grey to cream to olive green to purple | fine | Banded | Calcite 10, Calc-Silicates 90, trace pyrrhotite | Hardness 4.5 Moderate chloritization |
| 45.10 | 46.60 | Diorite | Grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 30, Sericite 13, Biotite 10, Quartz 5, Magnetite 1, Calcite 1, trace to 20% sulphides | Hardness 6 Weakly bleached Highest sulphide content is at contact with skarn |
| 60.25 | 60.55 | Shale | Black | fine | Massive | Detrital sediments 80, Calcite 20, trace to 2% pyrrhotite & pyrite | Hardness 5 |
| 68.25 | 69.50 | Conglomerate | Grey to white | coarse | Massive | Detrital sediments 80, Calcite 20, trace finely disseminated pyrrhotite | Hardness 5-6 Grains deformed and preferentially orientated - due to compaction? Grains up to 9 mm Occasional calcite stringers up to 1 mm |
| 86.35 | 87.15 | Sandstone | Grey to dark grey | fine to medium | Massive | Detrital sediments 70, Calcite 30, trace pyrrhotite | Hardness 5 fining upwards is observed |
| 88.65 | 89.10 | Sandstone | Grey to dark grey | fine to medium | Massive | Detrital sediments 70, Calcite 30, trace pyrrhotite | Hardness 5 |

EOH = 93.57 m

D10-4 Detailed Structure

| At: | Structure: | Angle: | Description: |
|-------------|-------------------|--------|---|
| 6.4-6.7 | Fractures | | irregular highly fractured section and crushed rock |
| 9.2 | Fracture | 70 | 4 mm sulphide coated fracture |
| 9.3 | Fracture | 80 | 4 mm sulphide coated fracture |
| 9.3-10.15 | Fractures | | irregular highly fractured section and crushed rock |
| 13.8-13.9 | Vein | 90 | 100 mm quartz vein with 5% pyrite, arsenopyrite |
| 14.35-14.4 | Vein | 80 | 50 mm quartz vein with 15% pyrite, arsenopyrite |
| 21.10-21.35 | Vein | 0 | 20 mm quartz vein with 15% pyrite, arsenopyrite, galena, stibnite |
| 27.55-27.6 | Vein | 75 | 50 mm quartz vein with 15% pyrite, arsenopyrite |
| 28 | Vein | 60 | 10 mm quartz vein with 10% pyrite, arsenopyrite |
| 34.8-35.25 | Fractures | | irregular highly fractured section and crushed rock |
| 36.35 | Clot | | irregular calcite clot up to 25 mm wide by 150 mm long |
| 37.3-38.25 | Fractures | | irregular highly fractured section and crushed rock |
| 38.85 | Vein | 80 | 3 mm quartz vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration halo |
| 39.1 | Vein | 85 | 5 mm quartz vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration halo |
| 39.94-40 | Clots | | irregular quartz clot with up to 10% pyrite, arsenopyrite and associated alteration halo |
| 40.25 | Vein | 75 | 5 mm quartz & calcite vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration ha |
| 40.35 | Vein | 75 | 4 mm quartz & calcite vein with up to 10% arsenopyrite, pyrite, pyrrhotite and associated alteration ha |
| 39.95-40.15 | Clots & Stringers | | irregular offset quartz with up to 15% arsenopyrite, pyrite and associated alteration halo |
| 46.45-46.55 | Clots & Stringers | | irregular offset quartz with up to 15% arsenopyrite, pyrite and associated alteration halo |
| 46.9-46.95 | Clot | | irregular quartz clot with up to 10% pyrite, arsenopyrite and associated alteration halo |
| 51.4-51.5 | Gouge | | 100 mm broken up skarn, clay, and pyrite |
| 51.75-51.9 | Gouge | | 150 mm broken up skarn and clay |
| 57.05 | Vein | 65 | 30 mm quartz vein with up to 5% arsenopyrite and associated alteration halo |
| 58.05 | Gouge | 90 | 10 mm grey clay and to gravel size skarn |
| 58.1-58.15 | Veins | 90 | two parallel 2 mm quartz veins with up to 15% pyrite, arsenopyrite and associated alteration halo |
| 59.5-59.55 | Vein | 90 | 50 mm quartz vein with up to 5% pyrite, arsenopyrite and associated alteration halo |
| 63-63.27 | Vein | | 270 mm brecciated quartz vein with up to 30% pyrite, arsenopyrite |
| 65.6-66 | Gouge | | 400 mm brecciated black shale with calcite stringers, and black clay and broken graphitic black shale |
| 71.9-72.15 | Clots & Stringers | | irregular offset quartz with no sulphides |
| 74.15-74.3 | Fractures | | irregular highly fractured section and crushed rock |
| 74.6-74.8 | Gouge | | 200 mm brecciated sandstone and grey clay |
| 77.4-77.5 | Gouge | | 100 mm black clay and crushed black shale |
| 78.95-79.35 | Brecciated | | intensely brecciated - almost to the point of being gouge |
| 80.3-80.75 | Stringers | | dense irregular calcite stringers with up to 2% pyrite, pyrrhotite |
| 83.95-84.05 | Stringers | | dense irregular calcite and quartz stringers |
| 84.75-84.85 | Stringers | | dense irregular calcite and quartz stringers |
| 89-89.3 | Stringers | | dense irregular calcite stringers with up to 2% pyrite, pyrrhotite |
| 89.9-90 | Stringers | | dense irregular calcite and quartz stringers with up to 3% pyrite, pyrrhotite |
| 91.1-91.2 | Stringers | | dense irregular calcite stringers with up to 2% pyrite, pyrrhotite |

D10-4 Mineralization

| From: | To: | Mineralization: |
|-------|-------|---|
| 12.4 | 12.65 | quartz stringers with up to 15% pyrite, arsenopyrite as stringers & blebs < 3 mm |
| 13.2 | 15.2 | up to 50% pyrite, pyrrhotite, arsenopyrite as stringers, blebs, & finely disseminated |
| 13.8 | 13.9 | 100 mm quartz vein with 5% pyrite, arsenopyrite |
| 14.35 | 14.4 | 50 mm quartz vein with 15% pyrite, arsenopyrite |
| 18.2 | 18.21 | 2 mm quartz vein with up to 5% pyrite, arsenopyrite and associated alteration halo |
| 20.25 | 20.26 | 2 mm quartz vein with up to 5% pyrite, arsenopyrite and associated alteration halo |
| 20.9 | 20.93 | 30 mm quartz clot with up to 5% pyrite, arsenopyrite and associated alteration halo |
| 21.1 | 21.35 | 20 mm quartz vein with 15% pyrite, arsenopyrite |
| 22.15 | 22.45 | up to 15% pyrite, pyrrhotite, arsenopyrite with quartz stringers and clots |
| 24.35 | 24.55 | up to 5% pyrite, pyrrhotite, arsenopyrite with associated with carbonate |
| 25.45 | 25.47 | 200 mm quartz stringers with up to 20% pyrite, pyrrhotite, & arsenopyrite |
| 26.35 | 26.95 | up to 20% pyrite, pyrrhotite, arsenopyrite, galena with quartz stringers and clots |
| 27.55 | 27.6 | 50 mm quartz vein with 15% pyrite, arsenopyrite |
| 27.6 | 28.7 | up to 30% pyrite, arsenopyrite, galena, stibnite associated with multiple quartz stringers & brecciated host rock |
| 29.1 | 29.5 | up to 20% pyrite, pyrrhotite as < 3 mm stringers & blebs in black shale within skarn unit |
| 38.85 | 40.7 | up to 15% pyrite, pyrrhotite, arsenopyrite with quartz stringers and clots, and finely disseminated |
| 46.45 | 46.55 | irregular offset quartz with up to 15% arsenopyrite, pyrite and associated alteration halo |
| 46.9 | 49.95 | irregular quartz clot with up to 10% pyrite, arsenopyrite and associated alteration halo |
| 57.05 | 57.08 | 30 mm quartz vein with up to 5% arsenopyrite and associated alteration halo |
| 58.1 | 58.15 | two parallel 2 mm quartz veins with up to 15% pyrite, arsenopyrite and associated alteration halo |
| 59.5 | 59.55 | 50 mm quartz vein with up to 5% pyrite, arsenopyrite and associated alteration halo |
| 63 | 63.27 | 270 mm brecciated quartz vein with up to 30% pyrite, arsenopyrite |
| 63.65 | 63.7 | up to 30% pyrite associated with brecciated skarn above contact with sandstone |
| 80.3 | 80.75 | dense irregular calcite stringers with up to 2% pyrite, pyrrhotite |
| 89 | 89.3 | dense irregular calcite stringers with up to 2% pyrite, pyrrhotite |
| 89.9 | 90 | dense irregular calcite and quartz stringers with up to 3% pyrite, pyrrhotite |
| 91.1 | 91.2 | dense irregular calcite stringers with up to 2% pyrite, pyrrhotite |



DIAMOND DRILL LOG

| SAMPLE DATA | | | CHEMICAL DATA | | | | | | | | |
|----------------|-------|--------|-------------------|----------|----------|-----------|----------|-----------|-------------|----------|-----------------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | Ag (ppm) | Cu (ppm) | Pb (ppm) | (mqq) nZ | As (ppm) | Sb (ppm) | COMMENTS |
| 8.00 | 9.00 | 36157 | | 0.018 | <0.5 | 65 | 105 | 247 | 130 | 21 | |
| 9.00 | 9.50 | 36158 | yes | 0.048 | 4.6 | 57 | 28 | 92 | 499 | 52 | |
| 11.70 | 13.00 | 36159 | | 0.137 | 0.9 | 49 | 9 | 84 | 794 | 12 | |
| 13.00 | 14.00 | 36160 | yes | 0.291 | 1.5 | 31 | 11 | 44 | 2500 | 16 | |
| 14.00 | 14.80 | 36161 | yes | 1.775 | 5.5 | 37 | 87 | 63 | >10000 | 48 | |
| 14.80 | 15.30 | 36162 | yes | 19.35 | 287 | 426 | 2270 | 985 | >10000 | 844 | 50% sulphides |
| 15.30 | 17.00 | 36163 | | 0.058 | 4.5 | 48 | 84 | 324 | 322 | 32 | |
| 17.00 | 18.50 | 36164 | | 0.018 | <0.5 | 38 | 8 | 106 | 109 | <5 | |
| 18.50 | 19.00 | 36165 | yes | 0.162 | 0.5 | 81 | 14 | 100 | 1310 | <5 | |
| 19.00 | 20.00 | 36166 | | 0.012 | <0.5 | 29 | 5 | 106 | 135 | 8 | |
| 20.00 | 20.50 | 36167 | yes | 0.125 | 0.8 | 52 | 13 | 101 | 1850 | 8 | |
| 20.50 | 21.00 | 36168 | yes | 0.167 | 1.2 | 46 | 30 | 96 | 4090 | 12 | |
| 21.00 | 21.50 | 36169 | yes | 0.013 | <0.5 | 49 | 7 | 40 | 14 | <5 | |
| 21.50 | 22.75 | 36170 | yes | 0.129 | <0.5 | 46 | 4 | 66 | 806 | 8 | |
| 22.75 | 24.25 | 36171 | yes | 0.007 | <0.5 | 47 | 4 | 111 | 15 | <5 | |
| 24.25 | 26.35 | 36172 | | 0.106 | 4.1 | 47 | 42 | 127 | 1525 | 18 | |
| 26.35 | 27.00 | 36173 | yes | 0.335 | 143 | 236 | 2500 | 207 | 682 | 285 | includes galena |
| 27.00 | 27.60 | 36174 | yes | 0.32 | 112 | 167 | 927 | 133 | 3660 | 197 | |
| 27.60 | 28.10 | 36175 | yes | 0.425 | 6.1 | 23 | 124 | 152 | 7710 | 60 | |
| 28.10 | 28.60 | 36176 | yes | 1.23 | 39.6 | 52 | 1465 | 49 | >10000 | 250 | |
| 28.60 | 29.60 | 36177 | yes | 0.033 | 3 | 119 | 73 | 179 | 123 | 26 | |
| 29.60 | 31.00 | 36178 | | 0.009 | 0.5 | 38 | 9 | 103 | 24 | <5 | |
| 31.00 | 33.00 | 36179 | | 0.024 | 0.5 | 40 | 6 | 81 | 130 | 10 | |
| 33.00 | 34.50 | 36180 | | 0.037 | 0.6 | 53 | 8 | 80 | 170 | 8 | |
| 34.50 | 35.60 | 36181 | | 0.014 | <0.5 | 54 | 4 | 36 | 11 | <5 | |
| 35.60 | 37.00 | 36182 | | 0.082 | 1.5 | 60 | 14 | 37 | 242 | 8 | |
| 37.00 | 38.70 | 36183 | | 0.199 | 0.8 | 79 | 10 | 40 | 543 | <5 | |
| 38.70 | 39.70 | 36184 | yes | 0.123 | 1.4 | 68 | 15 | 45 | 5430 | 19 | |
| 39.70 | 40.70 | 36185 | yes | 0.191 | 0.7 | 46 | 10 | 47 | 3220 | 29 | |
| 40.70 | 42.00 | 36186 | yes | 0.659 | 0.7 | 21 | 13 | 51 | >10000 | 37 | |
| 42.00 | 42.50 | 36187 | | 0.014 | <0.5 | 49 | 7 | 101 | 881 | 6 | |
| 44.60 | 45.10 | 36188 | yes | 0.009 | 0.5 | 58 | 3 | 71 | 26 | 6 | |
| 45.10 | 46.70 | 36189 | yes | 0.007 | 0.5 | 104 | 4 | 38 | 66 | <5 | |
| 46.70 | 47.20 | 36190 | yes | 0.013 | <0.5 | 56 | 5 | 84 | 134 | 6 | |
| 49.80 | 50.30 | 36191 | yes | 0.046 | <0.5 | 60 | 3 | 128 | 528 | <5 | |
| 51.50 | 52.00 | 36192 | yes | 0.016 | 0.5 | 51 | 9 | 105 | 412 | 21 | |
| 57.00 | 57.00 | 36193 | yes | 0.113 | <0.5 | 39 | 0 C | 11 | 029 | 5 | |
| 57.90 | 50.40 | 36194 | yes | 0.039 | 0.5 | 30 | 0 C | 01 101 | 016 670 | 16 | |
| 09.30 60.70 | 09.80 | 36195 | yes | 0.066 | <0.5 | 31 | 0 | 101 | ٥/٥ 7000 | 5 | |
| 02.70 | 03.30 | 36196 | yes | 3.57 | 25.3 | 48 45 | 1005 | 98 | 7980 | 151 | |
| 03.30 | 04.30 | 36197 | yes | 0.173 | 0.7 | 45 | 112 | 290 | 713 | 49 | |
| 05.30 | 00.00 | 36198 | yes | 0.172 | 00 | 119 FC | 89 | 200 | 3/9 | 18 | |
| 74.00 | 75.00 | 30199 | | 0.021 | <0.5 | 55 | 11 | 117 | 20 | <5 | |
| 74.00 | 75.00 | 36200 | | 0.008 | 1.5 | 40 | <2 | 89 | 25 | <5 | |



DIAMOND DRILL LOG

| | CHEMICAL DATA | | | | | | | | | | |
|-------|---------------|--------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | (mqq) gA | Cu (ppm) | Pb (ppm) | Zn (ppm) | (mqq) sA | (mqq) dS | COMMENTS |
| 77.00 | 77.80 | 36201 | | 0.008 | 2.4 | 103 | 6 | 201 | 31 | 5 | |
| 80.25 | 80.75 | 36202 | yes | 0.006 | 1.3 | 30 | <2 | 78 | 12 | <5 | |
| 88.90 | 89.40 | 36203 | yes | 0.009 | 1.1 | 51 | 3 | 136 | 17 | <5 | |
| 89.90 | 90.50 | 36204 | yes | 0.01 | 1.4 | 44 | 2 | 124 | 13 | <5 | |
| 90.90 | 91.40 | 36205 | yes | 0.002 | 1.3 | 22 | <2 | 78 | 155 | 11 | |

D10-4 Acid Test

| Depth | Dip |
|-------|-----|
| 2.1 | -61 |
| 93.57 | -64 |



| Eastin 399352 | STRIP Morthing 5554752.0 | LOG RL 1655.0 | Azimuth 90.0 | 0-4 Dip -60.0 | Depth 93.6 |
|------------------|--------------------------------|---------------------|---|--|---------------|
| STRIP | | | | | |
| 1 | Geology | PAT | LABEL DRT SDST SHLE SKN SOIL | DESCF diorite sandst shale skarn soil | RIPTION |
| 2 | Au_ppm | BAR P | LOT | | |
| 3 | Carbonate | BAR P | LOT | | |
| 4 | Chlorite | BAR P | LOT | | |



ESO Uranium Corp. Donna Gold Project Monashee Mountain, BC GPA - November 2010

ESO Uranium Corporation

Donna Gold Property

Monashee Mountain, British Columbia

Drill Hole: D10-5

Location: South of Trench #6 UTM Coordinates: 399450E, 5554684N (Garmin GPS, NAD 83, Z11) Date: September 16th to 17th, 2010 Drill Contractor: Hardcore Drilling Diamond Drill Rig: CS-1000 Core Size: NQ Azimuth: 90 Dip: -60

Orientation Instrument: Acid Test Logged By: Garrett Ainsworth

* all units are in metres

EOH = 90.53 m

D10-5 Major Geology

| From: | То: | Rock Unit | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|------------|---|-------------------|----------|--|---|
| 0.00 | 4.30 | Overburden | | | | | Overburden and sub-crop |
| 4.30 | 17.33 | Skarn | Grey to dark grey to cream to olive green to purple | fine | Banded | Calcite 15, Calc-Silicates 75, Chlorite 10, trace sulphides to 2% sulphides | Hardness 4-5 Irregular highly fractured sections. Moderate chloritization & bleaching Quartz and calcite veins & stringers associated with sulphides |
| 17.33 | 43.58 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 38, Hornblende 32, Quartz 5, Sericite 5, Chlorite 5 Biotite 13, Magnetite 1, Calcite 1 trace to 20% sulphides | Hardness 4.5 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Quartz and calcite veins & stringers associated with sulphide alteration halo: Moderately chloritized & weakly bleached in sections |
| 43.58 | 52.55 | Skarn | Grey to dark grey to cream to olive green to purple | fine | Banded | Calcite 20, Calc-Silicates 60, Detrital sediments 15, Chlorite 5, trace to 5% sulphides | Hardness 5 Weak chloritization and bleaching Banding is typically 70-80 degrees from core angle Quartz and calcite veins & stringers associated with sulphides Sulphides consist of pyrite & pyrrhotite Sediments are not intensely skarnec |
| 52.55 | 62.23 | Sandstone | Light grey to grey to olive green | fine to medium | Massive | Detrital sediments 80, Calcite 15, Chlorite 5, trace pyrrhotite | Hardness 5-6 Grains deformed and preferentially orientatec Weakly chloritized Occasional x-cutting calcite and quartz stringers Contains minor conglomerate units that may represen turbidites (some fining upwards observed) Frequent small sections are skarned |
| 62.23 | 69.20 | Skarn | Cream light grey to purple to olive green | fine | Banded | Calcite 15, Calc-Silicates 70, Chlorite 15, trace to 10% sulphides | Hardness 5-6 Moderate bleaching and chloritization Purple bands are clearly garnets (grossular or andradite?) Banding is typically 70-80 degrees from core angle Occasional unaltered black shale bands |
| 69.20 | 70.70 | Diorite | Grey to cloudy white | medium | Granite | Plagioclase 43, Hornblende 35, Sericite 5, Biotite 10, Quartz 5 Magnetite 1, Calcite 1, trace to 1% pyrrhotite & pyrite | Hardness 5.5 Weakly bleached Highest sulphide content is at contact with skarr |
| 70.70 | 72.60 | Skarn | Cream light grey to purple | fine | Banded | Calcite 25, Calc-Silicates 75, trace pyrrhotite | Hardness 5-6 Moderate bleaching, weak chloritizatior Purple bands are clearly garnets (grossular or andradite?) Banding is typically 70-80 degrees from core angle |
| 72.60 | 78.50 | Sandstone | Light grey to grey to olive green | fine to medium | Massive | Detrital sediments 80, Calcite 15, Chlorite 5, trace pyrrhotite | Hardness 5-6 Grains deformed and preferentially orientatec Weakly chloritized Occasional x-cutting calcite and quartz stringers Contains minor conglomerate units that may represen turbidites (some fining upwards observed) Occasional small sections are skarnec |
| 78.50 | 90.53 | Shale | Black to dark grey | fine | Banded | Detrital sediments 75, Calcite 25 trace to 5% pyrrhotite & pyrite | Hardness 4 Contains minor sandstone units that may represen turbidites (some fining upwards observed) X-cutting pervasive calcite stringers and veins, occasional quartz veins Varying percentages of carbonate throughout sequence graphite coated fractures common |

D10-5 Minor Geology

| From: | To: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|------------|--|-------------|------------|--|--|
| 12.76 | 13.60 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 45, Hornblende 35, Quartz 5, Biotite 13, Magnetite 1, Calcite 1 trace to 2% sulphides | Hardness 4.5 Sulphides consist of pyrite & pyrrhotite - lesser arsenopyrite Moderately chloritized & bleached in sections |
| 14.30 | 14.70 | Diorite | Grey to dark grey to cloudy white | medium | Granite | Plagioclase 40, Hornblende 30, Quartz 10, Chlorite 5, Sericite 5, Biotite 5, Magnetite 2, trace to 3% sulphides | Hardness 4 |
| 19.20 | 19.55 | Skarn | Grey to cream to olive green to purple | fine | Banded | Calcite 10, Calc-Silicates 90, up to 10% pyrrhotite | Hardness 4 Moderate chloritization & bleaching |
| 53.20 | 53.80 | Skarn | Grey to cream to olive green to purple | fine | Brecciated | Calcite 10, Calc-Silicates 90, trace pyrrhotite | Hardness 4.5 Moderate chloritization |
| 58.50 | 59.00 | Skarn | Grey to cream to olive green to purple | fine | Banded | Calcite 10, Calc-Silicates 90, trace pyrrhotite | Hardness 4.5 Moderate chloritization |

EOH = 90.53 m

D10-5 Detailed Structure

| At: | Structure: | Angle: | Description: |
|-------------|-------------------|--------|--|
| 6.1-6.3 | Fractures | | irregular highly fractured section and crushed rock |
| 9.6-9.85 | Clot | | irregular brecciated quartz clot with up to 2% pyrite |
| 14.7-14.9 | Clot | | irregular brecciated quartz clot with up to 2% pyrite at skarn/diorite contact |
| 18.6-18.9 | Fractures | | irregular highly fractured section and crushed rock |
| 19-19.25 | Clots & Stringers | | irregular offset quartz with up to 15% arsenopyrite, pyrite at skarn/diorite contact |
| 20-20.1 | Clots & Stringers | | irregular offset quartz with up to 10% pyrite, pyrrhotite, arsenopyrite, galena |
| 21.4 | Vein | | offset 10 mm quartz vein with up to 10% pyrite, pyrrhotite, arsenopyrite and associated alteration halo |
| 21.55 | Vein | 60 | offset 8 mm quartz vein with up to 10% pyrite, pyrrhotite, arsenopyrite and associated alteration halo |
| 23.4-23.41 | Vein | 85 | 10 mm quartz vein with up to 15% pyrite, arsenopyrite, pyrrhotite and associated alteration halo |
| 24.55-24.6 | Vein | 85 | 50 mm quartz vein with up to 10% pyrite, pyrrhotite and associated alteration halo |
| 26.4-26.44 | Vein | 90 | 40 mm irregular quartz vein with pyrite, pyrrhotite, arsenopyrite up to 15% |
| 27.2-27.45 | Clots & Stringers | | irregular quartz clots cross cut by 3 mm calcite stringers with sulphides up to 5% |
| 28-28.2 | Stringers | | irregular quartz stringers up to 10 mm with up to 15% pyrite, pyrrhotite |
| 28.45-28.48 | Vein | 90 | 30 mm quartz vein with up to 20% pyrite, pyrrhotite, arsenopyrite and associated alteration halo |
| 28.75-28.9 | Clots & Stringers | | irregular quartz clots & stringers up to 12 mm with up to 20% pyrite, pyrrhotite, arsenopyrite and alteration halo |
| 30.14-30.16 | Vein | 85 | 20 mm quartz vein with up to 20% pyrite, pyrrhotite and associated alteration halo |
| 31.1-31.6 | Stringers | | irregular brecciated quartz stringers up to 14 mm with up to 20% pyrite, pyrrhotite with alteration halo |
| 33.7-33.71 | Vein | 90 | 5 mm quartz vein with up to 15% pyrite, pyrrhotite and associated alteration halo |
| 33.8-33.9 | Vein | 90 | 100 mm brecciated vein with up to 20% pyrite, pyrrhotite and associated alteration halo |
| 34.3-34.4 | Stringers | 90 | two parallel 2-3 mm quartz stringers with up to 10% pyrite, pyrrhotite |
| 39.11-39.13 | Vein | 80 | 20 mm quartz vein with up to 20% pyrite, pyrrhotite, arsenopyrite |
| 39.25-39.7 | Clots & Stringers | | brecciated clots & stringers with up to 25% pyrite, pyrrhotite, arsenopyrite, galena |
| 41.8 | Vein | 85 | 5 mm quartz vein with up to 15% pyrite, pyrrhotite and associated alteration halo |
| 42.6 | Vein | 90 | 7 mm irregular quartz vein up to 15% pyrite, pyrrhotite, arsenopyrite, and associated alteration halo |
| 43.3-43.4 | Vein | 75 | 100 mm quartz with calcite vein and up to 20% pyrite, pyrrhotite, arsenopyrite, galena and alteration halo |
| 46-46.15 | Gouge | 90 | 150 mm black clay and crushed black shale |
| 59-59.4 | Fractures | | irregular highly fractured section and crushed rock |
| 69.7-70.7 | Fractures | | irregular highly fractured section and crushed rock |
| 72-72.65 | Clots & Stringers | | irregular, brecciated clots and stringers up to 44 mm - trace pyrrhotite |
| 79.4-79.55 | Stringers | | dense irregular calcite and quartz stringers |
| 80.15-80.5 | Fractures | | irregular highly fractured section and crushed rock |
| 85.3 | Gouge | 85 | 2 parallel fractures with < 2 mm black clay and crushed black shale |
| 86.1-86.11 | Vein | 80 | 5 mm calcite vein that has been offset by about 2 mm |
| 86.25-86.95 | Fractures | | irregular highly fractured section and crushed rock |
| 87.3-87.31 | Vein | 90 | 5 mm calcite vein |

D10-5 Mineralization

| From: | To: | Mineralization: |
|-------|-------|---|
| 9.6 | 9.85 | irregular brecciated quartz clot with up to 2% pyrite |
| 14.7 | 14.85 | irregular brecciated quartz clot with up to 2% pyrite at skarn/diorite contact |
| 17.7 | 17.85 | irregular offset sulphide stringers < 2 mm, and < 4 mm blebs up to 5% |
| 19 | 19.25 | irregular offset quartz with up to 15% arsenopyrite, pyrite at skarn/diorite contact |
| 20 | 20.1 | irregular offset quartz with up to 10% pyrite, pyrrhotite, arsenopyrite, galena |
| 21.4 | 21.41 | offset 10 mm quartz vein with up to 10% pyrite, pyrrhotite, arsenopyrite and associated alteration halo |
| 21.55 | 21.56 | offset 8 mm quartz vein with up to 10% pyrite, pyrrhotite, arsenopyrite and associated alteration halo |
| 21.6 | 21.95 | brecciated quartz/diorite section with up to 20% pyrite, pyrrhotite |
| 23.4 | 23.41 | 10 mm quartz vein with up to 15% pyrite, arsenopyrite, pyrrhotite and associated alteration halo |
| 24.55 | 24.6 | 50 mm quartz vein with up to 10% pyrite, pyrrhotite and associated alteration halo |
| 23.9 | 24.1 | brecciated quartz/diorite section with up to 10% pyrite, pyrrhotite |
| 25.7 | 26.1 | carbonate rich alteration halo with small quartz clots and sulphides up to 10% as stringers/blebs |
| 26.4 | 26.44 | 40 mm irregular quartz vein with pyrite, pyrrhotite, arsenopyrite up to 15% |
| 27.2 | 27.45 | irregular quartz clots cross cut by 3 mm calcite stringers with sulphides up to 5% |
| 28 | 28.2 | irregular quartz stringers up to 10 mm with up to 15% pyrite, pyrrhotite |
| 28.45 | 28.48 | 30 mm quartz vein with up to 20% pyrite, pyrrhotite, arsenopyrite and associated alteration halo |
| 28.75 | 28.9 | irregular quartz clots & stringers up to 12 mm with up to 20% pyrite, pyrrhotite, arsenopyrite and alteration halo |
| 30.14 | 30.16 | 20 mm quartz vein with up to 20% pyrite, pyrrhotite and associated alteration halo |
| 31.1 | 31.6 | irregular brecciated quartz stringers up to 14 mm with up to 20% pyrite, pyrrhotite with alteration halo |
| 33.7 | 33.71 | 5 mm quartz vein with up to 15% pyrite, pyrrhotite and associated alteration halo |
| 33.8 | 33.9 | 100 mm brecciated vein with up to 20% pyrite, pyrrhotite and associated alteration halo |
| 34.3 | 34.4 | two parallel 2-3 mm quartz stringers with up to 10% pyrite, pyrrhotite |
| 35.9 | 35.92 | 20 mm quartz vein with up to 10% pyrite, pyrrhotite |
| 37.1 | 40.3 | sulphides up to 30% as < 1 mm stringers, blebs, and in quartz clots & stringers |
| 41.8 | 41.81 | 5 mm quartz vein with up to 15% pyrite, pyrrhotite and associated alteration halo |
| 42.6 | 42.61 | 7 mm irregular quartz vein up to 15% pyrite, pyrrhotite, arsenopyrite, and associated alteration halo |
| 42.9 | 43.7 | sulphides up to 25% as < 1 mm stringers, blebs, and in quartz clots & stringers - associated carbonate-rich alteration halo |
| 52.4 | 52.8 | up to 10% sulphides as < 3 mm stringers, blebs, and finely disseminated in black shale/chloritized skarn |



DIAMOND DRILL LOG

010-0

| | SAMPLE DATA | | | | | CHE | | | | | |
|-------|-------------|--------|-------------------|----------|----------|----------|----------|----------|----------|----------|---------------------------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | Ag (ppm) | Cu (ppm) | Pb (ppm) | (mqq) nZ | As (ppm) | (mqq) dS | COMMENTS |
| 4.30 | 5.00 | 36206 | | 0.012 | 3.5 | 45 | 12 | 81 | 1685 | 13 | |
| 9.35 | 9.85 | 36207 | yes | 0.162 | 3.5 | 44 | 12 | 80 | 1635 | 11 | |
| 12.50 | 13.00 | 36208 | yes | 0.003 | 1.4 | 35 | 4 | 84 | 33 | <5 | |
| 14.35 | 14.85 | 36209 | yes | 0.187 | 0.9 | 40 | <2 | 359 | 483 | <5 | |
| 15.65 | 16.15 | 36210 | yes | 0.51 | 2.2 | 49 | 2 | 64 | 2590 | 6 | |
| 17.60 | 18.10 | 36211 | yes | 0.193 | 1.4 | 57 | 8 | 67 | 899 | <5 | |
| 18.90 | 19.40 | 36212 | yes | 0.026 | 0.9 | 25 | <2 | 56 | 1510 | 6 | |
| 19.70 | 20.20 | 36213 | yes | 0.153 | 1.4 | 34 | 4 | 85 | 2540 | <5 | |
| 21.35 | 21.95 | 36214 | yes | 0.078 | 1.5 | 45 | 5 | 74 | 403 | 15 | |
| 23.40 | 24.10 | 36215 | yes | 0.231 | 1.9 | 38 | 6 | 88 | 1225 | <5 | |
| 25.70 | 26.45 | 36216 | yes | 0.159 | 1.7 | 52 | 4 | 102 | 666 | 5 | |
| 27.10 | 28.00 | 36217 | yes | 0.002 | 1.2 | 28 | 3 | 93 | 13 | <5 | |
| 28.00 | 28.50 | 36218 | yes | 1.535 | 2.2 | 30 | 6 | 90 | 5940 | 15 | |
| 28.50 | 29.40 | 36219 | yes | 0.591 | 2 | 38 | 6 | 99 | 1655 | 8 | |
| 29.40 | 30.00 | 36220 | yes | 0.019 | 1.2 | 40 | <2 | 104 | 62 | <5 | |
| 30.00 | 30.50 | 36221 | yes | 0.062 | 1.7 | 41 | <2 | 92 | 433 | <5 | |
| 30.50 | 31.10 | 36222 | yes | 0.006 | 1.2 | 38 | 4 | 104 | 46 | <5 | |
| 31.10 | 31.60 | 36223 | yes | 0.319 | 1.9 | 40 | 9 | 115 | 3160 | 12 | |
| 33.25 | 34.00 | 36224 | yes | 0.28 | 4.9 | 46 | 218 | 318 | 1575 | 14 | |
| 34.00 | 34.50 | 36225 | yes | 0.026 | 1.5 | 63 | 4 | 104 | 22 | <5 | |
| 37.10 | 38.00 | 36226 | yes | 0.682 | 7.9 | 51 | 52 | 52 | 4450 | 76 | |
| 38.00 | 39.00 | 36227 | yes | 0.663 | 3.1 | 44 | 23 | 34 | 6750 | 24 | |
| 39.00 | 40.30 | 36228 | yes | 5.05 | 11.2 | 34 | 280 | 142 | >10000 | 112 | |
| 40.30 | 41.90 | 36229 | yes | 0.34 | 2 | 52 | 12 | 115 | 476 | 30 | |
| 41.90 | 42.90 | 36230 | yes | 0.245 | 2.1 | 64 | 6 | 81 | 917 | 19 | |
| 42.90 | 43.70 | 36231 | yes | 3.55 | 5.9 | 29 | 52 | 44 | 6760 | 35 | |
| 43.70 | 44.60 | 36232 | yes | 0.261 | 2.2 | 37 | 48 | 159 | 1015 | 12 | |
| 49.55 | 50.05 | 36233 | | 0.008 | 1.5 | 48 | <2 | 128 | 22 | <5 | |
| 52.30 | 52.80 | 36234 | yes | 0.019 | 1.8 | 62 | 2 | 191 | 33 | <5 | |
| 54.80 | 55.30 | 36235 | | 0.023 | 1.5 | 65 | <2 | 101 | 14 | <5 | |
| 58.50 | 59.00 | 36236 | | 0.011 | 0.6 | 73 | 2 | 96 | 205 | <5 | |
| 63.20 | 63.80 | 36237 | | 0.007 | 1.3 | 64 | 3 | 97 | 7 | <5 | |
| 67.00 | 67.50 | 36238 | | 0.002 | 1.8 | 33 | <2 | 136 | 10 | <5 | Strongly bleached section |
| 72.00 | 72.50 | 36239 | | 0.006 | 1.1 | 37 | <2 | 99 | 10 | <5 | |
| 77.50 | 78.00 | 36240 | | 0.013 | 1.8 | 65 | 3 | 95 | 40 | <5 | |
| 79.00 | 79.50 | 36241 | | 0.011 | 1.4 | 60 | 2 | 129 | 15 | <5 | |
| 85.00 | 85.50 | 36242 | | 0.009 | 1.7 | 44 | 6 | 230 | 17 | 12 | |
| 90.00 | 90.50 | 36243 | | 0.006 | 0.6 | 50 | <2 | 205 | 23 | <5 | |

D10-5 Acid Test

| Depth | Dip |
|-------|-----|
| 4.3 | -64 |
| 90.53 | -64 |



| Eastin 399450 | STRIP Morthing 5554684.0 | LOG RL 1657.0 | Azimuth | 0-5 _{Dip} -60.0 | Depth 90.5 |
|------------------|--------------------------------|---------------------|---|--|---------------|
| STRIP | | | | | |
| 1 | Geology | PAT | LABEL DRT SDST SHLE SKN SOIL | DESCI diorite sandst shale skarn soil | RIPTION |
| 2 | Au_ppm | BAR P | LOT | | |
| 3 | Carbonate | BAR P | LOT | | |
| 4 | Chlorite | BAR P | LOT | | |



ESO Uranium Corp. Donna Gold Project Monashee Mountain, BC GPA - November 2010

ESO Uranium Corporation

Donna Gold Property Monashee Mountain, British Columbia

Drill Hole: D10-6

Location: Testing 2010 Au in Soil Anomaly UTM Coordinates: 398504E, 5554814N (Garmin GPS, NAD 83, Z11) Date: September 17th to 18th, 2010 Drill Contractor: Hardcore Drilling Diamond Drill Rig: CS-1000 Core Size: NQ Azimuth: 90 Dip: -70

Orientation Instrument: Acid Test Logged By: Garrett Ainsworth

* all units are in metres

EOH = 78.33 m

D10-6 Major Geology

| From: | То: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|------------|--------------------|----------------|----------------------|---|---|
| 0.00 | 3.05 | Overburden | | | | | Overburden and sub-crop |
| 3.05 | 78.33 | Shale | Black to dark grey | fine | Massive to Banded | Detrital sediments 80, Calcite 20, trace to 2% pyrrhotite & pyrite | Hardness 5-6 Contains minor sandstone and conglomerate units that may represent turbidites (some fining upwards observed) X-cutting pervasive calcite stringers and veins common Occasional quartz stringers or quartz within calcite stringers & veins Varying percentages of carbonate throughout sequence graphite coated fractures common |

EOH = 78.33 m

D10-6 Minor Geology

| From: | To: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|--------------|--------------------|----------------|----------|--|---|
| 20.80 | 21.45 | Sandstone | Grey to light grey | fine to medium | Massive | Detrital sediments 70, Calcite 30, trace pyrrhotite | Hardness 5.5 fining upwards is observed Occasional calcite stringers up to 1 mm Grains deformed and preferentially orientated - due to compaction? |
| 36.00 | 37.00 | Sandstone | Grey to light grey | fine to medium | Massive | Detrital sediments 60, Calcite 40, trace pyrrhotite | Hardness 3.5 fining upwards is observed Occasional calcite stringers up to 1 mm Grains deformed and preferentially orientated - due to compaction? |
| 57.20 | 58.00 | Conglomerate | Grey to white | coarse | Massive | Detrital sediments 80, Calcite 20, trace finely disseminated pyrrhotite | Hardness 4 Grains deformed and preferentially orientated - due to compaction? Grains up to 12 mm Occasional calcite stringers up to 14 mm |
| 66.85 | 67.35 | Sandstone | Grey to light grey | fine to medium | Massive | Detrital sediments 70, Calcite 30, trace pyrrhotite | Hardness 3.5 fining upwards is observed Occasional calcite stringers up to 1 mm Grains deformed and preferentially orientated - due to compaction? |

EOH = 78.33 m

D10-6 Detailed Structure

| At: | Structure: | Angle: | Description: |
|-------------|---------------|--------|---|
| 3.5-3.8 | Fractures | | irregular highly fractured section and crushed rock - fractures have limonite coating |
| 4.1-4.25 | Fractures | | irregular highly fractured section and crushed rock |
| 11.1-11.4 | Fractures | | irregular highly fractured section and crushed rock |
| 14.33-15 | Fractures | | irregular highly fractured section and crushed rock |
| 17.55 | Vein | | very deformed 5 mm calcite vein |
| 19.6-20.8 | Stringers | | dense irregular offset calcite stringers < 1 mm throughout |
| 22.65 | Vein | 50 | 10 mm calcite vein |
| 22.85-22.95 | Stringers | | dense irregular offset calcite stringers < 1 mm with up to 3% pyrrhotite |
| 29 | Vein | | very deformed 10 mm calcite vein |
| 31.95-32.35 | Vugs | | some vugs up to 3 mm and up to 2% pyrrhotite |
| 41-41.2 | Gouge | | 200 mm of black clay and crushed black shale |
| 42.3-42.9 | Fractures | | irregular highly fractured section and crushed rock |
| 43.4-44 | Stringers | | dense irregular offset calcite stringers < 2 mm throughout |
| 46.6-47.4 | Fractures | | irregular highly fractured section and crushed rock - fractures have graphite coating |
| 50-50.6 | Fractures | | irregular highly fractured section and crushed rock - fractures have graphite coating |
| 50.95-51.45 | Stringers | | dense irregular offset calcite stringers < 1 mm with up to 1% pyrrhotite |
| 56.9-57.05 | Fractures | | irregular highly fractured section and crushed rock - fractures have graphite coating |
| 57.7-57.85 | Veins | | irregular offset calcite veins up to 20 mm with quartz and up to 2% pyrrhotite |
| 65.15-65.4 | Veins & Clots | | irregular offset quartz veins with calcite and up to 2% pyrrhotite |
| 70.25-70.7 | Fractures | | irregular highly fractured section and crushed rock - fractures have graphite coating |
| 71.15-71.9 | Fractures | | irregular highly fractured section and crushed rock - fractures have graphite coating |
| 72.1-72.25 | Gouge | | 100 mm and 50 mm black clay and crushed shale sections |
| 78-78.2 | Gouge | | 200 mm of black clay and crushed black shale |

D10-6 Mineralization

| From: | To: | Mineralization: |
|-------|------|--|
| 65.15 | 65.4 | irregular offset quartz veins with calcite and up to 2% pyrrhotite |



DIAMOND DRILL LOG

| | SAM | PLE DATA | CHEMICAL DATA | | | | | | | | |
|-------|-------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | Ag (ppm) | Cu (ppm) | Pb (ppm) | (mqq) nZ | (mqq) sA | (mqq) dS | COMMENTS |
| 4.50 | 5.00 | 36244 | | 0.028 | 1.6 | 59 | 2 | 179 | 17 | 6 | |
| 8.50 | 9.00 | 36245 | | 0.035 | 2.2 | 58 | <2 | 158 | 11 | <5 | |
| 12.50 | 13.00 | 36246 | | 0.011 | 2.1 | 49 | 2 | 164 | 12 | 7 | |
| 16.00 | 16.50 | 36247 | | 0.005 | 3.4 | 23 | <2 | 57 | 37 | <5 | |
| 19.80 | 20.30 | 36248 | | 0.004 | 1.3 | 24 | <2 | 39 | 17 | <5 | |
| 22.60 | 23.10 | 36249 | | 0.007 | 0.9 | 72 | 3 | 136 | 15 | 7 | |
| 28.00 | 28.50 | 36250 | | 0.01 | 1.8 | 54 | 6 | 140 | 136 | 5 | |
| 31.95 | 32.45 | 36251 | | 0.007 | 1.6 | 53 | 2 | 138 | 7 | 9 | |
| 37.00 | 37.50 | 36252 | | 0.016 | 1.9 | 35 | 2 | 105 | 69 | <5 | |
| 40.90 | 41.40 | 36253 | | 0.009 | 1.7 | 50 | 4 | 139 | 20 | <5 | |
| 43.50 | 44.00 | 36254 | | 0.038 | 1.6 | 48 | <2 | 117 | 15 | <5 | |
| 47.00 | 47.50 | 36255 | | 0.009 | 1.3 | 43 | 2 | 135 | 9 | <5 | |
| 50.90 | 51.40 | 36256 | | 0.015 | 1.6 | 44 | 3 | 121 | 18 | <5 | |
| 57.50 | 58.00 | 36257 | | 0.005 | 1.4 | 54 | 2 | 79 | 12 | <5 | |
| 65.00 | 65.50 | 36258 | | 0.016 | 1.6 | 38 | <2 | 121 | 15 | <5 | |
| 72.00 | 72.50 | 36259 | | 0.004 | 1.8 | 37 | <2 | 105 | 7 | <5 | |
| 77.80 | 78.30 | 36260 | | 0.004 | 1.4 | 28 | <2 | 86 | 19 | 5 | |

D10-6 Acid Test

| Depth | Dip |
|-------|-----|
| 3.05 | -70 |
| 78.33 | -70 |



| Eastir 398504 | STRIP ng Northing 4.0 5554814.0 | LOG: D1 RL Azimuth 1687.0 90.0 | 0-6 Dip Depth -70.0 78.3 | | | | | |
|--------------------|---------------------------------------|--------------------------------------|---------------------------------------|--|--|--|--|--|
| STRIP | | | | | | | | |
| 1 | Geology | PAT LABEL SHLE SOIL | DESCRIPTION shale soil | | | | | |
| 2 | Au ppm | BAR PLOT | | | | | | |
| 3 | Carbonate | BAR PLOT | | | | | | |
| 4 | Chlorite | BAR PLOT | | | | | | |
| F | SOUr | anium (| SO IIUM CORP. | | | | | |
| ESO Uranium Corp. | | | | | | | | |
| Donna Gold Project | | | | | | | | |
| | | | | | | | | |

Monashee Mountain, BC GPA - November 2010

ESO Uranium Corporation

Donna Gold Property Monashee Mountain, British Columbia

Drill Hole: D10-7

Location: Testing 2010 As in Soil Anomaly UTM Coordinates: 398341E, 5554601N (Garmin GPS, NAD 83, Z11) Date: September 18th to 19th, 2010 Drill Contractor: Hardcore Drilling Diamond Drill Rig: CS-1000 Core Size: NQ Azimuth: Vertical Hole Dip: -90

Orientation Instrument: Acid Test Logged By: Garrett Ainsworth

* all units are in metres

EOH = 108.81 m
D10-7 Major Geology

| From: | То: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|--------|--------|--------------|---|-------------------|----------------------|--|---|
| 0.00 | 1.20 | Overburden | | | | | Overburden and sub-crop |
| 1.20 | 8.30 | Diorite | Black to dark grey to olive green to white | coarse | Granite | Plagioclase 20, Hornblende 20, Pyroxene 20, Chlorite 14, Biotite 13, Quartz 5, Sericite 5, Magnetite 2, Calcite 1 trace to 10% sulphides | Hardness 3.5-4 Sulphides consist of pyrite & pyrrhotite Quartz and calcite veins & stringers associated with sulphide alteration halos Moderately chloritized & weakly bleached in sections Occasional small skarn sections Occasional sections grade to more felsic granite Hornblende laths are up to 10 mm by 3 mm |
| 8.30 | 81.90 | Diorite | Grey to dark grey to olive green to white | medium | Granite | Plagioclase 30, Hornblende 20, Biotite 20, Pyroxene 15, Quartz 5, Chlorite 5, Magnetite 1, Calcite 1, trace to 30% sulphides | Hardness 4-4.5 Sulphides consist of pyrite & pyrrhotite Quartz & calcite stringers & veins associated with sulphide alteration halos Weakly chloritized in sections Occasional small skarn sections Occasional sections grade to more felsic granite Occasional bands of coarse grained diorite observed |
| 81.90 | 86.55 | Skarn | Cream to white to grey to dark grey to olive green | fine to medium | Massive & Granite | Calcite 20, Calc-Silicates 80, trace to 3% sulphides | Hardness 5-6 Sulphides consist of pyrite & pyrrhotite Quartz veins up to 150 mm with up to 5% sulphides Moderately chloritized and bleached in sections This unit consists of exoskarn & endoskarn |
| 86.55 | 89.25 | Diorite | Grey to dark grey to olive green to white | medium | Granite | Plagioclase 30, Hornblende 20, Biotite 20, Pyroxene 15, Quartz 5, Chlorite 5, Magnetite 1, Calcite 1, trace sulphides | Hardness 4-5 Sulphides consist of pyrite & pyrrhotite Quartz & calcite stringers & veins associated with sulphide alteration halos Weakly chloritized in sections Occasional sections grade to more felsic granite |
| 89.25 | 93.30 | Skarn | Cream to white to grey to dark grey to olive green | fine to medium | Massive & Granite | Calcite 20, Calc-Silicates 80, trace to 3% sulphides | Hardness 5-6 Sulphides consist of pyrite & pyrrhotite Quartz veins up to 150 mm with up to 5% sulphides Moderately chloritized and bleached in sections This unit consists of exoskarn & endoskarn |
| 93.30 | 102.60 | Diorite | Grey to dark grey to olive green to white | medium | Granite | Plagioclase 30, Hornblende 20, Biotite 20, Pyroxene 15, Quartz 5, Chlorite 5, Magnetite 1, Calcite 1, trace sulphides | Hardness 4-5 Sulphides consist of pyrite & pyrrhotite Quartz & calcite stringers & veins associated with sulphide alteration halos Weakly chloritized in sections Occasional sections grade to more felsic granite (granodiorite in composition) |
| 102.60 | 108.81 | Granodiorite | White to black to grey | medium | Granite | Plagioclase 45, Hornblende 15, Biotite 15, Pyroxene 10, Quartz 10, Calcite 1, Magnetite 1, trace to 3% pyrrhotite | Hardness 5 Quartz & calcite stringers & veins associated with sulphide alteration halos No clear contact between diorite & granodiorite as it is gradual |

EOH = 108.81 m

D10-7 Minor Geology

| From: | To: | Rock Unit: | Colour: | Grain Size: | Texture: | Composition: | Description: |
|-------|-------|--------------|--|-------------|----------------------|---|--|
| 9.15 | 10.05 | Skarn | Olive green to white | fine | Massive to Banded | Calcite 10, Calc-Silicates 90, trace pyrite, pyrrhotite | Hardness 4.5 Possible skarned country rock xenolith? |
| 46.80 | 48.00 | Skarn | Cream to white to olive green to grey to purple | fine | Banded | Calcite 25, Calc-Silicates 70, trace to 5% sulphides | Hardness 4 Intermingles with carbonate altered diorite (endoskarn) Possible skarned country rock xenolith? |
| 63.03 | 63.40 | Skarn | Olive green to cream to grey | fine | Massive | Calcite 10, Calc-Silicates 90, trace to 3% sulphides | Hardness 6.5 Possible skarned country rock xenolith? |
| 92.30 | 92.75 | Granodiorite | White to black to olive green | medium | Granite | Plagioclase 45, Hornblende 20, Pyroxene 15, Quartz 10, Biotite 10, trace pyrrhotite, magnetite? | Hardness 4.5 |
| 97.25 | 97.85 | Granodiorite | White to black to olive green | medium | Granite | Plagioclase 45, Hornblende 20, Pyroxene 15, Quartz 10, Biotite 10, trace pyrrhotite, magnetite? | Hardness 4.5 |

EOH = 108.81 m

D10-7 Detailed Structure

| At: | Structure: | Angle: | Description: |
|-------------|------------|--------|---|
| 2.05-2.3 | Fractures | | irregular highly fractured section and crushed rock - fractures have limonite coating |
| 2-4.4 | Fractures | 0 | several limonite coated fractures that are 0 degrees to the core angle |
| 7.1 | Vein | 50 | 25 mm quartz vein with calcite and up to 15% pyrite, pyrrhotite |
| 8.15 | Vein | 45 | 6 mm quartz vein with up to 10% pyrite, pyrrhotite |
| 17.45 | Vein | 40 | 15 mm brecciated quartz vein - no sulphides |
| 20.5 | Vein | 45 | 5 mm quartz vein with up to 10% pyrite, pyrrhotite |
| 25.7 | Vein | 60 | 5 mm quartz vein with alteration halo - no sulphides |
| 27.6 | Vein | 65 | 3 mm quartz vein with up to 15% pyrite, pyrrhotite and alteration halo |
| 30.9 | Vein | 45 | 65 mm quartz vein with up to 20% pyrite, pyrrhotite, arsenopyrite and alteration halo |
| 34.85 | Vein | 20 | 10 mm quartz vein with up to 10% pyrite, pyrrhotite and alteration halo |
| 35.2-36.75 | Gouge | | 1.05 m of brecciated skarned diorite and quartz with abundant gouge and sulphides up to 20% |
| 39.2 | Stringers | 60 | parallel 3 mm quartz stringers with up to 10% pyrite, pyrrhotite with associated alteration halo |
| 40.1-40.2 | Clot | | 100 mm quartz clot with no obvious sulphides |
| 45.35 | Vein | 50 | 15 mm quartz vein with up to 5% pyrite, pyrrhotite |
| 45.85 | Stringer | | irregular offset quartz stringer up to 20 mm with epidote/chlorite at margins and up to 5% pyrrhotite |
| 48.45 | Vein | | irregular offset quartz vein up to 100 mm with up to 60% pyrrhotite |
| 55.6 | Vein | 65 | 5 mm quartz vein with up to 5% pyrite, pyrrhotite and associated alteration halo |
| 55.9 | Clot | | 95 mm quartz clot with trace sulphides |
| 56.1 | Veins | 65 | 10 mm calcite vein & 7 mm quartz vein parallel to each other |
| 57.8 | Vein | 50 | 20 mm quartz vein with no sulphides |
| 58.2 | Vein | 80 | 5 mm quartz vein with calcite and up to 5% pyrite, pyrrhotite |
| 58.6 | Vein | 50 | 13 mm quartz vein with brecciated country rock? Up to 5% pyrite, pyrrhotite |
| 60.85 | Vein | 50 | 6 mm calcite vein with quartz and up to 3% pyrite, pyrrhotite |
| 61.4 | Vein | 55 | 100 mm quartz vein with up to 10% pyrite, pyrrhotite |
| 61.95 | Vein | 45 | 15 mm quartz vein with up to 5% pyrite, pyrrhotite and associated alteration halo |
| 63.3-63.7 | Fractures | | irregular highly fractured section and crushed rock |
| 69.5 | Vein | 50 | 16 mm quartz and biotite vein - granodiorite? |
| 71.4 | Vein | 50 | 4 mm quartz vein with up to 20% pyrrhotite, pyrite |
| 79.25 | Xenolith | | 30 mm average diameter country rock xenolith - black shale little altered |
| 80.65-80.75 | Banding | 80 | 100 mm band of granodiorite |
| 81.8 | Vein | 90 | 100 mm quartz vein with up to 5% pyrite, pyrrhotite and alteration halo |
| 85.6 | Veins | 50 | two parallel 10 mm calcite veins |
| 89.45 | Vein | 50 | 8 mm quartz vein with calcite and up to 5% pyrite, pyrrhotite and large alteration halo |
| 90.5 | Vein | 45 | 100 mm quartz vein with calcite and trace sulphides and alteration halo |
| 90.8 | Vein | 45 | 100 mm quartz vein with calcite and trace sulphides and alteration halo |
| 92.95 | Vein | 45 | irregular 150 mm quartz vein with calcite and trace sulphides |
| 95.8 | Clot | | 100 mm quartz vein with calcite and up to 5% pyrite, pyrrohotite and associated alteration halo |
| 94.6 | Vein | 25 | 4 mm calcite vein |
| 101.5 | Vein | 60 | 20 mm calcite vein with brecciated country rock |
| 102.15 | Vein | 60 | 10 mm calcite vein |
| 107.6 | Vein | 45 | 10 mm quartz vein with up to 10% pyrite, pyrrhotite and alteration halo |

D10-7 Mineralization

| From: | To: | Mineralization: |
|-------|--------|---|
| 7.1 | 7.15 | 25 mm quartz vein with calcite and up to 15% pyrite, pyrrhotite |
| 8.15 | 8.2 | 6 mm quartz vein with up to 10% pyrite, pyrrhotite |
| 20.5 | 20.55 | 5 mm quartz vein with up to 10% pyrite, pyrrhotite |
| 30.9 | 31.05 | 65 mm quartz vein with up to 20% pyrite, pyrrhotite, arsenopyrite and alteration halo |
| 34.8 | 34.9 | 10 mm quartz vein with up to 10% pyrite, pyrrhotite and alteration halo |
| 35.2 | 36.75 | 1.05 m of brecciated skarned diorite and quartz with abundant gouge and sulphides up to 20% |
| 39.2 | 39.3 | parallel 3 mm quartz stringers with up to 10% pyrite, pyrrhotite with associated alteration halo |
| 45.35 | 45.4 | 15 mm quartz vein with up to 5% pyrite, pyrrhotite |
| 45.85 | 45.9 | irregular offset quartz stringer up to 20 mm with epidote/chlorite at margins and up to 5% pyrrhotite |
| 46.7 | 48 | exoskarn and endoskarn intermingling with up to 10% pyrite, pyrrhotite |
| 48.45 | 48.55 | irregular offset quartz vein up to 100 mm with up to 60% pyrrhotite |
| 55.45 | 55.55 | 5 mm quartz vein with up to 5% pyrite, pyrrhotite and associated alteration halo |
| 58.2 | 58.25 | 5 mm quartz vein with calcite and up to 5% pyrite, pyrrhotite |
| 58.6 | 58.65 | 13 mm quartz vein with brecciated country rock? Up to 5% pyrite, pyrrhotite |
| 60.85 | 60.9 | 6 mm calcite vein with quartz and up to 3% pyrite, pyrrhotite |
| 61.4 | 61.5 | 100 mm quartz vein with up to 10% pyrite, pyrrhotite |
| 71.4 | 71.45 | 4 mm quartz vein with up to 20% pyrrhotite, pyrite |
| 81.8 | 81.9 | 100 mm quartz vein with up to 5% pyrite, pyrrhotite and alteration halo |
| 95.8 | 95.9 | 100 mm quartz vein with calcite and up to 5% pyrite, pyrrohotite and associated alteration halo |
| 107.6 | 107.65 | 10 mm quartz vein with up to 10% pyrite, pyrrhotite and alteration halo |



DIAMOND DRILL LOG

| SAMPLE DATA | | | | | | CHE | | | | | |
|-------------|-------|--------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | (mqq) gA | Cu (ppm) | Pb (ppm) | (mqq) nZ | As (ppm) | Sb (ppm) | COMMENTS |
| 2.00 | 2.50 | 36261 | | 0.004 | 1.1 | 89 | <2 | 108 | 30 | <5 | |
| 5.50 | 7.00 | 36262 | ves | 0.074 | 1.2 | 120 | <2 | 139 | 141 | <5 | |
| 7.00 | 8.00 | 36263 | | 0.008 | 1 | 181 | <2 | 133 | <5 | <5 | |
| 8.00 | 9.00 | 36264 | yes | 0.007 | 1.3 | 163 | <2 | 142 | 6 | <5 | |
| 9.00 | 10.10 | 36265 | | 0.008 | 1 | 57 | <2 | 111 | 10 | 5 | |
| 10.10 | 10.60 | 36266 | | 0.004 | 1.4 | 71 | <2 | 106 | <5 | <5 | |
| 13.00 | 13.60 | 36267 | | 0.068 | 1.5 | 103 | 13 | 142 | 492 | 5 | |
| 16.00 | 16.50 | 36268 | | 0.006 | 0.9 | 98 | <2 | 142 | 7 | <5 | |
| 20.40 | 21.00 | 36269 | yes | 0.009 | 1.1 | 106 | <2 | 128 | 7 | <5 | |
| 21.00 | 21.70 | 36270 | | 0.007 | 1.3 | 86 | <2 | 132 | <5 | <5 | |
| 23.70 | 24.20 | 36271 | | 0.122 | 1.1 | 96 | 7 | 113 | 892 | <5 | |
| 27.50 | 28.00 | 36272 | | 0.004 | 0.5 | 58 | 7 | 156 | <5 | <5 | |
| 30.75 | 31.25 | 36273 | yes | 1.89 | 1.7 | 264 | 13 | 155 | >10000 | 14 | |
| 33.25 | 33.75 | 36274 | | 0.018 | <0.5 | 114 | 6 | 121 | 20 | <5 | |
| 34.70 | 35.30 | 36275 | yes | 0.012 | 1 | 67 | 13 | 105 | 4310 | 7 | |
| 35.30 | 35.80 | 36276 | yes | 0.146 | 0.9 | 88 | 6 | 20 | 732 | 16 | |
| 35.80 | 36.80 | 36277 | yes | 0.21 | 0.8 | 139 | 6 | 48 | 174 | 5 | |
| 39.00 | 39.50 | 36278 | yes | 0.016 | <0.5 | 107 | 7 | 134 | 22 | <5 | |
| 40.75 | 41.25 | 36279 | | 0.003 | 0.5 | 95 | 6 | 111 | 17 | <5 | |
| 43.00 | 43.50 | 36280 | | 0.003 | <0.5 | 65 | 7 | 140 | 8 | <5 | |
| 45.30 | 45.80 | 36281 | yes | 0.006 | <0.5 | 89 | 8 | 102 | 9 | <5 | |
| 46.60 | 47.10 | 36282 | yes | 0.029 | 0.6 | 110 | 4 | 86 | 32 | <5 | |
| 47.10 | 47.60 | 36283 | yes | 0.02 | 0.8 | 90 | 5 | 115 | 25 | <5 | |
| 47.60 | 48.10 | 36284 | yes | 0.051 | 0.6 | 77 | 10 | 65 | 477 | 7 | |
| 48.10 | 48.65 | 36285 | yes | 0.158 | 0.5 | 120 | 9 | 89 | 1905 | <5 | |
| 52.00 | 52.50 | 36286 | | 0.016 | <0.5 | 69 | 7 | 140 | 18 | <5 | |
| 54.30 | 55.00 | 36287 | | 0.068 | 0.5 | 79 | 10 | 167 | 463 | <5 | |
| 55.00 | 56.00 | 36288 | yes | 0.015 | 0.5 | 69 | 6 | 153 | 481 | <5 | |
| 58.00 | 58.50 | 36289 | yes | 0.023 | 0.8 | 129 | 10 | 103 | 60 | <5 | |
| 59.15 | 59.65 | 36290 | | 0.008 | 0.8 | 128 | 5 | 103 | 40 | <5 | |
| 60.70 | 61.20 | 36291 | yes | 0.006 | 0.5 | 69 | 6 | 142 | 13 | <5 | |
| 61.20 | 62.00 | 36292 | yes | 0.099 | 0.7 | 70 | 18 | 143 | 2990 | <5 | |
| 63.05 | 63.55 | 36293 | | 0.006 | 0.8 | 58 | 6 | 75 | 24 | 6 | |
| 66.00 | 66.50 | 36294 | | <0.001 | 0.7 | 97 | 7 | 130 | <5 | <5 | |
| 68.00 | 68.50 | 36295 | | 0.001 | < 0.5 | 61 | 5 | 125 | 7 | <5 | |
| 71.40 | 71.90 | 36296 | yes | 0.002 | 0.7 | 44 | 7 | 103 | 175 | <5 | |
| 73.15 | 74.15 | 36297 | | 0.003 | 0.9 | 128 | 6 | 143 | <5 | <5 | |
| 75.30 | 76.00 | 36298 | | 0.009 | 0.6 | 92 | 6 | 108 | 9 | <5 | |
| 79.85 | 80.35 | 36299 | | 0.003 | 0.6 | 117 | 9 | 132 | 8 | <5 | |
| 81.10 | 82.00 | 36300 | yes | 0.075 | 0.6 | 118 | 6 | 121 | 2200 | 6 | |
| 82.00 | 83.00 | 36301 | | 0.574 | 0.8 | 112 | 5 | 124 | 1625 | <5 | |
| 84.00 | 84.50 | 36302 | | 0.003 | 0.5 | 69 | 3 | 146 | 14 | <5 | |
| 85.50 | 86.50 | 36303 | | 0.006 | 0.7 | 135 | 6 | 92 | 24 | <5 | |
| 89.25 | 89.75 | 36304 | | 0.035 | <0.5 | 121 | 7 | 99 | 8810 | 8 | l |



DIAMOND DRILL LOG

| SAMPLE DATA | | | | | | CHE | | | | | |
|-------------|--------|--------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| FROM | то | SAMPLE | Sulphides > 5% | Au (ppm) | Ag (ppm) | Cu (ppm) | Pb (ppm) | (mqq) nZ | As (ppm) | Sb (ppm) | COMMENTS |
| 90.60 | 91.10 | 36305 | | 0.11 | 0.8 | 54 | 3 | 77 | 2340 | <5 | |
| 91.70 | 92.20 | 36306 | | 0.006 | 0.6 | 121 | 7 | 267 | 18 | <5 | |
| 93.20 | 93.70 | 36307 | | 0.301 | 0.6 | 45 | 7 | 98 | 74 | <5 | |
| 95.65 | 96.15 | 36308 | yes | 0.402 | 1 | 79 | 10 | 110 | >10000 | 11 | |
| 99.50 | 100.00 | 36309 | | 0.013 | 0.6 | 52 | 2 | 134 | 63 | <5 | |
| 100.50 | 101.00 | 36310 | | 0.005 | 1.2 | 56 | <2 | 131 | 19 | 5 | |
| 102.50 | 103.00 | 36311 | | 0.009 | 1.4 | 33 | <2 | 137 | 172 | <5 | |
| 107.30 | 107.80 | 36312 | yes | 0.007 | 1.2 | 51 | <2 | 119 | 15 | <5 | |
| 108.30 | 108.80 | 36313 | | 0.002 | 1.2 | 43 | <2 | 121 | 12 | 5 | |

D10-7 Acid Test

| Depth | Dip |
|-------|-----|
| 1.2 | 88 |
| 108.8 | 90 |



| Eastin 398341 | STRIP s Northing 1.0 5554601.0 | LOG RL 1676.0 | Azimuth | 0-7 ^{Dip} -90.0 | Depth 108.8 |
|------------------|--------------------------------------|---------------------|------------------------------------|---|----------------|
| STRIP | | | | | |
| 1 | Geology | PAT | LABEL DRT GRD SKN SOIL | DESCF diorite granod skarn soil | RIPTION |
| 2 | Au_ppm | BAR P | LOT | | |
| 3 | Carbonate | BAR P | LOT | | |
| 4 | Chlorite | BAR P | LOT | | |



ESO Uranium Corp. Donna Gold Project Monashee Mountain, BC GPA - November 2010

APPENDIX E

ALS Chemex Analytical Reports



To: ESO URANIUM CORP. 408 - 1199 WEST PENDER ST. VANCOUVER BC V6E 2R1 Page: 1 Finalized Date: 30- SEP- 2010 Account: ESOURA

CERTIFICATE VA10134524

Project: Monashee

P.O. No.:

This report is for 200 Rock samples submitted to our lab in Vancouver, BC, Canada on 20- SEP- 2010.

The following have access to data associated with this certificate:

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

| | ANALYTICAL PROCEDU | RES |
|-----------|---------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au- ICP21 | Au 30g FA ICP- AES Finish | ICP- AES |
| Au- GRA21 | Au 30g FA- GRAV finish | WST- SIM |

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

Signature:

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

Colin Ramshaw, Vancouver Laboratory Manager



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

Page: 2 - A Total # Pages: 6 (A) Finalized Date: 30- SEP- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI- 23 Recvd Wt. kg 0.02 | Au- ICP2} Au ppm 0.001 | Au- GRA21 Au ppm 0.05 | |
|---|-----------------------------------|---|---|--------------------------------|---------------------------------------|
| 36000 36001 36002 36003 36004 | | Not Recvd 4.26 4.38 4.30 3.26 | 0.004 0.004 0.011 0.004 | | |
| 36005 36006 36007 36008 36009 | | 1.26 4,78 4.88 4.44 4,52 | 0.225 0.007 0.012 0.355 0.004 | | |
| 36010 36011 36012 36013 36014 | | 2.58 4.90 2.50 2.84 2.78 | 0.016 0.108 0.011 0.004 0.019 | | |
| 36015 36016 36017 36018 36019 | | 3.46 3.06 4.98 4.56 4.52 | 0.006 0.121 0.273 1.330 0.143 | | |
| 36020 36021 36022 36023 36024 | | 4.64 2.26 4.68 2.74 4.12 | 0.028 1.300 0.100 0.518 0.450 | | |
| 36025 36026 36027 36028 36029 | | 3.00 3.06 1.26 1.84 3.14 | 0.230 0.801 0.113 0.337 0.840 | | · · · · · · · · · · · · · · · · · · · |
| 36030 36031 36032 36033 36034 | | 1.38 1.42 3.60 2.62 2.50 | 0.319 1.300 0.045 0.104 0.005 | | |
| 36035 36036 36037 36038 36039 | | 3.14 2.12 2.66 1.92 1.72 | 0.021 0,006 0.130 0.012 0.007 | | |



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

Page: 3 - A Total # Pages: 6 (A) Finalized Date: 30- SEP- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au- ICP2 1 Au ppm 0.003 | Au- GRA21 Au ppm 0.05 | |
|--------------------|-----------------------------------|-----------------------------------|----------------------------------|--------------------------------|--|
| 36040 | | 3.64 | 0.013 | | |
| 36041 | | 3.56 | 0.013 | | |
| 36042 | | 3.06 | 0.004 | | |
| 36043 | | 2.52 | 0.007 | | |
| 30044 | | 2.74 | 0.005 | | |
| 36045 | | 2,88 | 0.025 | | |
| 36046 | | 2.50 | 0.017 | | |
| 36047 | | 2.48 | 0.021 | | |
| 36048 | | 1.32 | 0.009 | | |
| 56049 | | 1,24 | 0.005 | | |
| 36050 | | 2.56 | 0.004 | | |
| 36051 | | 1.10 | 0.009 | | |
| 36052 | | 2.52 | 0.013 | | |
| 36033 | | 2.64 | 0.004 | | |
| 56034 | | 3.04 | 0.004 | | |
| 36055 | | 2.34 | 0.008 | | |
| 36056 | | 1.42 | 0.006 | | |
| 36057 | | 2,36 | 0.006 | | |
| 36038 | | 2.20 | 0.003 | | |
| 30039 | | 2.46 | 0.024 | | |
| 36060 | | 2.78 | 0.003 | | |
| 36063 | | 2.34 | 0.005 | | |
| 36062 | | 2.76 | 0.003 | | |
| 36064 | | 2.40 | 0.007 | | |
| 50004 | | 2.42 | 0.000 | | |
| 36065 | | 3.16 | 0.004 | | |
| 30066 | | 2,82 | 0.005 | | |
| 30007 | | 2.48 | 0.003 | | |
| 36069 | | 2.52 | 0.003 | | |
| 50003 | | 1.20 | 0.007 | | |
| 36070 | | 2.36 | 0.007 | | |
| 36071 | | 2.64 | 0.003 | | |
| 300/2 | | 2.98 | 0.005 | | |
| 26074 | | 1.52 | 0,008 | | |
| 30074 | | 1.52 | 0.000 | | |
| 36075 | | 2.30 | 0.004 | | |
| 36076 | | 1.88 | 0.005 | | |
| 36077 | | 2.02 | 0.003 | | |
| 36070 | | 2.74 | 0.003 | | |
| 30079 | | 3.72 | 0.009 | | |



To: ESO URANIUM CORP. 408 - 1199 WEST PENDER ST. VANCOUVER BC V6E 2R1 Page: 4 - A Total # Pages: 6 (A) Finalized Date: 30- SEP- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au- ICP21 Au ppm 0.001 | Au- GRA2 I Au ppm 0.05 | | | |
|--------------------|-----------------------------------|-----------------------------------|---------------------------------|---------------------------------|------|------|------|
| 36080 | | 1.14 | 0.005 | | | | |
| 36081 | | 3.56 | 0.004 | | | | |
| 36082 | | 3.74 | 0.003 | | | | |
| 36083 | | 4.44 | 0.006 | | | | |
| 36084 | | 4,14 | 0.003 | | | | |
| 36085 | | 2,20 | 0.290 | | | | |
| 36086 | | 2,62 | 0.023 | | | | |
| 36087 | | 6.32 | 0,006 | | | | |
| 36088 | | 5.44 | 0.003 | | | | |
| 30089 | · | 4.78 | 0.004 | | | | |
| 36090 | | 1,48 | 1.020 | | | | |
| 36091 | | 2.34 | 0.118 | | | | |
| 36092 | | 2.76 | 0.257 | | | | |
| 36093 | | 2.84 | 0.006 | | | | |
| 50094 | | 1.46 | 0.357 | | | | |
| 36095 | | 2.98 | 0.009 | | | | |
| 36096 | | 5.42 | 0.013 | | | | |
| 36097 | | 5.12 | 0.145 | | | | |
| 36098 | | 1.38 | 0.037 | | | | |
| 36099 | | 4.10 | 0.006 | | | | |
| 36100 | | 1,36 | 1.145 | | | | |
| 36101 | | 4.82 | 0.011 | | | | |
| 36102 | | 5,06 | 0.006 | | | | |
| 36103 | | 1.38 | 0,265 | | | | |
| 36104 | | 2.78 | 0.041 | | | | |
| 36105 | | 2.52 | 0.004 | | | | |
| 36106 | | 1.64 | 0.003 | | | | |
| 36107 | | 3.06 | 0.370 | | | | |
| 36108 | | 5.74 | 0.021 | | | | |
| 30109 | | 3.20 | 0.060 | | | | |
| 36110 | | 3.46 | 0.070 | | | | |
| 36111 | | 1.46 | 0.868 | | | | |
| 36112 | | 5.50 | 0.009 | | | | |
| 30113 | | 3.00 | 0.174 | | | | |
| 50314 | | 1.72 | 0,500 | | | | |
| 36115 | | 4.62 | 0.038 | | | | |
| 36116 | | 1.58 | 0.064 | | | | |
| 36117 | | 4.18 | 0.011 | | | | |
| 36118 | | 5.68 | 0.014 | | | | |
| 30119 | | 5,60 | 0,174 | | | | |



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Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Aa- ICP21 Au ppm 0.003 | Au- GRA21 Au ppm 0.05 | |
|--|-----------------------------------|--------------------------------------|---|--------------------------------|--|
| 36120 36121 36122 36123 36123 36124 | | 1.30 1.50 4.30 2.68 1.18 | 0.049 0.136 0.382 0.011 0.015 | | |
| 36125 36126 36127 36128 36129 | | 1.04 2.62 1.46 1.16 1.62 | 0.009 0.198 0.004 0.012 0.155 | | |
| 36130 36131 36132 36133 36134 | | 1.68 1.98 2.38 2.60 2.52 | 0.010 0.325 0.824 0.189 0.768 | | |
| 36135 36136 36137 36138 36139 | | 1.26 1.50 1.56 1.50 1.20 | 0.564 0.097 0.012 0.201 0.455 | | |
| 36140 36141 36142 36143 36344 | | 1.16 1.48 1.00 1.44 1.32 | 0.006 0.265 0.026 0.014 0.254 | | |
| 36145 36146 36147 36148 36149 | | 2.44 2.58 1.70 1.00 2.54 | 0.061 0.314 0.017 0.038 0.023 | | |
| 36150 36151 36152 36153 36154 | <u> </u> | 1.76 1.30 1.22 1.46 1.72 | 0.184 0.221 0.015 0.008 0.005 | | |
| 36155 36156 36157 36158 36159 | ****** | 1.18 1.50 2.76 1.24 3.54 | 0.009 0.019 0.018 0.048 0.137 | | |



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Page: 6 - A Total # Pages: 6 (A) Finalized Date: 30- SEP- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Aa- ICP21 Au ppm 0.001 | Au- GRA21 Au ppm 0.05 | |
|--------------------|-----------------------------------|-----------------------------------|---------------------------------|--------------------------------|--|
| 36160 36161 | | 2.80 2.36 | 0,291 | · | |
| 36162 | | 1.22 | >10.0 | 19.35 | |
| 36163 | | 4.52 | 0,058 | | |
| 36164 | | 3.80 | 0.018 | | |
| 36165 | | 2.16 | 0.162 | | |
| 36166 | | 2.80 | 0.012 | | |
| 36167 | | 1.44 | 0.125 | | |
| 36168 | | 1.16 | 0.167 | | |
| 36169 | | 1.14 | 0,013 | | |
| 36170 | | 4.24 | 0.129 | | |
| 36171 | | 3.80 | 0.007 | | |
| 36172 | | 5.70 | 0.106 | | |
| 36173 | | 1.66 | 0.330 | | |
| 36175 | | 1.52 | 0.425 | | |
| 36176 | | 1.72 | 1,230 | | |
| 36177 | | 2.94 | 0.033 | | |
| 36178 | | 3,48 | 0.009 | | |
| 36179 | | 3.50 | 0.024 | | |
| 36180 | | 3.20 | 0.037 | | |
| 36181 | | 2.06 | 0.014 | | |
| 36182 | | 3.08 | 0.082 | | |
| 36183 | | 2.28 | 0.199 | | |
| 36184 | | 2.82 | 0.123 | | |
| 36185 | | 2.16 | 0.191 | | |
| 36186 | | 2.46 | 0.659 | | |
| 30187 | | 1.34 | 0.014 | | |
| 36189 | | 4 18 | 0.003 | | |
| 26100 | | 1.70 | 0.013 | | |
| 36191 | | 1.75 | 0.015 | | |
| 36192 | | 1.24 | 0.016 | | |
| 36193 | | 1.46 | 0.113 | | |
| 36194 | | 1.42 | 0.039 | | |
| 36195 | | 1.40 | 0.066 | | |
| 36196 | | 1.92 | 3.57 | | |
| 36197 | | 2.92 | 0.173 | | |
| 36198 | | 1.60 | 0.172 | | |
| 36199 | | 1.48 | 0,021 | | |



To: ESO URANIUM CORP. 408 - 1199 WEST PENDER ST. VANCOUVER BC V6E 2R1 Page: 1 Finalized Date: 27- SEP- 2010 Account: ESOURA

CERTIFICATE VA10128121

| _ | Project: Monashee | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|
| | P.O. No.: | | | | | | | | |
| | This report is for 117 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 20- SEP- 2010. | | | | | | | | |
| | The following have access to data associated with this certificate: | | | | | | | | |

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

| | ANALYTICAL PROCEDURES | |
|-----------|---------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au~ ICP21 | Au 30g FA ICP- AES Finish | ICP- AES |

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

Signature:

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

Colin Ramshaw, Vancouver Laboratory Manager



To: ESO URANIUM CORP. 408 - 1199 WEST PENDER ST. VANCOUVER BC V6E 2R1 Page: 2 - A Total # Pages: 4 (A) Finalized Date: 27- SEP- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au- ICP2 1 Au ppm 0.001 | |
|--|-----------------------------------|--------------------------------------|---|--|
| 36200 36201 36202 36203 36204 | | 2.44 2.02 1.36 1.22 1.42 | 0.008 0.008 0.006 0.009 0.010 | |
| 36205 36205 36207 36207 36208 36208 | | 1.14 2.34 1.24 1.38 1.48 | 0.002 0.012 0.162 0.003 0.187 | |
| 36210 36211 36212 36213 36213 36214 | | 1.34 1.48 1.20 1.58 1.74 | 0.510 0.193 0.026 0.153 0.078 | |
| 36215 36216 36217 36218 36219 | | 2.74 2.30 2.48 1.34 2.52 | 0.231 0.159 0.002 1.535 0.591 | |
| 36220 36221 36222 36223 36223 36224 | | 1.98 1.14 1.94 1.36 2.30 | 0.019 0.062 0.006 0.319 0.280 | |
| 36225 36226 36227 36228 36229 | | 1.50 2.58 2.42 4.24 4.34 | 0.026 0.682 0.663 5.05 0.340 | |
| 36230 36231 36232 36233 36233 36234 | | 2.56 2.08 3.06 1.70 1.40 | 0.245 3.55 0.261 0.008 0.019 | |
| 36235 36236 36237 36238 36239 | | 1.16 1.54 1.60 1.42 1.52 | 0.023 0.011 0.007 0.002 0.006 | |



To: ESO URANIUM CORP. 408 - 1199 WEST PENDER ST. VANCOUVER BC V6E 2R1 Page: 3 - A Total # Pages: 4 (A) Finalized Date: 27- SEP- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au- ICP21 Au ppm 0.003 | |
|--|-----------------------------------|--------------------------------------|---|--|
| 36240 36241 36242 | | 1.42 1.50 1.32 | 0.013 0.011 0.009 | |
| 36243 36244 | | 1.28 1.14 | 0.006 0.028 | |
| 36245 36246 36247 36248 36249 | ****** | 1.62 1.30 1.22 1.52 1.62 | 0.035 0.011 0.005 0.004 0.007 | |
| 36250 36251 36252 36253 36254 | | 1.32 1.36 1.42 0.84 1.14 | 0.010 0.007 0.016 0.009 0.038 | |
| 36255 36256 36257 36258 36259 | | 1.40 1.42 1.46 1.50 1.06 | 0.009 0.015 0.005 0.016 0.004 | |
| 36260 36261 36262 36263 36263 36264 | | 1.20 1.28 4.68 3.66 2.66 | 0.004 0.004 0.074 0.008 0.007 | |
| 36265 36266 36267 36268 36269 | | 3.10 1.62 1.60 1.48 2.02 | 0.008 0.004 0.068 0.006 0.009 | |
| 36270 36271 36272 36273 36274 | | 2.10 1.52 1.66 1.06 1.48 | 0.007 0.122 0.004 1.890 0.018 | |
| 36275 36276 36277 36278 36279 | | 1.56 1.50 2.62 1.56 1.50 | 0.012 0.146 0.210 0.016 0.003 | |



To: ESO URANIUM CORP. 408 - 1199 WEST PENDER ST. VANCOUVER BC V6E 2R1 Page: 4 - A Total # Pages: 4 (A) Finalized Date: 27- SEP- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg 0.02 | Au- ICP2 I Au ppm 0.001 | |
|--|-----------------------------------|--------------------------------------|--|--|
| 36280 36281 36282 36283 36284 | | 1.56 1.14 1.72 1.84 1.42 | 0.003 0.006 0.029 0.020 0.051 | |
| 36285 36286 36287 36287 36288 36289 | | 1.40 1.60 2.44 3.08 1.38 | 0.158 0.016 0.068 0.015 0.023 | |
| 36290 36291 36292 36293 36293 36294 | | 1.58 1.28 2.46 1.06 1.46 | 0.008 0.006 0.099 0.006 <0.001 | |
| 36295 36296 36297 36298 36298 36299 | | 1.74 1.24 2.64 2.04 1.44 | 0.001 0.002 0.003 0.009 0.003 | |
| 36300 36301 36302 36303 36304 | | 2.56 2.62 1.56 3.46 1.20 | 0.075 0.574 0.003 0.006 0.035 | |
| 36305 36306 36307 36308 36309 | | 1.32 1.82 1.60 1.26 1.56 | 0.110 0.006 0.301 0.402 0.013 | |
| 36310 36311 36312 36313 36314 | | 1,96 1.80 1.92 1.30 0.98 | 0,005 0.009 0.007 0.002 0.017 | |
| 36315 36316 | | 0.82 1.46 | 0,007 0.013 | |



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

Ag- 0G62

ME- OG62

Page: 1 Finalized Date: 25- OCT- 2010 Account: ESOURA

VARIABLE

ICP-AES

CERTIFICATE VA10151301

Project: Monashee

P.O. No.:

This report is for 199 Rock samples submitted to our lab in Vancouver, BC, Canada on 14- OCT- 2010.

The following have access to data associated with this certificate:

GARRETT AINSWORTH

| | SAMPLE PREPARATION | l |
|-----------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | |
| FND- 02 | Find Sample for Addn Analysis | |
| | ANALYTICAL PROCEDUR | ES |
| ALS CODE | DESCRIPTION | INSTRUMENT |
| ME- ICP61 | 33 element four acid ICP- AES | ICP- AES |

Ore Grade Ag - Four Acid

Ore Grade Elements - Four Acid

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.

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: 2 - A Total # Pages: 6 (A - C) Finalized Date: 25- OCT- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | ME-1CP61 Ag ppm 0.5 | ME- 1CP63 Al % 0.01 | ME-ICP61 As ppm S | ME-ICP61 Ba ppm 10 | ME- ICP61 Be ppm 0.5 | ME- ICP61 Bí ppm 2 | ME-1CP61 Ca % 0.03 | ME-ICP6 Cd ppm 0.5 | ME-ICP61 Co ppm 1 | ME- ICP63 Cr ppm 1 | ME- ICP63 Cu ppm 1 | ME- ICP61 Fe % 0.03 | ME- ICP63 Ga ppm 10 | ME-1CP63 K % 0.01 | ME- ICP61 La ppm 10 |
|--------------------|-----------------------------------|------------------------------|------------------------------|----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|----------------------------|------------------------------|
| 36001 | | 1.7 | 6.20 | 11 | 520 | 0.5 | <2 | 13,7 | 0.6 | 13 | 141 | 34 | 3.00 | 10 | 0.76 | 20 |
| 36002 | | 1.0 | 5.71 | 20 | 700 | 0.6 | <2 | 13.5 | 0.5 | 10 | 91 | 36 | 3.02 | 10 | 0,96 | 20 |
| 36003 | | 4.3 | 7.04 | 188 | 730 | 0.6 | <2 | 11.15 | 0.9 | 14 | 98 | 96 | 3.93 | 10 | 1.28 | 20 |
| 36004 | | 1.7 | 5.87 | 11 | 770 | 0.7 | <2 | 12.80 | <0.5 | 10 | 120 | 40 | 3.41 | 10 | 1.11 | 20 |
| 36005 | | 20.8 | 6.27 | 485 | 1680 | 0,8 | <2 | 4.12 | 1.6 | 10 | 30 | 181 | 3.06 | 10 | 4.92 | 30 |
| 36006 | | 2.0 | 6.21 | 42 | 1130 | 0.8 | <2 | 10.65 | <0.5 | 11 | 99 | 61 | 3.37 | 10 | 1.53 | 20 |
| 36007 | | 1.4 | 6.02 | 72 | 790 | 0.7 | <2 | 11.60 | 0.6 | 12 | 109 | 37 | 3.11 | 10 | 1.40 | 20 |
| 36008 | | 48.0 | 5.39 | 99 | 910 | 0.6 | <2 | 12,40 | 0,6 | 10 | 99 | 78 | 2.67 | 10 | 1.43 | 20 |
| 36009 | | 0.7 | 6.87 | 6 | 1130 | 0.8 | <2 | 8.96 | <0.5 | 13 | 116 | 67 | 3.38 | 10 | 1.75 | 20 |
| 36010 | | 4.6 | 6.04 | 46 | 940 | U.7 | <2 | 9,30 | 1.6 | 11 | 302 | 52 | 3.13 | 10 | 1.79 | 20 |
| 36011 | | 4.3 | 6.36 | 508 | 930 | 0.7 | <2 | 9.50 | 1.6 | 14 | 121 | 53 | 3.65 | 10 | 1.70 | 20 |
| 36012 | | 2.2 | 6.40 | 78 | 1110 | 0.7 | <2 | 9.26 | <0.5 | 12 | 101 | 47 | 3.69 | 10 | 1.50 | 20 |
| 36013 | | 1.5 | 6.02 | 8 | 860 | 0.6 | <2 | 11.00 | <0.5 | 12 | 86 | 58 | 3.15 | 10 | 1.42 | 20 |
| 36014 | | 1.9 | 5.70 | 80 | 680 | 0.5 | <2 | 14.7 | <0.5 | 11 | 117 | 40 | 2.70 | 10 | 1.02 | 20 |
| 36015 | | 7.6 | 6.22 | 47 | 1030 | 0.6 | <2 | 8.65 | <0.5 | 13 | 97 | 46 | 3,18 | 10 | 7.43 | 20 |
| 36016 | | 1.3 | 6.15 | 1080 | 1190 | 0.8 | <2 | 8.86 | 0.6 | 11 | 86 | 41 | 2.85 | 10 | 1.88 | 20 |
| 36017 | | 2.4 | 7.18 | 2490 | 1460 | 1.2 | <2 | 6,96 | <0.5 | 14 | 40 | 74 | 3.57 | 10 | 3.69 | 30 |
| 36018 | | 3.4 | 5.90 | >10000 | 720 | 1.1 | <2 | 6.21 | <0.5 | 15 | 34 | 23 | 5.53 | 10 | 2.28 | 30 |
| 36019 | | 1.2 | 7,30 | 622 | 720 | 1.2 | <2 | 6.26 | <0.5 | 21 | 46 | 37 | 6.75 | 20 | 2.15 | 30 |
| 36020 | | 1.3 | 4.97 | 58 | 510 | 1.0 | <2 | 10.70 | <0.5 | 14 | 30 | 56 | 5,43 | 10 | 1.36 | 30 |
| 36021 | | 1.8 | 7.11 | 5250 | 640 | 1.2 | <2 | 8.67 | 0.6 | 19 | 49 | 40 | 5.62 | 20 | 1.72 | 30 |
| 36022 | | 2.5 | 7.37 | 542 | 680 | 1.3 | <2 | 6,04 | <0.5 | 20 | 40 | 47 | 7.09 | 20 | 2,18 | 30 |
| 36023 | | 4.1 | 8.08 | 995 | 610 | 1.3 | <2 | 6.66 | 1.4 | 22 | 38 | 39 | 7,18 | 20 | 1.78 | 30 |
| 36024 | | 3.4 | 7,88 | 1005 | 940 | 1.4 | <2 | 5.55 | <0.5 | 23 | 37 | 47 | 7.28 | 20 | 2,74 | 30 |
| 36025 | | 4.3 | 7.07 | 553 | 820 | 1.4 | <2 | 5.87 | 3.0 | 23 | 38 | 32 | 7.25 | 20 | 2.47 | 30 |
| 36026 | | 3.3 | 7.00 | 4960 | 570 | 1.3 | <2 | 6.45 | 0.5 | 23 | 37 | 25 | 7.82 | 20 | 2.42 | 30 |
| 36027 | | 10.0 | 6.60 | 564 | 1000 | 0.9 | <2 | 9.20 | 1.2 | 15 | 84 | 54 | 4.76 | 10 | 1.75 | 30 |
| 36028 | | 1.8 | 6.67 | 1040 | 960 | 1.1 | <2 | 9.84 | <0.5 | 14 | 84 | 43 | 4.66 | 10 | 2.00 | 10 |
| 36029 | | 8.5 | 7.06 | 3100 | 580 | 1.5 | 2 | 5.78 | 0.9 | 17 | 38 | 45 | 6.26 | 10 | 2.57 | 20 |
| 36030 | | 0.0 | 1.82 | 541 | 1090 | 1.6 | 2 | 5.20 | ×0.5 | 19 | | 50 | 6.76 | 10 | 3.24 | 20 |
| 36031 | | 5.B | 5.68 | 5550 | 490 | 1.2 | 2 | 4,89 | 0.8 | 12 | 32 | 35 | 5.09 | 10 | 2.19 | 20 |
| 36032 | | 0.7 | 6.93 | 296 | 930 | 1.1 | <2 | 8.24 | <0.5 | 14 | 103 | 46 | 4.97 | 10 | 1.99 | 20 |
| 36033 | | 0.8 | 7.6B | 1290 | 1290 | 1.0 | <2 | 9.08 | <0.5 | 15 | 127 | 52 | 4.32 | 10 | 1.88 | 10 |
| 30034 | | 0.5 | 7.35 | 13 | 1070 | 0.7 | <2 | 9.93 | <0.5 | 10 | 106 | 49 | 3.90 | 10 | 1.50 | 10 |
| 30035 | | U.5 | 7.08 | 33 | 960 | 1.0 | <2 | 9.29 | ×U.5 | 13 | rU'i | 49 | 4.12 | ۶U | 1.01 | 10 |
| 36036 | | <0.5 | 6.01 | 23 | 770 | 0.8 | <2 | 9,38 | <0.5 | 12 | 111 | 48 | 3.92 | 10 | 0.99 | 10 |
| 36037 | | 1.9 | 5.32 | 889 | 940 | 0.7 | <2 | 10.85 | 0.5 | 11 | 132 | 93 | 4.17 | <10 | 1.33 | 10 |
| 36038 | | 0.8 | 5.88 | 50 | 1020 | 0,7 | <2 | 11.20 | <0.5 | 8 | 89 | 52 | 3.11 | 10 | 7,53 | 10 |
| 36039 | | 1.2 | 1.02 6 75 | 24 | 1180 | 3.1 | <2 | 7,62 | <0.5 | 10 | /5 60 | 66 57 | 3.0/ | 10 | ∠.3∠ 2.40 | 20 20 |
| 50040 | | 1.0 | 0.70 | 221 | 1200 | ŧ.U | ~~ | 0.40 | ∿ 0,3 | 10 | 03 | 57 | 3.7 1 | 10 | 2.73 | 20 |



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

Page: 2 - B Total # Pages: 6 (A - C) Finalized Date: 25- OCT- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | ME- ICP61 Mg % 0.01 | ME-ICP61 Mn ppm S | ME- ICP61 Mo ppm] | ME- ICP61 Na % 0.01 | ME·ICP61 Ní ppm } | ME-ICP61 p ppm 10 | ME- ICP61 Pb ppm 2 | ME- ICP61 S % 0.03 | ME- ICP61 Sb ppm S | ME- ICP61 Sc ppm 1 | ME- ICP61 Sr ppm 1 | ME-ICP61 Th ppm 20 | ME- ICP61 Ti % 0.01 | ME-ICP61 Ti ppm 10 | ME-ICP61 U ppm 10 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|
| 36001 | | 1.58 | 674 | 2 | 2.26 | 61 | 710 | <2 | 0,46 | <5 | 14 | 1280 | <20 | 0.33 | <10 | <10 |
| 36002 | | 1.55 | 545 | 8 | 1.35 | 54 | 710 | 4 | 0.38 | 5 | 14 | 1290 | <20 | 0.31 | <10 | 10 |
| 36003 | | 1.84 | 812 | 5 | 2.25 | 55 | 890 | 816 | 1.23 | 852 | 15 | 1300 | <20 | 0.40 | <10 | <10 |
| 36004 | | 1.60 | 864 | 33 | 1.37 | 59 | 770 | <2 | 0.45 | <5 | 14 | 1100 | <20 | 0.32 | <10 | <10 |
| 36005 | | 0.87 | 364 | 2 | 1.27 | 16 | 760 | 2010 | 1.35 | 1895 | 11 | 897 | <20 | 0.22 | <10 | <10 |
| 36006 | | 1.76 | 547 | 30 | 1.44 | 59 | 960 | 8 | 0.70 | 15 | 16 | 1110 | <20 | 0,35 | <10 | 10 |
| 36007 | | 1.75 | 649 | 20 | 1,43 | 64 | 710 | <2 | 0.46 | 7 | 15 | 1020 | <20 | 0.33 | <10 | <10 |
| 36008 | | 1.66 | 647 | 28 | 1.24 | 52 | 770 | 33 | 0,37 | 35 | 13 | 1140 | <20 | 0.29 | <10 | <10 |
| 36009 | | 1.92 | 452 | 17 | 1.72 | 70 | 850 | <2 | 0.70 | <5 | 17 | 1060 | <20 | 0.39 | <10 | <10 |
| 36010 | | 1.61 | 658 | 18 | 1.35 | 64 | 820 | 7 | 0.83 | 20 | 16 | 1010 | <20 | 0.35 | <10 | <10 |
| 36011 | | 1.47 | 527 | 8 | 1.31 | 66 | 760 | 35 | 1.35 | 26 | 16 | 911 | <20 | 0.36 | <10 | <10 |
| 36012 | | 1.96 | 479 | 2 | 1.61 | 62 | 850 | 2 | 0.92 | 6 | 17 | 1210 | <20 | 0.38 | <10 | <10 |
| 36013 | | 1.84 | 489 | 4 | 1.43 | 55 | 720 | <2 | 0.59 | <5 | 15 | 1410 | <20 | 0.31 | <10 | <10 |
| 36014 | | 1.86 | 633 | 2 | 1.58 | 62 | 660 | <2 | 0.42 | 5 | 13 | 1620 | <20 | 0.30 | <10 | <10 |
| 36015 | | 2.63 | 512 | 6 | 1.51 | 67 | 730 | <2 | 0.42 | 7 | 15 | 1130 | <20 | 0.35 | <10 | <10 |
| 36016 | | 1.90 | 618 | 6 | 1.47 | 52 | 710 | 3 | 0,71 | 7 | 14 | 1030 | <20 | 0.31 | <10 | 10 |
| 36017 | | 1.22 | 786 | 4 | 1.75 | 19 | 1710 | 10 | 1.70 | 7 | 19 | 902 | <20 | 0.33 | <10 | 10 |
| 36018 | | 1,26 | 1085 | 2 | 1.32 | 9 | 2280 | 18 | 2.54 | 30 | 26 | 612 | <20 | 0,38 | <10 | <10 |
| 36019 | | 2.59 | 1150 | 1 | 1,40 | 12 | 3340 | 3 | 0.88 | 9 | 38 | 677 | <20 | 0.57 | <10 | <10 |
| 36020 | | 4.50 | 1235 | 4 | 0.68 | 14 | 1790 | 6 | 0.90 | 6 | 19 | 752 | <20 | 0.32 | <10 | <10 |
| 36021 | | 1.70 | 1065 | 1 | 1.48 | 20 | 2910 | 6 | 2.14 | 21 | 30 | 807 | <20 | 0.50 | <10 | <10 |
| 36022 | | 2.64 | 1195 | 1 | 1.56 | 7 | 2880 | 217 | 1,20 | 214 | 31 | 819 | <20 | 0.51 | <10 | <10 |
| 36023 | | 2.83 | 1240 | 1 | 1.69 | 10 | 3130 | 490 | 0.66 | 486 | 33 | 1040 | <20 | 0.54 | <10 | <10 |
| 36024 | | 2.90 | 1175 | 1 | 1.82 | 10 | 3080 | 180 | 1.12 | 179 | 35 | 905 | <20 | 0.56 | <10 | <10 |
| 36025 | | 2.86 | 1320 | | 1.54 | (| 3120 | 904 | 1,03 | 912 | 36 | 799 | <20 | 0,55 | <10 | <10 |
| 36026 | | 2.04 | 1200 | 1 | 1.28 | 11 | 2930 | 14 | 3.57 | 19 | 33 | 615 | <20 | 0.48 | <10 | <10 |
| 36027 | | 2.81 | 834 | 3 | 1.21 | 49 | 1850 | 1130 | 0.93 | 1140 | 27 | 1030 | <20 | 0.44 | <10 | <10 |
| 36028 | | 2.55 | 1345 | <1 | 1.70 | 64 | 1/40 | 20 | 1.55 | 18 | 26 | 937 | <20 | 0.44 | <10 | <10 |
| 36029 | | 2.34 | 1055 | <1 | 1.95 | 10 | 2580 | /3/ | 1,91 | 683 | 29 | 706 | <20 | 0.42 | <10 | <10 |
| 36030 | | 2.02 | 1070 | < | 1.91 | 6 | 29.30 | 18 | 2.38 | 13 | 32 | 896 | <20 | U.47 | <10 | <10 |
| 36031 | | 1.24 | 857 | <1 | 1.41 | 6 | 1950 | 626 | 3.39 | 597 | 21 | 680 | <20 | 0.30 | <10 | <10 |
| 36032 | | 2.55 | 957 | 4 | 1.77 | 50 | 1/20 | 11 | 1,09 | 13 | 23 | 991 | <20 | 0.41 | <10 | <10 |
| 36033 | | 2.11 | 754 | 6 | 1.84 | 78 | 850 | 37 | 1.53 | 29 | 19 | 1120 | <20 | 0.42 | <10 | 10 |
| 30034 | | 1.92 | 632 | 4 | 1.78 | 76 | 840 | 1 | 1.22 | 5 | 19 | 1120 | <20 | 0.43 | <10 | 10 |
| 30035 | | 2.48 | 886 | 31 | 1.72 | (4 | 3270 | | 1,05 | b | 19 | 1065 | <20 | 0.38 | <10 | <10 |
| 36036 | | 2.18 | 626 | 5 | 1.38 | 91 | 910 | 5 | 0.65 | 25 | 16 | 924 | <20 | 0.35 | <10 | <10 |
| 36037 | | 2.03 | 547 | 30 | 1.25 | 109 | 710 | 133 | 1.66 | 40 | 14 | 979 | <20 | 0.30 | <10 | <10 |
| 36038 | · | 1.85 | 474 | 18 | 1.34 | 73 | 720 | 6 | 0.33 | 87 | 14 | 1145 | <20 | 0.31 | <10 | <10 |
| 36039 | | 1.68 | 462 | 21 | 1.90 | 47 | 1130 | 6 | 1.17 | 38 | 15 | 961 | <20 | 0.31 | <10 | 10 |
| 36040 | | 3.71 | 598 | 4 | 1.75 | 57 | 1080 | 1 | 1.28 | 54 | 16 | 952 | <20 | 0.32 | <10 | <10 |



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Page: 2 - C Total # Pages: 6 (A - C) Finalized Date: 25- OCT- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | ME- ICP6 i V ppm 1 | ME- ICP63 W ppm 10 | ME-1CP61 Zn ppm 2 | Ag- OG62 Ag ppm 1 | |
|---|-----------------------------------|---------------------------------|--|--------------------------------|----------------------------|--|
| 36001 36002 36003 36004 | | 116 132 144 205 | <10 <10 <10 <10 | 115 110 104 118 | · | |
| 36005 36006 36007 36008 36009 | | 129 211 155 145 194 | <10 <10 <10 <10 <10 | 36 110 101 100 93 | | |
| 36010 36011 36012 36013 | | 203 168 165 146 | <10 <10 <10 <10 <10 | 111 117 125 98 | | |
| 36014 36015 36016 36017 36018 | | 110 146 143 168 214 | <10 <10 <10 10 10 | 96 104 95 50 58 | | |
| 36019 36020 36021 36022 | | 329 189 250 287 | <10 <10 10 <10 | 109 110 80 108 | | |
| 36023 36024 36025 36026 36027 | | 304 299 300 281 252 | <10 <10 <10 10 <10 | 156 107 108 82 106 | | |
| 36027 36028 36029 36030 | | 202 265 244 266 184 | 10 10 <10 <10 10 | 74 88 87 44 | | |
| 36032 36033 36034 36035 | | 209 173 189 183 | <10 <10 <10 <10 | 92 76 83 99 | | |
| 36036 36037 36038 36039 36040 | | 158 143 154 158 156 | <10 <10 <10 <10 <10 <10 | 120 95 118 76 84 | | |



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Project: Monashee

| Sample Description | Method | ME-ICP61 | ME- ICP61 | ME- ICP6} | ME-ICP61 | ME- ICP61 | ME- ICP61 | ME- ICP6 } | ME-ICP61 | ME- ICP61 | ME- ICP61 | ME- ICP61 | ME- ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 |
|-------------------------|---------|----------------------|----------------------|----------------|---------------------|-------------------|----------------|------------------------|-------------|----------------|-------------------|----------------|----------------------|----------------|----------------------|----------------|
| | Analyte | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
| | Units | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | % | ppm |
| | LOR | 0.5 | 0.01 | 5 | 10 | 0.5 | 2 | 0.0 } | 0.5 | 1 | 1 | 1 | 0.01 | 10 | 0.01 | 10 |
| 36041 | | 0.8 | 6,21 | 72 | 1190 | 0.9 | <2 | 9.25 | <0.5 | 11 | 101 | 65 | 3.64 | 10 | 1,83 | 10 |
| 36042 | | 0.5 | 5.95 | 21 | 1250 | 0.8 | <2 | 10.25 | <0.5 | 11 | 127 | 56 | 3.43 | 10 | 1,38 | 10 |
| 36043 | | 0.6 | 6.05 | 8 | 1060 | 0.8 | <2 | 9.26 | <0.5 | 13 | 136 | 57 | 3.73 | 10 | 1,33 | 10 |
| 36044 | | 0.7 | 5.74 | 42 | 1680 | 0.6 | <2 | 10.10 | <0.5 | 12 | 185 | 45 | 3.07 | 10 | 1.06 | 10 |
| 36045 | | 1.1 | 5.18 | 114 | 1120 | 0.7 | <2 | 8.14 | 1.1 | 10 | 136 | 38 | 3.09 | 10 | 1.56 | 10 |
| 36046 | | 0.9 | 5.91 | 37 | 1200 | 0,8 | <2 | 9.16 | 0.7 | 12 | 171 | 57 | 3.47 | 10 | 1.65 | 10 |
| 36047 | | 1.0 | 6.34 | 82 | 760 | 0,7 | <2 | 9.26 | 0.6 | 11 | 176 | 46 | 3.66 | 10 | 1.75 | 10 |
| 36048 36049 | | 0.6 0.8 | 5.60 5.48 7.24 | 27 8 | 1400 1020 | 0.7 0.5 | <2 <2 | 9.73 11.75 | <0.5 0.5 | 10 10 | 141 155 | 46 38 | 3.21 2.96 | 10 10 | 1.78 1.00 | 10 10 |
| 36050 | | 0.5 | 6.69 | 47 | 790 | 0.7 | <2 | 5.95 | 0.5 | 15 | 112 | 47 | 3.53 | 10 | 0.76 | 10 |
| 36052 | | 0.9 | 5.84 | 13 | 1250 | 0.7 | <2 | 8.83 | 0.5 | 12 | 183 | 44 | 3.45 | 10 | 1.39 | 10 |
| 36053 | | 0.5 | 6.57 | 18 | 1160 | 0.5 | <2 | 9.26 | <0.5 | 15 | 350 | 32 | 3.53 | 10 | 0.95 | 10 |
| 36054 | | <0.5 | 6.58 | 12 | 1090 | 0.6 | <2 | 9,64 | <0.5 | 14 | 244 | 27 | 3.29 | 10 | 0.87 | 10 |
| 36055 | | 0.6 0.5 | 5.93 | 14 | 1150 | 0.6 | <2 | 9.07 | <0.5 | 11 | 169 135 | 31 | 3.12 | 10 | 1.11 | 10 |
| 36057 36058 | | 0.6 | 5.94 6.56 | 8 <5 | 1070 1010 | 0.7 0.8 | <2 <2 | 9.92 5.90 | 0.5 0.7 | 10 13 | 138 132 | 46 54 | 3.16 3.77 | 10 10 10 | 1.29 1.25 | 10 10 10 |
| 36059 | | 0.8 | 6.99 | <5 | 1160 | 0.8 | <2 | 5.38 | 0.7 | 12 | 129 | 49 | 4.28 | 10 | 1.29 | 10 |
| 36060 | | <0.5 | 6.83 | 8 | 1500 | 0.7 | <2 | 6,08 | <0.5 | 14 | 280 | 35 | 3.75 | 10 | 1.18 | 10 |
| 36061 | | 0.7 | 5.66 | <5 | 1290 | 0.7 | <2 | 8.86 | 0.7 | 10 | 123 | 54 | 3.30 | 10 | 1.39 | 10 |
| 36062 | | 0.6 | 5.60 | 5 | 1190 | 0.7 | <2 | 9.20 | 0.7 | 10 | 120 | 42 | 3.07 | 10 | 1.36 | 10 |
| 36063 36064 36065 | | 0.6 <0.5 <0.5 | 5.87 4.86 5.72 | <5 11 <5 | 1110 820 1200 | 0.6 0.6 0.7 | <2 <2 <2 | 11.10 10.75 9.40 | 0,6 1.1 | 14 12 11 | 215 120 166 | 45 40 44 | 3.37 2.73 3.11 | 10 10 10 | 1.20 0.99 1.37 | 10 10 10 |
| 36066 | | <0.5 | 5.64 | 7 | 1220 | 0.1 D.8 0.7 | <2 | 6.66 | 1.2 | 12 | 126 | 46 | 3.22 | 10 | 1.49 | 10 |
| 36068 36069 | | <0.5 <0.5 <0.5 | 5.85 4.74 | 5 | 1230 1220 750 | 0.7 0.6 | <2 <2 <2 | 8.36 9.09 | 0.6 0.9 | 13 13 10 | 181 121 | 46 49 | 3.17 3.03 | 10 10 10 | 1.37 | 10 10 10 |
| 36070 | | <0.5 <0.5 | 5.24 6.03 | <5 <5 | 1190 1260 | 0.6 | <2 | 9.66 | 1.0 | 12 | 143 119 | 40 | 2.99 | 10 10 | 1.07 | 10 10 |
| 36072 | | <0.5 | 6,04 | <5 | 1270 | 0.8 | 3 | 7.06 | 1.0 | 13 | 138 | 50 | 3.49 | 10 | 1.49 | 10 |
| 36073 | | <0.5 | 5,54 | <5 | 1090 | 0.7 | <2 | 9.97 | 1.1 | 12 | 123 | 49 | 3.11 | 10 | 1.16 | 10 |
| 36074 | | <0.5 | 5.84 | <5 | 1180 | 0.7 | 2 | 7.67 | 1.0 | 12 | 165 | 46 | 3.38 | 10 | 1.38 | 10 |
| 36075 | | <0.5 | 5.10 | <5 | 1140 | 0.6 | <2 | 9.41 | 0.8 | 13 | 177 | 46 | 3.07 | 10 | 1.25 | 10 |
| 36076 | | <0.5 | 5,83 | <5 | 1090 | 0.6 | <2 | 7.98 | 1,0 | 12 | 129 | 44 | 3,40 | 10 | 1.32 | 10 |
| 36077 | | <0.5 | 5,67 | <5 | 1080 | 0.7 | <2 | 7.80 | 1.2 | 12 | 137 | 47 | 3.38 | 10 | 1.40 | 10 |
| 36078 | | <0.5 | 5,14 | 8 | 880 | 0.5 | <2 | 11.75 | 0,7 | 11 | 182 | 34 | 2.71 | 10 | 0.99 | 10 |
| 36079 | | <0.5 | 8.69 | 22 | 1640 | 1.2 | <2 | 9.25 | 0.5 | 14 | 61 | 54 | 4.75 | 20 | 2.31 | 10 |
| 36080 | | <0.5 | 6.91 | 71 | 1240 | 1.1 | <2 | 4.30 | <0.5 | 16 | 30 | 95 | 5.18 | 20 | 3.37 | 10 |



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Project: Monashee

| Sample Description | Method Analyte Units LOR | ME- ICP61 Mg % 0.01 | ME-ICP61 Mn ppm S | ME- ICP61 Mo ppm } | ME- ICP63 Na % 0.01 | ME- ICP61 Ni ppm } | ME- ICP61 P ppm 10 | ME-ICP61 Pb ppm 2 | ME- ICP61 S % 0.01 | ME- ICP61 Sb ppm S | ME- ICP61 Sc ppm 1 | MÉ- ICP6) Sr ppm 1 | ME-ICP6} Th ppm 20 | ME- ICP6 } Ti % 0,0 } | ME- ICP63 T1 ppm 10 | ME- ICP61 U ppm 10 |
|--------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|-----------------------------|
| 36041 | | 1,95 | 499 | 7 | 1.58 | 79 | 880 | 2 | 0,85 | 44 | 16 | 991 | <20 | 0,34 | <10 | <10 |
| 36042 | | 2.16 | 473 | 1 | 1.41 | 99 | 800 | 5 | 1.01 | <5 | 15 | 980 | <20 | 0.32 | <10 | <10 |
| 36043 | | 2.43 | 434 | 1 | 1.47 | 120 | 840 | 2 | 1.26 | <5 | 17 | 960 | <20 | 0.34 | <10 | <10 |
| 36044 | | 2.30 | 523 | 1 | 1.72 | 108 | 690 | 7 | 0.81 | <5 | 14 | 1140 | <20 | 0.30 | <10 | 10 |
| 36045 | | 1.32 | 392 | <1 | 0.87 | 90 | 640 | 5 | 1.00 | 22 | 14 | 559 | <20 | 0.27 | <10 | <10 |
| 36046 | | 2.10 | 418 | <1 | 0.85 | 109 | 760 | 7 | 1.27 | 10 | 15 | 765 | <20 | 0.33 | <10 | <10 |
| 36047 | | 1.80 | 489 | <1 | 0.70 | 98 | 700 | 5 | 1.47 | 40 | 15 | 655 | <20 | 0.32 | <10 | <10 |
| 36048 | | 2.36 | 448 | <1 | 0.88 | 91 | 720 | 6 | 0.80 | <5 | 15 | 736 | <20 | 0.33 | <10 | <10 |
| 36049 | | 2.03 | 614 | <1 | 1.69 | 83 | 600 | 4 | 0.99 | 5 | 12 | 1095 | <20 | 0.27 | <10 | <10 |
| 36050 | | 3.03 | 614 | < 1 | Z.6Z | 135 | | 5 | 0.42 | <5 | 16 | 853 | <20 | 0,38 | <10 | 10 |
| 36051 | | 2.56 | 360 | <1 | 2.47 | 75 | 690 | 3 | 1.07 | <5 | 18 | 553 | <20 | 0.33 | <10 | 10 |
| 36052 | Ì | 2.42 | 434 | 1 | 1.36 | 120 | 750 | 6 | 1.05 | <5 | 15 | 791 | <20 | 0.31 | <10 | 10 |
| 36053 | | 2.89 | 773 | <1 | 2.15 | 167 | 690 | 3 | 0.46 | <5 | 15 | 840 | <20 | 0.34 | <10 | 10 |
| 36054 | | 2.93 | 625 | <1 | 2.38 | 133 | 660 | 4 | 0.36 | <5 | 15 | 783 | <20 | 0.34 | <10 | 10 |
| 50055 | | 1.30 | 555 | ~ 1 | 1,96 | 04 | 670 | 4 | U.00 | ~ 5 | | 671 | <20 | 0.29 | ~10 | 10 |
| 36056 | | 2.02 | 480 | <1 | 1.96 | 77 | 690 | 4 | 0.63 | <5 | 15 | 863 | <20 | 0.31 | <10 | 10 |
| 36057 | | 2.01 | 511 | <1 | 1.67 | 76 | /10 | 4 | 0.61 | <5 | 14 | 765 | <20 | 0.32 | <10 | <10 |
| 36058 | | 2.39 | 343 | 7 - 1 | 1,89 | 86 | 720 | 9 | 0.83 | <5 | 16 | 597 | <20 | 0.36 | <10 | 10 |
| 36059 | | 2.64 | 3/2 | <1 | 2,03 | 110 | 880 | 6 | 1.05 | <0 | 19 | 569 | <20 | 0.37 | <10 | 10 |
| 50000 | | 5.57 | 515 | ~ | 2,14 | 143 | 720 | 4 | 0.45 | N 0 | 10 | | <20 | 0.35 | ~10 | 10 |
| 36061 | | 2.07 | 447 | <1 | 1.30 | 86 | 750 | 7 | 1.03 | <5 | 15 | 755 | <20 | 0.31 | <10 | <10 |
| 36062 | | 2.60 | 401 | 1 | 1.05 | 106 | 710 | 4 | 0.70 | <5 | 14 | 825 | <20 | 0.30 | <10 | <10 |
| 36063 | | 2.63 | 566 | 1 | 1.63 | 144 | 830 | 5 | 0.94 | <5 | 14 | 962 | <20 | 0.30 | <10 | 10 |
| 36064 | | 2.01 | 368 | 2 | 1.27 | 93 | 630 | 8 | 0.78 | <5 | 12 | 868 | <20 | 0.27 | <10 | 10 |
| 30005 | | 2.40 | 429 | ۲ | 1,42 | 104 | 790 | 4 | 0,60 | <> | 50 | /0/ | ~20 | 0.32 | ~10 | 10 |
| 36066 | | 2.69 | 332 | 2 | 0.92 | 91 | 720 | 5 | 0.79 | <5 | 15 | 632 | <20 | 0.32 | <10 | 10 |
| 36067 | | 2.63 | 407 | 3 | 1.27 | 116 | 780 | 5 | 0.76 | <5 | 14 | 884 | <20 | 0.28 | <10 | 10 |
| 30008 | | 2.36 | 390 | 2 | 1.01 | 107 | 730 | 3 | 0.95 | <5 40 | 15 | 842 760 | <20 | 0.32 | <10 | 10 |
| 36070 | | 2.00 | 419 | 2 | 1.55 | 94 | 690 | 10 | 0.94 | ;∠ <5 | 13 | 928 | <20 | 0.20 | <10 | 10 |
| 36071 | | 2 50 | 388 | 1 | 1 60 | | 720 | 8 | 0.81 | <5 | 16 | 902 | <20 | 0.33 | <10 | 10 |
| 36072 | | 2.63 | 397 | 2 | 1.68 | 98 | 810 | 5 | 0.82 | <5 | 17 | 809 | <20 | 0.35 | <10 | 10 |
| 36073 | | 2.48 | 410 | 2 | 1.66 | 89 | 780 | 6 | 1.05 | <5 | 14 | 906 | <20 | 0.29 | <10 | 10 |
| 36074 | | 3.02 | 400 | 2 | 1.26 | 121 | 760 | 7 | 0.84 | <5 | 15 | 773 | <20 | 0.32 | <10 | 10 |
| 36075 | | 2.55 | 415 | 2 | 1.14 | 117 | 680 | 6 | 0.88 | <5 | 13 | 825 | <20 | 0,27 | <10 | 10 |
| 36076 | | 2.50 | 473 | 2 | 1.63 | 109 | 770 | 4 | 0.70 | <5 | 15 | 710 | <20 | 0.32 | <10 | 10 |
| 36077 | | 2.47 | 413 | 2 | 1.39 | 96 | 760 | 3 | 0.94 | <5 | 15 | 706 | <20 | 0.32 | <10 | 10 |
| 36078 | | 1.93 | 542 | 1 | 1.81 | 101 | 650 | 2 | 0.73 | <5 | 13 | 972 | <20 | 0.28 | <10 | 10 |
| 36079 | | 2.41 | 780 | 4 | 2.08 | 41 | 1460 | 5 | 0.80 | <5 | 24 | 1425 | <20 | 0.50 | <10 | 10 |
| 36080 | | 1,71 | 718 | 4 | 1.63 | 10 | 1690 | 6 | 1,93 | 7 | 19 | 937 | <20 | 0.35 | <10 | 10 |



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Project: Monashee

| Sample Description | Method Analyte Units LOR | ME-ICP61 V ppm } | ME- ICP61 W ppm 10 | ME- ICP61 Zn ppm 2 | Ag- OG62 Ag ppm I | |
|--------------------|-----------------------------------|---------------------------|-----------------------------|-----------------------------|----------------------------|--|
| 36041 | | 164 | <10 | 100 | | |
| 36042 | | 152 | <10 | 113 | | |
| 36043 | | 168 | <10 | 119 | | |
| 36044 | | 124 | <10 | 88 | | |
| 36045 | | 143 | <10 | 147 | | |
| 36046 | | 157 | <10 | 136 | | |
| 36047 | | 142 | 10 | 128 | | |
| 36048 | | 138 | <10 | 109 | | |
| 36049 | | 100 | <10 | 78 | | |
| 36050 | | 122 | <10 | 95 | | |
| 36051 | | 148 | <10 | 123 | | |
| 36052 | | 149 | <10 | 115 | | |
| 36053 | | 131 | <10 | 94 | | |
| 36054 | | 127 | <10 | 86 | | |
| 36055 | | 120 | <10 | 90 | | |
| 36056 | | 130 | <10 | 109 | | |
| 36057 | | 139 | <10 | 108 | | |
| 36058 | | 170 | <10 | 153 | | |
| 36059 | | 173 | <10 | 138 | | |
| 36060 | | 148 | <10 | 103 | | |
| 36061 | | 151 | <10 | 115 | | |
| 36062 | | 146 | <10 | 115 | | |
| 36063 | | 131 | <10 | 108 | | |
| 36064 | | 129 | <10 | 108 | | |
| 36065 | | 153 | <10 | 118 | | |
| 36066 | | 156 | <10 | 155 | | |
| 36067 | | 139 | <10 | 108 | | |
| 36068 | | 139 | <10 | 102 | | |
| 36069 | | 129 | <10 | 132 | | |
| 36070 | | 135 | <10 | 131 | | |
| 36071 | | 148 | <10 | 141 | | |
| 36072 | | 160 | <10 | 132 | | |
| 36073 | | 136 | <10 | 140 | | |
| 36074 | | 158 | <10 | 127 | | |
| 36075 | | 133 | <10 | 110 | | |
| 36076 | | 147 | <10 | 118 | | |
| 36077 | | 157 | <10 | 168 | | |
| 36078 | | 113 | <10 | 99 | | |
| 36079 | | 204 | <10 | 131 | | |
| 36080 | | 168 | <10 | 68 | | |



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Page: 4 - A Total # Pages: 6 (A - C) Finalized Date: 25- OCT- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | ME-ICP61 Ag ppm 0.5 | ME- ICP61 Al % 0.01 | ME- ICP61 As ppm 5 | ME-ICP6} Ba ppm 10 | ME- 1СРб1 Ве ррті 0.5 | ME- ICP61 Bi ppm 2 | ME-1CP61 Ca % 0.01 | ME-ICP61 Cd ppm 0.5 | ME- ICP61 Co ppm 1 | ME-1CP61 Cr ppm 1 | ME- ICP61 Cu ppm 1 | ME- ICP61 Fe % 0.01 | ME-ICP61 Ga ppm 10 | ME- ICP61 K % 0.01 | ME-ICP61 La ppm 30 |
|--------------------|-----------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|
| 36081 36082 | | <0.5 <0.5 | 7.90 8.14 | 19 12 | 1270 1870 | 1.2 1.2 | <2 <2 | 5.16 6.21 | <0.5 <0.5 | 17 13 | 39 32 | 63 42 | 5.42 4.96 | 20 20 | 3.60 3.79 | 10 20 |
| 36083 | | <0.5 | 6.71 | 14 | 940 | 1.1 | <2 | 10.80 | 0.6 | 16 | 111 | 98 | 5.37 | 20 | 1.26 | 10 |
| 36084 | | <0.5 | 7.24 | 10 | 1250 | 0.9 | <2 | 10,60 | 0.8 | 13 | 84 | 56 | 4,34 | 20 | 1.40 | 10 |
| 36085 | | 5.8 | 6.12 | 5710 | 810 | 0.9 | <2 | 7.03 | <0.5 | 13 | 35 | 45 | 5.54 | 10 | 2.09 | 10 |
| 36086 | | <0.5 | 8.05 | 101 | 1450 | 1.2 | <2 | 5.66 | 0.5 | 19 | 35 | 55 | 5.81 | 20 | 3.27 | 20 |
| 36087 | | <0.5 | 7.59 | 9 | 720 | 1.0 | <2 | 5.37 | <0.5 | 24 | 211 | 19 | 5.22 | 20 | 1,39 | 20 |
| 36088 | | <0.5 | 7.58 | 9 | 680 | 1.0 | <2 | 5.57 | <0.5 | 24 | 229 | 21 | 5.52 | 20 | 1.34 | 30 |
| 36089 | | <0,5 1.4 | 7.50 | ះរ 2810 | 970 870 | 1.4 | <2 | 5.63 | <0.5 | ∠ i 17 | 41 | 38 | 5.83 | 20 | 3,02 | 20 |
| 36090 | | <0.6 | 7.14 | 2010 | 710 | 1.4 | ~2 | 5.09 | <0.5 | 20 | 40 | 49 | 0.02 C 45 | 20 | 2.01 | 20 |
| 36097 | | <0.5 | 6.53 | 1520 | 710 | 1.4 | <2 | 5.08 | <0.5 0.9 | 20 | 44 | 40 | 6.45 | 20 | 2.05 | 20 |
| 36093 | | <0.5 | 7.36 | 5 | 1050 | 1.4 | <2 | 5.22 | <0.5 | 20 | 42 | 53 | 6.42 | 20 | 2.95 | 20 |
| 36094 | | 1.1 | 6.69 | 3540 | 1140 | 1.3 | <2 | 6.22 | 0.6 | 17 | 34 | 48 | 5.37 | 20 | 3.35 | 10 |
| 36095 | | <0.5 | 7.63 | 16 | 1140 | 1.4 | <2 | 5.41 | <0.5 | 23 | 40 | 68 | 6.85 | 20 | 3.08 | 20 |
| 36096 | | <0.5 | 7.27 | 80 | 960 | 1.4 | <2 | 5.18 | <0.5 | 21 | 37 | 55 | 6.25 | 20 | 2.76 | 20 |
| 36097 | | <0.5 | 7.29 | 601 | 1040 | 1.4 | <2 | 5.33 | <0.5 | 18 | 39 | 58 | 5.89 | 20 | 2.92 | 20 |
| 36098 | | <0.5 | 7.61 | 510 | 1050 | 1.6 | <2 | 5.10 | <0.5 | 18 | 34 | 52 | 5.91 | 20 | 3.18 | 20 |
| 36099 | | <0.5 | 7.57 | 25 | 1130 | 1.5 | <2 | 4.71 | <0.5 | 18 | 33 | 57 | 5.81 | 20 | 3.30 | 20 |
| 36100 | | 2.7 | 7.53 | 4340 | 1130 | 1.5 | <2 | 5.49 | 1,0 | 14 | 39 | 4/ | 5.17 | 20 | 3.51 | 30 |
| 36101 | | <0.5 | 7.58 | 49 | 1010 | 1.5 | <2 | 7.86 | <0.5 | 15 | 81 | 45 | 5.31 | 20 | 2.64 | 30 |
| 36102 | | 10 | 6.78 | 1340 | 880 | 1.6 | <2 | 5.72 | <0.5 | 19 | 48 | 37 | 6.96 | 20 | 2.92 | 30 |
| 36104 | | <0.5 | 7.66 | 88 | 1130 | 1.4 | <2 | 5.21 | <0.5 | 14 | 44 | 38 | 5.29 | 20 | 3 35 | 30 |
| 36105 | | <0.5 | 7,70 | 31 | 680 | 1,0 | <2 | 5.47 | <0.5 | 25 | 242 | 22 | 5,51 | 20 | 1.29 | 30 |
| 36106 | | <0.5 | 7.91 | 8 | 1090 | 1.6 | <2 | 4.49 | <0.5 | 19 | 86 | 35 | 5.87 | 20 | 2,80 | 30 |
| 36107 | | <0.5 | 7.89 | 1340 | 980 | 1.8 | <2 | 5.30 | <0.5 | 15 | 34 | 43 | 5.93 | 20 | 2.99 | 30 |
| 36108 | | <0.5 | 7.46 | 138 | 1050 | 1.7 | <2 | 4.85 | <0.5 | 16 | 42 | 61 | 5.61 | 20 | 3.03 | 30 |
| 36109 | | <0.5 | 8.20 | 456 | 1200 | 1.8 | <2 | 4.95 | <0.5 | 14 | 38 | 72 | 5.52 | 20 | 3.59 | 30 |
| 36110 | | <0.5 | 7.96 | 112 | 1210 | 1.8 | <2 | 4.71 | <0.5 | 14 | 36 | 88 | 5.60 | 20 | 3.62 | 30 |
| 36111 | | 1.9 | 7.38 | 1750 | 960 | 1.7 | <2 | 4.89 | 0.8 | 13 | 33 | 81 | 5.11 | 20 | 2.99 | 30 |
| 36112 | | <0.5 | 7.92 | 18 | 1200 | 1.9 | <2 | 4,38 | <0.5 | 12 | 36 | 87 | 4.98 | 20 | 3.73 | 30 |
| 36113 | | <0.5 | 7.79 | 546 | 1160 | 2.0 | <2 | 4.41 | <0.5 | 12 | 29 | 61 | 4.72 | 20 | 3,59 | 30 |
| 30114 | | 2.5 | 5.14 | 1750 | 820 1450 | 0.7 | <2 | 818 | 3.9 | 14 | 144 | 20 60 | 3,04 | 20 | 1 49 | 20 |
| C110C | | 4.1 | 0.40 | 210 | 1430 | 0,0 | ~~ | 0.10 | 1.4 | | 144 | | 0.02 | | 1 55 | 20 |
| 36116 | | 2.8 | 6.18 6.20 | 953 | 1210 | 0.8 | <2 | 8.02 | 2.0 | 13 | 126 | 60 68 | 3,59 3,78 | 20 | 1.55 | 20 |
| 3011/ | | <0.5 | 0.39 6.26 | 15 | 1500 | 0.0 | <2 | 0.74 10.45 | 0.0 | 10 | 130 | 54 | 3.70 | 10 | 1.00 | 20 |
| 36310 | | 0.0 | 5.45 | 1800 | 1350 | 0.7 | <2 | 11.65 | 22 | <u>، د</u> 10 | 132 | 44 | 3.12 | 10 | 1,19 | 20 |
| 36120 | | <0.5 | 5.69 | 839 | 920 | 0.7 | <2 | 7.99 | 0.6 | 11 | 158 | 51 | 3.35 | 10 | 1.31 | 20 |
| 1 | | | | | | | | | | | | | | | | |



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: 4 - B Total # Pages: 6 (A - C) Finalized Date: 25- OCT- 2010 Account: ESOURA

CERTIFICATE OF ANALYSIS VA10151301

Project: Monashee

| Sample Description | Method Analyte Units LOR | ME- ICP61 Mg % 0.01 | ME- ICP61 Mn ppm S | ME- ICP63 Mo ppm 1 | ME- ICP61 Na % 0.01 | ME-ICP61 Ni ppm 1 | ME-ICP61 P ppm 10 | ME- ICP61 Pb ppm 2 | ME- ICP61 S % 0.03 | ME- ICP6 } Sb ppm S | ME- ICP61 Sc ppm 1 | ME- ICP61 Sr ppm 1 | ME-ICP63 Th ppm 20 | ME- ICP6 } Ti % 0.01 | МЕ- IСР61 Tl ppm 10 | ME- ICP61 U ppm 10 |
|--------------------|-----------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|
| 36083 | | 2.13 | 869 | 1 | 1.87 | 8 | 2090 | 6 | 1.66 | <5 | 23 | 1085 | <20 | 0.41 | <10 | 10 |
| 26002 | | 2.23 | 7075 | 3 | 1.79 | 9 5 P | 2150 | 6 | 1,05 | < <u>-</u> | 24 | 1210 | <20 | 0.43 | <10 | 10 |
| 36084 | | 2.32 | 706 | 4 | 1.47 | 52 | 1050 | 4 | 2.03 | 11 | 19 | 1395 | <20 | 0.37 | <10 | 10 |
| 36085 | | 1.61 | 978 | 2 | 1.68 | 18 | 1570 | 93 | 3.36 | 60 | 19 | 815 | <20 | 0.32 | <10 | 10 |
| 36086 | | 2.51 | 1110 | 2 | 1.78 | 10 | 2500 | 7 | 1.16 | 7 | 27 | 1005 | <20 | 0.45 | <10 | 10 |
| 3008/ | | 4.00 | 1050 | 1 | 2.02 | 44 | 1580 | 8 | 0.20 | <5 | 22 | 1015 | <20 | 0.53 | <10 | 10 |
| 26080 | | 4.10 | 1070 | 2 | 1.07 | 40 | 1590 | 5 | 0.20 | <5 | 23 | 1200 | <20 | 0.55 | <10 | 10 |
| 36090 | | 2.39 | 1085 | 2 | 1.64 | 7 | 2320 | 12 | 1.23 | 13 | 28 | 764 | <20 | 0.49 | <10 | 10 |
| 26001 | | 2.01 | | ~ | 4.74 | -7 | 2020 | 7 | 1.07 | | | | <20 | 0.45 | -10 | 10 |
| 36091 | | 2.91 | 1170 | 2 | 1.74 | 5 | 2650 | 20 | 1.07 | <5 7 | 33 | 673 | <20 | 0.45 | <10 | 10 |
| 36093 | | 2.70 | 1015 | <1 | 1.65 | 5 | 2780 | 5 | 1.30 | <5 | 34 | 834 | <20 | 0.41 | <10 | 10 |
| 36094 | | 1.65 | 972 | 1 | 1.54 | 5 | 2410 | 8 | 2.54 | 19 | 28 | 716 | <20 | 0.39 | <10 | 10 |
| 36095 | | 2.99 | 980 | 1 | 1.79 | 5 | 2960 | 7 | 1.59 | <5 | 35 | 898 | <20 | 0.48 | <10 | 10 |
| 36096 | | 2.81 | 945 | 1 | 1.70 | 7 | 2820 | 6 | 1.53 | <5 | 33 | 881 | <20 | 0,45 | <10 | 10 |
| 36097 | | 2.24 | 876 | 2 | 1.62 | 5 | 2670 | 6 | 1.60 | 7 | 31 | 832 | <20 | 0.43 | <10 | 10 |
| 36098 | | 2.51 | 988 | 1 | 1,75 | 5 | 2670 | 20 | 1.30 | 6 | 30 | 888 | <20 | 0.42 | <10 | 10 |
| 36099 | | 2.50 | 897 | <1 | 1.81 | 5 | 2560 | 6 | 1,29 | <5 | 29 | 873 | <20 | 0.41 | <10 | 10 |
| 36100 | | 2.11 | 994 | <1 | 1.73 | 7 | 2420 | 27 | 2.06 | 26 | 26 | 784 | <20 | 0.38 | <10 | <10 |
| 36101 | | 2.53 | 1190 | <1 | 1.66 | 40 | 2120 | 9 | 0.94 | 5 | 24 | 1060 | <20 | 0.35 | <10 | <10 |
| 36102 | | 2.93 | 1345 | <1 | 1,81 | 8 | 3100 | 12 | 0,70 | <5 | 34 | 864 | <20 | 0,51 | <10 | <10 |
| 36103 | | 2.15 | 3340 | <1 | 1.43 | | 2480 | 22 | 1.25 | 16 | 28 | 722 | <20 | 0.40 | <10 | <10 |
| 36104 | | 2.37 | 952 | <1 | 1.72 | 8 52 | 2480 | 13 Q | 1.25 | <5 | 26 | 945 1320 | <20 | 0.41 | <10 | <10 |
| 36306 | | 7.00 | 980 | ~1 | 2.04 | 12 | 2320 | 8 | 0.10 | <5 | 25 | 1020 | <20 | 0.47 | <10 | <10 |
| 36107 | | 2.09 | 1075 | <1 | 1.86 | 7 | 2520 | 11 | 1.20 | 7 | 26 | 850 | <20 | 0.41 | <10 | <10 |
| 36108 | | 2.08 | 915 | <1 | 1.82 | 11 | 2300 | 9 | 1.56 | <5 | 25 | 851 | <20 | 0.39 | <10 | <10 |
| 36109 | | 2.02 | 885 | <1 | 1.90 | 8 | 2360 | 10 | 1,74 | <5 | 25 | 933 | <20 | 0.38 | <10 | <10 |
| 36110 | | 2.01 | 889 | <1 | 1,91 | 8 | 2310 | 11 | 1.67 | <5 | 23 | 946 | <20 | 0.38 | <10 | <10 |
| 36111 | | 1.77 | 814 | <1 | 1.86 | 8 | 2050 | 17 | 1,79 | 12 | 22 | 779 | <20 | 0.35 | <10 | <10 |
| 36112 | | 1.82 | 788 | <1 | 1.97 | 6 | 2060 | 11 | 1.39 | <5 | 20 | 900 | <20 | 0.35 | <10 | <10 |
| 36113 | | 1.65 | 900 | <1 | 1.97 | 6 | 1910 | 13 | 1.05 | <5 | 19 | 806 | <20 | 0.33 | <10 | <10 |
| 36114 | | 2.02 | 762 | 1 | 0,94 | 126 | 780 | 16 | 0.45 | 64 | 12 | 1100 | <20 | 0.27 | <10 | <10 |
| 36115 | | 2,62 | 454 | 4 | 1.64 | 109 | 780 | 766 | 0.90 | 43 | 16 | 919 | <20 | 0.36 | <10 | <10 |
| 36116 | | 2.36 | 463 | 1 | 1.41 | 102 | 820 | 9 | 1.06 | 11 | 16 | 836 | <20 | 0.35 | <10 | <10 |
| 36117 | | 2.48 | 436 | 2 | 1.79 | 115 | 830 | 8 | 1.04 | <5 | 17 | 971 | <20 | 0.37 | 10 | <10 |
| 36118 | | 2.33 | 500 | 3 | 1.89 | 117 | 850 | 16 | 0.68 | <5 | 16 | 3170 | <20 | 0.36 | <10 | <10 |
| 36119 | | 2.15 | 595 | 1 | 1.48 | 99 | 730 | 21 | 0.73 | 65 94 | 13 | 769 | <20 | 0.30 | <10 | <10 |
| 36120 | | 2.25 | 451 | <1 | 1.64 | 114 | 730 | ø | 1.25 | 0.1 | (4 | 100 | ~20 | 0.52 | ~ 10 | ~10 |



To: ESO URANIUM CORP. 408 - 1199 WE5T PENDER 5T. VANCOUVER BC V6E 2R1

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Project: Monashee

| Sample Description | Method Analyte Units LOR | ME-ICP61 V ppm } | ME-ICP61 W ppm 10 | ME- ICP61 Zri ppm 2 | Ag- OG62 Ag ppm I | |
|--------------------|-----------------------------------|---------------------------|----------------------------|------------------------------|----------------------------|--|
| 36081 | | 206 | <10 | 84 | | |
| 36082 | | 207 | <10 | 82 | | |
| 36083 | | 155 | <10 | 99 | | |
| 36084 | | 195 | <10 | 158 | | |
| 36085 | | 176 | 10 | 56 | | |
| 36086 | | 242 | <10 | 101 | | |
| 36087 | | 179 | <10 | 87 | | |
| 36088 | | 180 | <10 | 89 | | |
| 36089 | | 292 | <10 | 120 | | |
| 36090 | | 233 | <10 | 91 | | |
| 36091 | | 256 | <10 | 117 | | |
| 36092 | | 251 | <10 | 134 | | |
| 36093 | | 273 | <10 | 96 | | |
| 36094 | | 238 | 10 | 44 | | |
| 36095 | | 279 | <10 | 91 | | |
| 36096 | | 272 | <10 | 88 | | |
| 36097 | | 254 | <10 | 88 | | |
| 36098 | | 248 | <10 | 97 | | |
| 36099 | | 237 | <10 | 85 | | |
| 36100 | | 222 | <10 | 74 | | |
| 36101 | | 208 | <10 | 92 | | |
| 36102 | | 313 | <10 | 125 | | |
| 36103 | | 239 | <10 | 87 | | |
| 36104 | | 242 | <10 | 82 | | |
| 50105 | | 100 | <10 | 90 | | |
| 36106 | | 231 | <10 | 94 | | |
| 36107 | | 243 | <10 | 104 | | |
| 36108 | | 216 | <10 | 80 | | |
| 36109 | | 210 | <10 | 02 80 | | |
| | | 215 | <10 | | | |
| 36111 | | 193 | <10 | 79 | | |
| 36112 | | 194 | <10 | 72 | | |
| 36113 | | 176 | <10 | 80 | | |
| 26114 | | 164 | <10 | 126 | | |
| 30113 | | | | .20 | | |
| 36116 | | 177 | <10 | 145 | | |
| 3011/ | | 181 | <10 | 142 | | |
| 20110 | | 134 | <10 | 140 | | |
| 36120 | | 156 | <10 | 115 | | |
| 50120 | | | ~ 1 V | | | |



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

Page: 5 - A Total # Pages: 6 (A - C) Finalized Date: 25- OCT- 2010 Account: ESOURA

CERTIFICATE OF ANALYSIS VA10151301

Project: Monashee

| Sample Description | Method Analyte Units LOR | ME-1CP61 Ag ppm 0.5 | ME- ICP61 Al % 0,01 | ME-ICP61 As ppm 5 | ME-ICP61 Ba ppm 10 | ME-ICP61 Be ppm 0.5 | ME-1CP61 Bi ppm 2 | ME- ICP61 Ca % 0.01 | ME-ICP61 Cd ppm 0.5 | ME- (CP61 Co ppm } | ME- ICP61 Cr ppm 1 | ME-ICP61 Cu ppm 1 | ME- ICP61 Fe % 0.01 | ME-ICP61 Ga ppm 30 | ME- ICP61 K % 0.01 | ME- ICP61 La ppm 10 |
|--------------------|-----------------------------------|------------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|
| 36121 | | 0.5 | 3.92 | 251 | 1280 | 0.5 | <2 | 15.0 | <0.5 | 8 | 88 | 51 | 2.35 | 10 | 1.03 | 20 |
| 36122 | | 8.2 | 5.37 | 555 | 760 | 0.7 | <2 | 9,64 | 1.4 | 12 | 133 | 61 | 4.12 | 10 | 1.72 | 20 |
| 36123 | | <0.5 | 5.53 | 37 | 1060 | 0.7 | 2 | 10.50 | 0.8 | 13 | 206 | 44 | 3.22 | 10 | 1.36 | 20 |
| 36124 | | <0.5 | 5.57 | 28 | 1110 | 0.7 | <2 | 9.72 | 1.6 | 13 | 153 | 66 | 3.25 | 10 | 2.05 | 20 |
| 36125 | | <0.5 | 5.29 | 35 | 950 | 0.6 | <2 | 10.00 | 0.8 | 10 | 136 | 43 | 2.91 | 10 | 0.95 | 20 |
| 36126 | | 2.5 | 6.17 | 1700 | 910 | 0.8 | <2 | 9.05 | 0,6 | 12 | 91 | 65 | 4.54 | 20 | 1.50 | 20 |
| 36127 | | <0,5 | 8,23 | 20 | 1730 | 1.3 | <2 | 6.90 | <0.5 | 11 | 50 | 27 | 4.97 | 20 | 3,13 | 30 |
| 36128 | | <0.5 | 7.08 | 41 | 780 | 1.1 | <2 | 10.20 | 1.3 | 11 | 85 | 31 | 4.00 | 20 | 0.91 | 20 |
| 36129 | | <0.5 | 7.98 | 1290 | 1190 | 1.4 | 2 | 5.83 | 0.5 | 18 | 37 | 62 | 6.52 | 20 | 2.98 | 30 |
| 36130 | | <0.5 | 7.91 | 11 | 1270 | 1.3 | <2 | 6,78 | <0.5 | 19 | 68 | 81 | 6.80 | 20 | 2,22 | 20 |
| 36131 | | 0.6 | 7.63 | 1710 | 1200 | 1.2 | <2 | 6.64 | <0.5 | 17 | 46 | 57 | 6.23 | 20 | 2.65 | 30 |
| 36132 | | 3.0 | 6.65 | 3210 | 880 | 1.3 | <2 | 6.23 | 0.7 | 22 | 49 | 43 | 6.64 | 20 | 2.75 | 30 |
| 36133 | | <0.5 | 7.34 | 583 | 1030 | 1.5 | <2 | 5.51 | 0.5 | 18 | 49 | 63 | 6.67 | 20 | 2.86 | 30 |
| 36134 | | 1.1 | 7.36 | 1750 | 1070 | 1.4 | <2 | 5,42 | 0.6 | 20 | 37 | 57 | 6.57 | 20 | 3.01 | 30 |
| 36135 | | <0.5 | 5.99 | 3670 | 430 | 1.2 | <2 | 9.05 | <0.5 | 18 | 33 | 53 | 5.47 | 20 | 2.08 | 20 |
| 36136 | | <0.5 | 7.11 | 601 | 990 | 1.4 | <2 | 6.09 | <0.5 | 21 | 42 | 69 | 7.30 | 20 | 2.94 | 20 |
| 36137 | | <0.5 | 7.26 | 26 | 1210 | 1.4 | <2 | 5.73 | <0.5 | 21 | 41 | 51 | 6.98 | 20 | 3.14 | 20 |
| 36138 | | <0.5 | 7.01 | 1410 | 1010 | 1,6 | <2 | 5.86 | <0.5 | 19 | 41 | 38 | 7.03 | 20 | 2.91 | 20 |
| 36139 | | <0.5 | 5.82 | 7650 | 860 | 1.2 | <2 | 6.09 | <0.5 | 17 | 37 | 27 | 6,27 | 20 | 2,64 | 20 |
| 36140 | | <0.5 | 5.64 | 13 | 730 | 1.0 | <2 | 8.58 | <0.5 | 14 | 175 | 38 | 4.99 | 10 | 1.79 | 20 |
| 36141 | | 1.6 | 7.03 | 3460 | 950 | 1.4 | <2 | 5.94 | 0.5 | 17 | 36 | 51 | 6.78 | 20 | 2.89 | 20 |
| 36142 | | <0.5 | 7.82 | 479 | 1190 | 1,8 | <2 | 5.46 | <0.5 | 16 | 30 | 46 | 5,90 | 20 | 3,46 | 30 |
| 36143 | | <0.5 | 7.75 | 48 | 1150 | 1.8 | <2 | 5.31 | <0.5 | 14 | 27 | 39 | 6.11 | 20 | 3.44 | 20 |
| 36144 | | <0.5 | 7,57 | 1470 | 1350 | 1.7 | <2 | 5.35 | 0.8 | 14 | 23 | 49 | 5.24 | 20 | 3.81 | 20 |
| 36145 | | <0.5 | 7.65 | 416 | 1090 | 1,9 | <2 | 5.00 | <0.5 | 14 | 29 | 28 | 5,53 | 20 | 3.40 | 20 |
| 36146 | | 0.8 | 7.29 | 2860 | 980 | 1.6 | <2 | 5.68 | 0.7 | 14 | 39 | 27 | 5,36 | 10 | 3.07 | 20 |
| 36147 | | <0.5 | 7.00 | 29 | 1470 | 1.3 | <2 | 8.58 | <0.5 | 13 | 93 | 72 | 5.06 | 20 | 2.43 | 20 |
| 36148 | | <0.5 | 5,99 | 406 | 1340 | 0.8 | <2 | 8.79 | 0.6 | 15 | 174 | 56 | 3,71 | 20 | 1.63 | 10 |
| 36149 | | <0.5 | 5.58 | 141 | 920 | 0.8 | <2 | 8.97 | 0.8 | 13 | 153 | 51 | 3.45 | 10 | 1.56 | 10 |
| 36150 | | 8.5 | 5.65 | 2370 | 340 | 0.9 | <2 | 8.37 | 4.0 | 11 | 162 | 57 | 4.26 | 10 | 2.11 | 20 |
| 36151 | | 0.5 | 5.36 | 688 | 1350 | 0.8 | <2 | 10.35 | 0.6 | 11 | 120 | 46 | 3.60 | 10 | 1.81 | 10 |
| 36152 | | <0.5 | 5.93 | 44 | 1540 | 0.8 | <2 | 8.48 | 0.6 | 13 | 147 | 59 | 3.66 | 10 | 1.77 | 20 |
| 36153 | | <0.5 | 3.94 | 331 | 280 | 0.6 | <2 | 12.50 | 0.5 | 6 | 86 | 32 | 2.44 | 10 | 0.32 | 10 |
| 36154 | | <0.5 | 5.43 | 19 | 1200 | 0.7 | <2 | 12.55 | 0.5 | 10 | 113 | 43 | 3,60 | 10 | 1.45 | 10 |
| 36155 | | <0.5 | 5.25 | 19 | 1160 | 0.6 | <2 | 10.70 | 1.0 | 11 | 124 | 51 | 3.30 | 10 | 1.39 | 10 |
| 36156 | | <0.5 | 5.21 | 68 | 770 | 0.7 | <2 | 14,0 | 1.0 | 10 | 117 | 48 | 3.29 | 10 | 1.38 | 10 |
| 36157 | | <0.5 | 6.46 | 130 | 1070 | 0.9 | <2 | 11.60 | 2.8 | 13 | 96 | 65 | 4.29 | 10 | 1.51 | 10 |
| 36158 | | 4.6 | 6.60 | 499 | 1210 | 0.9 | <2 | 8.96 | 1.0 | 12 | 112 | 57 | 3.79 | 10 | 1.90 | 10 |
| 36159 | | 0.9 | 7.50 | 794 | 1600 | 1.2 | <2 | 5.79 | <0.5 | 12 | 95 | 49 | 4.59 | 20 | 3.36 | 20 |
| 36160 | | 1.5 | 7.04 | 2500 | 1450 | 1.2 | <2 | 4.88 | 0.8 | 7 | 25 | 31 | 3.20 | 10 | 3,68 | 20 |



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

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CERTIFICATE OF ANALYSIS VA10151301

Project: Monashee

| Sample Description | Method | ME- ICP63 | ME- ICP61 | ME-ICP6} | ME- ICP61 | ME-1CP61 | ME-ICP61 | ME-ICP61 | ME- ICP61 | ME- ICP61 | ME- ICP61 | ME- ICP61 | ME- 1CP61 | ME-1CP61 | ME- ICP61 | ME-ICP61 |
|-------------------------|---------|----------------------|--------------------|----------------|----------------------|------------------|--------------------|---------------|----------------------|----------------|----------------|---------------------|-------------------|----------------------|-------------------|-------------------|
| | Analyte | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Th | Ti | T1 | U |
| | Units | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.01 | 5 | 1 | 0.01 | 1 | TO | 2 | 0.01 | S | 3 | 3 | 20 | 0.01 | 30 | 10 |
| 36121 36122 36133 | | 1.45 1.37 | 637 461 | <1 <1 | 1.03 0.70 | 69 105 | 530 730 | 9 522 | 0.88 3.04 | <5 167 | 9 13 | 1190 672 | <20 <20 | 0.19 0.28 | <10 <10 | 10 <10 |
| 36123 36124 36125 | | 1.20 2.00 | 381 449 | 1 <1 | 0.90 0.38 1.55 | 137 113 89 | 730 740 650 | 10 7 | 0.90 1.37 0.94 | 10 23 <5 | 14 15 12 | 689 472 836 | <20 <20 <20 | 0.30 0.33 0.28 | <10 <10 <10 | <10 <10 <10 |
| 36126 36127 36128 | | 1,72 2,19 1,78 | 712 1165 729 | <1 <1 <1 | 1.08 1.75 1.54 | 56 15 54 | 830 2230 880 | 17 8 11 | 1.97 0.83 0.52 | 30 <5 11 | 15 25 16 | 861 1230 1230 | <20 <20 <20 | 0.35 0.40 | <10 <10 <10 | <10 <10 <10 |
| 36129 36130 | | 2.33 2.33 | 1115 1035 | <1 1 | 1.95 2.09 | 10 33 | 2670 2030 | 9 8 | 1.68 1.69 | <5 12 | 27 26 | 1010 1210 | <20 <20 <20 | 0.44 0.48 | <10 <10 <10 | <10 <10 <10 |
| 36131 | | 2.19 | 1130 | <1 | 1.75 | 21 | 2160 | 31 | 2.46 | 23 | 25 | 960 | <20 | 0.44 | <10 | <10 |
| 36132 | | 2.38 | 1245 | <1 | 1.35 | 9 | 2860 | 23 | 2.00 | 20 | 35 | 653 | <20 | 0.49 | 10 | <10 |
| 36133 | | 2.93 | 1115 | 4 | 1.62 | B | 2850 | 10 | 1.66 | <5 | 34 | 737 | <20 | 0.48 | <10 | <10 |
| 36134 36135 | | 2.45 1.57 | 984 1215 | <1 <1 | 1.59 0.78 | 7 8 | 2730 2550 | 13 13 | 2.21 1.86 | 9 19 | 32 29 | 756 776 | <20 <20 | 0.46 0.41 | 10 <10 | <10 <10 <10 |
| 36136 | | 3.22 | 1035 | <1 | 1.77 | 13 | 3130 | 8 | 1.61 | <5 | 36 | 811 | <20 | 0.50 | <10 | <10 |
| 36137 | | 3.00 | 987 | <1 | 1.79 | 6 | 3070 | 3 | 1,77 | <5 | 35 | 799 | <20 | 0.50 | <10 | <10 |
| 36138 | | 3.00 | 1265 | <1 | 1.58 | 8 | 2960 | 7 | 1.06 | <5 | 35 | 730 | <20 | 0.47 | <10 | <10 |
| 36139 | | 2.15 | 1090 | <1 | 1.30 | 7 | 2540 | 8 | 1.88 | 20 | 30 | 653 | <20 | 0.41 | <10 | <10 |
| 36140 | | 3.18 | 1020 | 2 | 1.25 | 114 | 1170 | 6 | 0.97 | 128 | 22 | 833 | <20 | 0.38 | <10 | <10 |
| 36141 | | 2.58 | 1020 | 2 | 1.79 | 6 | 2770 | 87 | 2.19 | 30 | 31 | 809 | <20 | 0.44 | <10 | <10 |
| 36142 | | 2.31 | 898 | 17 | 1,94 | 6 | 2450 | 97 | 1.30 | 9 | 27 | 873 | <20 | 0.41 | <10 | <10 |
| 36143 | | 2.27 | 1045 | <1 | 1 97 | 4 | 2550 | 5 | 1.13 | <5 | 26 | 903 | <20 | 0.41 | <10 | <10 |
| 36144 | | 1.97 | 940 | <1 | 1.75 | 3 | 2330 | 13 | 1.70 | 7 | 24 | 867 | <20 | 0,39 | <10 | <10 |
| 36145 | | 2.02 | 1025 | <1 | 2.27 | 8 | 2100 | 12 | 1.25 | <5 | 22 | 813 | <20 | 0.37 | <10 | <10 |
| 36146 | | 1.90 | 1120 | <1 | 1.98 | 14 | 2090 | 48 | 1.29 | 22 | 23 | 763 | <20 | 0.37 | <10 | <10 |
| 36147 | | 2.52 | 720 | 5 | 1.76 | 79 | 1510 | 7 | 1.07 | 18 | 21 | 1010 | <20 | 0.42 | <10 | <10 |
| 36148 | | 2.55 | 457 | 2 | 1.91 | 148 | 790 | 4 | 0.87 | <5 | 16 | 776 | <20 | 0.35 | <10 | <10 |
| 36149 36150 | | 2.07 0.87 | 458 639 | 1 | 0.99 1.23 | 113 116 | 730 860 | 2 25 | 1.04 3.17 | 14 37 | 15 16 | 572 506 | <20 <20 | 0.32 0.26 | <10 <10 | <10 <10 |
| 36151 | | 3.48 | 586 | 2 | 1.10 | 95 | 690 | 110 | 0.90 | 5 | 14 | 876 | <20 | 0.27 | <10 | <10 |
| 36152 | | 2.57 | 405 | 1 | 1.19 | 103 | 820 | 50 | 0.91 | <5 | 16 | 791 | <20 | 0.35 | <10 | <10 |
| 36153 | | 3.04 | 511 | <1 | 1.57 | 59 | 610 | 7 | 0.54 | <5 | 9 | 910 | <20 | 0.20 | <10 | <10 |
| 36154 | | 4.35 | 612 | 1 | 1.07 | 105 | 750 | 7 | 0.67 | <5 | 14 | 990 | <20 | 0.33 | <10 | <10 |
| 36155 | | 2.22 | 470 | 1 | 1.06 | 94 | 690 | 6 | 1.20 | 16 | 14 | 795 | <20 | 0.30 | <10 | <10 |
| 36156 | | 1.84 | 632 | 1 | 0.47 | 98 | 740 | 15 | 1.23 | 49 | 15 | 929 | <20 | 0,30 | <10 | <10 |
| 36157 | | 2.10 | 589 | 7 | 1.41 | 76 | 990 | 105 | 0.78 | 21 | 18 | 1350 | <20 | 0,42 | <10 | <10 |
| 36158 | | 1.96 | 611 | 27 | 2.02 | 74 | 910 | 28 | 1.12 | 52 | 18 | 904 | <20 | 0.40 | <10 | <10 |
| 36159 | | 1.81 | 818 | 3 | 2.14 | 35 | 1300 | 9 | 1.37 | 12 | 19 | 910 | <20 | 0.34 | <10 | <10 |
| 36160 | | 1.25 | 784 | 6 | 2.14 | 10 | 1040 | 11 | 1.12 | 16 | 13 | 831 | <20 | 0.24 | <10 | <10 |



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Project: Monashee

| Sample Description | Method Analyte Units LOR | ME-1CP61 V ppm 1 | ME-ICP61 W ppm 30 | ME-1CP61 Zn ppm 2 | Ag- OG62 Ag ppm 1 | |
|--------------------|-----------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--|
| 36121 | | 83 | <10 | 70 | | |
| 36122 | | 143 | <10 | 109 | | |
| 36123 | | 142 | <10 | 120 | | |
| 36124 | | 166 | <10 | 166 | | |
| 36125 | | 123 | <10 | 109 | | |
| 36126 | | 150 | <10 | 74 | | |
| 36127 | | 226 | <10 | 83 | | |
| 36128 | | 171 | <10 | 204 | | |
| 36129 | | 250 | <10 | 109 | | |
| 36130 | | 247 | <10 | 105 | | |
| 36131 | | 229 | <10 | 85 | | |
| 36132 | | 295 | <10 | 98 | | |
| 36133 | | 283 | <10 | 126 | | |
| 36134 | | 272 | <10 | 102 | | |
| 36135 | | 264 | <10 | 83 | | |
| 36136 | | 310 | <10 | 106 | | |
| 36137 | | 309 | <10 | 93 | | |
| 36138 | | 298 | <10 | 109 | | |
| 36139 | | 255 | <10 | 80 | | |
| 36140 | | 226 | <10 | 95 | | |
| 36141 | ····· | 259 | <10 | 93 | | |
| 36142 | | 236 | <10 | 82 | | |
| 36143 | | 236 | <10 | 94 | | |
| 36144 | | 215 | <10 | 81 | | |
| 36145 | | 200 | <10 | 100 | | |
| 36146 | | 207 | 10 | 94 | | |
| 36147 | | 208 | <10 | 118 | | |
| 36148 | | 172 | <10 | 129 | | |
| 36149 | | 159 | 50 | 136 | | |
| 36150 | | 179 | <10 | 135 | | |
| 36151 | | 145 | <10 | 109 | | |
| 36152 | | 165 | <10 | 110 | | |
| 36153 | | 93 | <10 | 84 | | |
| 36154 | | 155 | <10 | 116 | | |
| 36155 | | 137 | <10 | 117 | | |
| 36156 | | 149 | 10 | 124 | | |
| 36157 | | 199 | <10 | 247 | | |
| 36158 | | 194 | <10 | 92 | | |
| 36159 | | 171 | <10 | 84 | | |
| 36160 | | 113 | <10 | 44 | | |



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Project: Monashee

| | | | | | | | | | C | ERTIFIC | CATE O | F ANAI | LYSIS | VA101 | 51301 | |
|--------------------|-----------------------------------|------------------------------|------------------------------|----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Sample Description | Method Analyte Units LOR | ME-1CP61 Ag ppm 0.5 | ME- ICP61 Al % 0.01 | ME-ICP61 As ppm 5 | ME- ICP61 Ba ppm 10 | ME- ICP61 Be ppm 0.5 | ME- ICP6 I Bi ppm 2 | ME-ICP61 Ca % 0.01 | ME-tCP61 Cd ppm 0.5 | ME- 1CP61 Co ppm 1 | ME- 1CP61 Cr ppm 1 | ME-1CP61 Cu ppm 1 | ME-ICP61 Fe % 0.01 | ME-1CP61 Ga ppm 30 | ME- ICP61 K % 0.01 | ME-ICP61 La ppm }0 |
| 36161 36162 | | 5.5 >100 | 6.71 | >10000 >10000 | 390 100 | 1.2 0.6 | 4 70 | 4.24 | 3.4 86.3 | 9 7 | 18 23 | 37 | 5.07 | 10 <10 | 3,46 | 20 10 |
| 36163 | | 4.5 | 6.98 | 322 | 1010 | 1.0 | <2 | 7.66 | 20.1 | 11 | 104 | 48 | 3.28 | 10 | 195 | 20 |
| 36164 | 1 | <0.5 | 6.79 | 109 | 1200 | 0.8 | <2 | 12.00 | <0.5 | 10 | 116 | 38 | 3.59 | 10 | 1.37 | 10 |
| 36165 | | 0.5 | 6.80 | 1310 | 1070 | 0.9 | <2 | 7.13 | 1.0 | 13 | 84 | 81 | 5.27 | 20 | 1.79 | 10 |
| 36166 | | <0.5 | 6.58 | 135 | 770 | 0.7 | 2 | 12.80 | <0.5 | 10 | 109 | 29 | 3.05 | 10 | 1.05 | 10 |
| 36167 | | 0.8 | 6.99 | 1850 | 960 | 1.3 | <2 | 7.76 | 1.2 | 16 | 56 | 52 | 5.44 | 20 | 2.59 | 20 |
| 36168 | | 1.2 | 6.83 | 4090 | 1040 | 1.2 | <2 | 7.88 | 1.8 | 15 | 87 | 46 | 5.04 | 10 | 2,57 | 20 |
| 36169 | | <0.5 <0.5 | 7.95 7.26 | 14 806 | 1210 880 | 1.9 1.3 | <2 <2 | 5.46 10.90 | <0.5 <0.5 | 6 11 | 36 67 | 49 46 | 3.71 4.55 | 20 20 | 1.90 1.50 | 10 20 |
| 36171 | | <0.5 | 7.64 | 15 | 970 | 1.7 | <2 | 5.70 | <0.5 | 19 | 42 | 47 | 6.98 | 20 | 2.86 | 20 |
| 36172 | | 4.1 | 6.45 | 1525 | 1070 | 0.8 | <2 | 11.20 | 2.5 | 9 | 100 | 47 | 379 | 10 | 1.61 | 10 |
| 36173 | - | >100 | 6.42 | 682 | 1140 | 1.0 | 3 | 8.66 | 13.1 | 9 | 89 | 236 | 3.48 | 10 | 2.82 | 10 |
| 36174 | 1 | >100 | 7.51 | 3660 | 730 | 1.5 | <2 | 5.83 | 10.8 | 14 | 40 | 167 | 5.37 | 20 | 3.14 | 10 |
| 36175 | | 6.1 | 6.04 | 7710 | 810 | 1.3 | <2 | 10.65 | 7.6 | 9 | 45 | 23 | 3.85 | 10 | 1.85 | 10 |
| 36176 | | 39.6 | 4.85 | >10000 | 150 | 1.2 | 6 | 7.45 | 3.0 | 4 | 41 | 52 | 11.85 | 10 | 1,87 | <10 |
| 36177 | | 3,0 | 5.10 | 123 | 900 | 0.8 | <2 | 11.60 | 1.5 | 13 | 91 | 119 | 4,11 | 10 | 1,29 | 10 |
| 36178 | | 0.5 | 6,71 | 24 | 1140 | 1.0 | <2 | 9,91 | 1.0 | 8 | 67 | 38 | 3.37 | 10 | 2,15 | 10 |
| 36179 | | 0.5 | 6,59 | 130 | 1090 | 0.9 | <2 | 10,50 | 0,6 | 11 | 100 | 40 | 3.91 | 20 | 1.72 | 10 |
| 36180 | | 0.6 | 7.36 | 170 | 1230 | 0.9 | <2 | 7.04 | 0.7 | 11 | . 97 | 53 | 4.41 | 20 | 1.91 | 10 |
| 36181 | | <0.5 | 8.07 | 11 | 1320 | 1.9 | <2 | 5.52 | <0.5 | 6 | 30 | 54 | 3.76 | 20 | 3.55 | 10 |
| 36182 | | 1.5 | 7.79 | 242 | 1420 | 1.5 | <2 | 6.09 | 0.5 | 10 | 43 | 60 | 4.81 | 20 | 3,05 | 10 |
| 36183 | | 0,8 | 7.97 | 543 | 1160 | 1.8 | <2 | 5.29 | 0,6 | 12 | 30 | 79 | 4.64 | 20 | 2.72 | 10 |
| 36184 | | 1.4 0.7 | 7.79 | 5430 3220 | 1090 | 1.8 | <2 | 5.28 | 0.8 | 11 | 100 | 68 46 | 4,41 | 20 | 2,51 | 10 |
| 26196 | | 0.7 | 6.03 | >10000 | 750 | 1 1 | | 10.50 | 0.0 | 12 | 141 | | 2.40 | 20 | 1.26 | 10 |
| 36187 | | <0.5 | 6.68 | 881 | 1250 | 0.8 | ~ | 8.42 | 0.5 | 14 | 141 | /9 | 3.41 | 10 | 1.20 | 10 |
| 36188 | 1 | 0.5 | 6 94 | 26 | 1200 | 1.0 | <2 | 6.11 | 0.7 | 12 | 91 | 58 | 4 14 | 10 | 1.33 | 10 |
| 36189 | | 0.5 | 7.78 | 66 | 1500 | 1.5 | <2 | 5 13 | 0.5 | 12 | 38 | 104 | 4 59 | 20 | 3 87 | 10 |
| 36190 | | <0.5 | 6.52 | 134 | 1040 | 1.0 | <2 | 8.43 | 0.6 | 11 | 103 | 56 | 4.28 | 20 | 1.22 | 10 |
| 36191 | | <0.5 | 5.97 | 528 | 1210 | 0.8 | <2 | 9.09 | 0.7 | 10 | 85 | 60 | 3,65 | 10 | 1,58 | 10 |
| 36192 | | 0.5 | 6.29 | 412 | 1100 | 0.6 | <2 | 9.86 | 0.8 | 13 | 75 | 51 | 3.88 | 20 | 1.41 | 10 |
| 36193 | | <0.5 | 6.50 | 629 | 1200 | 1.0 | <2 | 7.24 | <0.5 | 10 | 145 | 39 | 3.49 | 10 | 1.72 | 10 |
| 36194 | | 0.5 | 7.36 | 816 | 1480 | 0.8 | <2 | 6.26 | 0.5 | 14 | 172 | 36 | 3,69 | 20 | 1.53 | 10 |
| 36195 | | <0.5 | 5.58 | 678 | 1080 | 0.7 | <2 | 5.84 | 0.5 | 10 | 104 | 37 | 3,17 | 10 | 1.34 | 10 |
| 36196 | | 25.3 | 5.97 | 7980 | 560 | 0.8 | 5 | 5.32 | 4.7 | 9 | 128 | 48 | 4.84 | 10 | 1.96 | 10 |
| 36197 | | 6.7 | 6.79 | 713 | 900 | 1.0 | <2 | 6.17 | 20.4 | 11 | 171 | 45 | 3.51 | 20 | 2.50 | 10 |
| 36198 | | 60.0 | 6.10 | 379 | 800 | 0.8 | <2 | 7.83 | 13.5 | 11 | 157 | 119 | 3.29 | 10 | 2.02 | 10 |
| 36199 | | <0.5 | 6.24 | 26 | 1040 | 0.7 | <2 | 8.24 | 0.6 | 14 | 369 | 55 | 3.51 | 10 | 1.04 | <10 |



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Project: Monashee

| | Method Analyte | ME- ICP61 Mg | ME- ICP63 MD | ME- ICP63 Mo | ME- ICP6 } Na | ME- ICP61 Ni | ME- ICP6 I P | МЕ- ICP61 РЪ | ME- ICP63 S | ME- ICP6 Sb | ME- ICP63 Sc | ME- ICP6 } Sr | ME-1CP61 Th | ME-1CP61 Ti | ME- ICP6 I TI | ME- 1CP61 U |
|--------------------|-------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|----------------|----------------|-----------------|------------------|----------------|----------------|------------------------|----------------|
| Sample Description | Units LOR | % 0.01 | ppm S | ppm 1 | % 0.01 | ppm 1 | p¢m 10 | ppm 2 | % 0.01 | ppm 5 | ppm 1 | ppm 1 | ррт 20 | % 0.01 | քք ու 10 | ppm 10 |
| 36161 | | 0.96 | 921 | 6 | 1,97 | 9 | 1040 | 87 | 3.11 | 48 | 13 | 592 | <20 | 0.20 | <10 | <10 |
| 36162 | | 0.39 | 675 | 4 | 1.45 | 17 | 460 | 2270 | >10.0 | 844 | 6 | 309 | <20 | 0.09 | <10 | <10 |
| 36163 | | 1,77 | 565 | 5 | 2.04 | 62 | 860 | 84 | 0.99 | 32 | 15 | 875 | <20 | 0.35 | <10 | <10 |
| 36164 | | 2.10 | 641 | 2 | 1.86 | 68 | 910 | 8 | 0.65 | <5 | 16 | 1270 | <20 | 0.38 | <10 | <10 |
| 36165 | | 2.73 | 731 | 4 | 2.18 | 58 | 1270 | 14 | 1.57 | <5 | 22 | 810 | <20 | 0.43 | <10 | <10 |
| 36166 | | 1,78 | 886 | 1 | 1.66 | 57 | 710 | 5 | 0,57 | 8 | 14 | 1140 | <20 | 0.34 | <10 | <10 |
| 36367 | | 2.34 | 1060 | 1 | 1.95 | 32 | 2060 | 13 | 1.09 | 8 | 25 | 8/3 | <20 | 0.42 | <10 | <10 |
| 30108 | | 1,91 | 1235 | 3 | 1.93 | 27 | 2210 | 30 | 1.38 | 12 | 24 | 980 | <20 | 0.25 | <10 | <10 |
| 36170 | | 1.39 | 034 | 5 | 3.07 | 19 | 810 | 1 | 1.37 | <5 | 13 | 1120 | <20 | 0.36 | <10 | <10 |
| 30170 | | 2,00 | 334 | | 2,04 | 44 | 1190 | 4 | 1.62 | 8 | 18 | 3310 | <20 | 0.34 | <10 | <10 |
| 36171 | | 3.15 | 1230 | 1 | 1.97 | 8 | 2880 | 4 | 0.54 | <5 | 34 | 849 | <20 | 0.54 | <10 | <10 |
| 36172 | | 1.99 | 781 | 3 | 1.03 | 58 | 980 | 42 | 1.14 | 18 | 15 | 1220 | <20 | 0.34 | <10 | <10 |
| 26174 | | 1.20 | 1330 | 5 | 1.03 | 36 | 1290 | 2500 | 1.31 | 285 | 18 | 812 | <20 | 0.35 | <10 | <10 |
| 26175 | | 1,45 | 1000 | 2 | 1.06 | 11 | 2150 | 927 | 2.60 | 197 | 25 | 653 | <20 | 0.37 | <10 | <10 |
| 20175 | | 0.70 | 1090 | 2 | 0.57 | 32 | 1170 | 124 | 2.24 | 60 | 12 | 779 | <20 | 0.24 | <10 | <10 |
| 36176 | | 0.79 | 938 | 2 | 0.26 | 24 | 940 | 1465 | >10.0 | 250 | 12 | 552 | <20 | 0.23 | <10 | <10 |
| 36177 | | 1,59 | 663 | 14 | 0.12 | 67 | 1260 | /3 | 2,31 | 26 | 15 | 3120 | <20 | 0.31 | <10 | <10 |
| 26170 | | 2.02 | 202 | 2 | 1.38 | 45 | 1040 | 9 | 0.97 | <5 | 14 | 3290 | <20 | 0.33 | <10 | <10 |
| 36180 | | 1.35 | 532 | 3 | 1.49 | 61 | 890 | 0 | 1.24 | 10 | 15 | 1010 | <20 | 0.37 | 10 | <10 |
| 30100 | | 1.74 | 552 | | 1.02 | 01 | 030 | | (.40 | 0 | 10 | 1010 | <20 | 0.39 | < 10 | <10 |
| 36181 | | 1.38 | 542 | 2 | 2.41 | 16 | 1730 | 4 | 1,67 | <5 | 15 | 1120 | <20 | 0.36 | <10 | <10 |
| 26192 | | 1.37 | 639 | -1 | 2.13 | 42 | 1440 | 14 | 2.35 | б < F | 15 | 1140 | <20 | 0.34 | <10 | <10 |
| 26184 | | 1.47 | 333 | - 1 | 2.39 | 13 | 1070 | 10 | 2.25 | <5 | 10 | 3120 | <20 | 0.35 | <10 | <10 |
| 36185 | | 1.27 | 605 | , 7 | 2.00 | 41 | 1310 | 10 | 2.50 | 19 | 13 | 1060 | <20 | 0.33 | < 10 | <10 |
| 30185 | | 0.00 | 700 | | 2.30 | 40 | 040 | | 1.57 | 23 | 17 | 1000 | -20 | 0.35 | <10 | <10 |
| 30180 | | 0.96 | 706 | 2 | 2.75 | 81 | 840 | 13 | 1.55 | 37 | 16 | 957 | <20 | 0.35 | <10 | 10 |
| 30107 | | 2.29 | 308 | 2 | 1.04 | 70 | 910 | 2 | 1.20 | 6 | 16 | 1100 | <20 | 0.37 | <30 | <10 |
| 30100 | | 1.05 | 441 | 3 | 1.07 | 20 | 1620 | 3 | 2.02 | -5 | 10 | 1020 | <20 | 0.37 | <10 | <10 |
| 36190 | | 1.79 | 551 | 4 | 1.45 | 72 | 940 | 5 | 2.25 | 6 | 17 | 876 | <20 | 0.34 | <10 | <10 |
| 36191 | | 1.86 | 429 | 4 | 1.00 | 63 | 810 | 3 | 1 22 | <5 | 15 | 850 | <20 | 0.34 | <10 | <10 |
| 36192 | | 2.51 | 623 | 6 | 1.06 | 58 | 830 | 9 | 0.92 | 21 | 18 | 1010 | <20 | 0.35 | <10 | <10 |
| 36193 | | 2.01 | 467 | 2 | 1.33 | 78 | 740 | 6 | 1.08 | 5 | 15 | 708 | <20 | 0.35 | 10 | <10 |
| 36194 | | 2,33 | 517 | 2 | 2.41 | 104 | 780 | 6 | 1.63 | 16 | 17 | 795 | <20 | 0.40 | 10 | <10 |
| 36195 | | 2.13 | 396 | 1 | 1,55 | 77 | 770 | 6 | 1,06 | 5 | 15 | 725 | <20 | 0.32 | <10 | <10 |
| 36196 | | 1.40 | 784 | 2 | 1.21 | 84 | 770 | 1565 | 3,50 | 757 | 15 | 449 | <20 | 0.32 | 10 | <10 |
| 36197 | | 1.48 | 796 | 3 | 1.06 | 83 | 780 | 112 | 2.06 | 49 | 15 | 455 | <20 | 0.33 | <10 | <10 |
| 36198 | | 1.31 | 782 | 3 | 0.96 | 98 | 760 | 89 | 2.03 | 78 | 15 | 492 | <20 | 0.32 | <10 | <10 |
| 36199 | | 2.70 | 533 | 5 | 1.65 | 169 | 700 | 11 | 1.15 | <5 | 14 | 1020 | <20 | 0.34 | <10 | <10 |
| | | | | | | | | | | | | | | | | |



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Project: Monashee

| Sample Description | Method Analyte Units LOR | ME-ICP6} V ppm 1 | ME-1CP61 W ppm 10 | ME-ICP61 Zn ppm 2 | Ag-OG62 Ag ppm 1 | |
|---|-----------------------------------|---------------------------------|--|---------------------------------|---------------------------|--|
| 36161 36162 36163 36164 36165 | | 109 41 139 149 214 | <10 <10 <10 <10 <10 | 63 985 324 106 100 | 287 | |
| 36166 36167 36168 36169 36170 | | 114 244 196 106 170 | <10 <10 <10 <10 <10 <10 | 106 101 96 40 66 | | |
| 36171 36172 36173 36174 36175 | | 298 159 181 209 109 | <10 10 20 10 10 | 111 127 207 133 152 | 143 112 | |
| 36176 36177 36178 36179 36180 | | 130 220 156 168 184 | <10 <10 <10 <10 <10 | 49 179 103 81 80 | | |
| 36181 36182 36183 36184 36185 | | 172 159 177 168 200 | <10 <10 <10 <10 <10 | 36 37 40 45 47 | | |
| 36186 36187 36188 36189 36190 | | 184 169 173 182 195 | 20 <10 <10 <10 <10 | 51 101 71 38 84 | | |
| 36191 36192 36193 36194 36195 | | 167 187 140 157 160 | <10 <10 <10 <10 <10 | 128 105 77 81 101 | | |
| 36196 36197 36198 36199 | **** | 154 146 156 115 | <10 <10 <10 <10 | 98 290 200 117 | | |



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| Project: Monashee | | |
|---|---|---------------------|
| P.O. No.: | | |
| This report is for 117 Drill Co Canada on 14- OCT- 2010. | re s a mples submitted to our la | b in Vancouver, BC, |
| The following have access GARRETT AINSWORTH | to data associated with this | certificate: |

| | SAMPLE PREPARATION | |
|----------|--------------------|--|
| ALS CODE | DESCRIPTION | |

FND- 02 Find Sample for Addn Analysis

| ANALYTICAL PROCEDURES | | | | | | |
|-----------------------|-------------------------------|------------|--|--|--|--|
| ALS CODE | DESCRIPTION | INSTRUMENT | | | | |
| ME- 1CP6 1 | 33 element four acid ICP- AES | ICP- AES | | | | |

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

Signature:

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

Colin Ramshaw, Vancouver Laboratory Manager


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

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CERTIFICATE OF ANALYSIS VA10151300

| Sample Description | Method Analyte Units LOR | ME-ICP61 Ag ppm 0.5 | ME- ICP61 Al % 0.01 | ME-ICP61 As ppm 5 | ME- ICP61 Ва ррт 10 | ME- ICP61 Be ppm 0.5 | MÊ- ICP61 Bi ppm 2 | ME- ICP61 Ca % 0.01 | ME-ICP61 Cd ppm 0.5 | ME- ICP61 Co ppm 1 | ME- (CP6) Cr ppm 1 | ME- ICP61 Cu ppm 1 | ME- ICP63 Fe % 0.01 | ME-ICP61 Ga ppm 10 | ME- ICP61 K % 0.01 | ME-ICP61 La ppm 10 |
|--|-----------------------------------|----------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|----------------------------------|--|--|--|----------------------------------|----------------------------------|-----------------------------|--------------------------------------|----------------------------------|--------------------------------------|----------------------------------|
| 36200 36201 36202 36203 36204 | | 1.5 2.4 1.3 1.1 1.4 | 6.25 11.15 5.66 5.40 5.80 | 25 31 12 17 13 | 1130 2100 1040 1220 1330 | 0.6 1.3 0.5 0.8 0.7 | <2 <2 <2 <2 <2 <2 | 10.10 17.3 11.60 6.74 9.83 | <0.5 1.0 <0.5 0.9 0.9 | 13 25 13 12 13 | 193 325 179 132 129 | 40 103 30 51 44 | 3.15 6.11 2.80 3.22 3.43 | 10 20 10 10 10 | 1.34 2.65 1.22 1.50 1.43 | 20 30 20 30 20 |
| 36205 36206 36207 36208 36209 | | 1.3 3.5 3.5 1,4 0,9 | 5.98 6.49 6.45 7.52 6.87 | 155 1685 1635 33 483 | 670 760 760 940 1070 | 0,6 1,0 1.0 1.4 1,6 | <2 <2 2 <2 <2 <2 <2 | 11.40 8.94 8.86 8.10 4.13 | 0,6 0,8 0.8 0.7 16,2 | 11 11 11 13 9 | 105 83 83 84 41 | 22 45 44 35 40 | 2.56 3.02 3.01 3.89 3.04 | 10 10 10 10 10 | 0.90 1.73 1.73 2.27 2.82 | 20 30 30 30 30 30 |
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| 36215 36216 36217 36218 36219 | | 1.9 1.7 1.2 2.2 2.0 | 7,53 6,59 7,53 7,03 7,31 | 1225 666 13 5940 1655 | 1120 830 920 820 930 | 1.5 1.2 1.4 1.4 1.3 | <2 <2 <2 <2 <2 <2 <2 | 5.19 6.66 5.39 6.61 6.38 | <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 | 15 20 21 22 22 22 | 46 35 39 39 39 37 | 38 52 28 30 38 | 5,56 6,80 6,74 7,47 7,05 | 20 20 20 20 20 20 | 2,63 1,73 2,77 1,94 2,36 | 30 30 30 30 30 30 |
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| 36235 36236 36237 36238 36239 | | 1.5 0.6 1.3 1.8 1.1 | 6.63 6.64 5.74 5.44 4.93 | 14 205 7 10 10 | 1580 1330 980 830 740 | 0.9 0.8 0.7 <0.5 0.6 | <2 <2 <2 <2 <2 <2 | 6.10 5.82 10.90 14.5 11.85 | <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 | 14 14 13 12 10 | 117 160 182 128 121 | 65 73 64 33 37 | 3,92 3.86 3.45 2.95 2.72 | 10 10 10 10 10 | 1,85 1,66 1,54 1,05 1,06 | 30 20 20 20 20 20 |



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Project: Monashee

| Sample Description | Method Analyte Units LOR | ME- ICP61 Mg % 0.01 | ME- ICP61 Mn ppm S | ME-ICP61 Mo ppm 1 | ME- ICP61 Na % 0.01 | ME- ICP61 Ni ppm J | ME- ICP61 P ppm 30 | ME-ICP61 Pb ppm 2 | ME- ICP61 S % 0,03 | ME- ICP61 Sb ppm S | ME- ICP61 Sc ppm 1 | ME- ICP61 Sr ppm 1 | ME- ICP6፣ Th ppm 20 | ME- ICP61 Ti % 0.01 | ME- ICP61 TI ppm 30 | ME- ICP61 U ppm 10 |
|--------------------|-----------------------------------|------------------------------|-----------------------------|----------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| 36200 36201 | | 2.51 4.32 | 504 865 | 3 4 | 1.69 2.99 | 111 193 | 600 1370 | <2 6 | 0.82 1.84 | <5 5 | 14 27 | 1030 1790 | <20 <20 | 0.31 0.56 | <10 <10 | <10 10 |
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| 36205 | | 1.54 | 522 | 1 | 1.60 | 53 | 850 | <2 | 0.35 | 11 | 13 | 923 | <20 | 0.31 | <10 | 10 |
| 36206 | | 1.45 | 429 | 4 | 2,38 | 42 | 670 | 12 | 1.10 | 13 | 13 | 942 | <20 | 0.25 | <10 | 10 |
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| 36213 | | 1.55 | 874 | 1 | 2.22 | é | 1850 | 5 | 2.86 | 15 | 19 | 1050 | <20 | 0.35 | <10 | 10 |
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| 36221 | | 2,82 | 1235 | 1 | 1.82 | 7 | 2970 | <2 | 1.46 | <5 | 33 | 914 | <20 | 0.49 | <10 | <10 |
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| 30239 | | 1.07 | 400 | 3 | 1.21 | 07 | 040 | ~2 | 1.20 | ~0 | 12 | ,020 | 120 | 0,20 | -10 | |



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Project: Monashee

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CERTIFICATE OF ANALYSIS VA10151300

| Sample Description | Method Analyte Units LOR | ME- ICP61 Ag ppm 0.5 | ME- 1CP6 } Al % 0.01 | ME- ICP6 } As ppm 5 | ME- ICP61 Ba ppm 10 | ME- ICP61 Be ppm 0.5 | ME- ICP61 8i ppm 2 | ME- 1CP6 1 Ca % 0.01 | ME-1CP61 Cd ppm 0.5 | ME-ICP61 Co ppm 3 | ME- ICP6 T Cr ppm } | ME- ICP61 Cu ppm 1 | ME- ICP61 Fe % 0.01 | ME-1CP61 Ga ppm 10 | ME- ICP61 K % 0.01 | ME- ICP61 La ppm 10 |
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| 36251 | | 1.6 | 5,40 | 7 | 1170 | 0.8 | <2 | 10.35 | 0.6 | 10 | 60 | 53 | 3.40 | 10 | 1.23 | 30 |
| 36252 | | 1.9 | 4.91 | 69 | 1120 | 0.6 | <2 | 13.60 | 0.5 | 10 | 65 | 35 | 2.66 | 10 | 0.89 | 20 |
| 36253 | | 1.7 | 5.14 | 20 | 1070 | 0.7 | <2 | 10.90 | 0.9 | 12 | 79 | 50 | 2.91 | 10 | 1.16 | 20 |
| 36254 | | 1.6 | 5.06 | 15 | 1020 | 0.6 | <2 | 11.65 | 0.7 | 12 | 76 | 4B | 3.29 | 10 | 1.28 | 20 |
| 36255 | | 1.3 | 6.34 | 9 | 1180 | 0.8 | <2 | 8,73 | 0.8 | 11 | 72 | 43 | 3.40 | 10 | 1.57 | 20 |
| 36256 | | 1.6 | 5.66 | 18 | 1120 | 0.7 | <2 | 9.64 | 0.6 | 10 | 68 | 44 | 3.33 | 10 | 1.48 | 20 |
| 36257 | | 1,4 | 7,39 | 12 | 1440 | 0.6 | <2 | 10.05 | <0.5 | 16 | 27 | 54 | 4.38 | 10 | 1.72 | 20 |
| 36236 | | 1.0 | 5,22 | 7 | 990 | 0.7 | <2 | 10.05 | 0.7 | 12 | 92 114 | 37 | 3.04 | 30 10 | 1.10 | 20 |
| 26260 | | 1.0 | 4.20 | 19 | 570 | 0.0 | ~~ | 14 45 | 0.5 | | 67 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 2 32 | 10 | 1.10 | 20 |
| 36261 | | 11 | 7 97 | 30 | 720 | 12 | <2 | 6.09 | <0.5 | | 51 | 20 | 8.37 | 20 | 2 37 | 40 |
| 36262 | | 1.2 | 6.07 | 141 | 670 | 0.9 | <2 | 7.98 | <0.5 | 31 | 75 | 120 | 10.65 | 20 | 2.02 | 40 |
| 36263 | | 1.0 | 6.17 | <5 | 520 | 0.9 | <2 | 8.62 | <0.5 | 35 | 72 | 181 | 11.15 | 20 | 1.50 | 40 |
| 36264 | | 1.3 | 6,63 | 6 | 630 | 1.0 | <2 | 8.16 | <0.5 | 31 | 62 | 163 | 10.95 | 20 | 1.69 | 40 |
| 36265 | ****** | 1.0 | 6,41 | 10 | 480 | 1.0 | <2 | 11.50 | <0.5 | 22 | 69 | 57 | 7.74 | 10 | 0.91 | 30 |
| 36266 | | 1.4 | 8.68 | <5 | 910 | 1.1 | <2 | 7.21 | <0.5 | 27 | 44 | 71 | 7.43 | 20 | 2.26 | 30 |
| 36267 | | 1.5 | 8.00 | 492 | 800 | 1.1 | <2 | 7.38 | 0.9 | 28 | 31 | 103 | 7.94 | 20 | 1,95 | 30 |
| 36268 | | 0.9 | 6.85 6.08 | 7 | 870 | 0.9 | <2 | 8.28 | <0.5 | 34 | 91 | 98 106 | 10.10 | 20 | 2.14 | 30 |
| 30209 | | 1,1 | 7.07 | · · | 300 | 0.5 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 7.00 | -0.5 | | | | 0.34 | 20 | 2.00 | 30 |
| 36270 | | 1.3 | 7.27 | <0 892 | 890 750 | 0.9 | <2 | 7.09 | <0.5 | 30 | 50 | 96 | 9.31 | 20 | 2,29 | 30 |
| 36271 | | 0.5 | 7.24 | | 1150 | 1.0 | 3 | 8.05 | ~0.5 ∩ 8 | 30 | 59 | 58 | 10.40 | 20 | 2.57 | 30 |
| 36273 | | 1.7 | 7.05 | >10000 | 550 | 1.0 | 2 | 5,59 | 0,9 | 35 | 25 | 264 | 9,08 | 10 | 1.41 | 20 |
| 36274 | | <0.5 | 9.00 | 20 | 1030 | 1,1 | 3 | 7.30 | <0.5 | 25 | 31 | 114 | 9.20 | 20 | 2,18 | 20 |
| 36275 | | 1.0 | 8.43 | 4310 | 820 | 1.1 | 4 | 7,57 | <0,5 | 21 | 31 | 67 | 7,28 | 20 | 2.44 | 20 |
| 36276 | | 0.9 | 5.53 | 732 | 430 | 0.7 | 2 | 11.65 | <0.5 | 14 | 17 | 88 | 6.52 | 10 | 1.11 | 10 |
| 36277 | | 0.8 | 7.24 | 174 | 650 | 0.9 | 3 | 9.67 | <0.5 | 20 | 27 | 139 | 8.08 | 20 | 1.92 | 20 |
| 36278 | | <0.5 | 8.11 | 22 | 1660 | 8.0 | 2 | 7.10 | 0.5 | 31 | 54 | 107 | 9.61 7.34 | 20 | 2.53 | 20 |
| 36279 | | 0.5 | 8.32 | 17 | 1810 | 1.0 | ు | 8.07 | U.6 | 25 | 85 | 90 | 1.31 | 20 | 2.10 | 20 |



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CERTIFICATE OF ANALYSIS VA10151300

| Sample Description | Method Analyte Units LOR | ME-1CP61 Mg % 0.01 | ME- (CP6) Mn pptt) S | ME-ICP61 Mo ppm 1 | ME-1CP61 Na % 0.03 | ME-ICP61 Ni ppm 1 | ME-ICP61 P ppm 10 | ME- ICP61 Pb ppm 2 | ME- ICP61 S % 0.01 | ME- ICP61 Sb ppm S | ME-ICP61 Sc ppm 1 | ME- ICP61 Sr ppm } | ME-ICP61 Th ppm 20 | ME- ICP61 Tí % 0.01 | ME-ICP61 T1 ppm 10 | ME-ICP61 U ppm 30 |
|----------------------------------|-----------------------------------|-----------------------------|--------------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|
| 36240 36241 36242 | | 1.74 2.38 2.15 | 473 304 496 | 2 2 3 | 1,53 1,45 1,07 | 73 98 83 | 720 860 770 | 3 2 6 | 1.12 1.35 0.88 | <5 <5 12 | 14 18 13 | 945 789 895 | <20 <20 <20 | 0.29 0.36 0.27 | <10 <10 <10 | 10 10 10 |
| 36243 36244 | | 2.18 1.71 | 371 375 | 1 3 | 1.19 1.05 | 82 55 | 730 1200 | <2 2 | 0.85 1.09 | <5 6 | 17 18 | 710 1240 | <20 <20 | 0.35 0.40 | <10 <10 | <10 <10 |
| 36245 36246 36247 | | 1.69 1.64 0.83 | 374 493 289 | 3 3 1 | 1.40 1.37 1.03 | 51 50 20 | 960 1020 660 | <2 2 <2 | 1.10 0.77 0.59 | <5 7 <5 | 19 17 8 | 1110 1500 3290 | <20 <20 <20 | 0.43 0.38 0.14 | <10 <10 <10 | 10 <10 <10 |
| 36248 36249 26350 | | 8.22 1.34 | 273 318 | 5 3 | 0.11 1.36 | 16 53 | 440 950 | <2 3 | 0.41 1.33 | <5 7 | 6 20 | 1430 1030 | <20 <20 | 0.09 0.42 | <10 <10 | <10 <10 |
| 36250 36251 36252 36253 | | 1.56 1.40 1.52 | 346 331 372 | 3 2 2 | 0.93 1.48 1.22 | 39 34 53 | 730 830 840 | 2 2 4 | 0.97 0.59 0.78 | 9 <5 <5 | 15 14 15 | 1310 1580 1360 | <20 <20 <20 <20 | 0.34 0.32 0.31 0.33 | <10 <10 <10 <10 | <10 <10 <10 10 |
| 36254 36255 | | 1.39 1.40 | 410 334 | 2 | 0.87 | 49 | 900 770 | <2 | 0.82 | <5 <5 | 15 17 | 1300 | <20 | 0.33 | <10 | <10 |
| 36256 36257 36258 | | 1,53 2.41 1.52 | 610 385 | 2 3 2 | 1.15 1.13 | 42 22 47 | 650 710 | 3 2 <2 | 0.69 0.63 | <5 <5 <5 | 19 14 | 1180 1150 | <20 <20 <20 | 0.33 0.32 0.31 | <10 <10 <10 | <10 <10 <10 |
| 36259 36260 36261 | | 0.83 2.93 | 461 531 1225 | 2 1 13 | 0.70 1.50 | 57 36 9 | 580 5500 | <2 <2 <2 | 0.65 | | 15 12 33 | 1010 1070 847 | <20 <20 <20 | 0.34 | <10 <10 <10 | <10 <10 <10 |
| 36262 36263 36264 | | 4.14 3.89 4.01 | 1650 1610 1640 | 3 4 9 | 0.91 0.89 1.03 | 13 13 11 | 5920 7840 6270 | <2 <2 <2 | 1.57 1.79 1.52 | <5 <5 <5 | 46 43 46 | 557 684 779 | <20 <20 <20 | 0.76 0.80 0.80 | <10 <10 <10 | <10 <10 <10 |
| 36265 36266 | | 3.66 2.86 | 1910 1240 | 5 19 | 0.84 | 21 8 | 4280 3510 | <2 <2 | 0.61 | 5 <5 | 40 33 | 1100 1250 | <20 <20 | 0.36 | <10 <10 | <10 <10 |
| 36267 36268 36269 | | 2.47 4.54 3.93 | 1315 1795 1555 | 11 1 2 | 1.58 1.01 1.04 | 8 18 11 | 3200 4390 5100 | 13 <2 <2 | 1.68 1.15 1.32 | 5 <5 <5 | 30 51 50 | 1060 791 844 | <20 <20 <20 | 0.54 0.73 0.72 | <10 <10 <10 | <10 <10 <10 |
| 36270 36271 | | 3.95 3.46 | 1540 1390 2030 | 1 2 | 1.21 1.31 | 10 18 | 3910 3400 | <2 7 7 | 0.95 | <5 <5 <5 | 46 35 48 | 852 783 | <20 <20 <20 | 0.67 0.44 0.77 | <10 <10 <10 | <10 <10 <10 |
| 36272 36273 36274 | | 2.23 3.09 | 1110 1375 | 2 52 | 1.43 1.53 1.61 | 4 | 2680 4360 | 13 6 | 2,40 1.40 | <5 14 <5 | 40 25 35 | 771 1160 | <20 <20 <20 | 0,43 0,65 | <10 <10 <10 | <10 <10 <10 |
| 36275 36276 36277 | | 1.67 1.68 1.89 | 1050 1990 1685 | 6 1 <1 | 1.67 1,94 1.35 | 5 3 4 | 3640 2670 3610 | 13 6 6 7 | 1.53 3.79 2.96 | 7 16 5 | 34 23 35 | 939 1200 1020 1120 | <20 <20 <20 | 0.56 0.38 0.50 | <10 <10 <10 | <10 <10 <10 <10 |
| 36278 36279 | | 3.94 3.64 | 1530 1655 | <1 <1 | 1,35 1.60 | 12 28 | 3950 3150 | 6 | 0.52 | <5 <5 | 40 36 | 1440 | <20 <20 | 0.62 | <10 | <10 |



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Project: Monashee

| Sample Description | Method Analyte Units LOR | ME- ICP61 V ppm J | ME-ICP61 W ppm 10 | ME-ICP61 Zn ppm 2 | |
|--------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|--|
| 36240 | | 134 | <10 <10 | 95 | |
| 36241 | | 192 | <10 | 129 | |
| 36243 | | 162 | <10 | 205 | |
| 36244 | | 189 | <10 | 179 | |
| 36245 | | 186 | <10 | 158 | |
| 36246 | | 188 | <10 | 164 | |
| 36247 | | 78 | <10 | 57 | |
| 36248 | | 6∠ 198 | <10 <10 | 39 136 | |
| 36250 | | 167 | <10 | 140 | |
| 36251 | | 138 | <10 | 138 | |
| 36252 | | 126 | <10 | 105 | |
| 36253 | | 152 | <10 | 139 | |
| 36254 | | 139 | <10 | 117 | |
| 36255 | | 151 | <10 | 135 | |
| 36256 | | 136 | <10 | 121 | |
| 36258 | | 172 | <10 | 121 | |
| 36259 | | 142 | <10 | 105 | |
| 36260 | | 107 | <10 | 86 | |
| 36261 | | 359 | <10 | 108 | |
| 36262 | | 541 | <10 | 139 | |
| 36263 | | 611 | <10 | 133 | |
| 36264 | | 561 | <10 | 142 | |
| 36265 | | 301 | <10 | 111 | |
| 30200 | | 324 | <10 | 106 | |
| 36268 | | 200 450 | <10 | 142 | |
| 36269 | | 435 | <10 | 128 | |
| 36270 | | 381 | <10 | 132 | |
| 36271 | | 329 | <10 | 113 | |
| 36272 | | 442 | <10 | 156 | |
| 36273 | | 248 | <10 | 155 | |
| 36274 | | 333 | <10 | 121 | |
| 36275 | | 318 | 10 | 105 | |
| 36276 | | 213 | 10 | 20 | |
| 302// | | 326 | <10 | 48 | |
| 36279 | | 257 | <10 | 134 | |
| 20273 | | 231 | \$10 | | |



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| | | | | | | | | | C | ERTIFIC | CATE O | F ANA | YSIS | VA101 | 51300 | |
|--|-----------------------------------|-----------------------------------|--------------------------------------|----------------------------------|--------------------------------------|----------------------------------|--|--|--|-----------------------------|-----------------------------|--------------------------------|---------------------------------------|----------------------------------|--------------------------------------|----------------------------------|
| ample Description | Method Analyte Units LOR | ME- ICP61 Ag ppm 0.5 | ME- ICP61 Al % 0.01 | ME- ICP61 As ppm S | ME-ICP61 Ba ppm 10 | ME- ICP61 Be ppm 0.5 | M£- ICP61 Bi ppm 2 | ME- ICP61 Ca % 0.03 | ME- ICP61 Cd ppm 0.5 | ME- ICP61 Co ppm 1 | M£- ICP61 Ст ррт 1 | ME-ICP61 Cu ppm 1 | ME- ICP63 Fe % 0.01 | ME-ICP61 Ga ppm 10 | ME- ICP61 K % 0.03 | ME- ICP61 La ppm 10 |
| 36280 36281 36282 36283 36284 36284 | | <0.5 <0.5 0.6 0.8 0.6 | 8.09 8.01 8.14 7.93 6.71 | 8 9 32 25 477 | 1580 1380 1000 720 680 | 0.9 0.9 1.0 1.2 1.0 | 5 2 <2 2 6 | 7,85 8.06 8.76 8.71 10.20 | 0.7 <0.5 <0.5 0.5 <0.5 | 26 25 23 26 27 | 50 52 42 61 78 | 65 89 110 90 77 | 8.99 8.57 7.43 7.69 7.44 | 20 20 20 20 20 20 | 2.30 2.08 1.93 1.62 2.12 | 20 20 20 20 20 20 |
| 36285 36286 36287 36288 36289 | | 0.5 <0.5 0.5 0.5 0.8 | 5.85 7.32 7.16 6.81 7.14 | 1905 18 463 481 60 | 540 930 810 1050 1310 | 1.0 1.1 1.2 1.0 1.1 | 6 4 3 <2 <2 | 8.82 8.01 6.15 8.54 7.54 | <0.5 <0.5 0.7 0.6 <0.5 | 39 34 27 33 41 | 75 76 75 87 83 | 120 69 79 69 129 | 9.45 9.47 8.30 9.16 8.97 | 10 20 20 20 20 | 1,55 1,88 2,69 1,94 2,55 | 20 20 20 20 20 |
| 36290 36291 36292 36293 36293 36294 | | 0.8 0.5 0.7 0.8 0.7 | 7.16 7.35 6.94 9.61 8.90 | 40 13 2990 24 <5 | 1450 1100 1170 540 1700 | 0.9 1.0 1.1 1.2 0.9 | <2 2 2 <2 <2 <2 | 6.38 7.61 6.24 10.85 7,55 | <0.5 <0.5 0.5 <0.5 <0.5 | 27 26 24 21 30 | 81 68 53 14 44 | 128 69 70 58 97 | 8.49 8.55 7.55 6.89 8.91 | 20 20 20 20 20 20 | 2.38 2.12 2.31 1.13 2.56 | 20 20 20 10 20 |
| 36295 36296 36297 36298 36298 36299 | | <0.5 0.7 0.9 0.6 0.6 | 8.67 6.72 8.34 9.48 7.77 | 7 175 <5 9 8 | 1250 1200 1320 1670 1400 | 0.9 0.9 0.8 1.1 0.7 | <2 <2 5 4 2 | 7.21 5.37 6.72 4.26 7.41 | <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 | 25 18 36 19 30 | 38 47 21 30 21 | 61 44 128 92 117 | 9.06 7.19 10.45 8.41 9.09 | 20 20 20 20 20 20 | 2.23 2.40 2.92 2.59 2.80 | 20 20 20 20 20 20 |
| 36300 36301 36302 36303 36304 | | 0.6 0.8 0.5 0.7 <0.5 | 7.01 7.04 6.91 7.63 5.82 | 2200 1625 14 24 6810 | 990 280 200 210 270 | 1.0 1.1 1.0 1.1 0.9 | 3 3 5 2 <2 | 7,69 10.80 12.95 11.40 11.00 | <0.5 0.9 1.3 <0.5 <0.5 | 29 24 19 24 31 | 39 50 51 70 86 | 118 112 69 135 121 | 9.79 8.30 6.77 7.76 8.62 | 20 20 20 20 20 10 | 2.06 0.93 0.43 0.57 0.61 | 20 20 20 20 20 20 |
| 36305 36306 36307 36308 36309 | | 0.8 0.6 0.6 1.0 0.6 | 3.53 4.21 6.36 6.70 7.37 | 2340 18 74 >10000 63 | 140 40 530 300 550 | 0.6 0.8 0.8 0.8 1.1 | 4 2 3 <2 <2 | 8.72 14.1 9.82 10.40 6.88 | <0.5 1.0 <0.5 <0.5 <0.5 | 13 23 28 27 27 | 52 141 61 30 39 | 54 121 45 79 52 | 4.44 8.18 9.29 7.68 9.27 | 10 10 20 20 20 | 0.47 0.08 1.52 0.92 1.88 | 10 20 20 30 30 |
| 36310 36311 36312 36313 36314 | | 1.2 1,4 1.2 1.2 1.3 | 7.10 8.06 8.06 8.75 1.08 | 19 172 15 12 20 | 620 730 730 610 240 | 1.0 1.2 1.1 1.1 <0.5 | <2 <2 <2 <2 <2 <2 <2 | 6.92 7.57 6.44 7.75 1.62 | <0.5 <0.5 <0.5 <0.5 0.5 0.5 | 28 25 24 26 5 | 46 42 46 44 26 | 56 33 51 43 17 | 9,51 9.19 8.06 8.62 1.40 | 20 20 20 20 <10 | 1.89 1.82 1.99 1.84 0.29 | 30 30 20 30 10 |
| 36315 36316 | | <0.5 1.6 | 1.04 0.97 | 11 6 | 300 370 | <0.5 <0.5 | <2 <2 | 1.05 0.24 | 2.0 5.5 | 3 4 | 24 30 | 13 14 | 13.10 1.03 | <10 <10 | 0.15 0.35 | 10 10 |



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CERTIFICATE OF ANALYSIS VA10151300

| Sample Description | Method Analyte Units LOR | ME-JCP61 Mg % 0.01 | ME-ICP61 Mn ppm S | ME- ICP61 Mo ppm } | ME- 1CP61 Na % 0.01 | ME- ICP61 Ni ppm 3 | ME-ICP61 P ppm 10 | ME- ICP61 Pb ppm 2 | ME- ICP61 S % 0.03 | ME- ICP61 Sb ppm S | ME-3CP61 Sc ppm 1 | ME- ICP61 Sr ppm 1 | ME-ICP61 Th ppm 20 | ME- ICP61 Ti % 0.03 | ME-ICP61 Tf ppm T0 | MÉ-ICP61 U ppm 10 |
|-------------------------|-----------------------------------|-----------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|
| 36280 36281 | | 3.73 3.85 | 1745 1670 | <1 <1 | 1.70 1.55 | 8 9 | 3800 3540 | 7 8 | 0.28 0.97 | <5 <5 | 41 40 | 1350 1300 | <20 <20 | 0.65 0.60 | <10 <10 | <10 <10 |
| 36282 36283 36284 | | 2.14 2.98 2.59 | 1480 1470 1765 | <1 <1 | 1.58 1.15 0.93 | 9 17 17 | 2800 2760 2870 | 4 5 10 | 1.72 0.92 1.62 | <5 <5 7 | 32 36 37 | 1320 876 896 | <20 <20 <20 | 0.46 0.52 0.46 | <10 <10 <10 | <10 <10 <10 |
| 36285 36286 36287 | | 3.41 4.46 3.97 | 1785 1780 1370 | <1 <1 | 1.15 | 17 15 | 3350 4370 3700 | 9 7 10 | 3.41 0.61 | <5 <5 | 44 47 | 719 850 | <20 <20 | 0.51 0.67 | <10 <10 | <10 <10 <10 |
| 36287 36288 36289 | | 4.79 3.61 | 1735 1550 | <1 <1 | 0.97 1,05 | 21 15 | 3750 3440 | 6 10 | 0.59 2.08 | ~5 <5 <5 | 43 43 41 | 783 901 | <20 <20 <20 | 0.63 0.56 | <10 <10 <10 | <10 <10 <10 |
| 36290 36291 36292 | | 3.84 3.95 3.08 | 1395 1625 1245 | <1 <1 1 | 1.27 1,30 1.28 | 14 11 9 | 3640 3820 3530 | 5 6 18 | 1.64 0.80 1.14 | <5 <5 | 40 43 41 | 826 899 831 | <20 <20 <20 | 0.55 0.60 | <10 <10 <10 | <10 <10 <10 |
| 36293 36294 | | 2.05 3.76 | 1420 1565 | 1 <1 | 1.69 1.59 | 5 7 | 1720 4510 | 6 7 | 0.53 0.70 | 6 <5 | 22 39 | 1600 1480 | <20 <20 <20 | 0.46 0.66 | <10 <10 <10 | <10 <10 <10 |
| 36295 36296 36297 | | 3.52 2.93 3.91 | 1615 1180 1565 | <1 2 2 | 1.64 1.38 1.59 | 5 6 3 | 3830 3070 4680 | 5 7 6 | 0.69 0.62 | <5 <5 | 42 35 52 | 1190 821 1080 | <20 <20 | 0.69 0,52 | <10 <10 | <10 <10 |
| 36298 36299 | | 3.32 3.78 | 1135 1440 | 1 3 | 2.19 1.24 | 2 4 | 3880 4940 | 6 9 | 1.00 1.20 | <5 <5 <5 | 32 53 | 965 989 | <20 <20 <20 | 0.66 0.75 | <10 <10 <10 | <10 <10 <10 |
| 36300 36301 26302 | | 3.26 3,37 2.95 | 1515 1690 1405 | 1 <1 1 | 1.16 0.97 | 14 20 29 | 4470 4050 2470 | 6 5 3 | 1.76 1.30 | 6 <5 | 47 38 28 | 870 1030 | <20 <20 | 0.61 0,38 | <10 <10 <10 | <10 <10 |
| 36302 36303 36304 | | 3.26 3.52 | 1595 1590 | <1 2 | 1,16 1,09 | 41 55 | 3040 3130 | 6 7 | 1.46 2.33 | <5 8 | 20 34 37 | 1340 762 | <20 <20 <20 | 0.30 0.48 | <10 <10 <10 | <10 <10 <10 |
| 36305 36306 36307 | | 1.68 3.84 | 1085 1570 1710 | 2 5 | 0.80 0.31 | 31 111 | 1370 2490 | 3 7 7 | 0.88 | <5 <5 | 17 34 | 519 991 777 | <20 <20 <20 | 0.28 | <10 <10 <10 | <10 <10 <10 |
| 36307 36308 36309 | | 2.90 3.79 | 1470 1380 | 2 <1 | 2.09 1.48 | 15 11 | 4070 4350 | 10 2 | 1.50 0.69 | 11 <5 | 44 52 | 801 723 | <20 <20 <20 | 0.63 0.77 | <10 <10 <10 | <10 <10 <10 |
| 36310 36311 | | 3.93 3.67 2.40 | 1460 1430 | <1 | 1.37 1.58 | 12 9 | 4340 4240 3240 | <2 <2 | 0.86 0.39 | 5 <5 | 54 50 | 769 1030 | <20 <20 | 0.80 0.79 | <10 <10 | <10 <10 |
| 36312 36313 36314 | | 3.19 3.49 0.18 | 1355 241 | <1 1 | 1.43 1.51 0.28 | 13 11 25 | 4010 160 | <2 <2 16 | 0.78 0.55 0.04 | <5 <5 | 56 44 4 | 1120 172 | <20 <20 <20 | 0.72 0.04 | <10 <10 <10 | <10 <10 <10 |
| 36315 36316 | | 0,11 0.08 | 833 95 | 6 1 | 0.31 0.08 | 90 13 | 130 200 | <2 <2 | 0.05 0.02 | 5 <5 | 4 3 | 149 38 | <20 <20 | 0.02 0.04 | <10 <10 | <10 <10 |
| | | | | | | | | | | | | | | | | |



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Page: 4 - C Total # Pages: 4 (A - C) Finalized Date: 23-OCT- 2010 Account: ESOURA

Project: Monashee

| Sample Description | Method Analyte Units LOR | ME~ ICP61 V ppm } | ME-ICP61 W ppm 10 | ME-ICP6} Zn ppm 2 | |
|--|-----------------------------------|---------------------------------|--|---------------------------------|--|
| 36280 36281 36282 36283 | | 383 357 296 316 | <10 <10 10 <10 | 140 102 86 115 | |
| 36284 | | 320 | 20 | 65 | |
| 36285 36286 36287 36288 36288 | | 336 423 364 368 363 | <10 <10 <10 <10 <10 | 89 140 167 153 103 | |
| 36290 36291 36292 36293 36293 36294 | | 367 405 347 238 377 | <10 10 <10 <10 <10 <10 | 103 142 143 75 130 | |
| 36295 36296 36297 36298 36299 | | 374 321 435 369 414 | <10 <10 <10 <10 <10 | 125 103 143 108 132 | |
| 36300 36301 36302 36303 36304 | | 374 313 258 286 319 | <10 <10 <10 <10 <10 <10 | 121 124 146 92 99 | |
| 36305 36306 36307 36308 36309 | | 179 374 435 365 436 | 10 <10 <10 20 <10 | 77 267 98 110 134 | |
| 36310 36311 36312 36313 36314 | | 454 442 373 418 31 | <10 <10 <10 <10 <10 <10 | 131 137 119 121 39 | |
| 36315 36316 | | 18 24 | <10 <10 | 109 235 | |