

2011 Diamond Drilling and Geochemical Report

Volume I - Report

on the

Dragon Lake Property

Whitehorse Mining District

Mapsheets 105J/11 and 105J/12

Center of Work

Latitude 62° 36' N, Longitude 131°32' W

Prepared for:

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Date

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SUMMARY

This technical report highlights results of the 2011 exploration program on the Dragon Lake property. This property is located 80 kilometers northeast of Ross River in the Whitehorse Mining District. It has been the subject of exploration activities since copper and gold mineralization was discovered on the property by the Geological Survey of Canada in 1945. Exploration work in the 1960's and 1980 demonstrated significant mineralization (up to 1.5 g/t Au and 2.5 g/t Au) in skarn pods, veins and sheeted quartz vein systems in contact zones and along structures peripheral to a Cretaceous syenite stock. Eagle Plains Resources Ltd. began exploring the property in 1996. Since then, geochemical, geophysical, trenching and drilling activities have advanced the understanding of the property. The 2011 exploration program was a joint-venture between Eagle Plains Resources Ltd and Olympic Resources Ltd.

The Dragon Lake property consists of 44 contiguous mineral claims, as shown in Figure 2 and listed in Table 1. The original Drag 1-8 claims were staked in 1996 and recorded in the office of the district mining recorder in Whitehorse. The Drag 13-24 were staked in 1997 and the Drag 25-44 were staked in 1999. An additional 4 claims were staked in 2011: Dragon Lake 1 - 4.

The 2011 exploration program was completed on the Dragon Lake property over a 27 day period between June 18th and July 15th, 2011.

Exploration work on the property included:

- A six hole, 607.61 meter diamond drill program
- Rock sampling geochemical anomalies defined in 2010 to verify and expand on results

Highlights from the 2011 Diamond Drill Program are as follows:

Hole Number	From(m)	To(m)	Interval Length (m)	Au g/t	Ag ppm
DR11001	22.45	27.27	4.82	0.68	0.3
DR11003	13.00	17.00	4.00	0.46	1.1
DR11004	60.00	71.54	11.54	0.56	0.7
DR11004	79.00	80.00	1.00	1.26	1.2
DR11004	93.85	94.90	1.05	0.96	2.1
DR11005	21.55	22.00	0.45	2.18	0.5
DR11005	47.91	49.13	1.22	1.75	1.2
DR11005	78.00	79.00	1.00	1.59	0.2
DR11005	91.13	91.34	0.21	1.73	1.0
DR11006	21.70	22.36	0.66	0.19	90.2

Conclusions from the 2011 program include the following:

- Rock sampling identified a new skarn style mineral occurrence, which is overlain by a strong gold in soil anomaly as identified in 2010 (DRL021 06+00W 454 ppb Au). Rock sample ERDRR003 returned a value of 140 ppb Au from this occurrence.
- Diamond drilling confirmed the presence of gold+/-silver mineralization within skarn and narrow quartz veins.
- Gold+/-Silver mineralization is highly variable in concentration and distribution within skarn

replacement bodies.

- Faulting of skarn altered lithologies off-sets mineralized zones, creating discontinuous “skarn pods”. Offset of the mineralized zones may significantly impact the economic potential of the Dragon Lake Property.
- The extent of known precious metal mineralization, and anomalous soil geochemistry forms a broad WNW trending zone measuring approximately 1.3 km in length and 0.35 km in width.

The recommendations for future work on the property include:

- Detailed property scale mapping, with an emphasis on structural geology is required to determine if the north-south lineations observed on a property scale act as conduits for precious metal mineralization.
- Trenching, bedrock mapping and sampling of the new skarn zone identified by soils in 2010 and prospecting in 2011.
- Prospecting and mapping as follow up to soil geochemical anomalies defined by the 2010 exploration to generate targets for trenching activities.
- Additional detailed soil sampling to further define geochemical targets.
- Diamond drilling to test high priority targets

Total expenditures by Olympic Resources in 2011 on the Dragon Lake Project were \$450,224.07.

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INTRODUCTION

This report highlights results of the 2011 exploration program on the Dragon Lake property. The Dragon Lake property is located 80 kilometers northeast of Ross River in the Whitehorse Mining District. It has been the subject of exploration activities since copper and gold mineralization was discovered on the property by the Geological Survey of Canada in 1945. Exploration work in the 1960's and 1980 demonstrated significant mineralization (up to 1.5 g/t Au and 2.5 g/t Au) in skarn pods, veins and sheeted quartz vein systems in contact zones and along structures peripheral to a Cretaceous syenite stock. Eagle Plains Resources Ltd. began exploring the property in 1996. Since then, geochemical, geophysical, trenching and drilling activities have advanced the understanding of the property. The programs conducted by Eagle Plains Resources Ltd on the Dragon Lake Property confirmed the presence of anomalous gold concentrations in contact metasomatic (Skarn) and altered sedimentary rocks adjacent to the Cretaceous intrusion. The 2011 exploration activities on the Dragon Lake Property were a joint venture between Eagle Plains Resources Ltd and Olympic Resources Ltd.

Exploration work occurred between June 18th and July 15th, 2011, from a camp set up on the south shore of Dragon Lake.

Location and Access and Physiography

The Dragon Lake property is located 280 km northeast of Whitehorse (500 km by road) or 80 km northeast of Ross River, Yukon. The area is immediately southwest of Dragon Lake on NTS map sheet 105J/11 and 12 in the Whitehorse Mining District, centred at 62° 36' latitude and 131° 32' longitude (Figure 1). In 2009, the property was accessed by helicopter out of Ross River and Faro, Yk. Alternate access by boat is possible from the North Canol Road from a staging area at kilometer 110. Good camp sites are available on the shoreline of Dragon Lake in Dragon Lake claims 3 and 4. Figures 1 and 2 show the property location and tenure. Logistically, Whitehorse, Ross River and Watson Lake provide supplies, accommodations and government services for the district and there is a government maintained airstrip at Ross River.

Dragon Lake occupies a southeast-northwest trending valley surrounded by low hills sloping up to higher mountain peaks and upland plateau's to the south. Elevations range from 857 to 1060 meters. The claim area rises to the south and is incised by three narrow creek gullies. Most outcrop is located on ridges flanking the creek gullies and above depressions containing small ponds. Overburden depth is variable but averages 4 meters. Glaciation has left a few eskers along the north shoreline of Dragon Lake.

Vegetation consists of buck brush with thickets of small poplar trees. Otherwise, a forest fire from the late 1990's has left mainly dead standing trees. The ground cover is fairly thick and any ground development would require linecutting. The district has a northern interior climate marked by long cold winters and moderate annual precipitation. Exploration on the property can be performed from May until October but is possible on a year round basis.

Tenure

The Dragon Lake property consists of 44 contiguous mineral claims, as shown in Figure 2 and listed in Table 1. The original Drag 1-8 claims were staked in 1996 and recorded in the office of the district mining recorder in Whitehorse. The Drag 13-24 were staked in 1997 and the Drag 25-44 were staked in 1999. The Dragon Lake 1 – Dragon Lake 4 claims were staked in 2011.

The mineral claim boundaries have not yet been legally surveyed. Title to the claims is held 100% in the name of Eagle Plains Resources Ltd. The property is subject to a 1.0 % Net Smelter Return Royalty (NSR) on any future production payable to Mr. Bernie Kreft. Claim information is as follows:

Table 1 – Tenure Summary

Quartz Claim Number	Claim Name	Claim Number	Ownership*	Mining District	Recorded Date	Expiry Date
YB67142	DRAG	1	EPL	Whitehorse	6/28/1996	12/7/2014
YB67143	DRAG	2	EPL	Whitehorse	6/28/1996	12/7/2014
YB67144	DRAG	3	EPL	Whitehorse	6/28/1996	12/7/2014
YB67145	DRAG	4	EPL	Whitehorse	6/28/1996	12/7/2014
YB96313	DRAG	5	EPL	Whitehorse	9/20/1996	12/7/2014
YB96314	DRAG	6	EPL	Whitehorse	9/20/1996	12/7/2014
YB96608	DRAG	7	EPL	Whitehorse	9/30/1996	12/7/2014
YB96609	DRAG	8	EPL	Whitehorse	9/30/1996	12/7/2014
YC09170	DRAG	13	EPL	Whitehorse	12/7/1998	12/7/2014
YC09171	DRAG	14	EPL	Whitehorse	12/7/1998	12/7/2014
YC09172	DRAG	15	EPL	Whitehorse	12/7/1998	12/7/2014
YC09173	DRAG	16	EPL	Whitehorse	12/7/1998	12/7/2014
YC09174	DRAG	17	EPL	Whitehorse	12/7/1998	12/7/2014
YC09175	DRAG	18	EPL	Whitehorse	12/7/1998	12/7/2014
YC09176	DRAG	19	EPL	Whitehorse	12/7/1998	12/7/2014
YC09177	DRAG	20	EPL	Whitehorse	12/7/1998	12/7/2014
YC09178	DRAG	21	EPL	Whitehorse	12/7/1998	12/7/2014
YC09179	DRAG	22	EPL	Whitehorse	12/7/1998	12/7/2014
YC09180	DRAG	23	EPL	Whitehorse	12/7/1998	12/7/2014
YC09181	DRAG	24	EPL	Whitehorse	12/7/1998	12/7/2014
YC18115	DRAG	25	EPL	Whitehorse	8/10/1999	12/7/2014
YC18116	DRAG	26	EPL	Whitehorse	8/10/1999	12/7/2014
YC18117	DRAG	27	EPL	Whitehorse	8/10/1999	12/7/2014
YC18118	DRAG	28	EPL	Whitehorse	8/10/1999	12/7/2014
YC18119	DRAG	29	EPL	Whitehorse	8/10/1999	12/7/2014
YC18120	DRAG	30	EPL	Whitehorse	8/10/1999	12/7/2014

Quartz Claim Number	Claim Name	Claim Number	Ownership*	Mining District	Recorded Date	Expiry Date
YC18121	DRAG	31	EPL	Whitehorse	8/10/1999	12/7/2014
YC18122	DRAG	32	EPL	Whitehorse	8/10/1999	12/7/2014
YC18123	DRAG	33	EPL	Whitehorse	8/10/1999	12/7/2014
YC18124	DRAG	34	EPL	Whitehorse	8/10/1999	12/7/2014
YC18125	DRAG	35	EPL	Whitehorse	8/10/1999	12/7/2014
YC18126	DRAG	36	EPL	Whitehorse	8/10/1999	12/7/2014
YC18127	DRAG	37	EPL	Whitehorse	8/10/1999	12/7/2014
YC18128	DRAG	38	EPL	Whitehorse	8/10/1999	12/7/2014
YC18129	DRAG	39	EPL	Whitehorse	8/10/1999	12/7/2014
YC18130	DRAG	40	EPL	Whitehorse	8/10/1999	12/7/2014
YC18131	DRAG	41	EPL	Whitehorse	8/10/1999	12/7/2014
YC18132	DRAG	42	EPL	Whitehorse	8/10/1999	12/7/2014
YC18133	DRAG	43	EPL	Whitehorse	8/10/1999	12/7/2014
YC18134	DRAG	44	EPL	Whitehorse	8/10/1999	12/7/2014
YD 65468	Dragon Lake	1	EPL	Whitehorse	27/6/2011	27/6/2012
YD 65469	Dragon Lake	2	EPL	Whitehorse	27/6/2011	27/6/2012
YD 65470	Dragon Lake	3	EPL	Whitehorse	27/6/2011	27/6/2012
YD 65471	Dragon Lake	4	EPL	Whitehorse	27/6/2011	27/6/2012

140°0'0"W

135°0'0"W

130°0'0"W

125°0'0"W



OLA:TSX-V

EPL:TSX-V

**Eagle Plains
Resources Ltd.****Figure 1 - Property Location Map**Projection - NAD 1983 UTM Zone 09N
Nominal Scale - 1 : 4,000,000Date - 9/11/2011
Drawn By - MAM

65°0'0"N

65°0'0"N

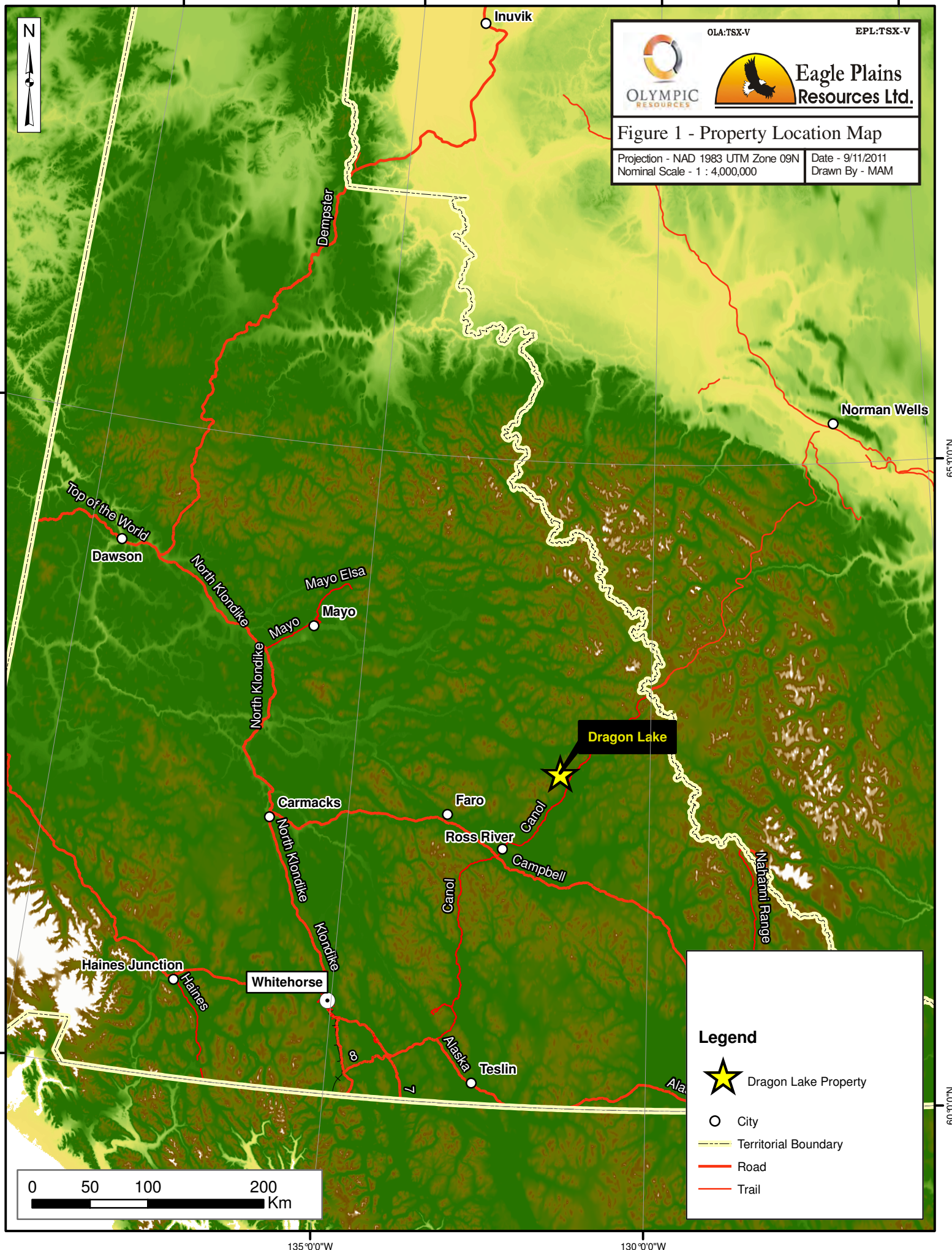
60°0'0"N

60°0'0"N

0 50 100 200 Km

135°0'0"W

130°0'0"W

**Legend**

Dragon Lake Property



City



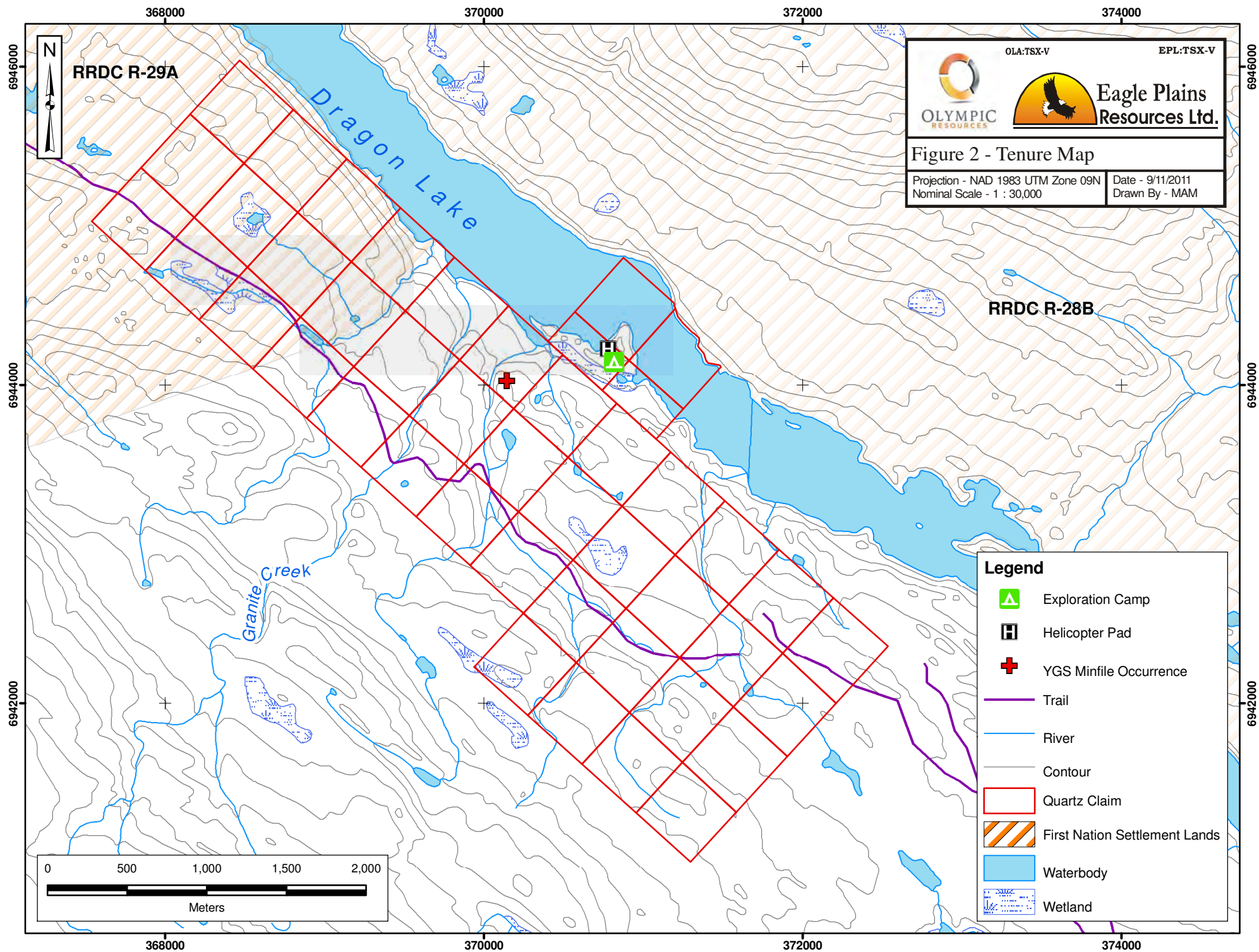
Territorial Boundary



Road



Trail



History and Previous Work

The Ross River area was first explored in 1880 by Robert Campbell of the Hudsons Bay Company. Prospectors entered the country via the Liard River around the 1880's looking for placer gold deposits, which they found in minor amounts in the Finlayson River. Prospecting activity increased dramatically in the 1950's and 1960's with the discovery of the Anvil lead-zinc deposit at Faro. In the 1990's a large exploration rush occurred in the area due to the discovery of the Kutz ze Kayah and Wolverine massive sulphide deposits in the Finlayson Lake area. Also in the late 1990's, was an exploration boom in the "Tintina Gold Belt" for Intrusive-hosted gold mineralization associated with mid-Cretaceous intrusions. Since then, the Ross River area has experienced an increase in exploration activity and many mineral occurrences in the Selwyn Basin are being re-visited.

Copper and gold mineralization was discovered on the property by the Geological Survey of Canada in 1945. In 1960, Kennco Explorations (Western) Ltd staked the PAD Group of claims to cover the showing and conducted a program of geological mapping and a magnetic survey (Rayner and Gower, 1961). They identified three zones of skarn-type alteration with variable concentrations of pyrrhotite mineralization up to 20% and minor amounts of chalcopyrite, scheelite and magnetite. They did not report any analytical results. There is no record of any further work by Kennco and the property was later allowed to lapse.

In 1983, Canamax Resources Inc staked the Nurf claims to cover the showings and conducted an eight-day field program consisting of geological mapping and soil geochemical sampling (Hitchins, 1983). Highlights of their work were a rock sample that contained 3.02 gm/mt (0.088 oz/T) gold and 67.1 gm/mt (1.96 oz/T) silver from a narrow arsenopyrite-quartz-sericite vein in gritty quartzite and 0.5% copper and 1.99 gm/mt (0.058 oz/T) gold from a pyrrhotite-pyroxene skarn pod that measured up to 2 by 5 m. Canamax concluded that the soil geochemical survey indicated that the skarn mineralization did not extend beyond what had been identified in the surface showings and that the tungsten and copper values in veins and skarn are disappointing. There is no record of any further work by Canamax and the property was later allowed to lapse.

In 1988, Welcome North Mine Ltd staked the Fire claims and later that year conducted a field program consisting of geological mapping, rock and soil sampling (McClintock, 1988). Highlights of their program was a 1 m chip sample from the eastern most showing that ran 4.45 gm/t gold and a 1 m chip sample from a small showing 100 m north of there that contained 12.7 gm/mt gold and 5.4% arsenic. There is no record of any further work by Welcome North and the property was later allowed to lapse.

The Drag property was staked in 1996 by prospector Bernie Kreft on behalf of Eagle Plains Resources Ltd and Miner River Resources Ltd, a 50-50 joint venture. The joint venture conducted a 5-day program of prospecting and re-sampling of the old showings later that year (Dickie, 1996). In 1997, Mr Kreft conducted a program of hand trenching on behalf of the joint venture, trenching and sampling 14 sites (Davidson, 1997). This work returned a number of anomalous values, including 2,643 ppb gold over 1.0 m in Trench 1, 2,815 ppb gold over 6.0 m in trench 2, 2,055 ppb gold over 2.0 m in trench 11 and 1,681 ppb gold over 3.6 m in trench 12.

In 1999, Eagle Plains conducted a program involving rock sampling, a magnetometer survey and diamond drilling of 4 holes for a total of 301 metres. The drill program returned thick bands of actinolite skarn in calc-silicate rock that contained up to 5% pyrrhotite. The most significant results

from the drill program are 2,142 ppb gold from 49.3 to 59.5 m and 3,664 ppb gold from 106.6 to 107.8 m in hole D99-01; and 630 ppb gold from 15.6 to 16.4 m in hole D99-03.

In 2004, Eagle Plains Resources Ltd conducted a program of Induced Polarization (IP) and VLF-EM geophysical surveying on the property and regional exploration consisting of stream sediment sampling and reconnaissance soil sampling in a large area west of the property. The regional sampling program did not return any significant base or precious metals values.

The 2004 geophysical program consisted of cutting 7.1 km of line on which 6.3 km of IP/Resistivity surveying was conducted and 3.4 km of VLF-EM surveying. The IP survey identified a zone of elevated chargeability that is 300 m wide and corresponds with a number of showings that contain elevated gold values. This zone is open to the east. A second chargeable zone that measures 10 to 50 m wide was identified in the central part of the grid. It also correlated well with soil geochemical gold anomalies. At both of these locations drill holes in the area appear to have missed the highest chargeability portion of the anomalies.

In 2005, Eagle Plains Resources contracted Aurora Geosciences Ltd. to create, sample and map 8 blast trenches in areas of anomalous soil geochemical results and IP chargeability responses. All but three of the trenches reached bedrock. Where bedrock was encountered, the rocks generally exhibited moderate to intense contact metasomatic alteration (skarn-type alteration) and, in places, exhibited intense iron-oxide (gossanous) staining. The alteration consisted of silica and clay alteration. Most trenches contained variable amounts of sulphide mineralization up to a maximum of 10% locally (over 1 m), mainly as pyrite and pyrrhotite. A total of 60 trench chip and grab samples were collected during the 2005 program. The best results for gold were from the grab samples in the pits in Trench 4, where 3 samples returned 481.8 ppb, 799.8 ppb and 1140.1 ppb. Elsewhere, the composite chip sample results for the trenches were all <200 ppb gold. A few of the IP chargeability anomalies identified in the areas of Trench 1, Trench 6 and Trench 7 remain to be evaluated. Also other chargeability anomalies scattered throughout the property remain to be tested.

In 2009, Eagle Plains Resources contracted TerraLogic Exploration Services to conduct a minor soil geochemical program. This program consisted of a total of 260 soil samples over 8 lines. This work confirmed and in-filled some of the results from the historical 1983 grid over the main skarn and contact zones as well as expand the soil sampling coverage to the southern parts of the property.

In 2010, Eagle Plains Resources contracted TerraLogic Exploration Services to conduct a 16 day program between June 4th and 20th, 2010. The exploration work included a soil geochemical orientation survey using the XRF and soil geochemical sampling to verify historic results and cover the ground on the SE and NW part of the property that was previously unsampled. Work was also completed to verify and review historic chip sampling results from trenches. Chip samples were completed over the highest historic values and separated out into 1 m sections to get a better understanding of the of grade distribution. A number of Au, Cu, As geochemical anomalies from the 1988 and 2009 soil programs were followed up by digging exploration pits to get an understanding of the anomalous source. Limited geological mapping was completed, focusing on the main skarn zone and the contact zone. Geological features were mapped in the SE part of the property where limited outcrop exposures make it difficult to draw geological conclusions. The historic drill core from the 1999 was re-evaluated from locations on-site. The XRF analyzer was used to evaluate the exploration pits, get an understanding of the geochemical orientation on the property and to get real-time results on the 2010 soil samples so infill

lines between anomalous zones could be completed during the program.

A total of 709 soil sample stations were taken during the course of the program, resulting in 521 soil samples sent to the lab for analysis. These include samples to confirm historic results, new soil lines in the southeast and very northwest of the property and infill of anomalous signatures delineated from the XRF results in the field. 188 soil samples from the 2009 program were also sent to the lab for Au geochemical analysis. The main anomalous areas are associated with known zones of skarn mineralization but do expand past what is known from surface outcrops and confirms continuity into the areas of overburden. This area of coincident anomalous Au, Cu and Bi is contiguous with the historic results on the property resulting in a total anomalous zone of roughly 400 m by 700 m, extending down to DRL028 to the SE and 150 m NW of DRL009 around DR10P005 .

On line DRL009, there is a linear 150 m Au-Bi anomaly from 6+75 W to 8+25 W. Of particular interest is a new area to the far NW of the 2010 work area that identified a linear 100 m length anomaly on line DRL021 consisting of coincident highly anomalous Au, Bi and Cu, including the highest returned soil value not from an exploration pit of 454 ppb Au (DRL021 06+00W). Unfortunately, there were no significant anomalous values returned for any elements of interest from any of the samples taken from the previously underexplored S and SE region of the property. This area, however, does represent an area with significant sampling issues with very poor soil quality and abundant swampland.

A total of 59 rock samples were taken during the program. They include chip samples of historic trenches to verify and get better understanding of mineralization distribution. Some grab samples were taken at certain locations where there was limited sampling and outcrop. The main focus of the rock sampling was to re-sample the historic trenches to verify historical results. Rock samples were also collected on mapping traverses or when interesting features were located in outcrop during soil sampling traverses.

The following results were returned from re-sampled historic trenches:

- 1.5 m of 1.93 g/t Au, 1.3 g/t Ag, 0.1 % Cu (7R56987)
 - Historic value of 1.4 g/t Au over 1.5 m (T02-02)
- 3 m of 2.16 g/t Au (7R56988)
 - historic value of 1.97 g/t Au over 3 m (T09-02)
- 1.8 m of 2.71 g/t Au, 1.6 g/t Ag, 0.13% Cu (7R56989-90), including 1 m of 3.28 g/t Au, 1.9 g/t Ag and 0.15 % Cu (7R56990)
 - Historic value of 2.3 g/t Au over 1.8 m (T12-02)
- 6 m chip sample of 4.9 g/t Au, 1.1 g/t Ag and 0.1% Cu (ETDRR001-003 and AHDRR010-012), including 4 m of 6.7 g/t Au 1.4 g/t Ag and 0.12 % Cu (ETDRR001-003 and AHDRR010), and 1 m of 19 g/t Au, 1.9 g/t Ag and 0.12 % Cu (ETDRR003).
 - Historic results of 3 m of 1.1 g/t (97-3) and 2 m of 2.1 g/t Au (T11-04)

Some smaller skarn pods were located between the Main zone and the intrusive contact. Results of interest from these pods as well as other zones of interest in the contact zone area include:

- AHDRR013: 1.26 g/t Au, 2 g/t Ag

- sample at contact between contact of 10 m marble zone with arenite unit, forms skarn zone
- AHDRR016: 1.74 g/t Au, 15.3 g/t Ag
 - quartz veining in arenite unit
- AHDRR006: 0.52 g/t Au, 1.5 g/t Ag, 0.19 % Cu
 - 1 m chip along skarn outcrop
- AHDRR014: 0.69 g/t Au, 1.4 g/t Ag
 - skarn pod across the creek, 50 m from sample AHDRR013
- BWDRR023: 0.61 g/t Au, 3.1 g/t Ag, 0.25 % Cu
 - massive sulphide zone at contact zone between intrusive and sediments

The rock correlation dataset is dominated by samples of skarn mineralization taken in 2010. The strongest correlation with gold is bismuth, with a 0.91 correlation. The next best correlation is with copper, at 0.73 with lesser correlations with silver (0.68) and tungsten (0.60). Along with gold and bismuth, copper also has a strong correlation with cobalt (0.71). These elements are typical for Au skarns, with possibly some influence of Intrusion Related Au. The one difference in this signature from typical Au skarns, however, is that there appears to be no correlation between arsenic and gold or copper.

Along with the ground based field program, a 196 Airborne geophysical program was completed over the property. This consisted of Electromagnetic and Magnetic Surveys at 100 m spaced lines to test for buried intrusions and structures that could focus the flow of mineralized fluids.

GEOLOGY

Regional Geology

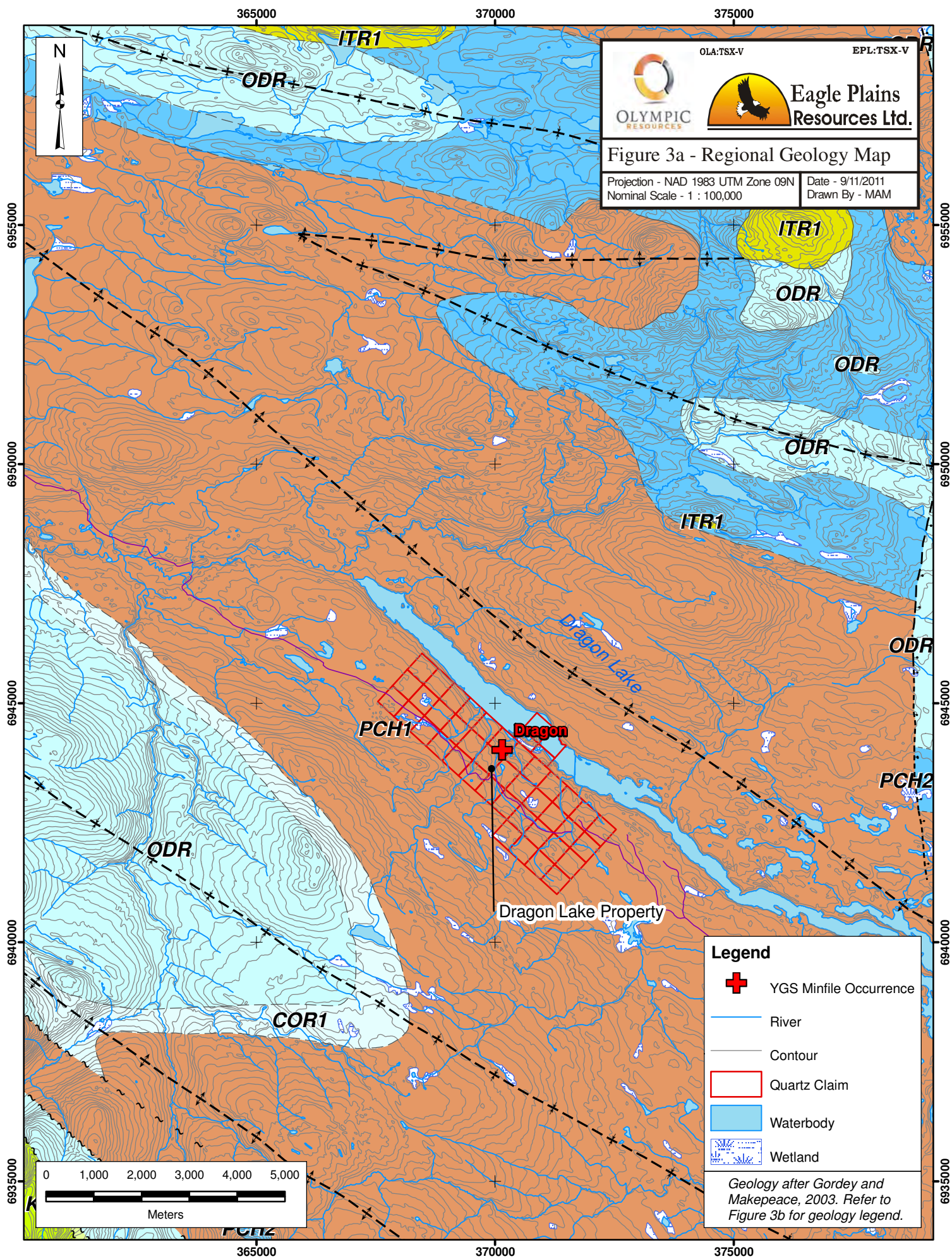
The regional geological setting of the area is taken from Gordey and Makepeace (2003). The property lies within the Selwyn Basin, which is comprised of Late Proterozoic to Mid-Paleozoic continental margin sediments. The basinal rocks in the area of the property consist of the Hyland Group (PCH) overlain by the Rabbitkettle Formation (COR), the Road River Group (ODR), and a small outcropping of the Ross Formation (ITR) well northeast of the property (Figure 3). The Table of Formations is listed below:

Table 2 - Table of Formations (after Gordey & Makepiece (2003))

Formation (Age)	Description
Ross Formation (lower Tertiary – mainly Eocene)	Undivided, mixed bimodal basalt and rhyolite.
Road River Group (Ordovician to lower Devonian)	Black shale and chert overlain by orange siltstone or buff, platy limestone.
Rabbitkettle Formation (Upper Cambrian and Ordovician)	Thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite, limestone breccia and conglomerate, laminated grey siltstone, chert, slate and local mafic flows, breccia and tuff.
Hyland Group (Upper Proterozoic to Lower Cambrian)	Thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, quartz pebble conglomerate, argillaceous limestone, phyllite, psammite and minor marble.

The claims lie north of the Tintina Fault, a large transcurrent Late Cretaceous to Tertiary fault system that caused at least 450 km of displacement. During the Eocene volcanism and sedimentation deposited sequences of basalt, rhyolite, felsic tuff and conglomerate in the Tintina depression. Late Tertiary uplift and faulting preserved Eocene volcanoclastic rocks in structurally complex grabens. Epithermal style gold and silver mineralization occurs at fault intersections in these grabens.

South of the Selwyn Basin the Yukon Tanana terrane is the focus of exploration for volcanogenic massive sulfide deposits. The increase in general interest in the region has led to a re-evaluation of prospects in the Selwyn Basin in particular mineralization occurring in association with Cretaceous intrusions and volcanic rocks. Metasedimentary units in the Dragon Lake area strike 120° and dip 45-65° northeast. The most recent geological map of the area was compiled by Templeman-Kiuit as Map 12-1961.



OLA:TSX-V

EPL:TSX-V

OLYMPIC
RESOURCES



Eagle Plains
Resources Ltd.

Figure 3b - Regional Geology Legend

Geology after Gordey and Makepeace, 2003.

Date - 9/11/2011
Drawn By - MAM

QUATERNARY

Q: QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

LOWER TERTIARY, MOSTLY(?) EOCENE

ITR1: ROSS: locally amygdaloidal, dark grey-green olivine basalt necks and flows; subaerial and subaqueous (locally pillowed); volcanoclastic rocks; minor olivine gabbro; locally plagioclase-phyric basalt and diabase dykes; minor shale and conglomerate

ITR2: ROSS: rhyolite flows, tuffs, ash-flow tuffs and breccias, locally laminated; small stocks and necks of white weathering, flow-banded, quartz-sanidine porphyry to granite porphyry, locally obsidian bearing; local shale, sandstone and conglomerate

MID-CRETACEOUS

mKgS: SELWYN SUITE: resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspar) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite (Selwyn Suite)

KSF: SOUTH FORK: dark brown weathering, locally columnar jointed, massive, densely welded, biotite-quartz-hornblende-feldspar crystal tuff (South Fork Volcanics)

LOWER CRETACEOUS

KS6: SHARP MOUNTAIN: dark grey weathering massive to poorly bedded chert sandstone and chert pebble conglomerate; fluvial(?) (Big Timber)

DEVONIAN AND MISSISSIPPIAN

DME1: EARN: thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone (Earn Gp., Portrait Lake and Prevost)

ORDOVICIAN TO LOWER DEVONIAN

ODR: ROAD RIVER - SELWYN: black shale and chert (1) overlain by orange siltstone (2) or buff platy limestone (3); locally contains beds as old as Middle Cambrian (4); correlations with basinal strata in Richardson Mountains include: ODR1 with CDR2 (upper part) and ODR2 with CDR4 (Road River Gp.)

UPPER CAMBRIAN AND ORDOVICIAN

COR1: RABBITKETTLE: thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff (Rabbitkettle)

UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCH1: HYLAND: thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble (Hyland Gp., Yusezyu)

PCH2: HYLAND: grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble; may locally include carbonate members within (1) or (4) (Hyland Gp., Algae Lake , limestone member of Yusezyu)

Legend	Thrust Overturned	Yukon Folds	Yukon Contacts
Yukon Faults		Type, Orientation, Control	Type, Control
Dextral			
Defined	Defined	Anticline, Overturned, Inferred	Assumed
Approximate	Approximate	Anticline, Inferred	Observed
Assumed	Assumed	Monocline, Inferred	Inferred
Extrapolated	Extrapolated	Syncline, Overturned, Inferred	
Sinistral	Thrust Upright	Syncline, Inferred	
Defined	Defined	Anticline, Overturned, Assumed	
Approximate	Approximate	Anticline, Assumed	
Assumed	Assumed	Syncline, Overturned, Assumed	
Extrapolated	Extrapolated	Syncline, Assumed	
Normal/Reverse	Movement Undefined	Anticline, Overturned, Observed	
Defined	Defined	Anticline, Observed	
Approximate	Approximate	Monocline, Observed	
Assumed	Assumed	Syncline, Overturned, Observed	
Extrapolated	Extrapolated	Syncline, Observed	

Property Geology

The rocks exposed on the Dragon Lake claims are Hyland Group clastic and metasedimentary rocks of the Selwyn Basin overlain and intruded by volcanic flows and dykes of undetermined age. These rocks are intruded by a medium- to coarse-grained, equigranular to locally porphyritic biotite monzonite that is believed to be of the Cretaceous age Selwyn Plutonic Suite.

The Hyland Group sediments consist of coarse clastic units, ranging from quartz-pebble conglomerate to fine sandstone and siltstone separated by less extensive beds of limestone, dark grey limestone and silty limestone. The sediments are variably metamorphosed to graphitic and calcareous phyllite, chert, calc-silicate rock, skarn, marble and quartzite. Small cliffs of quartzite along the creek gullies are highly fractured with hematite and pyrrhotite in the fractures. The units generally strike 120° and dip 45-65° northeast. Actinolite skarn occurrences extend along many of the limestone beds. Calc-silicate and skarn units host sulphide (predominantly pyrrhotite) mineralization with auriferous concentration along NNW structures.

Figure 4 shows the property geology and the following units were identified;

Syenite to monzonite (Kgu): fine to medium-grained body of biotite plagioclase syenite, outcrops at the northwest end of the claims.

Quartzite (PCH1a): typically bedded light grey and white, glassy, fine to medium grained quartzite, locally gritty and recrystallized, contains sericite, minor pyrite and pyrrhotite on fracture faces. Prominent white cliffs of quartzite are fractured containing rusty weathering pyrrhotite and hematite on fractures. A few white quartz veins contain galena, arsenopyrite and stibnite.

Phyllite and chert (PCH1b): fine grained light to dark gray siliceous calcareous bedded sediments with disseminated to patchy pyrite and pyrrhotite, graphitic fracture faces, locally brecciated with minor white quartz and carbonate veining, weak to heavy limonite staining.

Limestone and marble (PCH1c): bedded grey-white, locally silicified containing minor cubic pyrite. Some diopside-magnetite-sulfide skarn development in limy units. Calc-silicate, skarn rock (Id): black fine-grained metasediment with banded and disseminated pyrrhotite, rusty red weathering, forms gossans in creek gullies.

Calc-silicate and skarn (PCH1d): diopside skarn and hornfels-black rusty weathering horizons, banded to disseminated pyrrhotite.

Mineralization

Three styles of mineralization have been observed on the property (Casselman, 2006):

1. chalcopyrite, minor scheelite and gold in pyrrhotite-pyroxene skarn .
2. quartz-pyrite-sericite-stibnite -/+ scheelite veins in kaolinized intrusive rocks.
3. arsenopyrite-quartz veins within sericitized gritty quartzites.

The skarn-type mineralization occurs in small pods and fracture fillings in altered sedimentary rocks, generally proximal to intrusive rocks. The mineralization consists of pyrrhotite-rich sulphides (up to 15% po) with minor chalcopyrite and scheelite with variable concentrations of gold up to 3

grams/tonne. Rare blebs of arsenopyrite have also been observed with the pyrrhotite-chalcopyrite.

Quartz-stibnite veins up to 2.5 cm wide have been observed in the intrusive rocks. These generally contain low gold concentrations. Quartz-arsenopyrite veins have been observed in altered meta-sedimentary rocks containing generally higher concentrations of gold, up to 12.7 gm/tonne.

According to Davidson (1999), silicified calc-silicate horizons host disseminated to banded semi-massive pyrrhotite mineralization. The sulfide mineral content of the gold bearing samples average 57%. The Main Zone is three exposures of limonitic calc-silicate rock around a quartzite unit. The longest exposure at pit T-9 is a rusty weathering zone of mineralization that assayed an average of 1208 ppb gold over 15.3 meters in a series of six chip samples taken in 1997. The Creek showing is a 3.5 meter thick calc-silicate horizon containing massive pyrrhotite bands that outcrops in an open cut (T-11) on the east side of the creek gully. The mineralization is locally well-layered, but typically is disseminated and fine-grained.

Two pits expose mineralization, the upper pit was sampled by Davidson (1997) in a 3 meter chip sample that assayed 1106 ppb gold. About 150 m west of the T-11 showing, pit T-12 uncovers banded pyrrhotite in a limey phyllite layer underlain by limestone. A 1997 chip sample assayed 1569 ppb gold over 3 meters. The main zone, T-9, T- 11, T- 12, and T- 13 were suggested as drill targets in the 1997 report or by C. Shulze.

2011 EXPLORATION PROGRAM

The 2011 work program consisted of a diamond drill program and selective sampling of bedrock material from a soil geochemical anomalous zone identified in 2010. Exploration activities occurred from June 18th, 2011 to July 15st, 2011. A total of 27 days were spent drilling from three drill pads, including mob, camp construction, and demob (Figure 4). A total of 607.61 meters of NQ core was drilled from six holes (Table 3). A total of one day was spent collecting geochemical rock samples from an anomaly defined during the 2010 exploration program (Figure 5). Crews were based in a 20 person exploration camp on the southern shore of Dragon Lake. A Class 3 permit has been issued for exploration activities on the Dragon Lake Property. The permit was issued on September 9th, 2011 by the Director of Mineral Resources. The Dragon Lake Permit is issued under project # 2011-0097.

All exploration activities on the property were facilitated using a Bell L3 helicopter chartered from Fireweed Helicopters.

Drill core was flown to the Dragon Lake camp every day after cross-shift where it was stored, cataloged, and sampled. All drill core has been permanently stored on the property, at the camp site (UTM 370897 N 6944163). A total of 549 drill core samples and 4 rock samples were collected and sent for analysis to Stewart Group Laboratories in Whitehorse, YT for multi-element (AR/ICP-AES) and Au (FA/AA Finish) analysis. The samples were then transferred to ALS Laboratories for analysis after they purchased Stewart Group Laboratories. Refer to Appendix III for a detailed description of geochemical sampling protocol and analytical techniques.

The goal of the program was to drill test historical trenches in an attempt to delineate the extent and tenor of precious metal mineralization.

The Dragon Lake Property was visited on August 26th, 2011 by Carl Schulze, B.Sc. P.Geo of All-Terrane Mineral Exploration Services as an independent Qualified Person, to satisfy due diligence requirements (Schulze 2011).

Total expenditures for the 2011 program were \$ 450,224.07.

2011 EXPLORATION RESULTS

Rock Sampling

A total of one day was spent collecting reconnaissance rock samples on the Dragon Lake Property to follow up a soil anomaly identified in 2010 (DRL021 06+00W) which yielded 454 ppb Au. A test pit was dug on top of the approximate location of the sample. Rubble crop recovered from the base of the test pit was sampled (ERDRR002, ERDRR003), and mapped. The test pit revealed that the anomaly lies on top of a new occurrence of skarn replacement style mineralization. The mineralization observed at this locale is visually and texturally similar to the style observed at the main skarn zone. Refer to Appendix VI for a detailed sample description. Although the hand specimen sample yielded lower Au values than the soil anomaly, it is very likely that the skarn pod is the source of the Au anomaly. Sample ERDRR003 returned 140 ppb Au. No other significant values were discovered. The sample locations for ERDRR001, and ERDRR004 were lost in the field, along with the coordinates for 6 of 7 geologic stations taken on the one day property traverse.

Diamond Drilling

Interpretation of geochemical analysis indicates that widespread anomalous gold is present on the Dragon Lake Property. Gold values are associated with disseminated pyrite-pyrrhotite+/-chalcopyrite+/-magnetite skarn hosted mineralization, and quartz-arsenopyrite-pyrite stockwork veining. Diamond drill hole summaries are provided below to highlight geological features observed. Please refer to Figures 6 – 9 for detailed drill hole sections, and Appendix IV for detailed drill logs and strip logs. Table 4 highlights gold-silver intercepts from the 2011 drilling program.

Table 3– 2011 Dragon Lake drill holes

Hole Number	Pad Number	Length (m)	Azimuth (Deg)	Dip (Deg)	UTM Easting	UTM Northing
DR11001	DRPADA	118.87	315	-45	370102	6943930
DR11002	DRPADA	53.64	315	-60	370102	6943930
DR11003	DRPADA	64.08	315	-90	370102	6943930
DR11004	DRPADB	155.51	315	-47	370160	6944000
DR11005	DRPADB	115.51	275	-45	370160	6944000
DR11006	DRPADC	100.00	155	-45	369945	6944186

Table 4 – Significant Intersections from the 2011 Diamond Drill Program

Hole Number	From(m)	To(m)	Interval Length (m)	Au g/t	Ag ppm
DR11001	22.45	27.27	4.82	0.68	0.3
including	26.20	27.27	1.07	1.55	0.5
also including	26.20	26.45	0.25	5.70	1.4
also including	27.15	27.27	0.12	1.52	0.3
DR11003	13.00	17.00	4.00	0.46	1.1
including	13.00	15.00	2.00	0.65	0.3
DR11004	60.00	71.54	11.54	0.56	0.7
including	65.00	68.00	3.00	1.57	1.2
DR11004	79.00	80.00	1.00	1.26	1.2
DR11004	93.85	94.90	1.05	0.96	2.1
DR11005	21.55	22.00	0.45	2.18	0.5
DR11005	47.91	49.13	1.22	1.75	1.2
including	47.91	48.50	0.59	3.24	1.6
DR11005	78.00	79.00	1.00	1.59	0.2
DR11005	91.13	91.34	0.21	1.73	1.0
DR11006	21.70	22.36	0.66	0.19	90.2

Drill Hole Summaries**DRPADA – DR11001 DR11002 DR11003 (Figure 6)**

DRPADA was designed to test the chip sample obtained during the 2010 exploration program which assayed 6.0 meters at 4.7 g/t Au. The chip sample was obtained from a highly oxidized, mineralized skarn. *“Holes DR11-001 through 003 consisted of a “fan” from a single site targeting a pod of strongly limonitic phyllite-hosted skarn from which historic sampling returned values to 4.7 g/t old across 6.0 m, including a sample grading 19 g/t gold from limonitic near-gouge material. Inspection of the showing revealed that the dominant structure is oriented at 340° – 75°, with a second structure oriented at 075° – 80°. Hole DR11-003, a vertical hole, intersected strongly developed skarn mineralization, including semi-massive pyrrhotite with chalcopyrite at a shallow depth. A mylonitic horizon was encountered at a depth of 33.6m.” (Schulze 2011).*

DR11001 Azimuth 315° Inclination – 45° EOH – 118.90 meters

The hole was collared in quartzite with a calcareous matrix. The unit has been silicified and weakly altered by calc-silicate minerals. Below the quartzite beds there is an abrupt transition to skarn altered limestone. Pyroxene + pyrrhotite + pyrite +/- chalcopyrite are the principal skarn assemblage. The sulphide minerals are disseminated throughout the pyroxene groundmass, with the exception of one massive band of pyrrhotite at the base of the interval. Below the skarn a series of quartz eye porphyry sills have intruded the Hyland group sediments. Sediments bound by the porphyritic sills are variably altered, observed as patchy, incomplete, mottled skarn. Silicification, sericitization and kaolinite alteration is observed within the porphyritic sills. Below the porphyritic sills a thick sequence of interbedded calc-silicate/hornfelsed fine grained sediments occur. Quartz +/- carbonate +/- pyrite +/- arsenopyrite veining occur through the interval. The veins can range in density from 1-10/meter, and range in thickness from 1.0 – 10.0 cm. Sulphide mineralization is generally restricted to the veins and ranges in concentration from trace – 5 %. A well developed tectonic breccia occurs below the skarn zone, and is likely manifested on surface as the creek west of DRPADA. The tectonic breccia displays brittle fracturing and cm-dm scale folding. Brecciation and clay altered gouge are common. The framework clasts within the breccia are sourced from the adjacent carbonaceous rocks, they are variably altered by silica and sericite.

DR11002 Azimuth 315° Inclination – 60° EOH – 53.64 meters

The stratigraphic correlation between DR11001 and DR11002 works quite well, however differences in alteration and mineralization did occur. The main skarn altered bed at the top of the hole was not mineralized to the same degree in DR11001. The skarn alteration mottles the interval, reflecting variations in composition of the protolith. Skarn alteration is characterized by coarse grained amphiboles and scattered garnets. Interclated biotite hornfels is prevalent in the main skarn. Disseminated pyrrhotite and pyrite occur locally to 10%, but no massive sulphide banding was observed as in DR11001. A second distinct zone of mineralization occurs at the upper contact of the porphyry sills. Pyrite +/- pyrrhotite mineralization within the quartz eye porphyry occurs in quartz +/- carbonate veinlets, and as blebby disseminations.

DR11003 Azimuth 0° Inclination – 90° EOH – 64.08 meters

The hole collared in the skarn observed in DR11001 and DR11002. Coarse grained pyroxene-garnet comprises 20-30 % of the skarn, with fine grained equivalents infilling the remainder of the matrix. 1 –

10 % disseminated pyrrhotite and pyrite occur within the skarn. The overall thickness of the skarn remains consistent through the three holes, however the degree of alteration and mineralization is highly variable. Below the skarn altered zone the tectonic breccia occurs as described in DR11001. A wedge of calc-silicate altered sediment has been thrust on top of the quartz eye porphyry. This was not observed in below the breccia in DR11001 and DR11002. The tectonic breccia appears to be an easterly dipping structure that forms a zone of brittle deformation 1-3 meters wide. Contacts of the breccia are sharp, and are comprised of fine clay gouge and angular framework clasts derived locally from the lithologies observed adjacent to the structure. Pyrite+/-Arsenopyrite does occur within the breccia as fine grained veinlets and disseminated clots. Below the breccia the hole was comprised of fine to coarse grained siliclastic rocks of the Hyland group which have been intruded by porphyritic sills likely associated with the tombstone suite quartz biotite monzonite intrusive stock which outcrops west of DRPADA.

DRPADB – DR11004 DR11005 (Figures 7 & 8)

DRPADB was designed to target the “Main Zone” Skarn. Historic chip sampling in Trench “T-09” produced results of 1.2g/t Au over 15.3 meters. *“Mineralized portions of the skarn contain from 1 – 30% pyrrhotite, with 0.1 to 0.5% chalcopyrite. A small mineralized shear zone is oriented at 060° – 70°. Drilling returned an intersection consisting of increasing pyrrhotite and chalcopyrite content with depth, terminated by a sharp mylonitized break at 96.26 m. The mylonitic break indicates fault-controlled displacement, possibly correlative with a similar break in Hole DL11-003. The drill hole also intersected patches of garnet skarn, indicating prograde skarn development, overprinted by retrograde calc-silicate mineral development.” (Schulze 2011).*

DR11004 Azimuth 315° Inclination – 47° EOH – 155.51 meters

The hole collared in siliclastics of the Hyland group, a weakly calcareous matrix yielding patchy skarn alteration. 1-3 mm bands of pyrrhotite+/-pyrite+/-chalcopyrite are scattered through the sediments. Below the siliclastics the rock transitions into pyroxene+/-garnet Skarn which has undergone retrograde alteration observed as fracture fill chlorite and epidote. The skarn is dark to light green in color. The retrograde skarn minerals are observed as pseudomorphs of garnet, which replace outer crystal grain boundaries. Pyrrhotite+/-pyrite+/-magnetite+/-chalcopyrite occur as veinlets and fine grained disseminations within the skarn, and are often coupled with moderate to intense silicification. Skarn replacement and mineralization has the greatest intensity where significant shearing and fracturing of the rock is present. Magnetite is associated with massive sulphide banding (1-5 mm veinlets), and to a lesser extent disseminated within the skarn matrix. Quartz-carbonate veining is common throughout fracture zones with vein densities ranging from 1-20/meter. The veins display drusy, vuggy textures with 0.1 – 1.0 % very fine grained arsenopyrite+/-pyrite mineralization occurring within the veining. Below the skarn altered beds the lithology is dominated by coarse grained siliclastics of the Hyland group. Veining occurs in both the skarn and siliclastic lithologies. The contact between the skarn and siliclastics is marked by a zone of tectonic brecciation similar to that observed at DRPADA.

DR11005 Azimuth 275° Inclination – 45° EOH – 115.51 meters

The hole collared in interbedded calc-silicate and coarse grained siliclastics of the Hyland group. The siliclastic rocks are bleached and strongly silicified. Patchy chlorite alteration of the matrix occurs. The calc-silicate beds are strongly altered, which is the result of intense fracturing and fluid migration through the unit. Skarn replacement occurs within the fractures and is commonly observed as

pyroxene-garnet overprinted by later chlorite and epidote. The replacement is patchy, and generally not as developed in DR11004, which is a function of the variation in host lithologies. Intense silicification is associated with the skarn alteration. Below this interval (~ 50 meters) the hole intersected fine-coarse grained, interbedded siliclastics of the Hyland Group. Quartz-Carbonate veining is present below the skarn altered zone, and contain Trace – 1.0 % fine grained pyrite+/-arsenopyrite mineralization. A shear zone occurs just below 100 meters, and is thought to correlate with the tectonic breccia observed at DRPADA. Trace disseminated pyrite, and thin graphitic ribbons were observed within the shear zone.

DRPADC – DR11006 (Figure 9)

DRPADC was designed to determine the source of gold mineralization discovered in a 2010 test pit “P-005” which returned an assay value of 2.25 g/t Au. *“The hole returned a 3.9-metre intercept of skarn-style mineralization from 17.0 to 20.9m. Mineralization consists of banded to massive pyrrhotite with minor chalcopyrite, within an alteration setting similar to that of DDH DR11003 and DR11004.”* (Schulze 2011).

DR11006 Azimuth 155° Inclination – 45° EOH – 100.00 meters

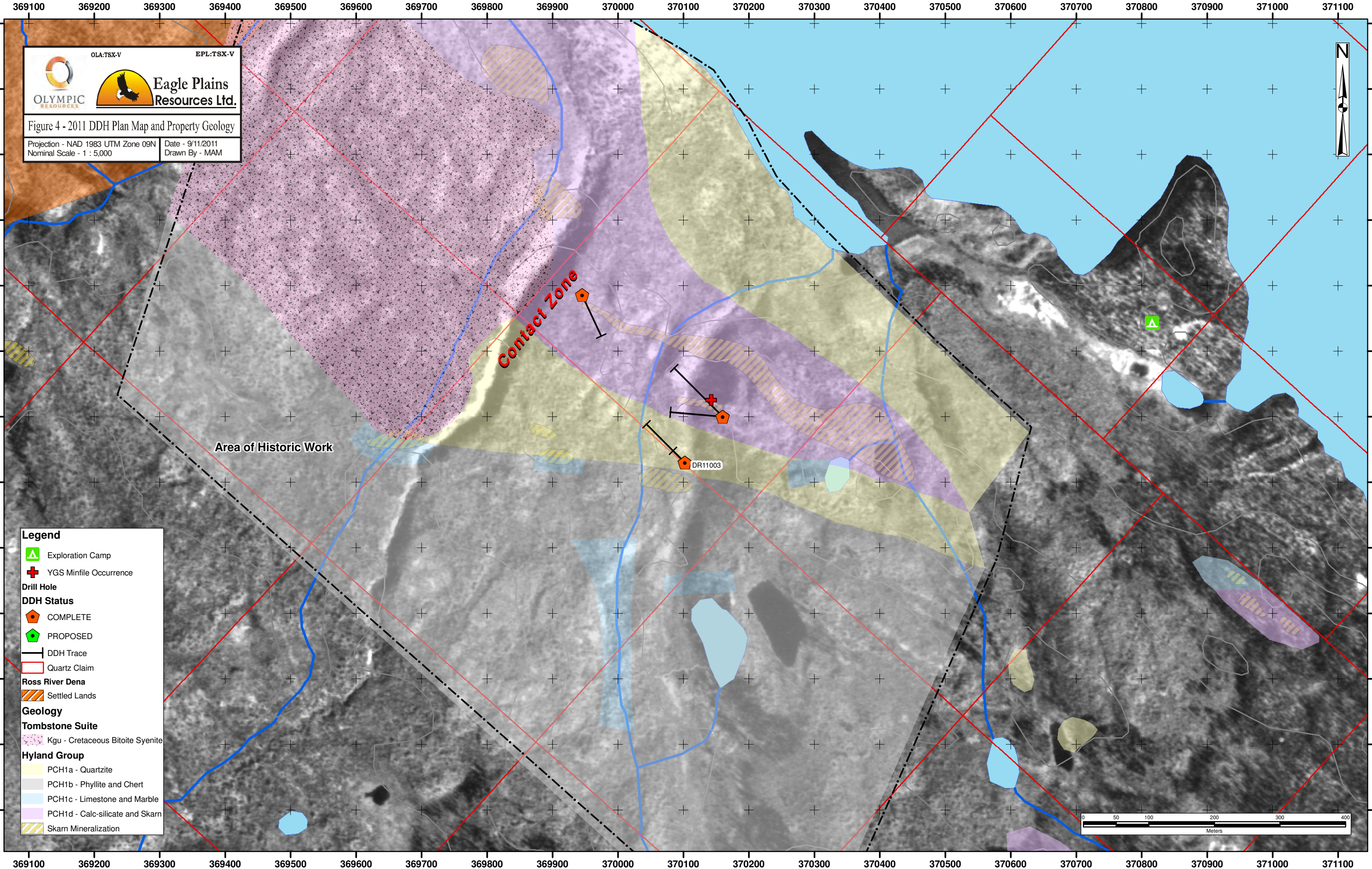
The hole collared in fine grained siliclastics and calc-silicate of the Hyland Group. One 1.3 meter quartz vein was intercepted within the unit which hosted 0.5 % pyrite+/-pyrrhotite+/-chalcopyrite as fine grained disseminations scattered throughout. A sharp transition occurred to skarn replacement which hosted semi-massive to massive pyrrhotite+/-chalcopyrite banding parallel to foliation. The skarn altered interval has undergone significant shearing and brecciation. Altered quartz pebble conglomerate bounds the lower contact of the skarn. Irregular blebs of pyrrhotite occur throughout the conglomerate, as well as widely scattered quartz veins. Unaltered quartz biotite monzonite, which is interpreted to represent the tombstone suite stock mapped west of “Contact Creek” is found underneath the coarse grained and minor fine-coarse grained siliclastics of the Hyland Group. Narrow sills/dikes of the Tombstone Suite biotite quartz monzonite occur to the end of the hole.

Discussion on Drilling Program (Provided by Carl Schulze, 2011)

The mineralized showings identified to date on the Dragon Lake Property should be treated as gold +/- silver prospects, as the copper contents are likely too low to be economically significant. Mineralized zones are typical of intrusion-related showings within calcareous rocks, and specifically typical of mid-late Cretaceous-aged Tombstone Intrusive Suite-related prospects. The intrusion-related setting is further supported by the presence of the stock encountered in Hole DL11-006. Structural preparation has occurred throughout the area, shown as abundant small shear zones forming conduits for fluid movement and subsequent mineral emplacement. Drilling of similar pods during a previous program returned short intervals of skarn mineralization returning values of 1.0 – 2.0 gpt gold. The skarn zones are discontinuous and have limited potential to host a continuous economically viable deposit. However, somewhat more continuous skarn-style mineralization has been interpreted to extend slightly south of the south shore of Dragon Lake.

The sharp mylonitic basal contacts indicate fault movement of undetermined orientation, although these are likely to be fairly flat-lying. This is late faulting, post-dating fluid movement emanating from the late Cretaceous Tombstone Suite stock. This indicates late tectonic activity, possibly related to the Tintina Fault Zone to the south, but also indicate that the rather small pods may be further reduced in size by faulting, truncating the mineralized zones.

The presence of the north-south trending skarn zone crossing the western stream (viewed in 2011 from the air only) suggests a different model for mineral emplacement. The skarn is likely structurally controlled, oriented somewhat oblique to the property-scale stream orientations. If the north-south structure can be determined to belong to a property-wide lineation, this could provide north-south trending conduits for metal-bearing fluid movement. The fluids may have been absorbed by the reactive, calcareous horizons, travelling from the north-south structures along permeable corridors paralleling the Riddell Fault. This may have resulted in development of pod-style skarn zones having a west-northwest orientation. Future exploration programs are recommended to explore this setting model, as it has greater potential to result in economically viable deposits.





OLA:TSX-V



EPL:TSX-V

Figure 4 - 2011 DDH Plan Map and Property Geology

Projection - NAD 1983 UTM Zone 09N
Nominal Scale - 1 : 5,000

Date - 9/11/2011
Drawn By - MAM

Legend

 Exploration Camp

 YGS Minfile Occurrence

Drill Hole

 COMPLETE

 PROPOSED

 DDH Trace

 Quartz Claim

Ross River Dena

 Settled Lands

Geology

Tombstone Suite

 Kgu - Cretaceous Bitoite Syenite

Hyland Group

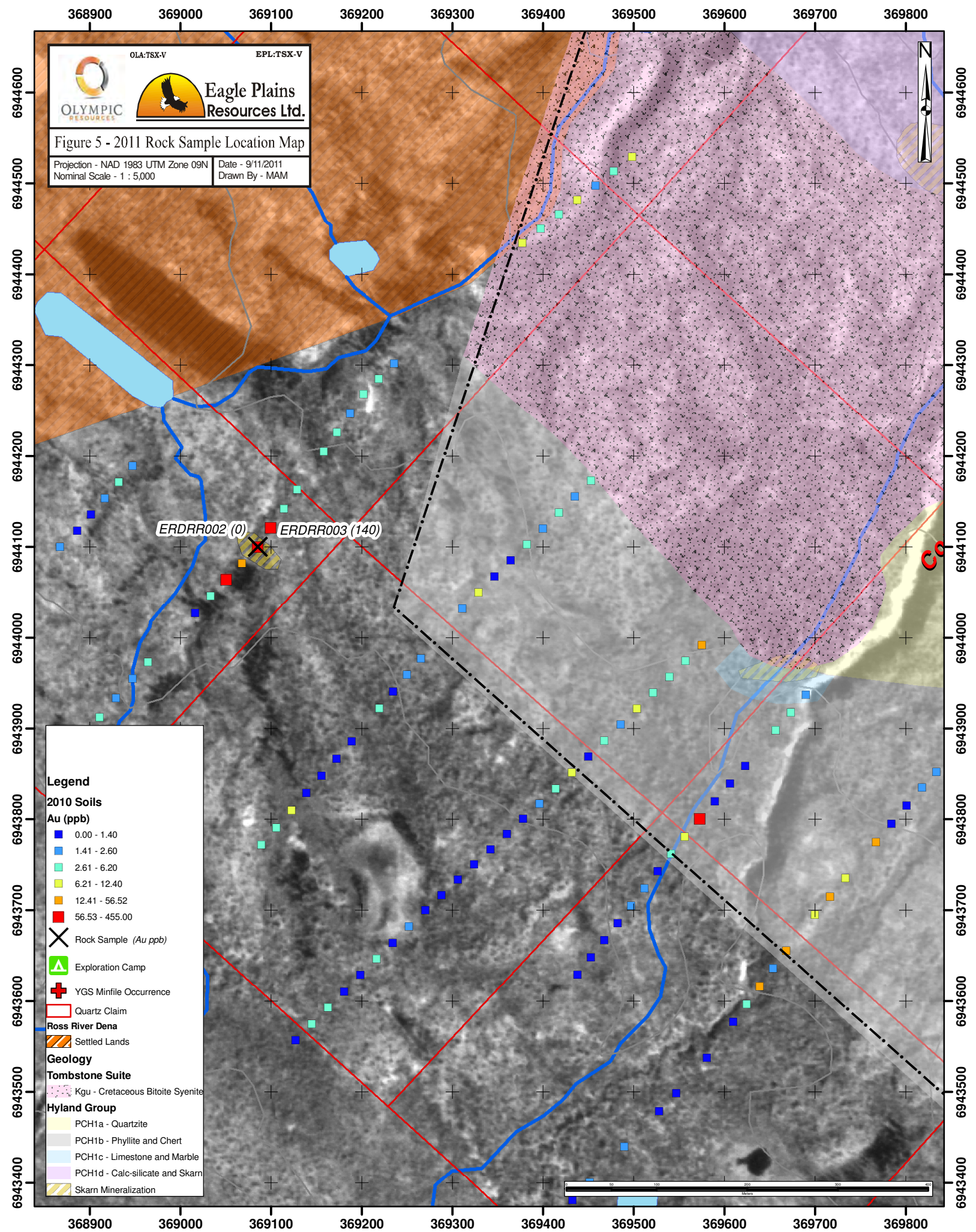
 PCH1a - Quartzite

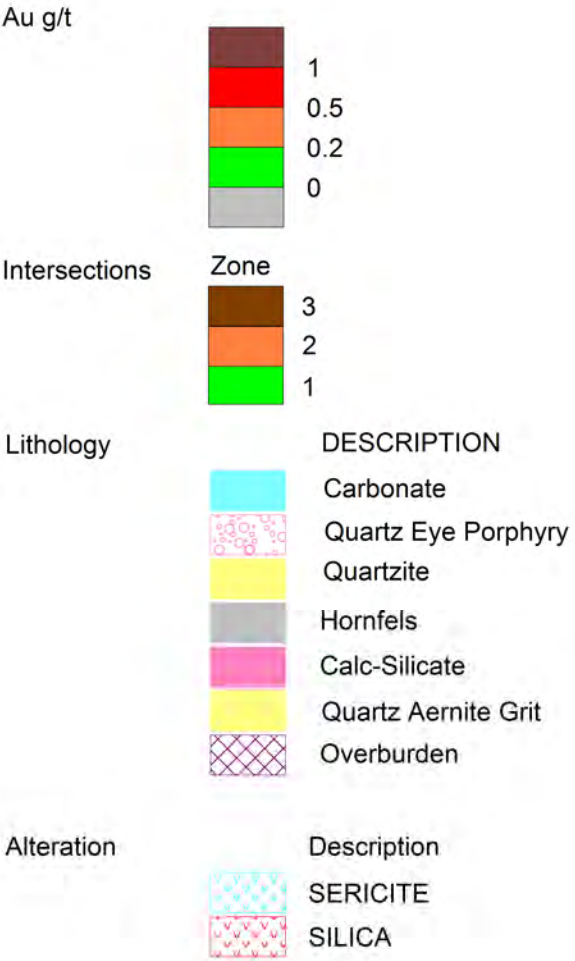
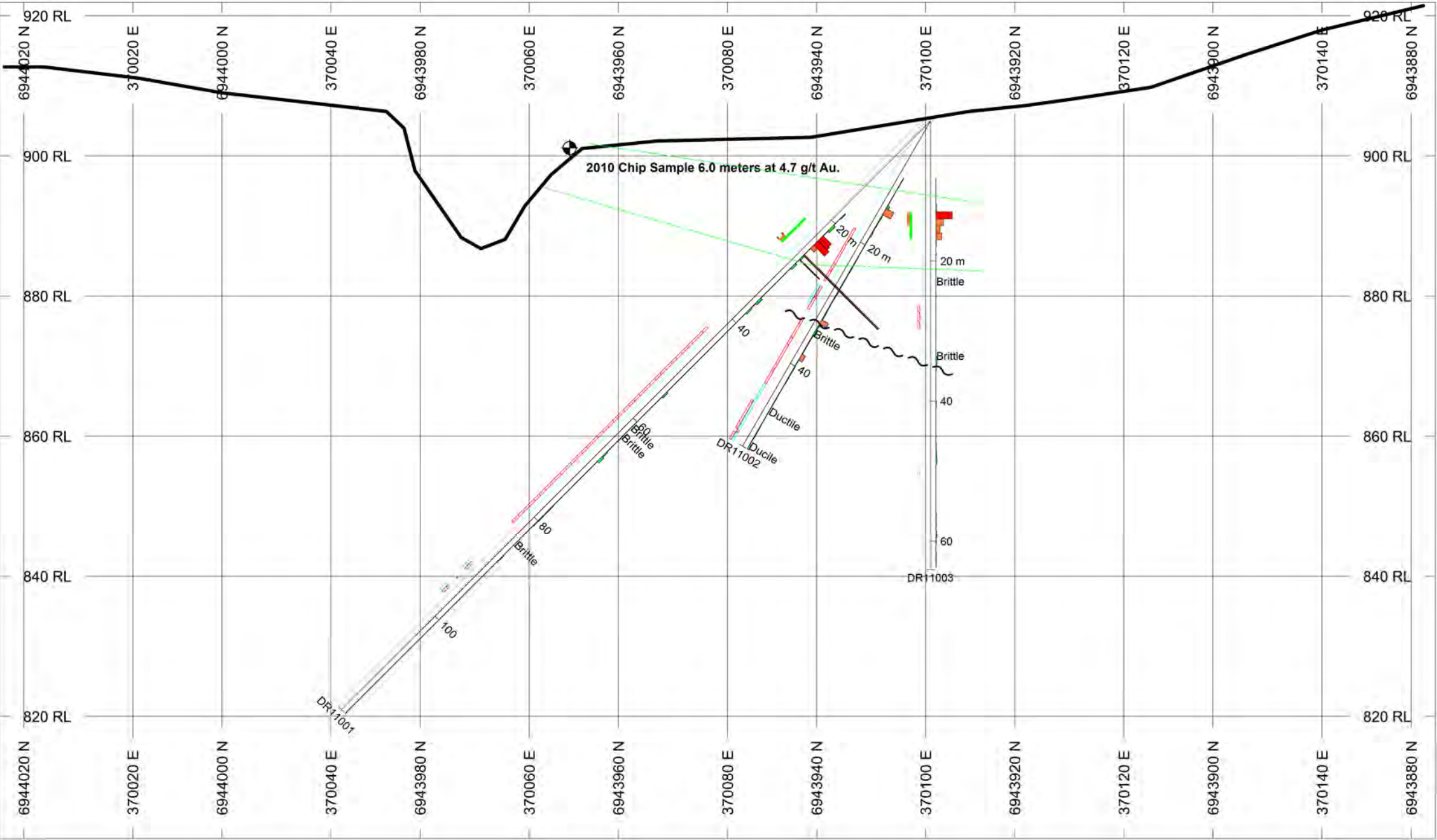
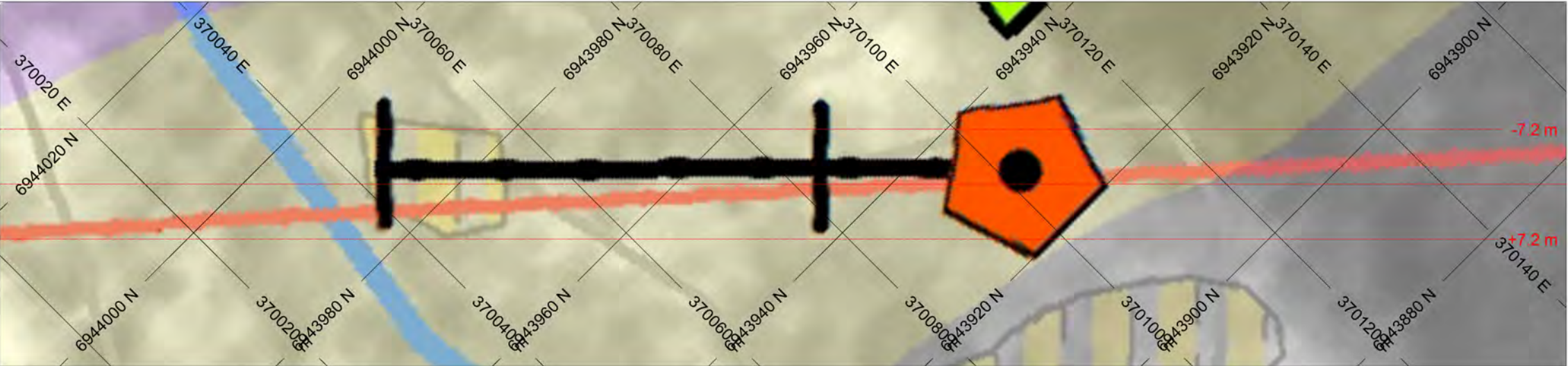
 PCH1b - Phyllite and Chert

 PCH1c - Limestone and Marble

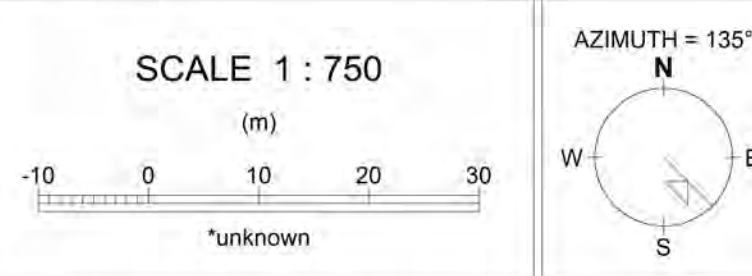
 PCH1d - Calc-silicate and Skarn

 Skarn Mineralization

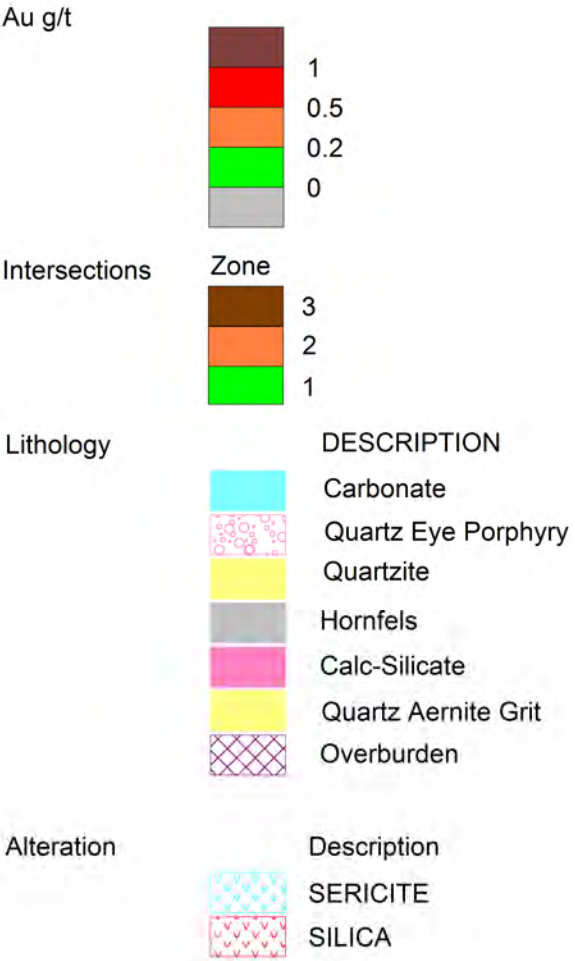
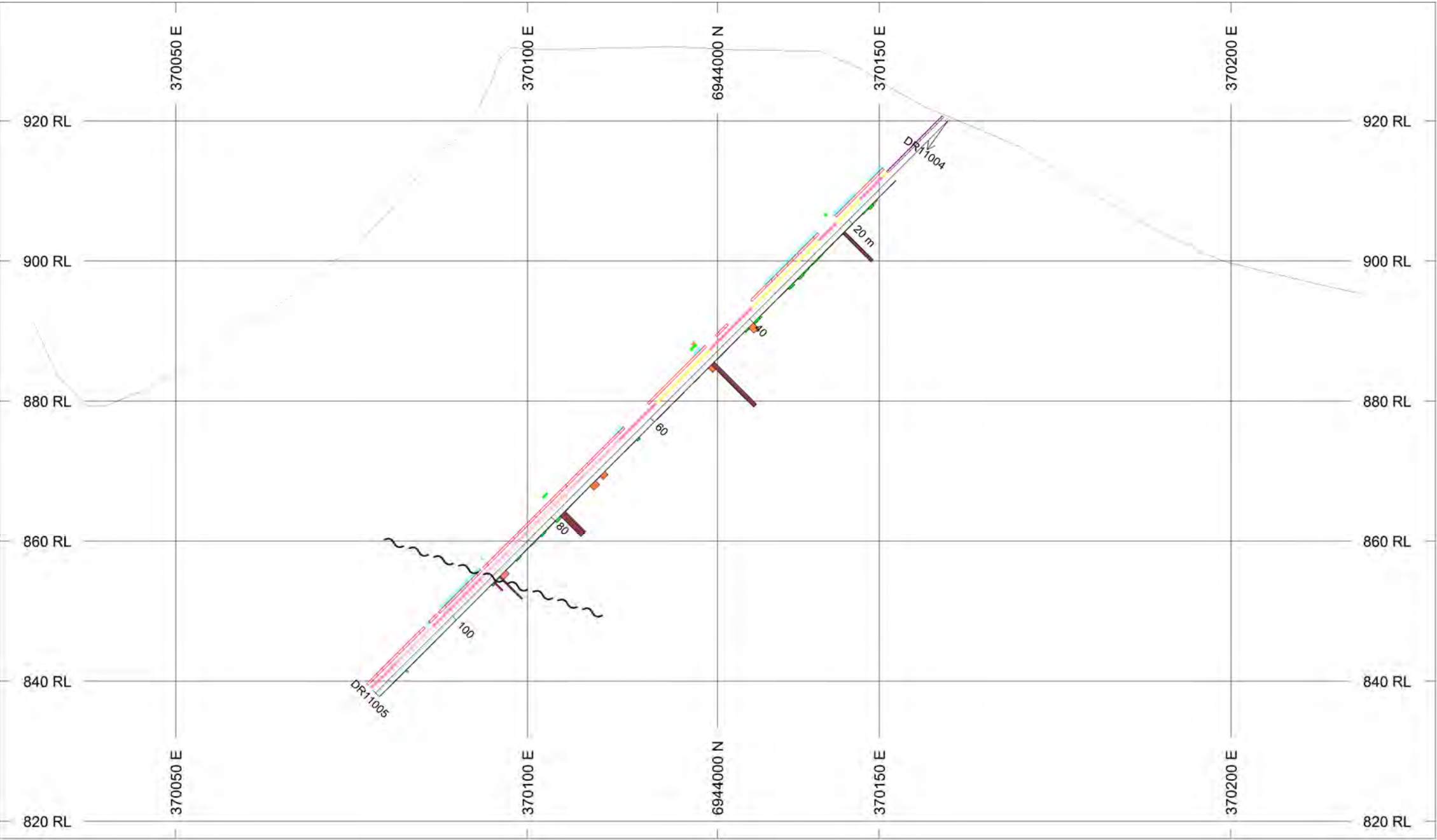
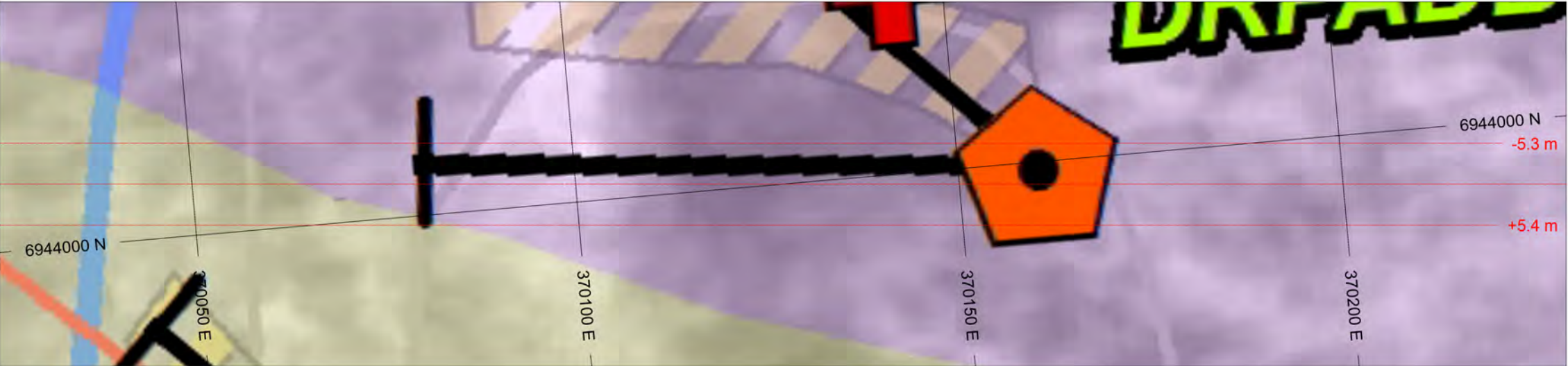




SECTION SPECS:
REF. PT. E, N 370079 m 6943950 m
EXTENTS 204.9 m 119.4 m
SECTION TOP, BOT 921.9 m 802.5 m
TOLERANCE +/- 7.2 m

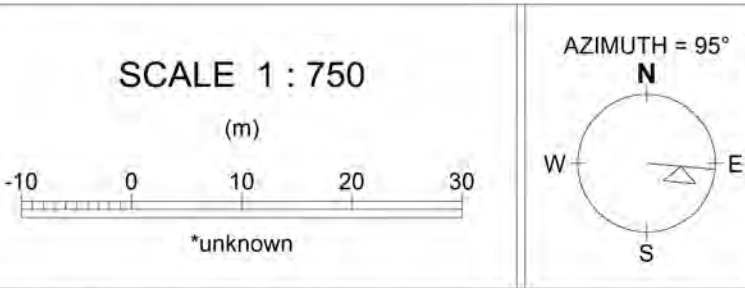


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Dragon Lake
Figure 6 - Section A
DR11001 DR11002 DR11003



SECTION SPECS:

REF. PT. E, N	370127 m	6944000 m
EXTENTS	204.9 m	119.4 m
SECTION TOP, BOT	936.9 m	817.5 m
TOLERANCE +/-	5.35 m	



Olympic Resources Ltd.

Dragon Lake

Figure 8 - Section C

DR11005

CONCLUSIONS

The Dragon Lake Property has been systematically evaluated for its precious metal potential for the past sixty-six years. Exploration efforts have primarily focused on delineating the extent of “skarn replacement style” Cu $\pm$ -Au $\pm$ -Ag occurrences that form part of a broad alteration zone on the southern shore of Dragon Lake. These occurrences appear to be related to the emplacement of a Cretaceous “Tombstone Suite” intrusion, located immediately west of “Contact Creek” on the Dragon Lake Claim Group. The aerial extent of alteration and mineralization discovered on the property to date suggests that the system responsible for mineralization was active over an area at least one kilometer in strike length. Two phases of diamond drilling have indicated that the “skarn replacement” mineralization tested to date is sub-economic. However the presence of such a broad zone of alteration, soil geochemical anomalies, and known mineralization across the property warrants further investigation. Very little advanced exploration has been done to date to investigate the potential for other styles of intrusion related gold mineralization.

Conclusions from the 2011 program include the following:

- Rock sampling identified a new skarn style mineral occurrence, which is overlain by a strong gold in soil anomaly as identified in 2010 (DRL021 06+00W 454 ppb Au). Rock sample ERDRR003 returned a value of 140 ppb Au from this occurrence.
- Diamond drilling confirmed the presence of gold $\pm$ -silver mineralization within skarn and narrow (< 30.0 cm) quartz veins.
- Gold $\pm$ -Silver mineralization is highly variable in concentration and distribution within skarn replacement.
- Drilling to intercept mineralized structures (0° - 60°) within the skarn altered beds did not significantly improve precious metal grades.
- Faulting of skarn altered lithologies off-sets mineralized zones, creating discontinuous “skarn pods”. Offset of the mineralized zones may significantly impact the economic potential for this style of mineralization on the Dragon Lake Property.
- The extent of known precious metal mineralization, and anomalous soil geochemistry forms a zone measuring approximately 1.3 km in length and 0.35 km in width.

RECOMMENDATIONS

Based on historical and 2011 work, it is of the opinion of the author that rigorous geological groundwork be undertaken on the property. These efforts would be used to generate targets that focus on the potential for intrusion and vein hosted gold $\pm$ -silver mineralization. Although results from the 2011 exploration program were not overly encouraging, future work on the property is warranted.

Recommendations for future work on the property are:

- Detailed property scale mapping, with an emphasis on structural geology to determine if the north-south lineations observed on a property scale act as conduits for precious metal mineralization.

- Detailed property scale mapping and prospecting to “ground truth” geochemical and geophysical anomalies delineated during the 2010 program.
- Trenching, bedrock mapping and sampling of the new skarn zone identified by soils in 2010 and prospecting in 2011.
- Additional detailed soil sampling and prospecting to further define geochemical targets adjacent to, and within the intrusive stock located on the property.
- Sampling of the intrusive stock found on the property to define the age, and composition of the rock. This kind of specific testing will help to constrain the suite of rocks that it belongs to, in turn giving insight into the potential for it to host a large intrusion related gold deposit.
- Diamond drilling to test high priority targets generated from the geological studies outlined above.

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2011 Diamond Drilling and Geochemical Report

Volume II - Appendices

on the

Dragon Lake Property

Whitehorse Mining District

Mapsheets 105J/11 and 105J/12

Center of Work

Latitude 62° 36' N, Longitude 131°32' W

Prepared for:

Olympic Resources Ltd.

Suite 602-595 Howe Street

Vancouver, B.C. Canada

V6C 2T5

By

Mike McCuaig, B.Sc.

TerraLogic Exploration Services Inc.

Suite 200, 44 – 12th Avenue South

Cranbrook, BC, V1C 2R7

Date

November 15th, 2011

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Michael A. McCuaig, B. Sc. Do hereby certify that:

I am currently employed as a Geologist, with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, VIC 2R7.

I graduated with a Bachelor of Science Degree from St. Francis Xavier University in 2003.

I have worked as a geologist for five years since my graduation from university.

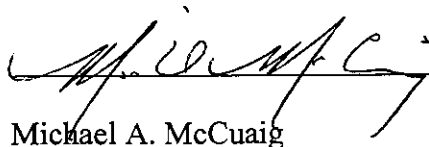
I supervised the 2011 diamond drilling program on the Dragon Lake property.

This report is supported by diamond drill data and samples collected during fieldwork on the Dragon Lake property in the Whitehorse Mining District, YK, NTS 105J11 and 105J12, during the period June 18th, 2011 to July 15th, 2011.

I have authored this assessment report titled "2011 Diamond Drilling and Geochemical Report on the Dragon Lake Property" and dated November 15th, 2011 to the exploration program conducted by Olympic Resources Ltd.

I am a full time employee with TerraLogic Exploration Inc. since June 1st, 2011 and currently hold no shares of Olympic Resources Ltd.

Dated this 15th day of November 2011, in Cranbrook, British Columbia.



Michael A. McCuaig

APPENDIX II

Statement of Expenditures

Dragon Lake 2011																Totals	
Diamond Drilling																	
Personnel / Position		Field Days		Days						Rate		Subtotal					
Charles Downie / VP Exploration		July 18th 2011		0.5						\$800.00		\$400.00					
Jesse Campbell / President		June 26th - June 29th, 2011		3.0						\$725.00		\$2,175.00					
Mike McCuaig / Geologist		June 26th - July 15th , 2011; Aug 26th, 2011		18.2						\$525.00		\$9,555.00					
Aaron Higgs / Geologist		June 26th, 2011		0.7						\$625.00		\$437.50					
Tim Dertinger / Geotech / Camp Maintenance		June 7th, June 18th - July 15th , 2011		24.8						\$375.00		\$9,303.75					
Andreas Unterberger / Geotech		June 7th, June 18th - July 15th , 2011		29.0						\$375.00		\$10,875.00					
Evan Redburn / Jr. Geologist		June 25th - July 15th , 2011		19.8						\$450.00		\$8,910.00					
Brad Robison / Camp Construction / OH & S Officer		June 7th, June 19th - June 25th , 2011		8.0						\$525.00		\$4,200.00					
Chris Gallagher / Chief Geotechnologist		July 6th to July 8th, 2011		1.2						\$725.00		\$884.50					
												\$46,740.75				\$46,740.75	
Office Studies		List Personnel										Subtotal					
Project Management		Mike McCuaig		13.3						\$525.00		\$6,961.50					
Project Planning		Fiona Katay		12.8						\$525.00		\$6,720.00					
Project Preparation		Grayson Clague		0.7						\$330.00		\$217.80					
Project Preparation		Tim Dertinger		15.0						\$330.00		\$4,959.90					
Project Preparation		Nathan Taylor		1.5						\$360.00		\$540.00					
Project Preparation		Andreas Unterberger		1.0						\$330.00		\$330.00					
Field Preparation		Andreas Unterberger		2.7						\$375.00		\$1,012.50					
GIS Compilation		Nathan Taylor		0.3						\$395.00		\$118.50					
GIS Compilation		Jason Kolcun		0.2						\$425.00		\$63.75					
GIS Compilation/Database Compilation		Brad Robison		12.6						\$525.00		\$6,630.75					
Database compilation		Chris Gallagher		5.3						\$725.00		\$3,820.75					
Report preparation		Mike McCuaig		7.0						\$525.00		\$3,675.00					
												\$35,050.45				\$35,050.45	
Contractors and Subcontractors																	
Geological		All-Terrane Exploration Services										\$1,073.32					
Other		Larch Hills - Cook + OFA Level 3										\$11,920.00					
												\$12,993.32				\$12,993.32	
Geochemical Surveying				No. of Samples								Subtotal					
Drill (cuttings, core, etc.)				549								\$16,327.26					
Rock				4								\$107.52					
												\$16,434.78				\$16,434.78	
Drilling		No. of Holes, Size of Core and Metres										Subtotal					
Diamond		Six Holes of NQ Core totalling 607.61 meters.										\$96,075.82					
												\$96,075.82				\$96,075.82	
Transportation								Hrs.		Rate/Hr.		Subtotal					
Airfare												\$5,873.21					
Truck rental												\$410.03					
fuel		Vehicles										\$5,193.72					
Helicopter (hours)		Fireweed Helicopters L3				77		\$1,250.00				\$95,914.00					
Fuel (litres/hour)		Average cost of fuel is \$ 2.33/l.				77		130.00				\$23,377.97					
Other		Baggage Charges.										\$186.28					
												\$130,955.21				\$130,955.21	
Accommodation & Food																	
Hotel												\$1,832.05					
Camp		Camp construction materials, tools, groceries, fuel consumed in camp.										\$23,165.89					
Meals												\$1,372.14					
												\$26,370.08				\$26,370.08	
Geological and Geochemical												Subtotal					
Permitting												\$16.50					
Geological Supplies												\$571.56					
Sampling Consumables		Sample bags, tags, flagging, reference ores.										\$1,264.51					
												\$1,852.57				\$1,852.57	
Equipment Rentals				# of Items		Chargable Time Months		Qty		Rate		Subtotal					
Barrell Pump (hand) - per month				3.00		1.00				\$25.00		\$75.00					
Chainsaw - per month				1.00		1.00				\$150.00		\$150.00					
Computer wi printer - per month				2.00		1.00				\$220.00		\$440.00					
Core Splitter - per month				1.00		1.00				\$350.00		\$350.00					
Diesel Stove - per month				7.00		1.00				\$350.00		\$2,450.00					
Digital Camera - per month				1.00		1.00				\$100.00		\$100.00					
Dryer - per month				1.00		1.00				\$400.00		\$400.00					
Field kits - per month				3.00		1.00				\$600.00		\$1,800.00					
Fire suppression tank (backpack) - per month				2.00		1.00				\$110.00		\$220.00					
Firearm (12 ga defender) - per day				1.00		5.00				\$5.00		\$25.00					
Freezer - per month				1.00		1.00				\$400.00		\$400.00					
Fridge - per month				1.00		1.00				\$400.00		\$400.00					
Generator 3-10kw - per month				1.00		1.00				\$675.00		\$1,350.00					
Hot Water Tank (40 gal) - per month				1.00		1.00				\$400.00		\$400.00					
Internet/Voip box - per month				1.00		1.00				\$1,100.00		\$1,100.00					
Kitchen Supplies - per month				1.00		1.00				\$150.00		\$150.00					
Level III First Aid Kit - per month				1.00		1.00				\$100.00		\$100.00					
Mileage per km-Unit#03								4295 kms		\$0.30		\$1,288.65					
Mileage per km-Unit#05								2347 kms		\$0.30		\$704.25					
Mileage per km-Unit#EPL								370 kms		\$0.30		\$111.15					
Mileage per km-Unit#YJ								690 kms		\$0.30		\$207.00					
Radio wi charger - per month				4.00		1.00				\$100.00		\$400.00					
Satellite phone wi charger - per month				1.00		1.00				\$250.00		\$250.00					
Spill kits (large) - per month				2.00		1.00				\$266.00		\$532.00					
Spill kits (small) - per month				2.00		1.00				\$110.00		\$220.00					
Stove - per month				1.00		1.00				\$400.00		\$400.00					
Survival Kit - per month				1.00		1.00				\$100.00		\$100.00					
Trailer 5 Ton - per month- Unit #01				1.00		1.25				\$1,000.00		\$1,315.00					
Trailer Enclosed - per month - Unit #03				1.00		0.90				\$2,000.00		\$1,815.00					
Truck wi insurance - per day Unit#EPL				1.00		0.45				\$100.00		\$45.00					
Truck wi insurance - per day Unit#YJ				1.00		1.00				\$100.00		\$100.00					
Truck wi insurance - per month Unit#05				1.00		0.66				\$2,500.00		\$1,645.00					
Truck wi insurance - per month Unit#03				1.00		0.66				\$2,500.00		\$1,645.00					
UV Lamp - per month				1.00		1.00				\$100.00		\$100.00					
Wall tent - per month				6.00		1.00				\$600.00		\$3,600.00					
Washer - per month				1.00		1.00				\$400.00		\$200.00					
Water supply & Purification system - per month				1.00		1.00				\$350.00		\$175.00					
plotter maps												\$124.80					
plotter maps												\$176.80					
Oriented Core Tool		Fordia CorientR - Oriented Core										\$1,489.86					
Repairs and Maintenance												\$219.13					
Other												\$341.29					
DDH section template & DDH compilation map												\$405.60					
												\$27,520.53				\$27,520.53	
Expediting		Smalls Expediting, Canadian Freightways, Purolator Courier Ltd.								\$0.00		\$12,737.62				\$12,737.62	
TerraLogic Exploration Handling and Administration Fees												\$43,492.94				\$43,492.94	
TOTAL Expenditures																\$450,224.00	

APPENDIX III

Geochemical Protocol

Appendix 3.1 – Geochemistry – DDH Sampling Techniques

Core Logging: Daily visits to the drill occurred at shift change, 7:00 am and 7:00 pm respectively. This was done to ensure that the drill core and footage markers were being placed in the box correctly, and that the drill core was free from grease and other drill additives.

1. Core boxes were loaded into a metal basket for storage immediately after being filled on the drill platform. At each cross-shift the core boxes were secured with wooden lids, rubber bands, and ratchet straps. It was then flown to the Dragon Lake camp.
2. TerraLogic crew members received the basket of core from the helicopter. Each box was taken from the basket and placed on wooden skids in sequence. The lowest box number was placed on the skids first, and then the rest follow in order. The rubber bands and core box lids were then loaded back into the basket, secured with the ratchet strap and returned to the property.
3. Once all of the boxes are laid out, the core boxes and blocks are checked making sure that everything has been properly recorded, and that nothing is missing.
4. A summary log is taken for the following geologic features: Alteration, Lithology, and Mineralization. The information is used to provide quick daily updates of drilling activities.
5. The core boxes remain on the wooden skids until they are transferred into the core shack for logging and sampling.
6. The core logging tent could accommodate a total of 8, four foot core boxes at any one time for logging. The boxes were placed on wooden saw horses which were constructed on site. The boxes were ordered such that the lowest box number was on the tent side of the left most saw horse. The rest of the boxes followed in sequence, ordered such that the core is read like pages in a book, left to right moving down hole.
7. Once the core was laid out on the saw horses geotechnical procedures began. In summary these procedures include:
 - Cleaning the core of any unwanted dirt, grease, or other drill additives.
 - Converting footage markers to metric, each footage marker had the corresponding meterage written on the flip side of the marker. Brackets were drawn on either side of the block, on the margin of the box so that if the block was accidentally moved it could be placed back in its original position.
 - Using the converted measurements on the blocks one-meter intervals were marked on the drill core using a grease pencil. During this process the “start” and “finish” meterage was written at the top left and bottom right of each box using a permanent marker and/or a carpenter’s pencil.
 - Core recovery intervals are calculated for each run of core. This process involves measuring of the drill core. Beginning at the start of the run the geotechnician measures each piece of core moving down the hole until the end of the run. This cumulative measurement is recorded in a palm pilot. The recovery percentage is then calculated in the palm pilot. The recovered drill core is expressed as the percentage of core recovered with respect to the length of the interval stated between the meterage blocks. Each run has the recovery written on the margin of the box above the end block for the run.

- A metal tag was affixed to the left hand end of each box. The hole number, box number, and meterage interval was written on each tag (eg. DR11-001 Box 1 3.05 m – 7.90 m). All of this information was recorded by hand in a notebook, and kept as a reference guide for organizing core photographs.
8. Upon completion of the geotechnical procedure sample layout and core logging was initiated. In summary these procedures include:
- Sample layout was completed by the project geologist. The entire drill hole was sampled from collar to the end of the hole. Sample intervals were marked on the core using a red grease pencil. Sample intervals were marked out at one meter intervals, the corresponding meterage written at the beginning of each interval in red grease pencil. Modification of sample intervals from the one meter standard was necessary to allow for changes in lithology, alteration, veining, and mineralization. Sample intervals did not exceed 1.40 meters. Above the beginning of each sample interval a metal sample tag was affixed to the box. The left hand edge of every sample tag was aligned with the beginning of the sample interval. On each sample tag the sample number, and sample interval meterage was written as follows (DR11001-001 1.00 m – 2.00 m). The sample tag number, and sample interval from/to meterage was recorded digitally in the palm pilot. The total recovered length of each sample interval was measured, and digitally recorded in the palm pilot.
 - Core logging was completed by a geology student, under the supervision of the project geologist. All core logging was recorded into an Access Database designed by TerraLogic Exploration Inc. All aspects of geological information are recorded into the data base under the following table headings: alteration, brecciation, lithology, mineralization, structure, shearing, veining, and vein intervals.
9. Upon completion of sample layout and core logging the drill core was taken out of the core shack and stacked in order. The core was then photographed two boxes at a time, in order down hole. Core remained stacked outside the logging tent awaiting sampling.

Core Sampling: Sampling/core splitting was carried out using a conventional manual hand splitter. The sampling geotechnician began sampling at the beginning of the hole, and continued sequentially until the bottom of the hole. The core sampling procedure is as follows:

1. Upon bringing the core box inside the core logging/splitting tent, the geotech writes out seven sample tags on orange flagging tape, and labels seven plastic poly sample bags on both sides with the sample number. The tech then places each sample flagging tag in the corresponding sample poly bag. The bags are then organized sequentially and placed next to the core splitting station.
2. The geotech was instructed to split each sample in half such that the rock sample in the bag, and the box shared equal representation of mineralization. This was done based on visual inspection of the core, and estimating the best split of mineral distribution.
3. The core is then placed into the rock splitter such that the blade splits the rock in half along the line of sight selected by the geotech.
4. Once broken half of the sample is placed in the sample bag, and the other piece is returned to the box in the correct order and orientation.
5. After splitting the entire interval the core splitter is brushed clean. All of the fine material created during the splitting process is collected in trays below the core splitter and placed in the sample bag.
6. The sample bag is then sealed using orange flagging tape, and placed into a white rice bag. The sample number, sample date, and rice bag number are then recorded by hand in a sample log. These written documents are kept to update sample shipment records.
7. The above procedure is repeated seven times. Upon completion of the seventh sample the geotech double checks that all samples in the rice bag match the correct sample intervals outlined in the boxes. In addition the geotech double checks that each sample in the bag corresponds to the information written in the sample log. If all samples and documentation pass the quality control check then the rice bag is sealed with a plastic zip tie.
8. The above procedure was repeated for all sampling of Dragon Lake 2011 drill core.
9. As each rice bag is completed they are lined up in order, beginning with bag # 1 awaiting shipment.
10. QAQC samples were inserted into the sample sequence by the project geologist. Standard gold-silver reference ores were included in the sample sequence every 20th sample. Blank reference material was included in the sample sequence every 40th sample. Standard samples have the following nomenclature DR11001-020S, DR11001-040S, etc. Blank samples have the following nomenclature: DR11001-040B, DR11001-080B, etc. Both standard and blank samples were packaged in the same fashion as drill core samples.

Appendix 3.2 – Geochemistry – Field Sampling Techniques

Field Sampling Techniques

Rock samples were collected in the field by placing 1-2 kg of material in heavy grade plastic sample bag with the sample number written on both sides in permanent marker. Each sample bag was then sealed with a plastic cable tie and samples were transported back to camp at the end of each day. A representative piece of each sample was often collected and returned to camp for further examination in the event of an interesting or exceptional analytical result.

Sample locations were marked in the field with orange arctic-grade flagging tape, and an aluminum tag, both having been marked with the appropriate sample number. Sample locations were determined by hand-held GPS set to report locations in UTM coordinates using the North American datum established in 1983 (NAD 83).

All surface geochemical samples were collected by company geologists or sampling technician employees trained by TerraLogic Exploration staff geologists. At the end of each day samples were organized, and catalogued and then placed in poly woven “rice” bags. The samples were maintained as a single group before being taken and dropped off at the Stewart Group (EcoTech) Prep lab in Whitehorse.

Appendix 3.3 – Geochemistry – Analytical Techniques

GEOCHEMISTRY – ANALYTICAL TECHNIQUES

All samples were sent to Stewart Group Laboratories (Eco Tech Laboratories Ltd.), Whitehorse, YT for preparation and then to Kamloops, BC for analysis. Stewart Group Laboratories (Eco Tech Laboratories Ltd.). Three sample shipments DR11-004, DR11-005, and DR11-006 were subsequently sent to ALS Laboratories after ALS merged with Stewart Group Labs. The ALS samples were processed by their lab in Anchorage, Alaska. All samples were collected, handled, cataloged and prepared for shipment by TerraLogic Exploration staff.



Analytical Procedure Assessment Report



Eco Tech Laboratory Ltd. is registered for ISO 9001:2008 by KIWA International (TGA-ZM-13-96-00) for the “provision of assay, geochemical and environmental analytical services”. Eco Tech also Participates in the annual Canadian Certified Reference Materials Project (CCRMP) and Geostats Pty bi-annual round robin testing programs. The laboratory operates an extensive quality control/quality assurance program, which covers all stages of the analytical process from sample preparation through to sample digestion and instrumental finish and reporting.



SAMPLE PREPARATION (codes vary)



Samples (minimum sample size 250g) are catalogued and logged into the sample-tracking database. During the logging in process, samples are checked for spillage and general sample integrity. It is verified that samples match the sample shipment requisition provided by the clients. The samples are transferred into a drying oven and dried. Rock samples are crushed on a Terminator jaw crusher to -10 mesh ensuring that 70% passes through a Tyler 10 mesh screen. Every 35 samples a re-split is taken using a riffle splitter to be tested to ensure the homogeneity of the crushed material. A 250 gram sub sample of the crushed material is pulverized on a ring mill pulverizer ensuring that 95% passes through a -150 mesh screen. The sub sample is rolled, homogenized and bagged in a pre-numbered bag. A barren gravel blank is prepared before each job in the sample prep to be analyzed for trace contamination along with the processed samples.



GOLD FIRE ASSAY: ASSAYS (Au3-30)



A 30g sample size is fire assayed along with certified reference materials using appropriate fluxes. The flux used is pre-mixed, purchased from Anachemia which contains Cookson Granular Litharge. (Silver and Gold Free). The ratios are 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, 7.3% Silica. (The charges may be adjusted based on the sample). Flux weight per fusion is 150g. Purified Silver Nitrate or inquarts for the necessary silver addition is used for inquartation. The resultant dore bead is parted and then digested with nitric acid followed by hydrochloric acid solutions and then analyzed on an atomic absorption instrument (Perkin Elmer/Thermo S-Series AA instrument). Gold detection limit on AA is 0.03-100.00 g/t. Any gold samples over 100.00 g/t will be run using a gravimetric analysis protocol. Appropriate certified reference material and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet for quality control assessment.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are emailed, faxed or mailed to the clients.



ICP-AES AQUA REGIS DIGESTION (AR-ES)



A 0.5 gram sample is digested with a 3:1:2 (HCl: HNO_3 : H_2O) solution in a water bath at 95°C. The sample is then diluted to 10ml with water. All solutions used during the digestion process contain beryllium, which acts as an internal standard for the ICP run. The sample is analyzed on a Thermo IRIS Intrepid II XSP ICP unit. Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab. QC samples are run along with the client samples to ensure no machine drift occurred or instrumentation issues occurred during the run procedure. Repeat samples (every batch of 10 or less) and re-splits (every batch of 35 or less) are also run to ensure proper weighing and digestion occurred.

Results are collated by computer and are printed along with accompanying quality control data (repeats, re-splits, and standards). Any of the base metal elements (Ag, Cu, Pb, Zn) that are over limit (>1.0%) are immediately run as an ore grade assay (see protocol below).

Results are emailed, faxed or mailed to the clients.

Detection Limits ICP-AES:

Element	Unit	LDL	Element	Unit	LDL
Ag	ppm	0.5	Mn	ppm	5
Al *	%	0.01	Mo	ppm	1
As	ppm	5	Na *	%	0.01
Ba *	ppm	2	Ni	ppm	1
Be *	ppm	1	P	%	0.001
Bi	ppm	5	Pb	ppm	3
Ca *	%	0.01	S *	%	0.01
Cd	ppm	1	Sb *	ppm	5
Co	ppm	1	Sn *	ppm	5
Cr *	ppm	2	Sr *	ppm	2
Cu	ppm	2	Ti *	ppm	10
Fe *	%	0.01	U	ppm	5
Hg	ppm	5	V	ppm	2
K *	%	0.01	W *	ppm	5
La *	ppm	2	Y *	ppm	1
Li *	ppm	2	Zn	ppm	2
Mg *	%	0.01			

***Elements marked with an asterisk* may not be totally digested**



Sample Preparation Procedure

Logging Samples Received as Pulps

All pulp samples received at ALS Chemex are furnished with a bar code label attached to the original sample bag. The system will also accept client supplied bar coded labels that are attached to sampling bags in the field. The label is scanned and the weight of the sample is recorded together with additional information such as date, time, equipment used and operator name. The scanning procedure is used for each subsequent activity involving the sample from preparation to analysis, through to storage or disposal of the pulp.

At least one out of every 50 samples is selected at random for routine pulp QC tests (LOG-QC). For routine pulps, the specification is 85 % passing a 75 micron screen. Other specifications may be checked as per client requirements.

Method Code	Specifications	Description
LOG-23	85 % < 75 $\square$ m	Log received sample pulp in tracking system (Sample pulps received with bar code labels attached).
LOG-24	85 % < 75 $\square$ m	Log received sample pulp in tracking system (Sample pulps received without bar code labels attached).
LOG-25	95 % < 106 $\square$ m	Log received sample pulp in tracking system (Sample pulps received with bar code labels attached).
LOG-26	95 % < 106 $\square$ m	Log received sample pulp in tracking system (Sample pulps received without bar code labels attached).
LOG-QC	See method specifications	Testing Procedure for samples received as pulp.

Revision 01.00
Dec 16, 2005

RIGHT SOLUTIONS RIGHT PARTNER

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Sample Preparation Package

PREP- 33D

Fine Sample Preparation: Dry, Crush, Split and Pulverize (1000 g)

The entire sample is dried and crushed to better than 90% passing a 2 mm (Tyler 10 mesh) screen. A split of up to 1000 g is taken and pulverized to better than 95% passing a 106 micron (Tyler 200 mesh) screen. This method is appropriate for rock chip or drill samples.

Method Code	Description
LOG-22	Sample is logged in tracking system and a bar code label is attached.
CRU-32	Fine crushing of rock chip and drill samples to better than 90% of the sample passing 2 mm.
SPL-21	Split sample using riffle splitter.
PUL-35a	A sample split of up to 1000 g is pulverized to better than 95% of the sample passing 106 microns.

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Jun 07, 2007

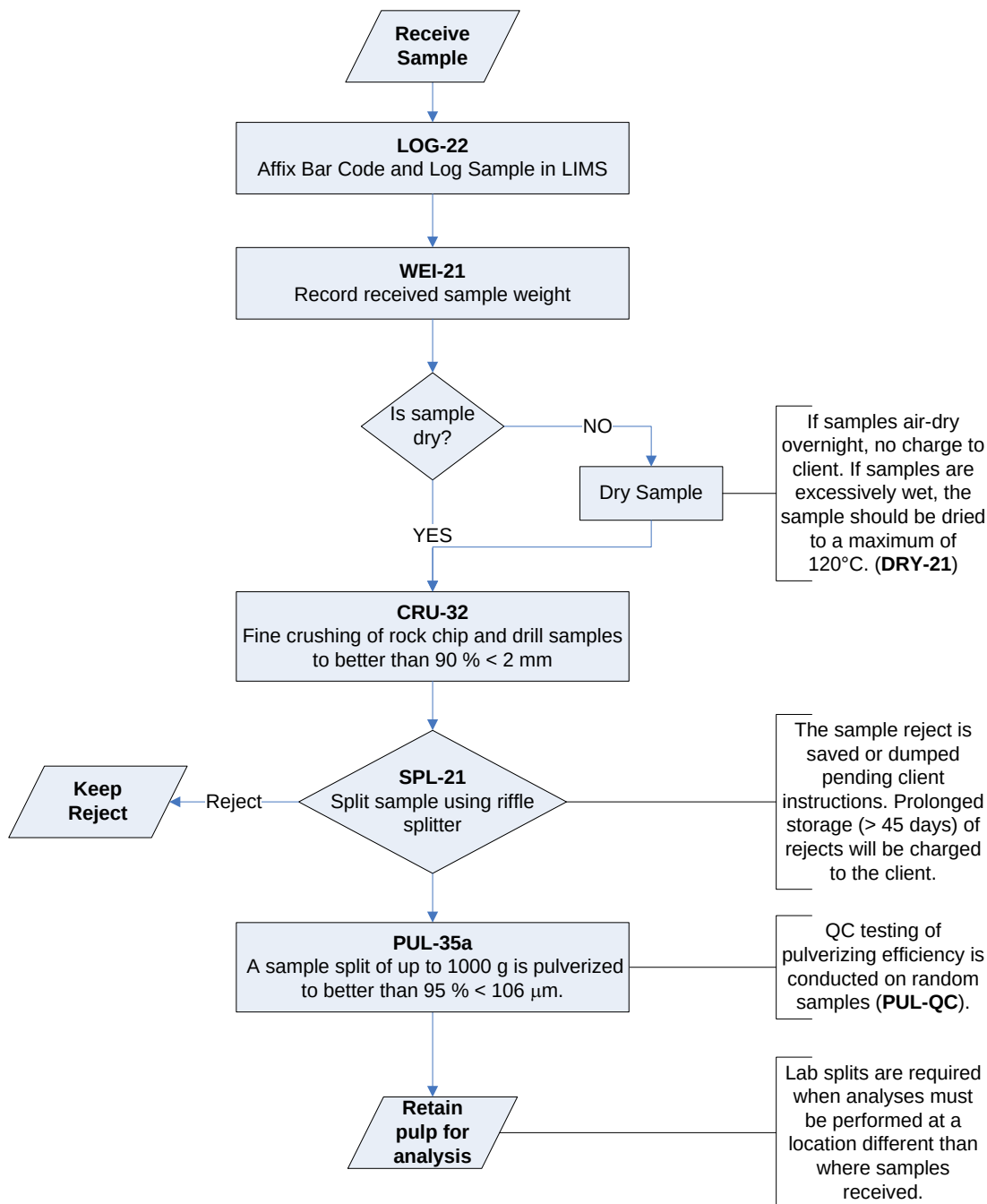
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Sample Preparation Package

Flow Chart – Sample Preparation Package – PREP- 33D Fine Sample Preparation: Dry, Crush, Split and Pulverize (1000 g)



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Geochemical Procedure - ME-ICP41

Trace Level Methods Using Conventional ICP-AES Analysis

Sample Decomposition: Nitric Aqua Regia Digestion (GEO-AR01)
Analytical Method: Inductively Coupled Plasma - Atomic
Emission Spectroscopy (ICP - AES)

A prepared sample is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Silver	Ag	ppm	0.2	100	Ag-OG46
Aluminum	Al	%	0.01	25	
Arsenic	As	ppm	2	10000	
Boron	B	ppm	10	10000	
Barium	Ba	ppm	10	10000	
Beryllium	Be	ppm	0.5	1000	
Bismuth	Bi	ppm	2	10000	
Calcium	Ca	%	0.01	25	
Cadmium	Cd	ppm	0.5	1000	
Cobalt	Co	ppm	1	10000	
Chromium	Cr	ppm	1	10000	
Copper	Cu	ppm	1	10000	Cu-OG46
Iron	Fe	%	0.01	50	



Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Gallium	Ga	ppm	10	10000	
Mercury	Hg	ppm	1	10000	
Potassium	K	%	0.01	10	
Lanthanum	La	ppm	10	10000	
Magnesium	Mg	%	0.01	25	
Manganese	Mn	ppm	5	50000	
Molybdenum	Mo	ppm	1	10000	
Sodium	Na	%	0.01	10	
Nickel	Ni	ppm	1	10000	
Phosphorus	P	ppm	10	10000	
Lead	Pb	ppm	2	10000	Pb-OG46
Sulfur	S	%	0.01	10	
Antimony	Sb	ppm	2	10000	
Scandium	Sc	ppm	1	10000	
Strontium	Sr	ppm	1	10000	
Thorium	Th	ppm	20	10000	
Titanium	Ti	%	0.01	10	
Thallium	Tl	ppm	10	10000	
Uranium	U	ppm	10	10000	
Vanadium	V	ppm	1	10000	
Tungsten	W	ppm	10	10000	
Zinc	Zn	ppm	2	10000	Zn-OG46



Elements listed below are available upon request

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Cerium	Ce	ppm	10	10000	
Hafnium	Hf	ppm	10	10000	
Indium	In	ppm	10	10000	
Lithium	Li	ppm	10	10000	
Niobium	Nb	ppm	10	10000	
Rubidium	Rb	ppm	10	10000	
Selenium	Se	ppm	10	10000	
Silicon	Si	ppm	10	10000	
Tin	Sn	ppm	10	10000	
Tantalum	Ta	ppm	10	10000	
Tellurium	Te	ppm	10	10000	
Yttrium	Y	ppm	10	10000	
Zirconium	Zr	ppm	5	10000	



Fire Assay Procedure

Au- AA25 and Au- AA26 Fire Assay Fusion, AAS Finish

Sample Decomposition:

Fire Assay Fusion (FA-FUS03 & FA-FUS04)

Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven. 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 10 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA25	Gold	Au	ppm	30	0.01	100	Au-GRA21
Au-AA26	Gold	Au	ppm	50	0.01	100	Au-GRA22

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Appendix 3.4 – Software

The following software was used to compile the information provided in the 2011 Assessment Report for the Kiwi Property:

- Microsoft Office 2010
- ArcGIS v.9.3.1
- Geosoft Target v.7.2.1
- Adobe Acrobat X Standard
- Corel Graphics Suite 11
- Open Office.org 3.0
- Pendragon Forms

APPENDIX IV

Diamond Drill Hole Logs and Samples

Hole Number	From(m)	To(m)	Alteration Type	Degree	Alteration Type	Degree	Notes
DR11001	43.30	55.50	SILICA	2			
DR11001	55.50	59.46	SILICA	4			
DR11001	59.46	61.66	SILICA	3			
DR11001	61.66	62.29	SILICA	5			
DR11001	62.29	66.30	SILICA	2			
DR11001	66.30	67.25	SILICA	3			
DR11001	67.25	68.30	SILICA	4			
DR11001	68.30	71.59	SILICA	3			
DR11001	71.59	74.10	SILICA	2			
DR11001	74.10	74.75	SILICA	3			
DR11001	74.75	77.70	SILICA	4			
DR11001	77.70	82.74	SILICA	5			
DR11001	95.50	96.80	SILICA	3	SERICITE	3	Alteration envelope resulting from quartz vein.
DR11001	93.76	93.96	SILICA	3	SERICITE	3	
DR11001	90.71	92.25	SILICA	3	SERICITE	3	
DR11002	18.64	19.59	SILICA	3			Reflection of protolith where we have reaction of silica alteration with primary host rock (Quartzite?)
DR11002	19.59	27.38	SILICA	2			Silica overprint on skarn varies a bit throughout section. A reflection of protolith.
DR11002	28.16	31.10	SILICA	3	SERICITE	3	Silica overprint on skarn varies a bit throughout section. Becomes increasingly silicified and less sericitized downhole.
DR11002	31.10	32.05	SILICA	1			Light silica overprint in some areas.
DR11002	33.32	35.61	SILICA	1			Light silica overprint.
DR11002	35.61	40.05	SILICA	3			
DR11002	40.05	42.37	SILICA	2			
DR11002	42.37	43.27	SILICA	4			
DR11002	43.27	44.27	SILICA	2			
DR11002	44.27	47.17	SERICITE	4			Concides with maximum shear zone.
DR11002	47.17	48.72	SERICITE	3	SILICA	2	Coincides with fairly sheared.
DR11002	48.72	50.29	SERICITE	2	SILICA	3	
DR11002	50.29	51.89	SERICITE	1	SILICA	4	Concides with least shear.

Hole Number	From(m)	To(m)	Alteration Type	Degree	Alteration Type	Degree	Notes
DR11002	52.32	54.30	SERICITE	3	SILICA	2	Conicides with shear zone.
DR11002	51.89	52.32	SILICA	4			
DR11003	26.36	29.79	SILICA	2			
DR11003	50.00	50.60	SILICA	3			
DR11004	8.82	18.13	SILICA	4			
DR11004	28.95	36.27	SILICA	3			Drusy texture at parts as well as a vuggy texture created by silicification. Perfect Qtz crystal growth.
DR11004	36.27	39.93	SILICA	3			Drusy texture at parts as well as a vuggy texture created by silicification. Perfect Qtz crystal growth.
DR11004	39.93	42.47	SILICA	4			
DR11004	42.75	44.51	SILICA	2			
DR11004	44.51	53.70	SILICA	3			
DR11004	53.70	54.74	SILICA	2			
DR11004	54.74	55.59	SILICA	3			
DR11004	55.59	56.25	SILICA	2			
DR11004	56.26	57.82	SILICA	3			
DR11004	57.82	60.51	SILICA	4			
DR11004	60.51	61.59	SILICA	2			
DR11004	61.59	62.13	SILICA	4			
DR11004	62.13	70.33	SILICA	2			
DR11004	70.33	71.54	SILICA	1			
DR11004	71.54	72.85	SILICA	2			
DR11004	72.85	73.72	SILICA	3			
DR11004	73.72	74.81	SILICA	1			
DR11004	74.81	75.35	SILICA	3			
DR11004	75.35	82.00	SILICA	2			
DR11004	82.00	84.46	SILICA	1			
DR11004	84.46	86.21	SILICA	3			
DR11004	86.21	88.65	SILICA	1			
DR11004	88.65	96.26	SILICA	1			
DR11004	97.00	103.31	SILICA	3			
DR11004	104.70	113.05	SILICA	3			

Hole Number	From(m)	To(m)	Alteration Type	Degree	Alteration Type	Degree	Notes
DR11004	114.30	122.30	SILICA	2			
DR11004	122.30	123.65	SILICA	4			
DR11004	123.65	126.57	SILICA	2			
DR11004	126.57	128.25	SILICA	3			
DR11004	128.25	130.75	SILICA	2			
DR11004	130.75	133.03	SILICA	3			
DR11004	133.03	135.97	SILICA	2			
DR11004	135.97	143.50	SILICA	3	SERICITE	2	
DR11004	143.50	158.19	SILICA	2	SERICITE	1	Occasional alteration halo around quartz veins sericite appearance coincides with plagioclase disappearance.
DR11005	11.30	14.00	SILICA	4	SERICITE	1	
DR11005	14.00	16.78	SILICA	2			
DR11005	16.78	21.00	SILICA	3	SERICITE	1	
DR11005	24.42	25.08	SILICA	1	SERICITE	1	
DR11005	25.08	35.00	SILICA	3	SERICITE	1	
DR11005	35.10	38.00	SILICA	2			
DR11005	42.76	45.14	SILICA	3			
DR11005	47.14	47.91	SILICA	3			
DR11005	47.91	49.14	SILICA	2	SERICITE	2	
DR11005	49.14	58.83	SILICA	3			
DR11005	63.63	65.26	SILICA	2	SERICITE	1	
DR11005	65.26	68.05	SILICA	4			
DR11005	68.05	70.66	SILICA	3			
DR11005	70.66	71.87	SILICA	2			
DR11005	71.87	78.00	SILICA	3			
DR11005	78.00	92.00	SILICA	2			
DR11005	92.45	94.00	SILICA	2	SERICITE	2	
DR11005	94.00	95.00	SILICA	3	SERICITE	1	
DR11005	95.00	98.75	SILICA	2	SERICITE	1	
DR11005	98.75	100.27	SILICA	4	SERICITE	1	

Hole Number	From(m)	To(m)	Alteration Type	Degree	Alteration Type	Degree	Notes
DR11005	100.27	101.04	SILICA	1			
DR11005	101.40	102.93	SILICA	3			
DR11005	102.93	103.32	SERICITE	1			
DR11005	103.92	115.51	SILICA	2			
DR11006	12.19	17.54	SILICA	2			
DR11006	21.70	23.06	SILICA	3			
DR11006	23.06	24.45	SILICA	2			
DR11006	24.45	25.44	SILICA	4			
DR11006	25.44	26.40	SILICA	3			
DR11006	26.40	27.14	SILICA	3			
DR11006	27.14	29.20	SILICA	3			
DR11006	29.30	41.32	SILICA	2			
DR11006	41.32	46.93	SILICA	1			
DR11006	46.93	48.38	SILICA	3			
DR11006	48.38	52.38	SILICA	4			
DR11006	52.38	55.84	SILICA	3			
DR11006	55.84	59.80	SILICA	2			
DR11006	74.38	88.87	SILICA	1			
DR11006	96.80	97.96	SILICA	2			

Hole Number	From(m)	To(m)	Rock Type	Minor Rock Type	Primary Color	Secondary Colour	Grain Size	Texture	Secondary Texture	Notes
DR11001	0	11.88	Overburden							
DR11001	11.88	15.1	Porphyry		greyish	green	fine	fractured		Carbonate calcite veins in qtz, grey green white.
DR11001	15.1	20.3	Quartzite		grey green	white	medium	fractured		Ranges from fine to coarse grain. Limey gouge. Some reaction to HCl.
DR11001	20.3	21.5	Carbonate		green	black	fine	fractured		Sulphides hosted in a metasedimentary altered to diopside.
DR11001	21.5	23	Porphyry		grey	black	fine to coarse	fractured		Lightly silicified quartz.
DR11001	23	24.65	Carbonate		green	beige	fine to coarse	brecciated	fractured	There are large tan to beige clasts which are up to 3cm.
DR11001	24.65	26.2	Porphyry		white	beige	fine to coarse	fractured		Highly silicified, some reaction from fractures and veins to HCl.
DR11001	26.2	26.45	Carbonate		grey	reddish	fine	massive	veined	
DR11001	26.45	27.15	Carbonate		grey	white	fine	banded	stylolites	
DR11001	27.15	27.27	Carbonate		green	red	fine	fractured		This is gradational over a short period from carbonate to a black diopside with garnet and sulphides to diopside with sulphides then back. Calcite has filled in some fractures.
DR11001	27.27	36.09	Carbonate		grey	white	fine	banded	stylolites	Banded looking.
DR11001	36.09	42.56	Porphyry		white	grey	medium	brecciated	fractured	
DR11001	42.56	59.46	Carbonate		white	cream black green red	medium	brecciated	fractured	Consistant crosscutting veins which show sulphide mineralization.
DR11001	59.46	61.66	Carbonate		green		fine	veined	fractured	
DR11001	61.66	82.74	Carbonate		white	cream black green	medium	brecciated	fractured	
DR11001	82.74	118.87	Calc-silicate	Hornfels	greyish	black	very fine	veined fractured	spotted	
DR11002	0	8.84	Overburden							
DR11002	8.84	13.55	Carbonate	Clay	grey	white	fine	gouge	fractured	
DR11002	13.55	18.64	Carbonate	Carbonate	green	black	fine	fractured		Parts of this section have been completely skarnified while others show residual composition. This could be from impure carbonate protolith.
DR11002	18.64	27.39	Carbonate		black purple	beige	fine	fractured		Varying degrees of skarnification and silicification.
DR11002	27.39	28.16	Carbonate	Carbonate	green	black	fine	fractured		Parts of this section have been completely skarnified while others show residual composition. This could be from impure carbonate protolith.
DR11002	28.16	31.09	Carbonate		black purple	beige	fine	fractured		Varying degrees of skarnification and silicification.
DR11002	31.09	32.35	Carbonate		grey	Black	fine	veined	fractured	bands visible from original structure. cm scale micro fracturing of compositional layering.
DR11002	32.35	33.32	Carbonate		green	white	fine	fractured	brecciated	Marble protolith clasts? With a diopside matrix.
DR11002	33.32	35.61	Carbonate		grey	white	fine	brecciated	sheared	Gouge.
DR11002	35.61	54.3	Porphyry		white	grey	fine to coarse	fractured	sheared	Sericite is interstitial and increases in percentage in sheared zone. Garnet also forms in shear zones. Cream / Light Green / Red (in shear zone) colours as well.
DR11003	0	5.79	Overburden							
DR11003	5.79	11.09	Quartz Aernite Grit		white	grey	grit	equigranular	grit	Looks like it may have come from or be a quartz arenite.
DR11003	11.09	19.16	Carbonate		green	black	fine	fractured		Shifts mineralogy (see skarn alteration).
DR11003	19.16	26.35	Carbonate		grey	white	fine	banded	veined	See previous (banded carbonate / skarnification with the purple mineral.) (parts forming diopside and parts forming purple mineral biotite?).
DR11003	26.35	30.39	Porphyry		grey	beige	fine-medium	veined	fracture	Has similarities to porphyry but also to quartz grit.
DR11003	30.39	33.65	Carbonate		grey	white	fine	banded	veined	See previous (banded carbonate / skarnification with the purple mineral.) (parts forming green diopside and parts forming purple mineral biotite?).
DR11003	33.65	37.75	Carbonate		grey	white	fine-medium	brecciated	fractured	Completely sheared and brecciated to the point where it is near impossible to see original rock type. Cataclastic fabric is comon through the interval. Augen texture typically observed enveloping lithic framework clasts.
DR11003	37.75	38.98	Carbonate		grey	beige	medium	fractured	sheared	
DR11003	38.98	40.1	Hornfels		black	purple	fine-medium	fractured		
DR11003	40.1	40.8	Porphyry		grey	black	medium	veined		Altered to a point where only quartz clasts are recognisable.
DR11003	40.8	46.61	Hornfels		black	purple	fine-medium	fractured		
DR11003	46.61	49.4	Porphyry		grey	beige	medium	veined		
DR11003	49.4	58.5	Hornfels		green	purple	fine-medium	fractured		Skarned hornfels.
DR11003	58.5	62.11	Porphyry		grey	beige	medium	veined		
DR11003	62.11	62.7	Porphyry		grey	white	medium-coarse	granular	fractured	Looks like porphyry grains are larger contains the odd grain of BT (1%).
DR11004	8.83	18.13	Quartz Aernite Grit		white	green	fine-medium	veined	altered	Silicified and skarned overprint on qtz grit. Shows some purple/blackmineral (biotite?).
DR11004	18.13	29.95	Carbonate		green	red	fine-medium	fractured		Lime Green Calcite crystal growth on fracture planes.
DR11004	29.95	33	Calc-silicate	Quartz Aernite Grit	purple	grey	fine-medium	sheared	fractured	Green as well. Visible quartz grit zones. Perhaps a mixture due to shearing.
DR11004	33	44.51	Calc-silicate		Purple	green	fine	sheared	fractured	The skarn fluids seem thave penetrated/brecciated a calc silicate. This all occurring in a shear zone. The section has been silicified overprinted vuggy, drusy quartz.
DR11004	44.51	96.26	Calc-silicate		green	black	fine	brecciated	fractured	The protolith has been brecciated and altered by skarn fluids. Calcite and quartz veins as well throughout.
DR11004	96.26	113	Porphyry	Calc-silicate	white	grey	fine-medium	sheared	fractured	This section is mostly porphyry with the occasional appearance of the purple black calc-silicate within the shear zone.
DR11004	113	114.3	Calc-silicate		purple	black		fractured		Continuing to the end of the hole the sections are either prodominantly calc-silicate, porphyry, or quartz grit. They seem to have interbedded in many areas pre-alteration.
DR11004	114.3	116	Porphyry		white	grey	medium	fractured		
DR11004	116	122.3	Calc-silicate	Quartz Aernite Grit	Purple	black	fine	fractured		
DR11004	122.3	127.25	Quartz Aernite Grit	Calc-silicate	light green	grey	fine-medium	fractured		
DR11004	127.25	128.25	Porphyry		white	beige	medium	fractured		
DR11004	128.25	132	Calc-silicate	Quartz Aernite Grit	purple	grey	fine	fractured		
DR11004	132	133.17	Quartz Aernite Grit		grey		fine-medium	fractured		
DR11004	133.17	138.39	Calc-silicate		purple	back	fine	fractured		
DR11004	138.39	158.19	Porphyry	Calc-silicate	grey	beige	fine-medium	fractured	brecciated	Mostly porpyry with some interbedded Calc Silicate showing up in purple black sections. Also a green alteration has gone through it at parts.
DR11005	0	11.3	Overburden							
DR11005	11.3	12.33	Quartz Aernite Grit		white	grey	fine	fractured		
DR11005	12.33	16.78	Calc-silicate	Quartz Aernite Grit	black	purple	fine	fractured		Interbedded quartz rich and clay rich protolith layers.
DR11005	16.78	21.55	Quartz Aernite Grit	Calc-silicate	white	grey	fine	fractured		Interbedded quartz rich and clay rich protolith layers.
DR11005	21.55	25.08	Calc-silicate		black	purple	fine	sheared	fractured	
DR11005	25.08	35	Quartz Aernite Grit		grey	white	fine-medium	sheared	fractured	Sheared in some areas less in others.
DR11005	35	38.58	Quartz Aernite Grit	Calc-silicate	grey	purple	fine	fractured		
DR11005	38.58	47.14	Calc-silicate	Quartz Aernite Grit	purple	white	fine	fractured	veined	Mostly altered calc silicate with small sections of quartz grit. Most of it has been skarned and or silicified.
DR11005	47.14	57.94	Quartz Aernite Grit	Calc-silicate	white	grey	fine	fractured		Green, Black, Purple.
DR11005	57.94	65.26	Calc-silicate		black	purple	fine	veined	fractured	Green.
DR11005	65.26	93.3	Porphyry		white	grey	medium	fractured	veined	Varying degreed of alteration.
DR11005	93.3	102.93	Calc-silicate	Quartz Aernite Grit	black	white	fine	sheared	fractured	Even amounts of quartz grit and Calc-Silicate.
DR11005	102.93	110.26	Porphyry		grey	white	medium	sheared		Very shear, a grey matrix has formed in very brecciated areas. (not carbonate (no reaction)).
DR11005	110.26	115.51	Calc-silicate		black	purple	fine	fractured		
DR11006	0	12.19	Overburden							
DR11006	12.19	21.7	Calc-silicate		purple	grey	fine	fractured		Calcite in fractures.
DR11006	21.7	41.32	Porphyry		white	grey	medium-coarse	veined	fractured	
DR11006	41.32	52.38	Porphyry		white	grey	medium-coarse	fractured		First Appearance of biotite in porphyry.
DR11006	52.38	58	Calc-silicate		purple	grey	fine	fractured		
DR11006	58	59.8	Quartz Aernite Grit		grey	white	fine-medium	sheared	fractured	
DR11006	59.8	65.17	Calc-silicate		purple	black	fine	fractured		
DR11006	65.17	67.43	Porphyry		white	black	fine-medium	fractured		
DR11006	67.43	74.98	Calc-silicate		purple	black	fine	fractured		
DR11006	74.98	87.64	Porphyry		white	black	medium	fractured	sheared	
DR11006	87.64	88.44	Calc-silicate		black	grey	fine	fractured		
DR11006	88.44	88.87	Porphyry		white	grey	medium	sheared		
DR11006	88.87	100.58	Calc-silicate		black	grey	fine	fractured	veined	

Hole Number	From (m)	To (m)	Mineralization	Percentage (%)	Grain Size	Mineralization Style	Notes
DR11001	49.1	55.88	pyrite	0.5	fine	DISSEMINATED	Hosted in difuse quartz veins.
DR11001	61	61.66	pyrite	1.0	fine	BLEBBY	
DR11001	62.05	62.24	pyrite	2.0	medium	DISSEMINATED	Occurs as subhedral to euhedral medium grained x-tals also present in fine hairline fractures with pyrite bleeding into host rock.
DR11001	64.2	67.25	pyrite	0.5	fine	VEINED	Occurs both as wispy millimeter scale veinlets and discontinuous millimeter scale blebs.
DR11001	67.25	67.54	pyrite	4.0	fine	BLEBBY	Occurs as half cm scale blebs in massive quartz veins. Associated with moderate to intense silica flooding.
DR11001	67.54	67.94	pyrite	0.5	fine	DISSEMINATED	
DR11001	67.94	69.1	pyrite	0.1	fine	DISSEMINATED	Occurs mainly in cm scale in massive fine grained quartz veins.
DR11001	69.1	71.59	pyrite	1.0	fine	VEINLETS	Also occurs as in above section.
DR11001	71.59	76.09	pyrite	0.1	fine	BLEBBY \ VEINED	Occurs disemminated throughtout and in quartz veins 2/m.
DR11001	76.09	77.68	pyrtie	0.5	fine	BLEBBY	
DR11001	77.68	80.4	pyrite	2.0	fine	BLEBBY	Associated with 0.5 cm scale quartz veins.
DR11001	77.68	80.4	pyrrhotite	0.1	fine	DISSEMINATED	Associated with 0.5 cm scale quartz veins.
DR11001	82.54	118.9	pyrrhotite	0.1	fine	BLEBBY	Throughout interval.
DR11002	13.55	18.64	pyrrhotite	0.1	very fine	DISSEMINATED	Not visible but magnetic.
DR11002	19.59	27.39	pyrrhotite	0.1	very fine	DISSEMINATED	Contained in diopside layers of skarning.
DR11002	27.39	28.16	pyrrhotite	0.1	very fine	DISSEMINATED	Magnetic pull throughout but unable to see.
DR11002	31.09	32.05	pyrite	1.0	fine	BLEBBY	Occurs in quartz intrusive veinlets.
DR11002	32.35	33.32	pyrite	2.5	fine	BLEBBY	Rims clots of garnet.
DR11002	32.35	33.32	pyrrhotite	0.5	fine	BLEBBY	Rims clots of garnet.
DR11002	35.61	38.29	pyrite	10.0	fine	BLEBBY	Also forming in fractures. The more pyrite the less plagioclase there is.
DR11002	38.29	44.88	pyrite	1.0	fine	BLEBBY	Forming in veins or fratures at cm scale.
DR11002	47.17	54.3	pyrite	1.0	fine	BLEBBY	Increases with increased quartz content. Blebby in veins as well as filling in hairline fractures.
DR11002	47.17	54.3	pyrrhotite	0.1	fine	DISSEMINATED	Periodic blebs.
DR11003	13.53	19.16	Pyrite	1.0	fine	DISSEMINATED	
DR11003	13.53	19.16	pyrrhotite	0.2	fine	DISSEMINATED	
DR11003	13.53	19.16	chalcopyrite	0.1	fine	DISSEMINATED	
DR11003	20.28	20.75	pyrrhotite	0.1	fine	DISSEMINATED	
DR11003	26.35	29.79	Pyrite	2.0	fine	VEINED	Also fractured.
DR11003	26.35	29.79	pyrrhotite	0.2	fine	BLEBBY	Blebby on fracture surfaces.
DR11003	30.61	31.2	pyrrhotite	0.1	fine	DISSEMINATED	
DR11003	37	46.61	pyrrhotite	0.5	fine	DISSEMINATED	
DR11003	37	46.61	chalcopyrite	0.1	fine	DISSEMINATED	
DR11003	46.61	49.4	pyrite	1.0	fine	DISSEMINATED	
DR11003	33.22	37.75	pyrite	0.1	fine	DISSEMINATED	Disseminated in matrix and in fractures/veins.
DR11003	49.4	52	pyrite	1.0	fine	DISSEMINATED	Associated with actinolite and or quartz veins.
DR11003	49.4	52	pyrrhotite	0.5	fine	DISSEMINATED	Associated with actinolite and or quartz veins.

Hole Number	From (m)	To (m)	Mineralization	Percentage (%)	Grain Size	Mineralization Style	Notes
DR11003	52	55.24	pyrrhotite	0.1	fine	DISSEMINATED	
DR11003	55.24	56.73	pyrite	1.0	fine	DISSEMINATED	
DR11003	58.5	62.75	pyrite	2.0	fine	FRACTURES	Hosted in fractures in veins. Also present along rock fractures.
DR11003	58.5	62.75	pyrrhotite	0.1	fine	DISSEMINATED	
DR11003	62.75	63.7	pyrite	0.1	fine	DISSEMINATED	
DR11004	8.83	18.13	pyrrhotite	1.0	fine	VEINED	Filling in fracture that occur throughout the region.
DR11004	8.83	18.13	pyrite	1.0	fine	VEINED	Filling in fracture that occur throughout the region.
DR11004	18.13	29.95	pyrrhotite	3.0	fine	BLEBBY	
DR11004	18.13	29.95	pyrite	1.0	fine	DISSEMINATED	
DR11004	18.13	29.95	chalcopyrite	0.5	fine	DISSEMINATED	Oxidation of 3.
DR11004	8.83	18.13	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	29.95	34	pyrrhotite	1.0	fine	BLEBBY	Disseminated as well.
DR11004	35	36.36	pyrrhotite	1.0	fine	BLEBBY	Disseminated as well.
DR11004	40	42.75	pyrite	0.5	fine	BLEBBY	Can be seen on shear surface planes the most.
DR11004	44.65	52.93	pyrrhotite	2.0	fine	BLEBBY	
DR11004	44.65	52.93	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	52.93	62.1	pyrrhotite	3.0	fine	BLEBBY	Also forms entire veins.
DR11004	52.93	62.1	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	62.1	67	pyrrhotite	5.0	fine	FRACTURES	Blebbby.
DR11004	62.1	67	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	62.1	67	magnetite	0.1	fine	DISSEMINATED	
DR11004	78.24	82.6	pyrrhotite	5.0	fine	VEINED	Blebbby.
DR11004	82.6	86.4	pyrrhotite	1.0	fine	DISSEMINATED	
DR11004	82.6	86.4	pyrite	0.5	fine	DISSEMINATED	
DR11004	86.4	86.7	pyrrhotite	10.0	fine	MASSIVE	
DR11004	86.4	86.7	pyrite	2.0	fine	BLEBBY	
DR11004	86.4	86.7	chalcopyrite	0.2	fine	DISSEMINATED	
DR11004	86.7	88.65	pyrite	0.5	fine	BLEBBY	
DR11004	86.7	88.65	pyrrhotite	0.5	fine	DISSEMINATED	
DR11004	88.65	91.13	pyrrhotite	1.0	fine	BLEBBY	
DR11004	88.65	91.13	pyrite	0.5	fine	BLEBBY	
DR11004	91.13	93.85	pyrite	1.0	fine	BLEBBY	
DR11004	91.13	93.85	pyrrhotite	0.5	fine	BLEBBY	
DR11004	93.85	94.9	pyrrhotite	75.0	fine	MASSIVE	
DR11004	93.85	94.9	pyrite	5.0	fine	BLEBBY	
DR11004	93.85	94.9	chalcopyrite	0.5	fine	DISSEMINATED	
DR11004	94.9	95.29	pyrite	2.0	fine	BLEBBY	Hosted in quartz.
DR11004	94.9	95.29	pyrrhotite	1.0	fine	BLEBBY	Hosted in quartz.
DR11004	95.29	95.52	pyrrhotite	70.0	fine	MASSIVE	

Hole Number	From (m)	To (m)	Mineralization	Percentage (%)	Grain Size	Mineralization Style	Notes
DR11004	95.29	95.52	pyrite	5.0	fine	BLEBBY	
DR11004	95.29	95.52	chalcopyrite	0.5	fine	DISSEMINATED	
DR11004	95.52	96.26	pyrrhotite	30.0	fine	SEMIMASSIVE	
DR11004	95.52	96.26	pyrite	3.0	fine	BLEBBY	
DR11004	95.52	96.26	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	100.75	103	pyrite	0.5	fine	DISSEMINATED	Greyish hue in fractures. Could be an arsenic substitution (arsenian pyrite).
DR11004	100.75	103	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	103	104.4	pyrite	0.5	fine	nODOULAR	Occurs in sheared quartz rich unit in breccia. Not so much in bitotite protolith.
DR11004	105.27	112	pyrite	0.5	fine	DISSEMINATED	Fracture fill.
DR11004	112	112.8	pyrite	0.5	fine	BLEBBY	
DR11004	112.77	114.3	pyrite	0.5	fine	FRACTURES	
DR11004	114.3	122.3	pyrrhotite	0.5	fine	DISSEMINATED	Interstitial.
DR11004	122.3	124.3	pyrite	1.0	fine	FRACTURES	Some fractures.
DR11004	122.3	124.3	pyrrhotite	0.5	fine	DISSEMINATED	
DR11004	125.85	128.3	pyrrhotite	0.5	fine	DISSEMINATED	
DR11004	125.85	128.3	pyrite	0.2	fine	DISSEMINATED	
DR11004	125.85	128.3	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	128.5	133.8	pyrite	0.5	fine	FRACTURES	Fracture fill.
DR11004	133.8	137.9	pyrite	0.1	fine	DISSEMINATED	
DR11004	137.92	145	pyrrhotite	0.5	fine	VEINED	Disseminated.
DR11004	137.92	145	pyrite	0.1	fine	DISSEMINATED	
DR11004	145	146.1	pyrite	5.0	fine	BLEBBY	
DR11004	145	146.1	chalcopyrite	0.1	fine	DISSEMINATED	
DR11004	146.1	158.2	pyrite	0.5	fine	FRACTURES	Blebbly in veins.
DR11005	11.3	14	pyrrhotite	1.0	fine	FRACTURES	
DR11005	14	16.78	pyrite	0.5	fine	DISSEMINATED	
DR11005	14	16.78	pyrrhotite	0.5	fine	DISSEMINATED	
DR11005	11.3	14	pyrite	0.5	fine	FRACTURES	
DR11005	16.78	21.55	pyrrhotite	2.0	fine	FRACTURES	
DR11005	16.78	21.55	pyrite	1.0	fine	DISSEMINATED	
DR11005	21.55	22	pyrrhotite	10.0	fine	BLEBBY	
DR11005	21.55	22	chalcopyrite	0.1	fine	DISSEMINATED	
DR11005	22	22.93	pyrrhotite	2.0	fine	DISSEMINATED	
DR11005	22	22.93	chalcopyrite	0.1	fine	DISSEMINATED	
DR11005	24.57	35	pyrrhotite	0.5	fine	FRACTURES	
DR11005	24.57	35	pyrite	0.2	fine	DISSEMINATED	
DR11005	35	40	pyrrhotite	0.2	fine	DISSEMINATED	
DR11005	40	42.76	pyrrhotite	5.0	fine	BLEBBY	
DR11005	40	42.76	pyrite	1.0	fine	DISSEMINATED	

Hole Number	From (m)	To (m)	Mineralization	Percentage (%)	Grain Size	Mineralization Style	Notes
DR11005	42.76	45.14	pyrrhotite	0.5	fine	DISSEMINATED	
DR11005	42.76	45.14	pyrite	0.5	fine	DISSEMINATED	
DR11005	45.14	47.91	pyrrhotite	3.0	fine	BLEBBY	
DR11005	45.14	47.91	chalcopyrite	0.2	fine	DISSEMINATED	
DR11005	47.91	49.13	pyrrhotite	15.0	fine	VEINED	Blebby.
DR11005	47.91	49.13	chalcopyrite	0.1	fine	DISSEMINATED	
DR11005	49.13	58.83	pyrrhotite	0.5	fine	BLEBBY	
DR11005	49.13	58.83	Pyrite	0.2	fine	BLEBBY	
DR11005	58.83	59.58	pyrrhotite	3.0	fine	BLEBBY	Fractures.
DR11005	58.83	59.58	pyrite	0.5	fine	DISSEMINATED	
DR11005	59.58	62.48	pyrite	0.1	fine	DISSEMINATED	
DR11005	62.48	63.1	pyrrhotite	1.0	fine	BLEBBY	
DR11005	62.48	63.1	pyrite	0.2	fine	DISSEMINATED	
DR11005	63.1	63.54	pyrrhotite	3.5	fine	BLEBBY	
DR11005	63.1	63.54	pyrite	0.5	fine	DISSEMINATED	
DR11005	64.5	71.87	pyrrhotite	0.5	fine	DISSEMINATED	More concentrated in some areas than others.
DR11005	64.5	71.87	pyrite	0.2	fine	DISSEMINATED	
DR11005	71.87	72.57	pyrrhotite	0.2	fine	DISSEMINATED	
DR11005	72.57	91.13	pyrrhotite	0.5	fine	DISSEMINATED	
DR11005	72.57	91.13	pyrite	0.1	fine	DISSEMINATED	
DR11005	91.35	92.25	pyrrhotite	1.0	fine	BLEBBY	
DR11005	91.35	92.25	pyrite	0.2	fine	DISSEMINATED	
DR11005	92.25	92.45	pyrrhotite	30.0	fine	BLEBBY	
DR11005	93.3	95	pyrrhotite	0.5	fine	DISSEMINATED	
DR11005	97.23	102.9	pyrrhotite	0.5	fine	DISSEMINATED	
DR11005	103.32	104.2	pyrrhotite	0.1	fine	DISSEMINATED	
DR11005	104.2	110.3	pyrite	2.0	fine	VEINED	Some parts very oxidized some less.
DR11005	104.2	110.3	chalcopyrite	0.1	fine	DISSEMINATED	
DR11005	110.26	115.5	pyrite	1.0	fine	FRACTURES	Blebby in veins.
DR11005	110.26	115.5	chalcopyrite	0.1	fine	DISSEMINATED	
DR11006	12.19	17.54	pyrrhotite	0.5	fine	DISSEMINATED	
DR11006	12.19	17.54	pyrite	0.1	fine	DISSEMINATED	
DR11006	17.54	21.7	pyrrhotite	30.0	fine	BLEBBY	
DR11006	21.7	22.36	pyrrhotite	15.0	fine	BLEBBY	
DR11006	21.7	22.36	pyrite	3.0	fine	BLEBBY	
DR11006	22.36	52.38	pyrrhotite	1.0	fine	BLEBBY	Quartz veins - disseminated throughout.
DR11006	22.36	52.38	pyrite	0.2	fine	DISSEMINATED	throughout
DR11006	58	59.8	pyrrhotite	0.5	fine	BLEBBY	
DR11006	79.53	83.75	pyrite	0.5	fine	FRACTURES	

Hole Number	From (m)	To (m)	Mineralization	Percentage (%)	Grain Size	Mineralization Style	Notes
DR11006	90.51	100.6	pyrite	0.5	fine	FRACTURES	Disseminated in veins.

Hole Number	From (m)	To (m)	Mineralogy	Relative Abundance	Mineralogy	Relative Abundance	Mineralogy	Relative Abundance	Notes
DR11002	19.59	27.39	DIOPSIDE	4	BIOTITE	3			Primary bedding visible where pure carbonates have altered to diopside and clay bearing strat layers have altered to bitotite.
DR11002	28.16	31.09	DIOPSIDE	4	BIOTITE	3			Primary bedding visible where pure carbonates have altered to diopside and clay bearing strat layers have altered to bitotite.
DR11002	32.35	33.32	DIOPSIDE	4	GARNET	1			Garnet growth around original marble clasts (metamorphosed carbonate?).
DR11003	11.5	13.53	DIOPSIDE	5					Mainly Diopside, no visible mineralization. Some black Chlorite? Has been crosscut by the regional fracture fabric.
DR11003	13.53	19.16	DIOPSIDE	4	GARNET	2	ACTINOLITE	1	There is the appearance of black (diopside?) as well as actinolite. Whether this be from a change in protolith chemistry or not is unknown. It coincides with the beginning of mineralization.
DR11003	22	26.36	BIOTITE	3	DIOPSIDE	3			The degree of skarnification varies as we go along the shear zone. The stockwork veining has altered to diopside, as well as at times up to 50% of the whole rock.
DR11003	29.79	32.05	DIOPSIDE	3	BIOTITE	2	ACTINOLITE	1	
DR11003	32.05	32.65	DIOPSIDE	5					
DR11003	32.65	33.22	DIOPSIDE	3	BIOTITE	2			
DR11003	50.6	55.35	DIOPSIDE	3	ACTINOLITE	1			
DR11003	55.35	58.5	DIOPSIDE	4					
DR11004	8.83	18.13	DIOPSIDE	2	ACTINOLITE	1			
DR11004	18.13	29.95	DIOPSIDE	4	GARNET	3	ACTINOLITE	1	Garnet porphyroblasts formed first and are being retrograded (eaten) by what looks to be a later phase of skarnification. Diopside and actinolite forming around(in place of) the garnet porphyroblasts
DR11004	29.95	30.1	DIOPSIDE	2					
DR11004	30.1	31.57	DIOPSIDE	3					
DR11004	31.57	35	DIOPSIDE	2					
DR11004	35	36.37	DIOPSIDE	3	ACTINOLITE	3			
DR11004	36.37	42.75	ACTINOLITE	3	DIOPSIDE	2			
DR11004	42.75	44.5	DIOPSIDE	1	ACTINOLITE	1			
DR11004	44.51	78.24	DIOPSIDE	4	ACTINOLITE	2	GARNET	2	This whole interval can vary from up to 50% garnet to 0% in areas. The actinolite is usually associated with veins in the breccia protolith clasts. It can vary from 0% to up to 15%.
DR11004	78.24	88	DIOPSIDE	5					
DR11004	88	96.26	DIOPSIDE	4	GARNET	2	ACTINOLITE	1	Epidote may also be present. (limish green colour).
DR11005	16.78	21.55	DIOPSIDE	1					Found in interbedded Cacl Silicate along with increase mineralization.
DR11005	21.55	22	DIOPSIDE	3					
DR11005	22	22.89	DIOPSIDE	2					
DR11005	22.89	31	DIOPSIDE	1	ACTINOLITE	1			Patchy skarning diopside usually in Calc Silicate, Actinolite found in some fractures.
DR11005	35	38	ACTINOLITE	2					
DR11005	38	42.76	DIOPSIDE	4	ACTINOLITE	1			
DR11005	42.76	45.15	ACTINOLITE	2					
DR11005	45.15	47.14	DIOPSIDE	4	GARNET	1	ACTINOLITE	1	
DR11005	47.14	47.92	ACTINOLITE	1					
DR11005	49.13	58.83	ACTINOLITE	2					
DR11005	58.83	59.5	DIOPSIDE	4	GARNET	2			
DR11005	59.5	62.48	ACTINOLITE	1					
DR11005	62.48	63.1	DIOPSIDE	2	ACTINOLITE	2			
DR11005	63.1	63.64	DIOPSIDE	3	ACTINOLITE				

DR11005	63.64	65.25	ACTINOLITE	1					
DR11005	65.25	70.66	ACTINOLITE	1					Blebbly after silicification.
DR11005	92	92.45	DIOPSIDE	3					
DR11006	17.54	21.7	DIOPSIDE	4					

Hole Number	Depth (m)	Structure	Angle to Core Axis	Width of Structure (cm)	Notes
DR11001	36.47	veinlet	50		Graphitic.
DR11001	36.73	shear plane	40	1.0	Dark grey gouge; no kinematic indicators; does not react to HCL
DR11001	42.2	veinlet	55		Many occur of similar orientation 5/m.
DR11001	77.25	veinlet	150		Associated pyrite.
DR11001	78.65	veinlet	150		Graphitic.
DR11001	79.85	vein	18		Quartz vein hosting pyrrhotite.
DR11001	79.95	veinlet	135		Carbonate.
DR11001	81.49	veinlet	58		Quartz vein hosting pyrite.
DR11001	81.9	veinlet	15		Hairline fracture infilled. Pervasive at similar orientation until 118.87m.
DR11002	0	slickenside	20		Slicken with smeared pyrite.
DR11002	23.9	veinlet	14		Occurs more than once at similar orientation.
DR11002	36.38	veinlet	20		Occurs again at similar orientations.
DR11002	54.13	veinlet	50		Pyrite filled.
DR11003	10.37	fracture	25	0.5	
DR11003	15.3	vein	75	40.0	
DR11003	20	veinlet	28	2.0	
DR11003	23	fracture	24	0.5	
DR11003	26.9	veinlet	55	2.0	
DR11003	33.65	shear plane	55	0.5	Coincides with breccia fragment elongation.
DR11003	37.43	vein	23	40.0	Alteration halo.
DR11003	41.8	vein	20	50.0	Quartz Vein.
DR11003	47.5	veinlet	26	1.0	Pyrite filled veinlet.
DR11003	51.57	vein	9	0.5	Actinolite and pyrite vein.
DR11003	52.25	compositional layering	50	35.0	BT and Diopside compositional banding.
DR11003	56.18	shear plane	50	30.0	
DR11003	59.33	fracture	40	0.5	Pyrite filled fracture hosted in quartz vein.
DR11004	30.24	veinlet	43	1.0	Smiliar structur runs through region.
DR11004	36.35	fracture	22	10.0	Actinolite Breccia matrix.
DR11004	36.5	veinlet	28	2.0	Calcite.
DR11004	36.55	veinlet	150	2.0	Calcite, Conjugate set to previous veinlet.
DR11004	36.8	veinlet	52		Calcite.
DR11004	39.15	vein	60		Quartz.
DR11004	56.25	veinlet	166	1.0	Quartz + Calcite.
DR11004	56.38	vein	50	10.0	Quartz + Garnet.
DR11004	56.55	fracture	63	1.0	Pyrrhotite filled.
DR11004	57.1	veinlet	72	10.0	Quartz + Garnet.
DR11004	60	veinlet	44	2.0	Pyrrhotite.
DR11004	60.16	vein	356	20.0	Quartz Calcite.
DR11004	60.4	veinlet	45	2.0	Pyrrhotite.
DR11004	60.8	fracture	166	1.0	Calcite, Pyrrhotite infilled.
DR11004	61.3	veinlet	76	2.0	Pyrrhotite.
DR11004	61.75	veinlet	62	2.0	Pyrrhotite.
DR11004	81.51	vein	25	50.0	Calcite.
DR11004	81.85	fracture	52	1.0	Pyrite.
DR11004	82	veinlet	57	2.0	Pyrite.
DR11004	85.09	fracture	42	1.0	
DR11004	85.19	vein	30	5.0	Quartz.
DR11004	121.21	veinlet	32	2.0	Quartz.
DR11004	121.33	banding	28	40.0	Biotite.
DR11004	127.07	vein	33		Quartz.
DR11004	127.67	fracture	44		Pyrite.
DR11004	133.7	fracture	30	1.0	Pyrite.
DR11004	134.04	fracture	31	1.0	Pyrite.
DR11004	134.2	banding	25	10.0	Calc-silicate compositional banding.
DR11004	134.36	fracture	64	1.0	Alteration infilled.
DR11004	138.92	fracture	35	3.0	Vuggy fracture.
DR11004	148.66	vein	20	10.0	Quartz.
DR11004	148.88	vein	42	45.0	Quartz.
DR11004	157.58	veinlet	21	2.0	Quartz.
DR11004	157.88	veinlet	29	1.0	Pyrite.
DR11005	45.16	veinlet	46	2.0	Actinolite.
DR11005	45.65	banding	44	25.0	Garnet/Diopside.
DR11005	45.77	veinlet	36	0.5	Pyrite.
DR11005	51.03	veinlet	56	1.0	Actinolite with quartz halo.
DR11005	51.23	conjugate fracture	37	0.5	
DR11005	51.24	conjugate fracture	34	0.5	
DR11005	51.44	vein	29	10.0	Quartz, Blebby Pyrrhotite.
DR11005	57.11	banding	52	10.0	Actinolite.
DR11005	57.2	conjugate fracture	41	0.5	
DR11005	57.36	conjugate fracture	56	0.5	
DR11005	57.56	vein	36	15.0	Biotite Sericite.
DR11005	66.5	banding	60	25.0	

Hole Number	Depth (m)	Structure	Angle to Core Axis	Width of Structure (cm)	Notes
DR11005	66.71	veinn	55	5.0	Actinolite/Pyrrhotite.
DR11005	66.74	vein	30	10.0	Actinolite/Pyrrhotite.
DR11005	72.66	vein	44	550.0	Quartz Vein (recurses over an interval).
DR11005	78.89	fracture	63	1.0	
DR11005	78.92	fracture	57	1.0	
DR11005	85.5	shear plane	27	3.0	Oxidized sulphides.
DR11005	103.2	shear plane	62	30.0	Banding of grey matrix.
DR11005	103.42	fracture	43	1.0	
DR11005	103.47	fracture	55	1.0	
DR11006	54.32	veinlet	26	1.0	Quartz.
DR11006	54.33	veinlet	19	1.0	Quartz.
DR11006	54.73	fracture	34	0.5	
DR11006	84.28	fracture	33	0.5	
DR11006	84.3	fracture	30	0.5	
DR11006	91.14	fracture	54	0.5	
DR11006	91.42	fracture	44	0.5	
DR11006	92.09	vein	49	10.0	Porphyry.
DR11006	100.04	fracture	26		
DR11006	100.35	veinlet	43		
DR11006	100.44	veinlet	60		

Hole Number	From(m)	To(m)	Density(#/m)	Width(cm)	Angle to Core Axis	Colour	Grain Size	Texture	Mineralogy	Alteration	Note
DR11001	66.65	71.4	7	1.5		white	fine	MASSIVE	Quartz		
DR11001	77.68	80.4	12	1.5		white	fine	MASSIVE	Quartz		
DR11001	105.85	108.67	1	2		green	fine	MASSIVE	Actinolite		
DR11001	101.13	118.87	1	0.5		white	fine	MASSIVE	Quartz	Sericite	Alteration forming around quartz veins. Also some pink carbonate forming (Rhodochrosite).
DR11002	31.09	32.35	4	2		white	fine	FRACTURE FILL	Quartz		Offset by fractures.
DR11002	23.05	29	10	1		white	fine	FRACTURE FILL	Quartz		Found in skarn unit.
DR11002	14	18.04	8	0.5		white	fine	FRACTURE FILL	Quartz		Found in skarn unit.
DR11002	38.59	41	2	55		white	fine	MASSIVE	Quartz		Contain blebby pyrite (5%).
DR11002	53.2	54.3	5	5		white	fine	MASSIVE	Quartz		
DR11003	26.36	30.74	10	2		white	fine	FRACTURE FILL	Quartz		
DR11003	20	26.35	20	1		white	fine	STOCKWORK	Quartz		Veins have been nearly destroyed by shearing.
DR11003	46.64	49	9	10		white	fine	MASSIVE	Quartz		
DR11003	58.5	62.75	11	150	42	white	fine	MASSIVE	Quartz		
DR11004	8.83	18.13	10	1		green	fine	FRACTURE FILL	Actinolite		Some veins have been replaces with sulphides.
DR11004	34	35	1	55		white	fine	DRUSY	Quartz		
DR11004	35	44.51	13	3		green	fine	STOCKWORK	Quartz	Actinolite	Veins are green and at times have quartz alteration halos around them. Vugged and or drusy quartz in areas.
DR11004	78.24	82.6	5	5		bronze	fine	MASSIVE	Pyrrhotite		
DR11004	146.1	158.19	3	20		white	fine	MASSIVE	Quartz		
DR11005	42.76	45.14	10	2	58	white	fine	FRACTURE FILL	Quartz	Silica	Actinolite tends to host more mineralization.
DR11005	35	38	10	2	40	green	fine	FRACTURE FILL	Quartz	Silica	Actinolite tends to host more mineralization.
DR11005	49.13	57.6	10	2	44	green	fine	FRACTURE FILL	Actinolite	Silica	Some alteration halos around actinolite (qtz), Actinolite hosts more mineralization.
DR11005	71.87	92	3	50		grey	fine	MASSIVE	Quartz		Hosts most mineralization in this zone.
DR11006	23.35	32	2	2.5		white	fine	MASSIVE	Quartz		Hosts most of pyrrhotite.
DR11006	90.51	92.12	4	3		white	medium	MASSIVE	Quartz		It is the porphyry assemblage.

Client: Olympic Resources Ltd.				Project: Dragon Lake				Start Date: 7/5/2011							Finish Date: 7/7/2011				
Hole Number: DR11001				Hole Length :118.87				Hole Azimuth: 315 deg							Hole Inclination: - 45 deg				
Geologist: Mike McCuaig				Core Size: NQ				Drill Type: Diamond							Apex Diamond Drilling Ltd.				
Easting: 370102				Northing: 6943930				Elevation: 905 m							Nad83 Zone 9 N				
Depth At	Recovery (%)	Rock Type	DDH Skarn	Alt 1 Degree	Alt 2 Degree	Sub Class	Au g/t	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Bi_ppm	W_ppm	Mo_ppm	Fe_%	S_%	Sample Number	Elevation
10.0		Overburden																	897.7
		Porphyry																	
20.0		Quartzite																	890.4
		Carbonate																	
		Carbonate																	
		Carbonate																	
30.0		Carbonate																	883.0
		Carbonate																	
40.0		Porphyry																	875.7
		Carbonate																	
50.0		Carbonate																	868.4
		Carbonate																	
60.0		Carbonate																	861.0
		Carbonate																	
70.0		Carbonate																	853.7
		Carbonate																	
80.0		Carbonate																	846.3
		Carbonate																	
90.0		Carbonate																	839.0
		Carbonate																	
100.0		Calc-silicate																	831.6
		Calc-silicate																	
110.0		Calc-silicate																	824.3
		Calc-silicate																	
120.0		Calc-silicate																	816.9
Scale 1:750						10/26/11							15:44:57						

Client: Olympic Resources Ltd.				Project: Dragon Lake				Start Date: 7/7/2011							Finish Date: 7/8/2011						
Hole Number: DR11002				Hole Length :54.30				Hole Azimuth: 315 deg							Hole Inclination: - 60 deg						
Geologist: Mike McCuaig				Core Size: NQ				Drill Type: Diamond							Apex Diamond Drilling Ltd.						
Easting: 370102				Northing: 6943930				Elevation: 905 m							Nad83 Zone 9 N						
Depth At	Recovery (%)	Rock Type	DDH Skarn	Alt 1 Degree	Alt 2 Degree	Sub Class	Au g/t	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Bi_ppm	W_ppm	Mo_ppm	Fe_%	S_%	Sample Number	Elevation		
10.0		Overburden																		896.3	
		Carbonate																	DR11002-001		
		Carbonate																	DR11002-002		
																			DR11002-003		
																			DR11002-004		
																			DR11002-005		
																			DR11002-006		
																			DR11002-007		
																			DR11002-008		
																			DR11002-009		
20.0		Carbonate		3																887.7	
		Carbonate		2																	DR11002-010
		Carbonate																	DR11002-011		
		Carbonate																	DR11002-012		
		Carbonate																	DR11002-013		
		Carbonate																	DR11002-014		
		Carbonate																	DR11002-015		
		Carbonate																	DR11002-016		
		Carbonate																	DR11002-017		
		Carbonate																	DR11002-018		
30.0		Carbonate		3																879.0	
		Carbonate		1																	DR11002-019
		Carbonate																			DR11002-020
		Carbonate																			DR11002-021
		Carbonate		1																	DR11002-022
		Carbonate																			DR11002-023
		Carbonate																			DR11002-024
		Carbonate																			DR11002-025
		Carbonate		3																	DR11002-026
		Carbonate																			DR11002-027
40.0		Carbonate		3																870.3	
		Carbonate		2																	DR11002-028
		Carbonate		4																	DR11002-029
		Carbonate		2																	DR11002-030
		Carbonate		4																	DR11002-031
		Carbonate																			DR11002-032
		Carbonate																			DR11002-033
		Carbonate																			DR11002-034
		Carbonate																			DR11002-035
		Carbonate																			DR11002-036
50.0		Porphyry		4																861.7	
		Porphyry		3																	DR11002-037
		Porphyry		2																	DR11002-038
		Porphyry		4																	DR11002-039
		Porphyry																			DR11002-040
		Porphyry		3																	DR11002-041
		Porphyry		2																	DR11002-042
		Porphyry		1																	DR11002-043
		Porphyry		4																	DR11002-044
		Porphyry		3																	DR11002-045
																		DR11002-046			
Scale 1:350					10/26/11								15:37:54								

Client: Olympic Resources Ltd.				Project: Dragon Lake				Start Date: 7/8/2011							Finish Date: 7/8/2011				
Hole Number: DR11003				Hole Length :64.08				Hole Azimuth: 315 deg							Hole Inclination: - 90 deg				
Geologist: Mike McCuaig				Core Size: NQ				Drill Type: Diamond							Apex Diamond Drilling Ltd.				
Easting: 370102				Northing: 6943930				Elevation: 905 m							Nad83 Zone 9 N				
Depth At	Recovery (%)	Rock Type	DDH Skarn	Alt 1 Degree	Alt 2 Degree	Sub Class	Au g/t	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Bi_ppm	W_ppm	Mo_ppm	Fe_%	S_%	Sample Number	Elevation
10.0		Overburden																	895.0
		Quartz Aernite Grit																DR11003-001	
																		DR11003-002	
																		DR11003-003	
20.0		Carbonate																	885.0
																		DR11003-004	
																		DR11003-005	
																		DR11003-006	
30.0		Carbonate																	875.0
																		DR11003-007	
																		DR11003-008	
																		DR11003-009	
40.0		Carbonate																	865.0
																		DR11003-010	
																		DR11003-011	
																		DR11003-012	
50.0		Carbonate																	855.0
																		DR11003-013	
																		DR11003-014	
																		DR11003-015	
60.0		Carbonate																	845.0
																		DR11003-016	
																		DR11003-017	
																		DR11003-018	
		Carbonate																	845.0
																		DR11003-019	
																		DR11003-020	
																		DR11003-021	
		Carbonate																	845.0
																		DR11003-022	
																		DR11003-023	
																		DR11003-024	
		Carbonate																	845.0
																		DR11003-025	
																		DR11003-026	
																		DR11003-027	
		Carbonate																	845.0
																		DR11003-028	
																		DR11003-029	
																		DR11003-030	
		Carbonate																	845.0
																		DR11003-031	
																		DR11003-032	
																		DR11003-033	
		Carbonate																	845.0
																		DR11003-034	
																		DR11003-035	
																		DR11003-036	
		Carbonate																	845.0
																		DR11003-037	
																		DR11003-038	
																		DR11003-039	
		Carbonate																	845.0
																		DR11003-040	
																		DR11003-041	
																		DR11003-042	
		Carbonate																	845.0
																		DR11003-043	
																		DR11003-044	
																		DR11003-045	
		Carbonate																	845.0
																		DR11003-046	
																		DR11003-047	
																		DR11003-048	
		Carbonate																	845.0
																		DR11003-049	
																		DR11003-050	
																		DR11003-051	
		Carbonate																	845.0
																		DR11003-052	
																		DR11003-053	
																		DR11003-054	
		Carbonate																	845.0
																		DR11003-055	
																		DR11003-056	
																		DR11003-057	
		Carbonate																	845.0
																		DR11003-058	
																		DR11003-059	
																		DR11003-060	
		Carbonate																	845.0
																		DR11003-061	
																		DR11003-062	
																		DR11003-063	
		Carbonate																	845.0
																		DR11003-064	
Scale 1:400						10/26/11								15:43:56					

Client: Olympic Resources Ltd.				Project: Dragon Lake				Start Date: 7/9/2011							Finish Date: 7/11/2011				
Hole Number: DR11004				Hole Length :158.19				Hole Azimuth: 315 deg							Hole Inclination: - 47 deg				
Geologist: Mike McCuaig				Core Size: NQ				Drill Type: Diamond							Apex Diamond Drilling Ltd.				
Easting: 370160				Northing: 6944000				Elevation: 920 m							Nad83 Zone 9 N				
Depth At	Recovery (%)	Rock Type	DDH Skarn	Alt 1 Degree	Alt 2 Degree	Sub Class	Au g/t	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Bi_ppm	W_ppm	Mo_ppm	Fe_%	S_%	Sample Number	Elevation
-25.0		Quartz Aernite Grit		4														DR11004-001	901.7
		Carbonate																DR11004-002	
		Calc-silicate		3														DR11004-003	
		Calc-silicate		3														DR11004-004	
-50.0				3														DR11004-005	883.4
				3														DR11004-006	
				3														DR11004-007	
				3														DR11004-008	
-75.0		Calc-silicate		2														DR11004-009	865.1
				3														DR11004-010	
				2														DR11004-011	
				1														DR11004-012	
-100.0				1														DR11004-013	846.9
				1														DR11004-014	
				3														DR11004-015	
		Porphyry		3														DR11004-016	
-125.0		Calc-silicate		3														DR11004-017	828.6
		Porphyry																DR11004-018	
		Calc-silicate		2														DR11004-019	
		Quartz Aernite Grit		2														DR11004-020	
-150.0		Calc-silicate		3														DR11004-021	810.3
		Quartz Aernite Grit		2														DR11004-022	
		Calc-silicate		3														DR11004-023	
		Porphyry		2	1													DR11004-024	
-175.0																		DR11004-025	792.0
																		DR11004-026	
																		DR11004-027	
																		DR11004-028	
Scale 1:1000						10/26/11							15:47:29						

Client: Olympic Resources Ltd.				Project: Dragon Lake				Start Date: 7/11/2011							Finish Date: 7/13/2011				
Hole Number: DR11005				Hole Length :115.51				Hole Azimuth: 275 deg							Hole Inclination: - 45 deg				
Geologist: Mike McCuaig				Core Size: NQ				Drill Type: Diamond							Apex Diamond Drilling Ltd.				
Easting: 370160				Northing: 6944000				Elevation: 920 m							Nad83 Zone 9 N				
Depth At	Recovery (%)	Rock Type	DDH Skarn	Alt 1 Degree	Alt 2 Degree	Sub Class	Au g/t	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Bi_ppm	W_ppm	Mo_ppm	Fe_%	S_%	Sample Number	Elevation
-10.0		Overburden																	912.8
		Quartz Aernite Grit		4	1													DR11005-001	
		Calc-silicate		2														DR11005-002	
-20.0		Quartz Aernite Grit		3	1													DR11005-003	905.6
		Calc-silicate		1	1													DR11005-004	
-30.0		Quartz Aernite Grit		3	1													DR11005-005	
		Quartz Aernite Grit		2														DR11005-006	
-40.0		Calc-silicate		3														DR11005-007	898.4
		Quartz Aernite Grit		3														DR11005-008	
-50.0		Quartz Aernite Grit		3														DR11005-009	
		Calc-silicate		3														DR11005-010	891.2
-60.0		Calc-silicate		3														DR11005-011	
		Quartz Aernite Grit		3														DR11005-012	884.0
-70.0		Calc-silicate		2	1													DR11005-013	
		Quartz Aernite Grit		4														DR11005-014	
-80.0		Porphyry		3														DR11005-015	876.7
		Porphyry		3														DR11005-016	
-90.0		Porphyry		3														DR11005-017	
		Calc-silicate		3	1													DR11005-018	869.5
-100.0		Calc-silicate		2	1													DR11005-019	
		Porphyry		3														DR11005-020	862.2
-110.0		Calc-silicate		2														DR11005-021	
-120.0																		DR11005-022	855.0
																		DR11005-023	
																		DR11005-024	847.7
																		DR11005-025	
																		DR11005-026	
																		DR11005-027	
																		DR11005-028	
																		DR11005-029	
																		DR11005-030	
																		DR11005-031	
																		DR11005-032	
																		DR11005-033	
																		DR11005-034	
																		DR11005-035	
																		DR11005-036	
																		DR11005-037	
																		DR11005-038	
																		DR11005-039	
																		DR11005-040	
																		DR11005-041	
																		DR11005-042	
																		DR11005-043	
																		DR11005-044	
																		DR11005-045	
																		DR11005-046	
																		DR11005-047	
																		DR11005-048	
																		DR11005-049	
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																		DR11005-103	
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																		DR11005-107	
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																		DR11005-112	
																		DR11005-113	
																		DR11005-114	
																		DR11005-115	
																		DR11005-116	
																		DR11005-117	
																		DR11005-118	
																		DR11005-119	
																		DR11005-120	
																		DR11005-121	

Client: Olympic Resources Ltd.				Project: Dragon Lake				Start Date: 7/13/2011							Finish Date: 7/14/2011				
Hole Number: DR11006				Hole Length :100.58				Hole Azimuth: 155 deg							Hole Inclination: - 45 deg				
Geologist: Mike McCuaig				Core Size: NQ				Drill Type: Diamond							Apex Diamond Drilling Ltd.				
Easting: 369945				Northing: 6944186				Elevation: 900 m							Nad83 Zone 9 N				
Depth At	Recovery (%)	Rock Type	DDH Skarn	Alt 1 Degree	Alt 2 Degree	Sub Class	Au g/t	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Bi_ppm	W_ppm	Mo_ppm	Fe_%	S_%	Sample Number	Elevation
-10.0		Overburden																DR11006-362	892.9
				2														DR11006-363	
-20.0		Calc-silicate																DR11006-364	885.9
				3														DR11006-365	
				3														DR11006-366	
				3														DR11006-367	
-30.0		Porphyry																DR11006-368	878.8
				2														DR11006-369	
				2														DR11006-370	
				2														DR11006-371	
-40.0		Porphyry																DR11006-372	871.8
				1														DR11006-373	
				3														DR11006-374	
				4														DR11006-375	
-50.0		Calc-silicate																DR11006-376	864.8
		Quartz Aenite Grit		2														DR11006-377	
		Calc-silicate																DR11006-378	
		Porphyry																DR11006-379	
-70.0		Calc-silicate																DR11006-380	850.8
																		DR11006-381	
																		DR11006-382	
																		DR11006-383	
-80.0		Porphyry																DR11006-384	843.9
				1														DR11006-385	
																		DR11006-386	
																		DR11006-387	
-90.0		Calc-silicate																DR11006-388	836.9
																		DR11006-389	
																		DR11006-390	
																		DR11006-391	
-100.0		Calc-silicate		2														DR11006-392	830.0
																		DR11006-393	
-110.0																		DR11006-394	823.0
																		DR11006-395	
-120.0																		DR11006-396	816.1
																		DR11006-397	
Scale 1:750						10/26/11							15:51:13						

Dragon Lake Legends			
Legend - DR - Lithology		Legend - Global - Alteration Type	
	Calc-silicate		ALBITE
	Carbonate		ANKERITE
	Hornfels		ARGILLIC
	Limestone		BIOTITE
	Marble		BLEACHED
	Overburden		CALC SILICATE
	Phyllite		CALCITE
	Porphyry		CARBONATE
	Quartz Aernite Grit		CHLORITE
	Quartzite		CLAY
	Skarn		DOLOMITE
Globabl - Recovery %			EPIDOTE
	[0.0 , 70.0]		FE STAINING
	[70.0 , 90.0]		GARNET
	[90.0 , 105.0]		HEMATITE
	[105 , 10000]		KSPAR
Legend - Au g/t			LIMONITE
	[0 , 1]		MAGNETITE
	[1 , 2]		PYRITE
	[2 , 3]		PYROLUSITE
	[3 , 4]		PYROPHYLLITIC
	[4 , 5]		PYROXENE
	[5 , 6]		SERICITE
			SILICA
			TALC
			TOURMALINE
		Legend - Global - Breccia SubClass	
			Null
			Crackle
			Dissolution
			Mosaic
			Rubble
11/09/11		09:12:42	

Appendix 4.3 - Sampling Log

Wednesday, November 02, 2011

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11001	DR11001-001	18	19	1	0.95	SPLIT
DR11001	DR11001-002	19	20.3	1.3	0.75	SPLIT
DR11001	DR11001-003	20.3	21.5	1.2	1.11	SPLIT
DR11001	DR11001-004	21.5	22.45	0.95	0.87	SPLIT
DR11001	DR11001-005	22.45	23	0.55	0.32	SPLIT
DR11001	DR11001-006	23	23.45	0.45	0.42	SPLIT
DR11001	DR11001-007	23.45	24.35	0.900000000000000	0.74	SPLIT
DR11001	DR11001-008	24.35	25	0.65	0.57	SPLIT
DR11001	DR11001-009	25	26.2	1.2	1.02	SPLIT
DR11001	DR11001-010	26.2	26.45	0.25	0.25	SPLIT
DR11001	DR11001-011	26.45	27.15	0.7	0.47	SPLIT
DR11001	DR11001-012	27.15	27.27	0.120000000000000	0.12	SPLIT
DR11001	DR11001-013	27.27	28	0.73	0.65	SPLIT
DR11001	DR11001-014	28	29	1	0.98	SPLIT
DR11001	DR11001-015	29	30	1	0.77	SPLIT
DR11001	DR11001-016	30	31	1	0.94	SPLIT
DR11001	DR11001-017	31	32	1	1	SPLIT
DR11001	DR11001-018	32	33	1	0.63	SPLIT
DR11001	DR11001-019	33	33.5	0.5	0.5	SPLIT
DR11001	DR11001-020	33.5	35	1.5	0.29	SPLIT
DR11001	DR11001-021	35	36.09	1.09	1	SPLIT
DR11001	DR11001-022	36.09	37	0.910000000000000	0.98	SPLIT
DR11001	DR11001-023	37	38.09	1.09	0.79	SPLIT
DR11001	DR11001-024	38.09	39.21	1.12	1.05	SPLIT
DR11001	DR11001-025	39.21	40	0.79	0.68	SPLIT
DR11001	DR11001-026	40	41	1	1	SPLIT
DR11001	DR11001-027	41	41.7	0.700000000000000	0.36	SPLIT
DR11001	DR11001-028	41.7	43.3	1.6	1.53	SPLIT
DR11001	DR11001-029	43.3	44	0.700000000000000	0.7	SPLIT
DR11001	DR11001-030	44	45	1	0.84	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11001	DR11001-031	45	46	1	0.88	SPLIT
DR11001	DR11001-032	46	47	1	1	SPLIT
DR11001	DR11001-033	47	48	1	0.55	SPLIT
DR11001	DR11001-034	48	49	1	0.73	SPLIT
DR11001	DR11001-035	49	50	1	0.94	SPLIT
DR11001	DR11001-036	50	51	1	0.72	SPLIT
DR11001	DR11001-037	51	52	1	0.71	SPLIT
DR11001	DR11001-038	52	53	1	0.91	SPLIT
DR11001	DR11001-039	53	54	1	0.55	SPLIT
DR11001	DR11001-040	54	55	1	0.88	SPLIT
DR11001	DR11001-041	55	56	1	1	SPLIT
DR11001	DR11001-042	56	57	1	0.94	SPLIT
DR11001	DR11001-043	57	58	1	1	SPLIT
DR11001	DR11001-044	58	59	1	0.84	SPLIT
DR11001	DR11001-045	59	59.46	0.460000000000000	0.35	SPLIT
DR11001	DR11001-046	59.46	60	0.54	0.49	SPLIT
DR11001	DR11001-047	60	61	1	0.91	SPLIT
DR11001	DR11001-048	61	62	1	0.99	SPLIT
DR11001	DR11001-049	62	63	1	0.8	SPLIT
DR11001	DR11001-050	63	64	1	0.91	SPLIT
DR11001	DR11001-051	64	65	1	1	SPLIT
DR11001	DR11001-052	65	66	1	0.97	SAW
DR11001	DR11001-053	66	67	1	1	SAW
DR11001	DR11001-054	67	68	1	1	SAW
DR11001	DR11001-055	68	69	1	1	SAW
DR11001	DR11001-056	69	70	1	0.86	SPLIT
DR11001	DR11001-057	70	71	1	1	SPLIT
DR11001	DR11001-058	71	72	1	0.98	SPLIT
DR11001	DR11001-059	72	73	1	0.54	SPLIT
DR11001	DR11001-060	73	74	1	0.97	SPLIT
DR11001	DR11001-061	74	75	1	0.93	SPLIT
DR11001	DR11001-062	75	76	1	0.66	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11001	DR11001-063	76	77	1	0.73	SPLIT
DR11001	DR11001-064	77	78	1	0.85	SPLIT
DR11001	DR11001-065	78	79	1	0.97	SPLIT
DR11001	DR11001-066	79	80	1	1	SPLIT
DR11001	DR11001-067	80	81	1	0.94	SPLIT
DR11001	DR11001-068	81	82	1	0.94	SPLIT
DR11001	DR11001-069	82	82.54	0.54	0.53	SPLIT
DR11001	DR11001-070	82.54	83	0.46000000000000	0.52	SPLIT
DR11001	DR11001-071	83	84	1	0.97	SPLIT
DR11001	DR11001-072	84	85	1	0.98	SPLIT
DR11001	DR11001-073	85	86	1	1	SPLIT
DR11001	DR11001-074	86	87	1	1	SPLIT
DR11001	DR11001-075	87	88	1	0.97	SPLIT
DR11001	DR11001-076	88	89	1	0.96	SPLIT
DR11001	DR11001-077	89	90	1	0.95	SPLIT
DR11001	DR11001-078	90	91	1	0.85	SPLIT
DR11001	DR11001-079	91	92	1	0.96	SPLIT
DR11001	DR11001-080	92	93	1	0.98	SPLIT
DR11001	DR11001-081	93	94	1	0.96	SPLIT
DR11001	DR11001-082	94	95	1	0.99	SPLIT
DR11001	DR11001-083	95	96	1	1	SPLIT
DR11001	DR11001-084	96	97.8	1.8	1.67	SPLIT
DR11001	DR11001-085	97.8	98	0.20000000000000	0.2	SPLIT
DR11001	DR11001-086	98	99	1	1	SPLIT
DR11001	DR11001-087	99	100	1	0.98	SPLIT
DR11001	DR11001-088	100	101	1	0.92	SPLIT
DR11001	DR11001-089	101	102	1	0.99	SPLIT
DR11001	DR11001-090	102	103	1	1	SPLIT
DR11001	DR11001-091	103	104	1	1	SPLIT
DR11001	DR11001-092	104	105	1	0.98	SPLIT
DR11001	DR11001-093	105	106	1	0.92	SAW
DR11001	DR11001-094	106	107	1	1	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11001	DR11001-095	107	108	1	1	SPLIT
DR11001	DR11001-096	108	109	1	1	SPLIT
DR11001	DR11001-097	109	110	1	0.99	SPLIT
DR11001	DR11001-098	110	111	1	0.97	SPLIT
DR11001	DR11001-099	111	112	1	1	SPLIT
DR11001	DR11001-100	112	113	1	0.97	SPLIT
DR11001	DR11001-101	113	114	0.95		SPLIT
DR11001	DR11001-102	114	115	1	0.97	SPLIT
DR11001	DR11001-103	115	116	1	1	SPLIT
DR11001	DR11001-104	116	117	1	1	SPLIT
DR11001	DR11001-105	117	118.9	1.87	1.84	SPLIT
DR11002	DR11002-001	9	13.55	4.55	1.33	SPLIT
DR11002	DR11002-002	13.55	14	0.45	0.36	SPLIT
DR11002	DR11002-003	14	15	1	0.9	SPLIT
DR11002	DR11002-004	15	16	1	0.54	SPLIT
DR11002	DR11002-005	16	17	1	0.53	SPLIT
DR11002	DR11002-006	17	18	1	0.51	SPLIT
DR11002	DR11002-007	18	18.64	0.64	0.5	SPLIT
DR11002	DR11002-008	18.64	19.59	0.95	0.87	SPLIT
DR11002	DR11002-009	19.59	20	0.41	0.41	SPLIT
DR11002	DR11002-010	20	21	1	0.29	SPLIT
DR11002	DR11002-011	21	22	1	0.55	SPLIT
DR11002	DR11002-012	22	23	1	0.5	SPLIT
DR11002	DR11002-013	23	24	1	0.83	SPLIT
DR11002	DR11002-014	24	25	1	0.85	SPLIT
DR11002	DR11002-015	25	26	1	0.74	SPLIT
DR11002	DR11002-016	26	27	1	0.53	SPLIT
DR11002	DR11002-017	27	27.39	0.39	0.2	SPLIT
DR11002	DR11002-018	27.39	28.16	0.770000000000000	0.62	SPLIT
DR11002	DR11002-019	28.16	29	0.84	0.7	SPLIT
DR11002	DR11002-020	29	30	1	0.52	SPLIT
DR11002	DR11002-021	30	31.09	1.09	0.51	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11002	DR11002-022	31.09	32.35	1.26	0.86	SPLIT
DR11002	DR11002-023	32.35	33	0.65	0.82	SPLIT
DR11002	DR11002-024	33	33.32	0.32	0.3	SPLIT
DR11002	DR11002-025	33.32	34	0.68	0.62	SPLIT
DR11002	DR11002-026	34	35	1	0.55	SPLIT
DR11002	DR11002-027	35	35.61	0.61	0.47	SPLIT
DR11002	DR11002-028	35.61	36	0.39	0.33	SPLIT
DR11002	DR11002-029	36	37	1	1	SPLIT
DR11002	DR11002-030	37	38	1	0.9	SPLIT
DR11002	DR11002-031	38	39	1	1	SPLIT
DR11002	DR11002-032	39	40	1	0.89	SPLIT
DR11002	DR11002-033	40	41	1	0.94	SPLIT
DR11002	DR11002-034	41	42	1	0.78	SPLIT
DR11002	DR11002-035	42	43	1	0.96	SPLIT
DR11002	DR11002-036	43	44	1	0.98	SPLIT
DR11002	DR11002-037	44	45	1	0.93	SPLIT
DR11002	DR11002-038	45	46	1	0.58	SPLIT
DR11002	DR11002-039	46	47	1	0.84	SPLIT
DR11002	DR11002-040	47	48	1	0.88	SPLIT
DR11002	DR11002-041	48	49	1	0.94	SPLIT
DR11002	DR11002-042	49	50	1	1	SPLIT
DR11002	DR11002-043	50	51	1	0.86	SPLIT
DR11002	DR11002-044	51	52	1	0.62	SPLIT
DR11002	DR11002-045	52	53	1	0.92	SPLIT
DR11002	DR11002-046	53	54.3	1.3	1.18	SPLIT
DR11003	DR11003-001	8.16	9	0.84	0.75	SPLIT
DR11003	DR11003-002	9	10	1	0.74	SPLIT
DR11003	DR11003-003	10	11.09	1.09	0.69	SPLIT
DR11003	DR11003-004	11.09	11.22	0.13	0.12	SPLIT
DR11003	DR11003-005	11.22	11.5	0.28	0.27	SPLIT
DR11003	DR11003-006	11.5	12	0.5	0.31	SPLIT
DR11003	DR11003-007	12	13	1	0.79	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11003	DR11003-008	13	14	1	0.57	SPLIT
DR11003	DR11003-009	14	15	1	0.94	SPLIT
DR11003	DR11003-010	15	16	1	0.57	SPLIT
DR11003	DR11003-011	16	17	1	0.56	SPLIT
DR11003	DR11003-012	17	18	1	0.69	SPLIT
DR11003	DR11003-013	18	19	1	0.81	SPLIT
DR11003	DR11003-014	19	19.16	0.16	0.16	SPLIT
DR11003	DR11003-015	19.16	20	0.84	0.63	SPLIT
DR11003	DR11003-016	20	21	1	0.88	SPLIT
DR11003	DR11003-017	21	22	1	0.91	SPLIT
DR11003	DR11003-018	22	23	1	0.94	SPLIT
DR11003	DR11003-019	23	24	1	0.63	SPLIT
DR11003	DR11003-020	24	25	1	0.81	SPLIT
DR11003	DR11003-021	25	26	1	0.729	SPLIT
DR11003	DR11003-022	26	27	1	0.81	SPLIT
DR11003	DR11003-023	27	28	1	0.77	SPLIT
DR11003	DR11003-024	28	29	1	0.71	SPLIT
DR11003	DR11003-025	29	29.77	0.77	0.63	SPLIT
DR11003	DR11003-026	29.77	30	0.23	0.18	SPLIT
DR11003	DR11003-027	30	31	1	0.73	SPLIT
DR11003	DR11003-028	31	32.05	1.05	0.86	SPLIT
DR11003	DR11003-029	32.05	32.65	0.60000000000000	0.5	SPLIT
DR11003	DR11003-030	32.65	33.65	1	0.68	SPLIT
DR11003	DR11003-031	33.65	34.65	1	0.95	SPLIT
DR11003	DR11003-032	34.65	35.65	1	1	SPLIT
DR11003	DR11003-033	35.65	36.45	0.80000000000000	0.7	SPLIT
DR11003	DR11003-034	36.45	37	0.55	0.47	SPLIT
DR11003	DR11003-035	37	37.75	0.75	0.68	SPLIT
DR11003	DR11003-036	37.75	38.75	1	0.94	SPLIT
DR11003	DR11003-037	38.75	39	0.25	0.24	SPLIT
DR11003	DR11003-038	39	40	1	0.97	SPLIT
DR11003	DR11003-039	40	41	1	1	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11003	DR11003-040	41	42.08	1.08	1.8	SPLIT
DR11003	DR11003-041	42.08	42.28	0.20000000000000	0.19	SPLIT
DR11003	DR11003-042	42.28	43	0.72	0.63	SPLIT
DR11003	DR11003-043	43	44	1	0.91	SPLIT
DR11003	DR11003-044	44	45	1	0.83	SPLIT
DR11003	DR11003-045	45	46	1	0.96	SPLIT
DR11003	DR11003-046	46	47	1	0.91	SPLIT
DR11003	DR11003-047	47	48	1	0.97	SPLIT
DR11003	DR11003-048	48	49	1	0.79	SPLIT
DR11003	DR11003-049	49	49.46	0.46000000000000	0.34	SPLIT
DR11003	DR11003-050	49.46	50	0.54	0.5	SPLIT
DR11003	DR11003-051	50	51	1	0.97	SPLIT
DR11003	DR11003-052	51	52	1	0.97	SPLIT
DR11003	DR11003-053	52	53	1	1	SPLIT
DR11003	DR11003-054	53	54	1	1	SPLIT
DR11003	DR11003-055	54	55	1	0.94	SPLIT
DR11003	DR11003-056	55	56	1		SPLIT
DR11003	DR11003-057	56	57	1	0.87	SPLIT
DR11003	DR11003-058	57	58	1	0.83	SPLIT
DR11003	DR11003-059	58	58.5	0.5	0.45	SPLIT
DR11003	DR11003-060	58.5	59.5	1	0.82	SPLIT
DR11003	DR11003-061	59.5	60.5	1	0.82	SAW
DR11003	DR11003-062	60.5	61.5	1	0.92	SPLIT
DR11003	DR11003-063	61.5	62.5	1	0.97	SPLIT
DR11003	DR11003-064	62.5	63.7	1.2	1.01	SPLIT
DR11004	DR11004-155	156.9	158.2	1.29	1.22	SPLIT
DR11004	DR11004-154	156	156.9	0.90000000000000	0.88	SPLIT
DR11004	DR11004-153	155	156	1	0.9	SPLIT
DR11004	DR11004-152	154	155	1	0.9	SPLIT
DR11004	DR11004-151	153	154	1	0.87	SPLIT
DR11004	DR11004-150	152	153	1	0.85	SPLIT
DR11004	DR11004-149	151	152	1	1	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11004	DR11004-148	149.8	151	1.2	1.2	SPLIT
DR11004	DR11004-147	148	149.8	1.80000000000000	1.8	SPLIT
DR11004	DR11004-146	147.45	148	0.55000000000000	0.55	SPLIT
DR11004	DR11004-145	147	147.5	0.45	0.45	SPLIT
DR11004	DR11004-144	146.1	147	0.90000000000000	0.9	SPLIT
DR11004	DR11004-143	145	146.1	1.1	1.1	SPLIT
DR11004	DR11004-142	144	145	1	1	SPLIT
DR11004	DR11004-141	143.5	144	0.5	0.5	SPLIT
DR11004	DR11004-140	142.8	143.5	0.7	0.65	SPLIT
DR11004	DR11004-139	142	142.8	0.80000000000000	0.77	SPLIT
DR11004	DR11004-138	141	142	1	1	SPLIT
DR11004	DR11004-137	140	141	1	0.86	SPLIT
DR11004	DR11004-136	138.69	140	1.31	1.25	SPLIT
DR11004	DR11004-135	138	138.7	0.69	0.65	SPLIT
DR11004	DR11004-134	137	138	1	1	SPLIT
DR11004	DR11004-133	135.97	137	1.03	0.77	SPLIT
DR11004	DR11004-132	135	136	0.97	0.95	SPLIT
DR11004	DR11004-131	134	135	1	1	SPLIT
DR11004	DR11004-130	133.18	134	0.82	0.82	SPLIT
DR11004	DR11004-129	132.06	133.2	1.12	1.02	SPLIT
DR11004	DR11004-128	131	132.1	1.06	1.06	SPLIT
DR11004	DR11004-127	130	131	1	1	SPLIT
DR11004	DR11004-126	129	130	1	0.87	SPLIT
DR11004	DR11004-125	128.25	129	0.75	0.72	SPLIT
DR11004	DR11004-124	127.25	128.3	1	1	SPLIT
DR11004	DR11004-123	126.35	127.3	0.90000000000000	0.85	SPLIT
DR11004	DR11004-122	125	126.4	1.35	1.14	SPLIT
DR11004	DR11004-121	124	125	1	0.82	SPLIT
DR11004	DR11004-120	123.3	124	0.70000000000000	0.7	SPLIT
DR11004	DR11004-119	122.3	123.3	1	1	SPLIT
DR11004	DR11004-118	121	122.3	1.3	1.26	SPLIT
DR11004	DR11004-117	120	121	1	0.88	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11004	DR11004-116	119	120	1	1	SPLIT
DR11004	DR11004-115	118	119	1	0.92	SPLIT
DR11004	DR11004-114	117	118	1	1	SPLIT
DR11004	DR11004-113	116	117	1	1	SPLIT
DR11004	DR11004-112	115	116	1	0.95	SPLIT
DR11004	DR11004-111	114.3	115	0.700000000000000	0.7	SPLIT
DR11004	DR11004-110	113	114.3	1.3	1.2	SPLIT
DR11004	DR11004-109	112	113	1	0.95	SPLIT
DR11004	DR11004-108	111	112	1	0.87	SPLIT
DR11004	DR11004-107	110	111	1	0.95	SPLIT
DR11004	DR11004-106	109	110	1	0.93	SPLIT
DR11004	DR11004-105	108	109	1	0.93	SPLIT
DR11004	DR11004-104	107	108	1	0.97	SPLIT
DR11004	DR11004-103	106	107	1	1	SPLIT
DR11004	DR11004-102	104.7	106	1.3	1.3	SPLIT
DR11004	DR11004-101	104.4	104.7	0.3	0.3	SPLIT
DR11004	DR11004-100	104	104.4	0.400000000000000	0.4	SPLIT
DR11004	DR11004-099	103	104	1	1	SPLIT
DR11004	DR11004-098	102	103	1	0.95	SPLIT
DR11004	DR11004-097	101	102	1	0.84	SPLIT
DR11004	DR11004-096	100	101	1	0.8	SPLIT
DR11004	DR11004-095	98	100	2	0.3	SPLIT
DR11004	DR11004-094	97.2	98	0.8	0.5	SPLIT
DR11004	DR11004-093	96.26	97.2	0.94	0.9	SPLIT
DR11004	DR11004-092	95.2	96.26	1.06	0.95	SPLIT
DR11004	DR11004-091	94.9	95.2	0.3	0.3	SPLIT
DR11004	DR11004-090	93.85	94.9	1.050000000000000	0.8	SPLIT
DR11004	DR11004-089	92.65	93.85	1.2	0.8	SPLIT
DR11004	DR11004-088	91.85	92.65	0.800000000000000	0.75	SPLIT
DR11004	DR11004-087	91	91.85	0.85	0.8	SPLIT
DR11004	DR11004-086	88.65	91	2.35	2.1	SPLIT
DR11004	DR11004-085	88	88.65	0.650000000000000	0.65	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11004	DR11004-084	86.7	88	1.3	0.98	SPLIT
DR11004	DR11004-083	86.46	86.7	0.24	0.24	SPLIT
DR11004	DR11004-082	85.17	86.46	1.29	1.2	SPLIT
DR11004	DR11004-081	84.46	85.17	0.71	0.75	SPLIT
DR11004	DR11004-080	82.6	84.46	1.86000000000000	1.55	SPLIT
DR11004	DR11004-079	81.55	82.6	1.05	0.86	SPLIT
DR11004	DR11004-078	81	81.55	0.55	0.47	SPLIT
DR11004	DR11004-077	80	81	1	0.85	SPLIT
DR11004	DR11004-076	79	80	1	1	SPLIT
DR11004	DR11004-075	78	79	1	0.95	SPLIT
DR11004	DR11004-074	77	78	1	1	SPLIT
DR11004	DR11004-073	76	77	1	1	SPLIT
DR11004	DR11004-072	75.35	76	0.65000000000000	0.65	SPLIT
DR11004	DR11004-071	75	75.35	0.35	0.34	SPLIT
DR11004	DR11004-070	74.81	75	0.19	0.18	SPLIT
DR11004	DR11004-069	73.72	74.81	1.09	0.77	SPLIT
DR11004	DR11004-068	72.86	73.72	0.86	0.85	SPLIT
DR11004	DR11004-067	71.54	72.86	1.32	1.12	SPLIT
DR11004	DR11004-066	70.33	71.54	1.21	1.1	SPLIT
DR11004	DR11004-065	70	70.33	0.33	0.3	SPLIT
DR11004	DR11004-064	69	70	1	0.88	SPLIT
DR11004	DR11004-063	68.23	69	0.77000000000000	0.6	SPLIT
DR11004	DR11004-062	68	68.23	0.23	0.2	SPLIT
DR11004	DR11004-061	67	68	1	0.82	SPLIT
DR11004	DR11004-060	66	67	1	0.85	SPLIT
DR11004	DR11004-059	65	66	1	0.75	SPLIT
DR11004	DR11004-058	64	65	1	0.78	SPLIT
DR11004	DR11004-057	63	64	1	0.85	SPLIT
DR11004	DR11004-056	62.13	63	0.87000000000000	0.8	SPLIT
DR11004	DR11004-055	61.59	62.13	0.54	0.49	SPLIT
DR11004	DR11004-054	60.51	61.59	1.08	1	SPLIT
DR11004	DR11004-053	60	60.51	0.51000000000000	0.5	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11004	DR11004-052	59	60	1	0.86	SPLIT
DR11004	DR11004-051	57.82	59	1.18	1.04	SPLIT
DR11004	DR11004-050	57	57.82	0.82000000000000	0.75	SPLIT
DR11004	DR11004-049	56.24	57	0.76000000000000	0.64	SPLIT
DR11004	DR11004-048	55.59	56.24	0.65	0.6	SPLIT
DR11004	DR11004-047	54.74	55.59	0.85000000000000	0.73	SPLIT
DR11004	DR11004-046	54	54.74	0.74	0.74	SPLIT
DR11004	DR11004-045	53.7	54	0.3	0.29	SPLIT
DR11004	DR11004-044	53	53.7	0.70000000000000	0.65	SPLIT
DR11004	DR11004-043	52	53	1	0.88	SPLIT
DR11004	DR11004-042	51	52	1	1	SPLIT
DR11004	DR11004-041	50	51	1	0.9	SPLIT
DR11004	DR11004-040	49	50	1	0.8	SPLIT
DR11004	DR11004-039	48	49	1	0.83	SPLIT
DR11004	DR11004-038	47	48	1	0.9	SPLIT
DR11004	DR11004-037	46	47	1	0.84	SPLIT
DR11004	DR11004-036	45	46	1	0.9	SPLIT
DR11004	DR11004-035	44.51	45	0.49	0.5	SPLIT
DR11004	DR11004-034	44	44.51	0.51000000000000	0.4	SPLIT
DR11004	DR11004-033	43	44	1	0.8	SPLIT
DR11004	DR11004-032	42	43	1	0.75	SPLIT
DR11004	DR11004-031	41	42	1	0.7	SPLIT
DR11004	DR11004-030	40	41	1	0.7	SPLIT
DR11004	DR11004-029	39	40	1	0.8	SPLIT
DR11004	DR11004-028	38	39	1	0.73	SPLIT
DR11004	DR11004-027	37	38	1	0.85	SPLIT
DR11004	DR11004-026	36	37	1	0.75	SPLIT
DR11004	DR11004-025	35	36	1	0.78	SPLIT
DR11004	DR11004-024	34	35	1	0.86	SPLIT
DR11004	DR11004-023	33	34	1	0.7	SPLIT
DR11004	DR11004-022	32	33	1	0.86	SPLIT
DR11004	DR11004-021	31	32	1	0.9	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11004	DR11004-020	30	31	1	0.82	SPLIT
DR11004	DR11004-019	28.95	30	1.05	0.8	SPLIT
DR11004	DR11004-018	28	28.95	0.95	0.82	SPLIT
DR11004	DR11004-017	27	28	1	0.95	SPLIT
DR11004	DR11004-016	26	27	1	0.85	SPLIT
DR11004	DR11004-015	25	26	1	0.89	SPLIT
DR11004	DR11004-014	24	25	1	0.85	SPLIT
DR11004	DR11004-013	23	24	1	0.81	SPLIT
DR11004	DR11004-012	22	23	1	0.9	SPLIT
DR11004	DR11004-011	21	22	1	0.85	SPLIT
DR11004	DR11004-010	20	21	1	0.86	SPLIT
DR11004	DR11004-009	19	20	1	0.8	SPLIT
DR11004	DR11004-008	18.13	19	0.87	0.75	SPLIT
DR11004	DR11004-007	18	18.13	0.13000000000000	0.1	SPLIT
DR11004	DR11004-006	17	18	1	0.88	SPLIT
DR11004	DR11004-005	16	17	1	0.8	SPLIT
DR11004	DR11004-004	15	16	1	0.68	SPLIT
DR11004	DR11004-003	14	15	1	0.8	SPLIT
DR11004	DR11004-002	13	14	1	0.5	SPLIT
DR11004	DR11004-001	12	13	1	0.8	SPLIT
DR11005	DR11005-087	91.34	92	0.66	0.63	SPLIT
DR11005	DR11005-086	91.13	91.34	0.21000000000000	0.21	SPLIT
DR11005	DR11005-085	90	91.13	1.13	1.04	SPLIT
DR11005	DR11005-084	89	90	1	1	SPLIT
DR11005	DR11005-083	88	89	1	0.98	SPLIT
DR11005	DR11005-082	87	88	1	1	SPLIT
DR11005	DR11005-081	86	87	1	0.98	SPLIT
DR11005	DR11005-080	85	86	1	0.98	SPLIT
DR11005	DR11005-079	84	85	1	0.78	SPLIT
DR11005	DR11005-078	83	84	1	1	SPLIT
DR11005	DR11005-077	82	83	1	0.98	SPLIT
DR11005	DR11005-076	81	82	1	0.7	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11005	DR11005-075	80	81	1	0.96	SPLIT
DR11005	DR11005-074	79	80	1	1	SPLIT
DR11005	DR11005-073	78	79	1	1	SPLIT
DR11005	DR11005-072	77	78	1	1	SPLIT
DR11005	DR11005-071	76	77	1	0.76	SPLIT
DR11005	DR11005-070	75	76	1	0.85	SPLIT
DR11005	DR11005-069	74	75	1	0.95	SPLIT
DR11005	DR11005-068	73	74	1	0.85	SPLIT
DR11005	DR11005-067	71.87	73	1.13	1.05	SPLIT
DR11005	DR11005-066	71	71.87	0.870000000000000	0.75	SPLIT
DR11005	DR11005-065	70	71	1	0.95	SPLIT
DR11005	DR11005-064	69	70	1	0.9	SAW
DR11005	DR11005-063	68.05	69	0.950000000000000	0.94	SPLIT
DR11005	DR11005-062	67	68.05	1.05	1.02	SPLIT
DR11005	DR11005-061	66	67	1	1	SPLIT
DR11005	DR11005-060	65.25	66	0.75	0.73	SPLIT
DR11005	DR11005-059	64.5	65.25	0.75	0.68	SPLIT
DR11005	DR11005-058	63.64	64.5	0.86	0.85	SPLIT
DR11005	DR11005-057	63.1	63.64	0.54	0.51	SPLIT
DR11005	DR11005-056	62.48	63.1	0.620000000000000	0.62	SPLIT
DR11005	DR11005-055	62	62.48	0.48	0.45	SPLIT
DR11005	DR11005-054	61	62	1	0.97	SPLIT
DR11005	DR11005-053	60	61	1	0.97	SPLIT
DR11005	DR11005-052	59.58	60	0.420000000000000	0.4	SPLIT
DR11005	DR11005-051	58.83	59.58	0.75	0.69	SPLIT
DR11005	DR11005-050	57.94	58.83	0.89	0.88	SPLIT
DR11005	DR11005-049	57	57.94	0.94	0.87	SPLIT
DR11005	DR11005-048	56	57	1	0.95	SPLIT
DR11005	DR11005-047	55	56	1	0.83	SPLIT
DR11005	DR11005-046	54	55	1	0.95	SPLIT
DR11005	DR11005-045	53	54	1	0.95	SPLIT
DR11005	DR11005-044	52	53	1	0.92	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11005	DR11005-043	51	52	1	0.92	SPLIT
DR11005	DR11005-042	50	51	1	1	SPLIT
DR11005	DR11005-041	49.13	50	0.87	0.85	SPLIT
DR11005	DR11005-040	48.5	49.13	0.63000000000000	0.48	SPLIT
DR11005	DR11005-039	47.91	48.5	0.59	0.58	SPLIT
DR11005	DR11005-038	47.14	47.91	0.77000000000000	0.68	SPLIT
DR11005	DR11005-037	46	47.14	1.14	1.14	SPLIT
DR11005	DR11005-036	45.14	46	0.86	0.86	SPLIT
DR11005	DR11005-035	44	45.14	1.14	0.98	SPLIT
DR11005	DR11005-034	43	44	1	0.98	SPLIT
DR11005	DR11005-033	42.48	43	0.52	0.5	SPLIT
DR11005	DR11005-032	41.76	42.48	0.72	0.7	SPLIT
DR11005	DR11005-031	41	41.76	0.76000000000000	0.76	SPLIT
DR11005	DR11005-030	40	41	1	1	SPLIT
DR11005	DR11005-029	38.58	40	1.42	1.25	SPLIT
DR11005	DR11005-028	38	38.58	0.58	0.58	SPLIT
DR11005	DR11005-027	37	38	1	0.9	SPLIT
DR11005	DR11005-026	36	37	1	1	SPLIT
DR11005	DR11005-025	35	36	1	0.84	SPLIT
DR11005	DR11005-024	34	35	1	0.85	SPLIT
DR11005	DR11005-023	33	34	1	1	SPLIT
DR11005	DR11005-001	11.3	12.35	1.05	0.96	SPLIT
DR11005	DR11005-002	12.35	13	0.65	0.6	SPLIT
DR11005	DR11005-003	13	14	1	1	SPLIT
DR11005	DR11005-004	14	15	1	0.85	SPLIT
DR11005	DR11005-005	15	16	1	1	SPLIT
DR11005	DR11005-006	16	16.78	0.78000000000000	0.25	SPLIT
DR11005	DR11005-007	16.78	18	1.22	1.2	SPLIT
DR11005	DR11005-008	18	19	1	1	SPLIT
DR11005	DR11005-009	19	20	1	0.92	SPLIT
DR11005	DR11005-010	20	21.55	1.55	1.4	SPLIT
DR11005	DR11005-011	21.55	22	0.45	0.45	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11005	DR11005-012	22	23	1	0.86	SPLIT
DR11005	DR11005-013	23	24	1	0.81	SPLIT
DR11005	DR11005-014	24	25.08	1.08	1.07	SPLIT
DR11005	DR11005-015	25.08	26	0.92	0.88	SPLIT
DR11005	DR11005-016	26	27	1	0.85	SPLIT
DR11005	DR11005-017	27	28	1	0.92	SPLIT
DR11005	DR11005-018	28	29	1	0.77	SPLIT
DR11005	DR11005-019	29	30	1	0.88	SPLIT
DR11005	DR11005-020	30	31	1	0.83	SPLIT
DR11005	DR11005-021	31	32	1	0.87	SPLIT
DR11005	DR11005-022	32	33	1	0.96	SPLIT
DR11005	DR11005-117	115	115.5	0.51	0.36	SPLIT
DR11005	DR11005-116	114	115	1	0.63	SPLIT
DR11005	DR11005-115	113	114	1	0.94	SPLIT
DR11005	DR11005-114	112	113	1	0.97	SPLIT
DR11005	DR11005-113	111	112	1	0.97	SPLIT
DR11005	DR11005-112	110.26	111	0.74000000000000	0.74	SPLIT
DR11005	DR11005-111	110	110.3	0.26	0.26	SPLIT
DR11005	DR11005-110	109.04	110	0.96	0.94	SPLIT
DR11005	DR11005-109	108	109.0	1.04	1.02	SPLIT
DR11005	DR11005-108	107	108	1	1	SPLIT
DR11005	DR11005-107	106	107	1	0.97	SPLIT
DR11005	DR11005-106	105	106	1	1	SPLIT
DR11005	DR11005-105	104.2	105	0.8	0.77	SPLIT
DR11005	DR11005-104	103.32	104.2	0.88	0.93	SPLIT
DR11005	DR11005-103	102.93	103.3	0.39000000000000	0.4	SPLIT
DR11005	DR11005-102	101.92	102.9	1.01	0.66	SPLIT
DR11005	DR11005-101	101.04	101.9	0.88000000000000	0.58	SPLIT
DR11005	DR11005-100	100.65	101.0	0.39	0.34	SPLIT
DR11005	DR11005-099	100	100.7	0.65000000000000	0.6	SPLIT
DR11005	DR11005-098	99	100	1	0.35	SPLIT
DR11005	DR11005-097	98	99	1	0.76	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11005	DR11005-096	97	98	1	0.83	SPLIT
DR11005	DR11005-095	96	97	1	0.2	SPLIT
DR11005	DR11005-094	95	96	1	0.84	SPLIT
DR11005	DR11005-093	94	95	1	0.72	SPLIT
DR11005	DR11005-092	93.3	94	0.700000000000000	0.63	SPLIT
DR11005	DR11005-091	92.88	93.3	0.420000000000000	0.41	SPLIT
DR11005	DR11005-090	92.45	92.88	0.43	0.4	SPLIT
DR11005	DR11005-089	92.25	92.45	0.200000000000000	0.13	SPLIT
DR11005	DR11005-088	92	92.25	0.25	0.25	SPLIT
DR11006	DR11006-021	31	32	1	0.94	SPLIT
DR11006	DR11006-022	32	33	1	1.64	SPLIT
DR11006	DR11006-023	33	34	1	0.77	SPLIT
DR11006	DR11006-024	34	35	1	0.55	SPLIT
DR11006	DR11006-025	35	36	1	0.2	SPLIT
DR11006	DR11006-026	36	37	1	0.89	SPLIT
DR11006	DR11006-027	37	38	1	0.97	SPLIT
DR11006	DR11006-028	38	39	1	0.81	SPLIT
DR11006	DR11006-029	39	40	1	0.65	SPLIT
DR11006	DR11006-030	40	41	1	0.9	SPLIT
DR11006	DR11006-031	41	42	1	0.98	SPLIT
DR11006	DR11006-032	42	43	1	0.91	SPLIT
DR11006	DR11006-033	43	44	1	0.93	SPLIT
DR11006	DR11006-034	44	45	1	0.97	SPLIT
DR11006	DR11006-035	45	46	1	0.74	SPLIT
DR11006	DR11006-036	46	47	1	0.98	SPLIT
DR11006	DR11006-037	47	48	1	0.94	SPLIT
DR11006	DR11006-038	48	49	1	0.93	SPLIT
DR11006	DR11006-039	49	50	1	0.95	SPLIT
DR11006	DR11006-040	50	51	1	0.75	SPLIT
DR11006	DR11006-041	51	52.38	1.38	1.35	SPLIT
DR11006	DR11006-042	52.38	53.06	0.680000000000000	0.68	SPLIT
DR11006	DR11006-043	58	59	1	0.93	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11006	DR11006-044	59	59.8	0.8	0.5	SPLIT
DR11006	DR11006-045	65.17	67.43	2.26	1.23	SPLIT
DR11006	DR11006-046	74.38	75	0.620000000000000	0.62	SPLIT
DR11006	DR11006-047	75	76	1	0.68	SPLIT
DR11006	DR11006-048	79.53	82	2.47	1.16	SPLIT
DR11006	DR11006-049	82	82.61	0.61	0.34	SPLIT
DR11006	DR11006-050	82.61	83.75	1.14	1.1	SPLIT
DR11006	DR11006-051	88.44	88.87	0.430000000000000	0.32	SPLIT
DR11006	DR11006-052	90.51	91.51	1	0.9	SPLIT
DR11006	DR11006-053	91.51	92.51	1	1	SPLIT
DR11006	DR11006-054	92.51	93.51	1	0.93	SPLIT
DR11006	DR11006-055	93.51	95	1.49	1.4	SPLIT
DR11006	DR11006-056	95	96	1	0.96	SPLIT
DR11006	DR11006-057	96	97	1	0.97	SPLIT
DR11006	DR11006-058	97	98	1	0.92	SPLIT
DR11006	DR11006-059	98	99	1	1	SPLIT
DR11006	DR11006-060	99	100	1	0.99	SPLIT
DR11006	DR11006-061	100	100.6	0.58	0.5	SPLIT
DR11006	DR11006-062	11.46	12.19	0.73	0.38	SPLIT
DR11006	DR11006-001	12.19	13	0.81	0.7	SPLIT
DR11006	DR11006-002	13	14	1	1	SPLIT
DR11006	DR11006-003	14	15	1	0.87	SPLIT
DR11006	DR11006-004	15	16	1	0.62	SPLIT
DR11006	DR11006-005	16	17.54	1.54	0.58	SPLIT
DR11006	DR11006-006	17.54	18	0.460000000000000	0.46	SPLIT
DR11006	DR11006-007	18	19	1	0.97	SPLIT
DR11006	DR11006-008	19	20	1	0.89	SPLIT
DR11006	DR11006-009	20	20.95	0.95	0.84	SPLIT
DR11006	DR11006-010	20.95	21.7	0.75	0.63	SPLIT
DR11006	DR11006-011	21.7	22.36	0.66	0.56	SPLIT
DR11006	DR11006-012	22.36	23.06	0.7	0.57	SPLIT
DR11006	DR11006-013	23.06	24.45	1.39	1.18	SPLIT

Drill Hole	Sample Number	From(m)	To(m)	Interval Length(m)	Recovered Length(m)	Sample Method
DR11006	DR11006-014	24.45	25	0.55	0.35	SPLIT
DR11006	DR11006-015	25	26	1	0.82	SPLIT
DR11006	DR11006-016	26	27.14	1.14	0.88	SPLIT
DR11006	DR11006-017	27.14	28	0.860000000000000	0.74	SPLIT
DR11006	DR11006-018	28	29	1	0.96	SPLIT
DR11006	DR11006-019	29	30	1	0.97	SPLIT
DR11006	DR11006-020	30	31	1	0.57	SPLIT

APPENDIX V

Analytical Certificates

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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AW 2011-8196

TerraLogic Exploration Inc.

#200, 44-12th Ave S.

Cranbrook, BC

V1C 2R7

25-Aug-11

No. of samples received: 4

Sample Type: Core

Project: Dragon Lake

Shipment #: DR11-007

Submitted by: M. McCuaig

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	ERDRR001	<0.03	<0.001
2	ERDRR002	<0.03	<0.001
3	ERDRR003	0.14	0.004
4	ERDRR004	<0.03	<0.001

QC DATA:

Repeat:

1	ERDRR001	<0.03	<0.001
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Standard:

OXK69	3.53	0.103
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FA/AA Finish

NM/mb/el
XLS/11

25-Aug-11

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
www.stewartgroupglobal.com

ICP CERTIFICATE OF ANALYSIS AW 2011-8196

TerraLogic Exploration Inc.
#200, 44-12th Ave S.
Cranbrook, BC
V1C 2R7

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 4
Sample Type: Core
Project: Dragon Lake
Shipment #: DR11-007
Submitted by: M. McCuaig

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	ERDRR001	<0.2	1.30	10	54	1	<5	0.25	<1	4	184	42	3.31	<5	0.37	22	36	0.80	95	2	0.09	8	110	12	0.24	<5	7	<10	<5	22	0.12	<5	76	<5	5	24
2	ERDRR002	<0.2	1.86	<5	286	<1	<5	0.02	<1	12	144	46	4.73	<5	1.38	36	28	0.74	235	1	0.04	21	250	12	0.21	<5	5	<10	<5	18	0.17	<5	58	<5	5	44
3	ERDRR003	1.0	4.74	20	58	2	85	3.67	<1	14	124	932	>10	<5	0.02	18	20	0.72	775	3	0.14	13	370	21	4.53	<5	3	<10	10	190	0.10	<5	26	<5	6	52
4	ERDRR004	<0.2	1.37	<5	208	<1	<5	0.33	<1	9	184	10	2.76	<5	0.51	34	30	0.49	335	2	0.12	5	620	9	0.03	<5	7	<10	<5	26	0.13	<5	42	<5	16	38

QC DATA:

Repeat:

1	ERDRR001	<0.2	1.32	10	56	1	<5	0.25	<1	4	182	44	3.34	<5	0.38	22	38	0.82	95	2	0.09	8	110	9	0.25	<5	8	<10	<5	22	0.13	<5	76	<5	5	20
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Standard:

Pb129a	12.2	0.85	5	64	<1	<5	0.44	56	6	12	1404	1.60	<5	0.11	4	<2	0.66	375	2	0.03	5	420	6228	0.83	15	<1	<10	<5	32	0.05	<5	20	<5	3	9964
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ICP: Aqua Regia Digest / ICP- AES Finish.

NM/mb/el
dl/1_8177S
XLS/11


ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

CERTIFICATE OF ASSAY AK 2011-0974

TerraLogic Exploration Inc.

9-Aug-11

#200, 44-12th Ave S.

Cranbrook, BC

V1C 2R7

No. of samples received: 112

Sample Type: Core

Project: Dragon Lake

Shipment #: DR11-001

Submitted by: M. McCuaig

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	DR11001-001	0.05	0.001
2	DR11001-002	<0.03	<0.001
3	DR11001-003	0.13	0.004
4	DR11001-004	0.03	0.001
5	DR11001-005	0.64	0.019
6	DR11001-006	0.71	0.021
7	DR11001-007	0.84	0.024
8	DR11001-008	0.28	0.008
9	DR11001-009	<0.03	<0.001
10	DR11001-010	5.70	0.166
11	DR11001-011	0.08	0.002
12	DR11001-012	1.52	0.044
13	DR11001-013	<0.03	<0.001
14	DR11001-014	0.10	0.003
15	DR11001-015	<0.03	<0.001
16	DR11001-016	<0.03	<0.001
17	DR11001-017	<0.03	<0.001
18	DR11001-018	<0.03	<0.001
19	DR11001-019	<0.03	<0.001
20	DR11001-020	<0.03	<0.001
21	DR11001-020	3.58	0.104
22	DR11001-021	0.12	0.003
23	DR11001-022	0.03	0.001
24	DR11001-023	0.08	0.002
25	DR11001-024	<0.03	<0.001
26	DR11001-025	<0.03	<0.001
27	DR11001-026	<0.03	<0.001



TerraLogic Exploration Inc. AK11-0974

9-Aug-11

ET #.	Tag #	Au (g/t)	Au (oz/t)
28	DR11001-027	<0.03	<0.001
29	DR11001-028	<0.03	<0.001
30	DR11001-029	<0.03	<0.001
31	DR11001-030	<0.03	<0.001
32	DR11001-031	<0.03	<0.001
33	DR11001-032	<0.03	<0.001
34	DR11001-033	<0.03	<0.001
35	DR11001-034	<0.03	<0.001
36	DR11001-035	<0.03	<0.001
37	DR11001-036	<0.03	<0.001
38	DR11001-037	<0.03	<0.001
39	DR11001-038	<0.03	<0.001
40	DR11001-039	<0.03	<0.001
41	DR11001-040	0.09	0.003
42	DR11001-040	1.48	0.043
43	DR11001-040	<0.03	<0.001
44	DR11001-041	<0.03	<0.001
45	DR11001-042	<0.03	<0.001
46	DR11001-043	<0.03	<0.001
47	DR11001-044	<0.03	<0.001
48	DR11001-045	<0.03	<0.001
49	DR11001-046	<0.03	<0.001
50	DR11001-047	<0.03	<0.001
51	DR11001-048	<0.03	<0.001
52	DR11001-049	<0.03	<0.001
53	DR11001-050	0.03	0.001
54	DR11001-051	<0.03	<0.001
55	DR11001-052	<0.03	<0.001
56	DR11001-053	0.06	0.002
57	DR11001-054	0.13	0.004
58	DR11001-055	<0.03	<0.001
59	DR11001-056	<0.03	<0.001
60	DR11001-057	<0.03	<0.001
61	DR11001-058	<0.03	<0.001
62	DR11001-059	<0.03	<0.001
63	DR11001-060	<0.03	<0.001
64	DR11001-060	3.46	0.101
65	DR11001-061	<0.03	<0.001
66	DR11001-062	<0.03	<0.001
67	DR11001-063	<0.03	<0.001
68	DR11001-064	0.04	0.001

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 www.stewartgroupglobal.com



StewartGroup
 Geochemical & Assay

TerraLogic Exploration Inc. AK11-0974

9-Aug-11

ET #.	Tag #	Au (g/t)	Au (oz/t)
69	DR11001-065	0.04	0.001
70	DR11001-066	0.05	0.001
71	DR11001-067	0.04	0.001
72	DR11001-068	<0.03	<0.001
73	DR11001-069	<0.03	<0.001
74	DR11001-070	<0.03	<0.001
75	DR11001-071	<0.03	<0.001
76	DR11001-072	<0.03	<0.001
77	DR11001-073	<0.03	<0.001
78	DR11001-074	<0.03	<0.001
79	DR11001-075	0.04	0.001
80	DR11001-076	<0.03	<0.001
81	DR11001-077	<0.03	<0.001
82	DR11001-078	<0.03	<0.001
83	DR11001-079	<0.03	<0.001
84	DR11001-080	<0.03	<0.001
85	DR11001-080	1.46	0.043
86	DR11001-080	<0.03	<0.001
87	DR11001-081	<0.03	<0.001
88	DR11001-082	<0.03	<0.001
89	DR11001-083	<0.03	<0.001
90	DR11001-084	<0.03	<0.001
91	DR11001-085	<0.03	<0.001
92	DR11001-086	<0.03	<0.001
93	DR11001-087	<0.03	<0.001
94	DR11001-088	<0.03	<0.001
95	DR11001-089	<0.03	<0.001
96	DR11001-090	<0.03	<0.001
97	DR11001-091	<0.03	<0.001
98	DR11001-092	<0.03	<0.001
99	DR11001-093	<0.03	<0.001
100	DR11001-094	<0.03	<0.001
101	DR11001-095	<0.03	<0.001
102	DR11001-096	<0.03	<0.001
103	DR11001-097	<0.03	<0.001
104	DR11001-098	<0.03	<0.001
105	DR11001-099	<0.03	<0.001
106	DR11001-100	<0.03	<0.001
107	DR11001-100	3.52	0.103
108	DR11001-101	<0.03	<0.001
109	DR11001-102	<0.03	<0.001



TerraLogic Exploration Inc. AK11-0974

9-Aug-11

ET #.	Tag #	Au (g/t)	Au (oz/t)
110	DR11001-103	<0.03	<0.001
111	DR11001-104	<0.03	<0.001
112	DR11001-105	<0.03	<0.001

QC DATA:

Repeat:

1	DR11001-001	<0.03	<0.001
6	DR11001-006	0.75	0.022
10	DR11001-010	5.60	0.163
12	DR11001-012	1.58	0.046
19	DR11001-019	<0.03	<0.001
36	DR11001-035	<0.03	<0.001
45	DR11001-042	<0.03	<0.001
54	DR11001-051	<0.03	<0.001
71	DR11001-067	0.03	0.001
80	DR11001-076	<0.03	<0.001
89	DR11001-083	<0.03	<0.001
106	DR11001-100	<0.03	<0.001

Resplit:

1	DR11001-001	0.03	0.001
36	DR11001-035	<0.03	<0.001
71	DR11001-067	0.03	0.001
106	DR11001-100	<0.03	<0.001

Standard:

OXi81	1.83	0.053
OXK79	3.50	0.102
OXi81	1.78	0.052
OXK79	3.56	0.104

FA/AA Finish

NM/mb/el
 XLS/11

Stewart Group
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 10041 Dallas Drive
KAMLOOPS, B.C.
 V2C 6T4
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ICP CERTIFICATE OF ANALYSIS AK 2011-0974

TerraLogic Exploration Inc.
 #200, 44-12th Ave S.
Cranbrook, BC
 V1C 2R7

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 112
 Sample Type: Core
Project: Dragon Lake
Shipment #: DR11-001
 Submitted by: M. McCuaig

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	DR11001-001	<0.2	0.71	<5	76	<1	<5	0.95	<1	10	112	20	1.50	<5	0.26	40	8	0.36	160	<1	0.02	26	160	9	0.25	<5	2	<10	<5	66	<0.01	<5	12	<5	7	26
2	DR11001-002	<0.2	1.03	<5	110	<1	<5	2.83	<1	4	120	24	1.32	<5	0.11	16	14	0.33	300	1	0.03	13	140	9	0.04	<5	3	<10	<5	126	<0.01	<5	14	<5	7	18
3	DR11001-003	<0.2	1.80	<5	122	1	25	2.39	<1	24	46	470	7.61	<5	0.07	24	26	0.84	675	1	0.11	26	70	9	1.76	<5	2	<10	<5	426	0.07	<5	16	<5	4	62
4	DR11001-004	<0.2	0.88	<5	46	<1	5	2.07	<1	7	136	88	2.94	<5	0.05	10	10	0.40	525	<1	0.05	12	80	9	0.39	<5	2	<10	<5	158	0.01	<5	12	<5	5	30
5	DR11001-005	<0.2	1.12	5	80	<1	10	4.05	<1	12	58	116	2.52	<5	0.17	52	14	0.58	420	<1	0.06	25	600	9	0.25	<5	4	<10	<5	310	<0.01	<5	20	<5	14	46
6	DR11001-006	<0.2	2.51	<5	288	2	20	5.03	<1	14	44	218	7.31	<5	0.20	30	20	1.31	880	2	0.29	26	500	15	0.60	<5	5	<10	<5	436	0.01	<5	30	<5	12	60
7	DR11001-007	<0.2	1.99	<5	130	2	35	5.81	<1	15	28	214	7.29	<5	0.13	32	24	1.14	945	1	0.15	25	740	12	0.64	<5	5	<10	<5	418	0.04	<5	32	<5	8	74
8	DR11001-008	<0.2	0.86	<5	70	<1	60	5.81	<1	21	48	284	5.70	<5	0.19	22	4	0.51	630	<1	0.07	51	300	9	2.23	<5	3	<10	<5	220	<0.01	<5	12	<5	9	34
9	DR11001-009	<0.2	0.40	<5	46	<1	<5	3.30	<1	5	124	36	1.22	<5	0.16	20	4	0.19	235	1	0.02	16	130	6	0.05	<5	3	<10	<5	84	<0.01	<5	10	<5	9	18
10	DR11001-010	1.4	0.25	<5	12	<1	175	4.20	<1	99	58	1790	>10	<5	0.05	12	2	0.90	495	<1	0.18	43	110	9	>10	<5	2	20	<5	104	<0.01	<5	12	<5	8	20
11	DR11001-011	<0.2	0.50	10	94	<1	<5	>10	<1	3	12	224	1.60	<5	0.07	4	4	0.31	555	<1	0.02	6	110	<3	0.67	<5	1	<10	<5	704	<0.01	<5	8	<5	4	14
12	DR11001-012	<0.2	0.31	<5	34	1	75	9.11	<1	11	24	290	>10	<5	<0.01	6	8	0.71	980	<1	0.09	7	130	6	2.79	<5	<1	<10	<5	308	0.01	<5	6	<5	4	96
13	DR11001-013	<0.2	0.14	10	24	<1	<5	>10	<1	2	8	46	1.15	<5	0.03	4	4	0.25	415	<1	0.02	5	130	<3	0.68	<5	<1	<10	<5	628	<0.01	<5	4	<5	3	22
14	DR11001-014	<0.2	0.11	15	20	<1	<5	>10	<1	3	8	68	1.33	<5	0.04	4	4	0.37	385	<1	0.02	4	210	<3	1.04	<5	1	<10	<5	612	<0.01	<5	4	<5	3	10
15	DR11001-015	<0.2	0.09	<5	16	<1	<5	>10	<1	<1	4	8	0.96	<5	0.04	4	4	0.56	445	<1	0.02	3	180	<3	0.21	<5	<1	<10	<5	654	<0.01	<5	4	<5	3	2
16	DR11001-016	<0.2	0.17	<5	26	<1	<5	>10	<1	2	8	12	0.54	<5	0.05	4	6	0.21	250	<1	0.02	5	270	<3	0.42	<5	1	<10	<5	828	<0.01	<5	4	<5	3	14
17	DR11001-017	<0.2	0.33	5	132	<1	<5	>10	<1	3	10	18	0.93	<5	0.05	6	14	0.40	215	<1	0.03	6	250	<3	0.73	<5	1	<10	<5	1026	0.01	<5	6	<5	4	26
18	DR11001-018	<0.2	0.23	10	52	<1	<5	>10	<1	3	10	16	0.70	<5	0.08	6	4	0.32	200	<1	0.02	6	190	<3	0.54	<5	1	<10	<5	796	<0.01	<5	4	<5	5	34
19	DR11001-019	<0.2	0.14	20	58	<1	<5	>10	<1	2	10	14	0.61	<5	0.07	6	4	0.35	180	<1	0.02	6	180	<3	0.27	<5	1	<10	<5	930	<0.01	<5	4	<5	4	14
20	DR11001-020	<0.2	0.38	<5	52	<1	5	5.58	<1	10	78	64	2.05	<5	0.17	18	4	0.54	235	<1	0.04	22	210	6	1.02	<5	3	<10	<5	256	<0.01	<5	8	<5	11	22
21	DR11001-020	>50	1.22	95	80	<1	5	1.89	<1	13	18	760	3.16	<5	0.15	4	8	0.89	805	737	0.06	10	680	45	0.22	60	2	<10	<5	96	0.10	<5	30	<5	3	96
22	DR11001-021	<0.2	0.38	<5	50	<1	10	3.09	<1	10	78	94	2.19	<5	0.17	22	2	0.52	185	1	0.04	18	160	9	1.18	<5	2	<10	<5	164	<0.01	<5	6	<5	9	22
23	DR11001-022	<0.2	0.41	10	36	<1	5	1.51	<1	7	136	60	1.81	<5	0.20	18	2	0.29	205	<1	0.03	14	250	9	0.60	<5	2	<10	<5	74	<0.01	<5	6	<5	7	16
24	DR11001-023	<0.2	0.35	5	32	<1	5	1.96	<1	7	124	100	2.36	<5	0.17	14	2	0.40	210	<1	0.03	14	200	6	0.97	<5	2	<10	<5	86	<0.01	<5	8	<5	8	20
25	DR11001-024	<0.2	0.38	5	44	<1	5	1.89	<1	3	136	34	1.17	<5	0.16	22	4	0.38	160	<1	0.03	12	240	12	0.17	<5	2	<10	<5	110	<0.01	<5	8	<5	8	14
26	DR11001-025	<0.2	0.30	<5	34	<1	<5	1.70	<1	3	144	18	0.92	<5	0.14	18	2	0.31	135	<1	0.02	9	160	9	0.19	<5	<1	<10	<5	82	<0.01	<5	4	<5	6	12
27	DR11001-026	<0.2	0.31	<5	24	<1	<5	0.97	<1	4	164	10	1.02	<5	0.13	18	2	0.21	150	<1	0.02	9	130	9	0.14	<5	<1	<10	<5	42	<0.01	<5	4	<5	5	14
28	DR11001-027	<0.2	0.31	<5	34	<1	<5	2.77	<1	5	150	22	1.41	<5	0.15	12	4	0.25	290	<1	0.03	13	110	9	0.33	<5	1	<10	<5	78	<0.01	<5	8	<5	5	16
29	DR11001-028	<0.2	0.29	<5	58	<1	<5	0.71	<1	4	168	18	1.08	<5	0.14	14	<2	0.16	135	<1	0.04	11	160	9	0.31	<5	<1	<10	<5	54	<0.01	<5	6	<5	4	14
30	DR11001-029	<0.2	0.31	<5	68	<1	<5	0.97	<1	7	160	66	1.41	<5	0.12	16	2	0.19	150	<1	0.03	13	140	9	0.53	<5	1	<10	<5	66	<0.01	<5	6	<5	5	14

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
31	DR11001-030	<0.2	0.26	<5	36	<1	<5	1.14	<1	4	140	18	1.03	<5	0.14	14	<2	0.21	190	<1	0.03	10	110	9	0.20	<5	1	<10	<5	50	<0.01	<5	4	<5	5	14
32	DR11001-031	<0.2	0.30	<5	40	<1	<5	1.21	<1	4	156	20	0.93	<5	0.14	14	2	0.20	160	<1	0.02	9	110	9	0.17	<5	<1	<10	<5	44	<0.01	<5	4	<5	4	12
33	DR11001-032	<0.2	0.31	<5	32	<1	<5	0.88	<1	4	160	16	1.03	<5	0.13	14	4	0.18	135	<1	0.02	11	130	9	0.31	<5	<1	<10	<5	38	<0.01	<5	4	<5	4	12
34	DR11001-033	<0.2	0.27	5	36	<1	<5	1.62	<1	3	180	16	0.90	<5	0.13	18	4	0.24	160	<1	0.02	10	160	6	0.16	<5	1	<10	<5	68	<0.01	<5	4	<5	6	16
35	DR11001-034	<0.2	0.30	<5	42	<1	<5	1.32	<1	4	162	38	1.06	<5	0.12	16	4	0.22	145	<1	0.03	10	130	9	0.32	<5	1	<10	<5	54	<0.01	<5	6	<5	6	22
36	DR11001-035	<0.2	0.30	<5	52	<1	<5	1.12	<1	4	202	30	1.17	<5	0.16	14	4	0.20	135	3	0.03	11	150	12	0.40	<5	1	<10	<5	50	<0.01	<5	6	<5	5	12
37	DR11001-036	<0.2	0.35	<5	48	<1	<5	1.04	<1	5	238	16	1.21	<5	0.16	14	6	0.24	135	3	0.04	14	300	9	0.48	<5	<1	<10	<5	58	<0.01	<5	4	<5	6	14
38	DR11001-037	<0.2	0.31	<5	40	<1	<5	1.21	<1	5	244	46	1.22	<5	0.15	14	4	0.21	125	3	0.03	12	130	9	0.50	<5	1	<10	<5	52	<0.01	<5	6	<5	5	16
39	DR11001-038	<0.2	0.33	<5	48	<1	<5	1.79	<1	4	192	20	0.98	<5	0.14	16	2	0.30	150	2	0.03	11	150	9	0.17	<5	1	<10	<5	86	<0.01	<5	6	<5	6	12
40	DR11001-039	<0.2	0.32	<5	42	<1	<5	1.35	<1	4	208	50	1.15	<5	0.13	14	2	0.20	120	3	0.03	12	190	6	0.45	<5	1	<10	<5	50	<0.01	<5	8	<5	5	10
41	DR11001-040	<0.2	0.34	<5	52	<1	<5	0.81	<1	5	214	16	1.14	<5	0.14	16	4	0.23	125	3	0.04	12	120	9	0.15	<5	<1	<10	<5	48	<0.01	<5	6	<5	4	14
42	DR11001-040	32.0	0.37	25	226	<1	5	1.13	<1	9	30	3078	2.47	<5	0.15	8	<2	0.14	390	391	0.05	19	370	45	0.97	75	<1	<10	<5	228	<0.01	<5	16	<5	3	50
43	DR11001-040	<0.2	0.53	<5	174	<1	<5	0.12	<1	4	8	4	1.40	<5	0.34	8	14	0.21	340	1	0.11	<1	180	6	<0.01	<5	4	<10	<5	10	0.10	<5	16	<5	11	20
44	DR11001-041	<0.2	0.33	<5	88	<1	<5	1.01	<1	4	222	20	1.04	<5	0.12	18	2	0.22	115	3	0.04	13	150	12	0.20	<5	<1	<10	<5	58	<0.01	<5	8	<5	5	10
45	DR11001-042	<0.2	0.38	55	70	<1	<5	0.84	<1	3	214	10	0.85	<5	0.16	22	4	0.16	95	3	0.04	11	150	9	0.08	<5	<1	<10	<5	48	<0.01	<5	6	<5	6	10
46	DR11001-043	<0.2	0.32	<5	50	<1	<5	0.92	<1	3	206	12	0.92	<5	0.16	22	2	0.18	105	4	0.04	11	130	9	0.14	<5	<1	<10	<5	42	<0.01	<5	6	<5	6	8
47	DR11001-044	<0.2	0.28	<5	44	<1	<5	1.13	<1	3	208	20	0.77	<5	0.15	20	2	0.19	95	4	0.03	11	150	6	0.13	<5	<1	<10	<5	50	<0.01	<5	4	<5	5	12
48	DR11001-045	<0.2	0.35	<5	66	<1	<5	1.99	<1	3	196	12	1.01	<5	0.18	20	2	0.58	145	4	0.03	12	180	6	0.02	<5	1	<10	<5	130	<0.01	<5	6	<5	8	14
49	DR11001-046	<0.2	0.78	5	146	2	<5	2.24	<1	10	62	20	2.70	<5	0.31	68	10	0.94	250	1	0.07	32	540	9	0.14	<5	3	<10	<5	140	<0.01	<5	20	<5	20	52
50	DR11001-047	<0.2	0.74	10	134	1	<5	2.65	<1	11	74	34	2.51	<5	0.29	48	10	1.00	255	2	0.07	34	500	9	0.27	<5	4	<10	<5	116	<0.01	<5	18	<5	16	42
51	DR11001-048	<0.2	0.58	15	70	<1	<5	1.79	<1	7	192	48	1.37	<5	0.22	26	10	0.52	155	4	0.05	24	740	9	0.29	<5	3	<10	<5	78	<0.01	<5	14	<5	11	18
52	DR11001-049	<0.2	0.45	5	54	<1	<5	1.78	<1	8	180	42	1.91	<5	0.23	24	8	0.58	195	3	0.04	25	230	9	0.58	<5	3	<10	<5	92	<0.01	<5	8	<5	9	26
53	DR11001-050	<0.2	0.53	10	54	<1	<5	1.91	<1	14	104	28	3.01	<5	0.27	24	10	0.89	360	2	0.04	30	460	9	0.31	5	3	<10	<5	124	<0.01	<5	8	<5	12	36
54	DR11001-051	<0.2	0.60	<5	96	1	5	0.71	<1	14	84	28	4.09	<5	0.24	46	8	0.78	575	2	0.05	35	340	12	0.19	<5	3	<10	<5	118	<0.01	<5	20	<5	10	84
55	DR11001-052	<0.2	0.49	10	76	<1	10	0.91	<1	10	142	44	2.79	<5	0.25	32	6	0.56	340	3	0.04	25	350	12	0.58	<5	2	<10	<5	74	<0.01	<5	10	<5	8	40
56	DR11001-053	<0.2	0.32	<5	32	<1	10	0.58	<1	4	210	44	1.45	<5	0.10	16	6	0.20	305	4	0.02	11	120	12	0.55	<5	1	<10	<5	26	<0.01	<5	6	<5	5	14
57	DR11001-054	<0.2	0.41	<5	64	<1	20	0.40	<1	4	190	88	2.98	<5	0.05	14	6	0.20	1240	4	0.03	9	70	6	1.13	<5	2	<10	<5	34	<0.01	<5	6	<5	8	56
58	DR11001-055	<0.2	0.55	<5	46	<1	5	0.53	<1	3	168	4	1.47	<5	0.05	22	8	0.16	1170	3	0.02	8	130	6	0.11	<5	2	<10	<5	54	<0.01	<5	8	<5	10	52
59	DR11001-056	<0.2	0.34	<5	36	<1	<5	0.91	<1	3	192	10	1.06	<5	0.09	20	4	0.32	390	4	0.04	10	120	9	0.11	<5	<1	<10	<5	82	<0.01	<5	8	<5	5	14
60	DR11001-057	<0.2	0.33	<5	36	<1	<5	0.54	<1	5	202	16	1.22	<5	0.15	18	4	0.19	165	4	0.04	13	120	9	0.36	<5	<1	<10	<5	34	<0.01	<5	6	<5	4	12
61	DR11001-058	<0.2	0.33	10	34	<1	<5	0.54	<1	5	194	32	1.52	<5	0.14	14	4	0.19	150	4	0.04	13	110	9	0.73	<5	<1	<10	<5	38	<0.01	<5	6	<5	4	12
62	DR11001-059	<0.2	0.33	<5	44	<1	<5	0.67	<1	4	204	10	1.15	<5	0.14	18	2	0.29	195	4	0.04	13	110	9	0.13	<5	<1	<10	<5	44	<0.01	<5	6	<5	5	12
63	DR11001-060	<0.2	0.33	<5	40	<1	<5	0.33	<1	4	196	8	1.22	<5	0.12	20	4	0.19	165	4	0.04	12	120	12	0.06	<5	<1	<10	<5	24	<0.01	<5	8	<5	5	22
64	DR11001-060	>50	1.22	90	80	<1	5	1.81	<1	12	18	750	3.20	<5	0.16	4	8	0.91	785	763	0.06	9	690	42	0.21	60	2	<10	<5	98	0.11	<5	30	<5	3	96
65	DR11001-061	<0.2	0.38	<5	38	<1	<5	0.21	<1	5	194	14	1.46	<5	0.14	18	4	0.16	175	4	0.05	13	120	9	0.36	<5	2	<10	<5	24	<0.01	<5	10	<5	5	18
66	DR11001-062	<0.2	0.40	<5	28	<1	<5	0.21	<1	4	188	8	1.24	<5	0.13	20	6	0.17	165	4	0.05	12	90	9	0.11	<5	<1	<10	<5	18	<0.01	<5	10	<5	4	20
67	DR11001-063	<0.2	0.31	<5	24	<1	<5	0.90	<1	4	180	26	1.51	<5	0.11	16	2	0.33	220	3	0.04	11	150	6	0.54	<5	<1	<10	<5	54	<0.01	<5	8	<5	6	14
68	DR11001-064	<0.2	0.30	<5	20	<1	10	0.74	<1	4	204	28	1.82	<5	0.07	16	4	0.26	165	4	0.05	11	140	6	0.94	<5	<1	<10	<5	46	<0.01	<5	8	<5	7	10
69	DR11001-065	<0.2	0.52	<5	22	<1	15	0.59	<1	4	196	28	1.69	<5	0.07	16	6	0.20	195	4	0.08	10	80	6	0.67	<5	1	<10	<5	46	0.01	<5	10	<5	7	14
70	DR11001-066	<0.2	0.52	<5	24	<1	25	0.77	<1	4	206	24	1.75	<5	0.05	18	8	0.21	270	4	0.08	10	80	6	0.69	<5	2	<10								

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
76	DR11001-072	<0.2	0.88	<5	52	1	5	0.87	<1	12	72	38	3.91	<5	0.42	44	14	0.93	325	1	0.05	34	430	12	0.60	<5	3	<10	<5	92	<0.01	<5	16	<5	9	48
77	DR11001-073	<0.2	1.30	<5	64	1	5	0.83	<1	13	72	40	3.92	<5	0.65	56	24	1.00	385	1	0.05	33	360	9	0.30	<5	3	<10	<5	76	0.04	<5	22	<5	10	44
78	DR11001-074	<0.2	1.59	<5	76	1	5	0.65	<1	20	76	48	4.20	<5	0.80	48	30	0.82	325	1	0.05	42	1020	12	0.76	<5	5	<10	<5	42	0.06	<5	32	<5	13	58
79	DR11001-075	0.2	1.46	5	84	1	10	0.33	<1	21	68	58	4.73	<5	0.64	54	26	0.82	440	2	0.06	43	590	12	0.74	<5	4	<10	<5	48	0.02	<5	22	<5	12	78
80	DR11001-076	<0.2	1.39	<5	72	1	5	0.23	<1	15	66	54	4.68	<5	0.59	56	22	0.82	545	1	0.05	36	580	12	0.46	<5	4	<10	<5	46	0.03	<5	26	<5	11	80
81	DR11001-077	<0.2	0.97	5	74	1	5	0.55	<1	14	56	42	4.41	<5	0.46	56	14	0.84	635	<1	0.05	34	610	9	0.34	<5	3	<10	<5	70	<0.01	<5	18	<5	11	60
82	DR11001-078	<0.2	0.79	<5	52	1	5	0.70	<1	15	52	78	3.99	<5	0.42	56	10	0.85	475	1	0.05	39	540	9	0.49	<5	3	<10	<5	64	<0.01	<5	20	<5	10	34
83	DR11001-079	<0.2	1.15	<5	72	1	5	0.38	<1	16	56	62	4.65	<5	0.55	60	16	0.82	580	1	0.05	38	530	9	0.38	<5	3	<10	<5	52	0.01	<5	22	<5	11	54
84	DR11001-080	<0.2	1.84	<5	80	2	5	0.95	<1	17	74	40	4.69	<5	1.00	64	34	0.99	575	1	0.06	38	460	12	0.20	<5	3	<10	<5	60	0.07	<5	34	<5	12	80
85	DR11001-080	31.0	0.35	25	236	<1	5	1.11	<1	9	30	3062	2.59	<5	0.15	8	<2	0.14	405	400	0.05	19	370	39	1.02	70	<1	<10	<5	234	<0.01	<5	16	<5	3	50
86	DR11001-080	<0.2	0.51	<5	172	<1	<5	0.12	<1	4	8	4	1.40	<5	0.33	8	14	0.22	325	1	0.10	<1	170	6	<0.01	<5	4	<10	<5	8	0.10	<5	16	<5	11	20
87	DR11001-081	<0.2	2.13	<5	96	2	5	0.69	<1	15	74	32	4.82	<5	1.11	62	46	1.04	595	2	0.07	36	1320	12	0.23	<5	4	<10	<5	52	0.10	<5	34	<5	16	60
88	DR11001-082	<0.2	1.44	<5	64	2	5	0.34	<1	15	48	30	4.86	<5	0.55	64	22	0.82	575	<1	0.05	36	410	9	0.17	<5	3	<10	<5	44	0.03	<5	30	<5	10	74
89	DR11001-083	<0.2	0.73	5	42	1	<5	1.17	<1	12	60	38	3.67	<5	0.31	64	8	0.79	515	<1	0.04	35	1080	9	0.22	<5	4	<10	<5	58	<0.01	<5	26	<5	14	58
90	DR11001-084	<0.2	1.58	5	68	1	5	0.42	<1	18	68	44	4.79	<5	0.64	56	26	0.92	565	<1	0.05	38	670	12	0.29	<5	3	<10	<5	50	0.04	<5	30	<5	10	74
91	DR11001-085	<0.2	1.21	<5	66	1	5	0.57	<1	14	54	66	4.34	<5	0.54	46	20	0.79	420	<1	0.05	34	760	9	0.65	<5	3	<10	<5	64	0.02	<5	22	<5	10	38
92	DR11001-086	<0.2	1.57	<5	86	1	5	0.48	<1	15	60	84	4.43	<5	0.79	46	26	0.86	485	1	0.05	37	1070	9	0.76	<5	3	<10	<5	50	0.04	<5	30	<5	11	40
93	DR11001-087	<0.2	1.51	<5	106	1	5	0.47	<1	14	60	98	3.83	<5	0.94	60	30	0.87	435	<1	0.05	38	640	9	0.70	<5	4	<10	<5	54	0.05	<5	32	<5	11	38
94	DR11001-088	<0.2	1.59	<5	88	1	5	0.49	<1	15	64	58	4.62	<5	0.91	60	32	0.96	565	<1	0.06	35	1160	12	0.41	<5	4	<10	<5	56	0.05	<5	32	<5	13	68
95	DR11001-089	<0.2	1.65	5	84	2	<5	0.57	<1	14	68	24	4.13	<5	0.78	70	36	0.99	535	2	0.05	39	470	12	0.10	<5	4	<10	<5	60	0.05	<5	32	<5	11	78
96	DR11001-090	<0.2	1.62	<5	70	1	5	0.37	<1	16	54	58	4.87	<5	0.66	64	32	0.92	675	1	0.05	38	1300	12	0.43	<5	3	<10	<5	38	0.03	<5	28	<5	15	58
97	DR11001-091	<0.2	1.58	5	78	1	5	0.26	<1	16	66	32	4.39	<5	0.56	64	26	0.86	665	1	0.05	36	570	12	0.15	<5	3	<10	<5	44	0.02	<5	28	<5	10	84
98	DR11001-092	<0.2	1.68	5	74	1	5	0.32	<1	16	70	36	4.27	<5	0.76	64	26	0.89	635	<1	0.05	36	570	12	0.16	<5	4	<10	<5	44	0.05	<5	32	<5	10	82
99	DR11001-093	<0.2	1.75	<5	84	1	5	0.29	<1	16	74	36	4.87	<5	0.92	66	30	1.04	680	<1	0.05	39	680	12	0.11	<5	4	<10	<5	40	0.06	<5	36	<5	11	96
100	DR11001-094	<0.2	1.92	5	92	1	5	0.29	<1	16	76	38	4.69	<5	0.98	58	34	1.04	590	1	0.05	37	600	12	0.18	<5	4	<10	<5	38	0.08	<5	42	<5	9	86
101	DR11001-095	<0.2	1.78	5	74	1	5	0.21	<1	16	84	34	4.80	<5	0.74	60	32	0.99	640	1	0.05	36	550	12	0.15	<5	4	<10	<5	30	0.05	<5	36	<5	10	100
102	DR11001-096	<0.2	1.63	<5	64	1	10	0.26	<1	16	70	52	5.18	<5	0.54	58	28	1.06	655	1	0.05	39	550	15	0.21	<5	3	<10	<5	34	0.03	<5	34	<5	10	100
103	DR11001-097	<0.2	1.61	<5	68	1	5	0.24	<1	15	74	38	4.76	<5	0.63	50	24	0.96	555	1	0.05	36	490	12	0.29	<5	3	<10	<5	32	0.04	<5	30	<5	9	56
104	DR11001-098	<0.2	1.36	<5	76	1	5	0.70	<1	15	70	30	4.57	<5	0.67	54	20	1.03	550	<1	0.05	37	880	15	0.24	<5	3	<10	<5	68	0.03	<5	26	<5	12	56
105	DR11001-099	<0.2	1.79	5	108	1	5	0.90	<1	14	82	30	4.10	<5	0.87	60	34	1.00	540	2	0.06	34	560	12	0.15	<5	4	<10	<5	64	0.06	<5	38	<5	11	80
106	DR11001-100	<0.2	1.92	<5	78	1	10	0.25	<1	17	84	44	5.36	<5	0.73	62	36	1.08	635	1	0.06	41	470	15	0.15	<5	3	<10	<5	30	0.05	<5	38	<5	10	112
107	DR11001-100	>50	1.22	85	82	<1	5	1.84	<1	12	18	766	3.21	<5	0.16	4	8	0.92	805	754	0.06	9	670	45	0.22	55	2	<10	<5	102	0.11	<5	30	<5	3	98
108	DR11001-101	<0.2	1.42	10	80	1	5	0.73	<1	15	76	40	4.04	<5	0.67	54	22	0.90	465	2	0.06	38	470	9	0.35	<5	3	<10	<5	54	0.04	<5	30	<5	11	54
109	DR11001-102	<0.2	1.37	<5	70	1	5	0.42	<1	15	70	36	4.70	<5	0.52	54	22	0.94	555	<1	0.05	37	470	9	0.22	<5	3	<10	<5	40	0.03	<5	26	<5	11	72
110	DR11001-103	<0.2	1.70	<5	82	2	5	0.40	<1	17	86	42	5.12	<5	0.83	58	34	1.08	635	1	0.06	38	500	12	0.14	<5	3	<10	<5	34	0.07	<5	36	<5	12	98
111	DR11001-104	<0.2	1.85	<5	110	2	<5	1.14	<1	14	86	34	3.82	<5	0.98	54	34	0.99	455	2	0.10	36	740	12	0.32	<5	5	<10	<5	70	0.08	<5	40	<5	16	54
112	DR11001-105	<0.2	1.43	5	82	2	5	0.85	<1	14	72	30	3.92	<5	0.77	56	22	0.91	450	<1	0.05	35	560	9	0.27	<5	4	<10	<5	52	0.05	<5	36	<5	12	50

QC DATA:**Repeat:**

1	DR11001-001	<0.2	0.72	<5	80	<1	<5	0.95	<1	10	118	20	1.50	<5	0.27	42	8	0.37	160	<1	0.02	25	160	6	0.24	<5	2	<10	<5	66	<0.01	<5	14	<5	7	24
10	DR11001-010	1.4	0.27	<5	6	<1	175	4.31	<1	101	60	1780	>10	<5	0.05	12	2	0.89	500	<1	0.18	44	120	9	>10	<5	2	10	<5	104	<0.01	<5	12	<5	8	20
19	DR11001-019	<0.2	0.15	15	58	<1	<5	>10	<1	2	10	12	0.61	<5	0.07	6	4	0.35	185	<1	0.02	6	180	<3	0.26	<5	1	<10	<5	938	<0.01	<5	4	<5	4	12
36	DR11001-035	<0.2	0.30	<5	48	<1	<5	1.04	<1	4	208	30	1.19	<5	0.14	12	4	0.19	125	3	0.03	11	140	9	0.39	<5	<1	<10	<5	48	<0.01	<5	6	<5	5	12
45	DR11001-042	<0.2	0.36	45	68	<1	<5	0.81	<1	3	200	10	0.84	<5	0.15	22	4	0.16	95	3	0.04	11	150	9	0.08	<5	<1	<10	<5	46	<0.01	<5	6	<5	6	8
54	DR11001-051	<0.2	0.59	<5	94	1	5	0.68	<1	14	80	26	3.99	<5	0.23	42	6	0.75	565	2	0.05	33	320	12	0.18	<5	3	<10	<5	114	<0.01	<5	20	<5	9	78

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
71	DR11001-067	<0.2	0.31	<5	18	<1	10	1.13	<1	4	196	36	1.52	<5	0.07	16	4	0.30	485	4	0.05	10	120	6	0.43	<5	1	<10	<5	70	<0.01	<5	8	<5	7	22
80	DR11001-076	<0.2	1.43	<5	74	1	5	0.23	<1	15	68	54	4.80	<5	0.61	58	24	0.84	555	1	0.05	37	590	12	0.47	<5	4	<10	<5	48	0.03	<5	28	<5	11	86
89	DR11001-083	<0.2	0.74	<5	42	1	5	1.19	<1	12	62	40	3.72	<5	0.32	64	8	0.78	520	1	0.04	35	1090	9	0.22	<5	4	<10	<5	60	<0.01	<5	26	<5	15	58
106	DR11001-100	<0.2	1.95	<5	78	1	10	0.26	<1	17	84	46	5.35	<5	0.74	62	36	1.13	645	1	0.06	42	480	15	0.15	<5	3	<10	<5	30	0.05	<5	38	<5	11	118

Resplit:

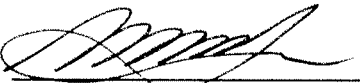
1	DR11001-001	<0.2	0.74	<5	82	<1	<5	1.01	<1	10	114	18	1.48	<5	0.26	40	8	0.36	165	<1	0.02	25	160	6	0.24	<5	2	<10	<5	66	<0.01	<5	14	<5	7	26
36	DR11001-035	<0.2	0.30	<5	48	<1	<5	1.09	<1	4	212	32	1.19	<5	0.15	14	4	0.21	130	3	0.03	12	140	9	0.41	<5	<1	<10	<5	50	<0.01	<5	6	<5	5	12
71	DR11001-067	<0.2	0.32	<5	20	<1	10	1.22	<1	4	216	34	1.56	<5	0.07	16	4	0.31	515	4	0.05	11	130	6	0.43	<5	1	<10	<5	74	<0.01	<5	10	<5	8	24
106	DR11001-100	<0.2	1.76	<5	74	1	5	0.25	<1	17	80	42	5.19	<5	0.71	56	34	1.05	615	1	0.05	41	460	12	0.15	<5	3	<10	<5	28	0.05	<5	36	<5	10	110

Standard:

Pb129a	11.6	0.82	5	68	<1	<5	0.47	60	6	12	1464	1.62	<5	0.10	4	<2	0.67	365	2	0.04	5	410	6147	0.80	15	<1	<10	<5	32	0.05	<5	20	<5	2	>10000
Pb129a	11.6	0.85	5	68	<1	<5	0.46	58	6	12	1420	1.56	<5	0.10	4	<2	0.72	350	2	0.04	5	400	6189	0.79	15	<1	<10	<5	32	0.05	<5	18	<5	2	>10000
Pb129a	11.8	0.85	5	66	<1	<5	0.46	58	6	12	1442	1.58	<5	0.10	4	<2	0.70	350	2	0.04	5	420	6024	0.77	15	<1	<10	<5	32	0.05	<5	18	<5	2	9936
Pb129a	11.2	0.85	5	68	<1	<5	0.44	59	6	12	1452	1.58	<5	0.10	4	<2	0.70	350	2	0.04	5	400	6105	0.81	15	<1	<10	<5	30	0.05	<5	20	<5	2	>10000

ICP: Aqua Regia Digest / ICP- AES Finish.

NM/mb/el
dt/2_974S/1_6126S
XLS/11


ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer



CERTIFICATE OF ASSAY AK 2011-0975

TerraLogic Exploration Inc.

8-Aug-11

#200, 44-12th Ave S.

Cranbrook, BC

V1C 2R7

No. of samples received: 49

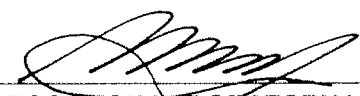
Sample Type: Core

Project: Dragon Lake

Shipment #: DR11-002

Submitted by: M. McCuaig

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	DR11002-001	<0.03	<0.001
2	DR11002-002	0.14	0.004
3	DR11002-003	0.49	0.014
4	DR11002-004	0.05	0.001
5	DR11002-005	0.03	0.001
6	DR11002-006	0.03	0.001
7	DR11002-007	0.06	0.002
8	DR11002-008	<0.03	<0.001
9	DR11002-009	<0.03	<0.001
10	DR11002-010	<0.03	<0.001
11	DR11002-011	<0.03	<0.001
12	DR11002-012	0.03	0.001
13	DR11002-013	0.03	0.001
14	DR11002-014	0.03	0.001
15	DR11002-015	0.03	0.001
16	DR11002-016	0.03	0.001
17	DR11002-017	0.03	0.001
18	DR11002-018	0.05	0.001
19	DR11002-019	0.03	0.001
20	DR11002-020	<0.03	<0.001
21	DR11002-020	1.39	0.041
22	DR11002-021	0.03	0.001
23	DR11002-022	0.05	0.001
24	DR11002-023	0.42	0.012
25	DR11002-024	0.21	0.006
26	DR11002-025	0.06	0.002
27	DR11002-026	0.07	0.002


ECO TECH LABORATORY LTD.



TerraLogic Exploration Inc. AK11-0975

8-Aug-11

ET #.	Tag #	Au (g/t)	Au (oz/t)
28	DR11002-027	0.03	0.001
29	DR11002-028	0.03	0.001
30	DR11002-029	0.03	0.001
31	DR11002-030	0.03	0.001
32	DR11002-031	0.22	0.006
33	DR11002-032	<0.03	<0.001
34	DR11002-033	0.03	0.001
35	DR11002-034	0.03	0.001
36	DR11002-035	0.03	0.001
37	DR11002-036	<0.03	<0.001
38	DR11002-037	<0.03	<0.001
39	DR11002-038	<0.03	<0.001
40	DR11002-039	<0.03	<0.001
41	DR11002-040	<0.03	<0.001
42	DR11002-040	1.43	0.042
43	DR11002-040	<0.03	<0.001
44	DR11002-041	<0.03	<0.001
45	DR11002-042	<0.03	<0.001
46	DR11002-043	0.03	0.001
47	DR11002-044	0.03	0.001
48	DR11002-045	<0.03	<0.001
49	DR11002-046	0.11	0.003

QC DATA:

Repeat:

1	DR11002-001	0.03	0.001
3	DR11002-003	0.50	0.015
10	DR11002-010	0.03	0.001
19	DR11002-019	0.03	0.001
24	DR11002-023	0.44	0.013
36	DR11002-035	0.03	0.001
45	DR11002-042	<0.03	<0.001
49	DR11002-046	0.10	0.003

Resplit:

1	DR11002-001	0.03	0.001
36	DR11002-035	0.03	0.001

Eco Tech Laboratory Ltd.
10041 Dallas Drive
Kamloops, BC
V2C 6T4 Canada
Tel + 250 573 5700
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StewartGroup
Geochemical & Assay

TerraLogic Exploration Inc. AK11-0975

8-Aug-11

ET #.	Tag #	Au (g/t)	Au (oz/t)
Standard:			
OXi81		1.79	0.052
OXK79		3.57	0.104

FA/AA Finish

NM/EL
XLS/11


ECO TECH LABORATORY LTD.

Norman Monteith
B.C. Certified Assayer

Stewart Group
ECO TECH LABORATORY LTD.
 10041 Dallas Drive
KAMLOOPS, B.C.
 V2C 6T4
www.stewartgroupglobal.com

ICP CERTIFICATE OF ANALYSIS AK 2011-0975

TerraLogic Exploration Inc.
 #200, 44-12th Ave S.
Cranbrook, BC
 V1C 2R7

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 49
 Sample Type: Core
Project: Dragon Lake
Shipment #: DR11-002
 Submitted by: M. McCuaig

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	DR11002-001	0.2	1.12	5	128	<1	<5	3.11	2	11	84	64	2.90	<5	0.42	32	14	0.59	440	2	0.03	25	240	6	0.21	<5	4	<10	<5	92	<0.01	<5	20	<5	13	48
2	DR11002-002	0.4	3.07	<5	152	2	<5	5.44	<1	19	90	18	7.12	<5	0.25	28	58	1.76	900	3	0.10	31	360	18	0.24	<5	7	<10	<5	264	0.14	<5	52	<5	15	142
3	DR11002-003	0.4	3.59	5	242	2	<5	4.98	<1	19	58	146	6.63	<5	0.21	32	64	1.40	810	4	0.31	29	1410	18	0.83	<5	5	<10	<5	420	0.13	<5	52	<5	11	100
4	DR11002-004	0.4	3.68	5	258	2	<5	2.71	<1	18	72	118	4.73	<5	0.60	34	48	1.11	360	4	0.44	31	230	15	0.80	<5	5	<10	<5	338	0.19	<5	58	<5	9	58
5	DR11002-005	0.2	4.04	5	354	2	<5	2.51	<1	16	98	98	3.78	<5	0.91	34	44	1.33	260	3	0.40	34	210	18	0.59	<5	8	<10	<5	362	0.20	<5	78	<5	11	44
6	DR11002-006	<0.2	3.23	<5	334	2	<5	3.99	<1	12	110	56	3.25	<5	0.39	26	36	0.94	430	3	0.24	23	150	15	0.49	<5	7	<10	<5	422	0.11	<5	54	<5	12	46
7	DR11002-007	0.4	2.33	<5	158	1	<5	4.06	<1	17	150	182	4.80	<5	0.13	20	44	0.97	690	3	0.14	22	110	15	1.32	<5	5	<10	<5	226	0.12	<5	36	<5	10	38
8	DR11002-008	<0.2	1.01	<5	52	<1	<5	3.31	<1	5	154	32	2.11	<5	0.16	18	16	0.37	510	1	0.05	11	120	6	0.21	<5	4	<10	<5	122	<0.01	<5	16	<5	10	24
9	DR11002-009	0.2	1.50	<5	88	<1	<5	2.79	<1	10	116	54	2.98	<5	0.35	36	24	0.74	440	2	0.06	23	180	12	0.33	<5	4	<10	<5	108	0.01	<5	36	<5	13	32
10	DR11002-010	<0.2	1.56	<5	114	1	<5	0.89	<1	9	48	24	2.40	<5	0.56	72	26	0.77	220	1	0.05	22	390	9	0.12	<5	2	<10	<5	70	0.03	<5	24	<5	14	32
11	DR11002-011	0.2	1.53	5	126	<1	<5	0.97	<1	20	130	54	3.33	<5	0.51	40	34	0.87	225	2	0.07	35	230	12	0.47	<5	4	<10	<5	78	0.03	<5	40	<5	10	38
12	DR11002-012	0.2	1.88	<5	216	1	<5	2.54	<1	16	86	60	4.69	<5	0.67	34	32	0.95	430	2	0.08	31	190	12	0.57	<5	5	<10	<5	88	0.06	<5	48	<5	12	62
13	DR11002-013	0.2	1.85	5	216	1	<5	2.88	<1	15	88	60	4.64	<5	0.65	34	30	0.87	460	2	0.07	30	190	12	0.60	<5	5	<10	<5	92	0.05	<5	44	<5	13	60
14	DR11002-014	0.2	1.73	5	188	1	<5	3.06	<1	15	82	104	4.50	<5	0.48	28	24	0.73	475	2	0.09	32	170	12	0.73	<5	6	<10	<5	120	0.03	<5	42	<5	14	54
15	DR11002-015	0.2	3.10	5	178	2	<5	4.33	<1	19	94	144	5.23	<5	0.37	28	30	0.93	590	3	0.24	38	170	15	0.85	<5	7	<10	<5	682	0.13	<5	50	<5	14	62
16	DR11002-016	0.2	1.62	5	254	1	<5	2.16	<1	12	48	34	3.48	<5	0.66	42	24	0.73	305	2	0.09	28	200	12	0.27	<5	3	<10	<5	122	0.02	<5	30	<5	12	48
17	DR11002-017	<0.2	3.54	5	168	2	<5	4.43	<1	24	86	206	5.63	<5	0.40	26	22	0.77	555	3	0.35	44	140	18	1.49	<5	8	<10	<5	430	0.04	<5	60	<5	13	46
18	DR11002-018	0.2	3.97	<5	660	2	<5	4.57	<1	11	50	42	2.96	<5	0.23	28	26	0.54	505	3	0.48	22	650	18	0.23	<5	4	<10	<5	826	0.13	<5	38	<5	11	52
19	DR11002-019	0.2	2.52	5	332	1	<5	3.87	<1	10	68	68	3.77	<5	0.84	34	14	0.90	430	2	0.28	27	150	12	0.39	<5	6	<10	<5	316	0.11	<5	62	<5	11	48
20	DR11002-020	0.2	2.49	5	224	2	<5	4.44	<1	10	58	84	3.68	<5	0.35	30	18	0.77	590	3	0.28	31	150	15	0.42	<5	7	<10	<5	362	0.02	<5	52	<5	14	46
21	DR11002-020	31.4	0.40	25	220	<1	<5	1.14	<1	8	32	3034	2.60	<5	0.17	8	4	0.16	425	384	0.06	16	370	54	1.02	60	1	<10	<5	270	<0.01	<5	22	<5	4	52
22	DR11002-021	0.4	0.94	5	132	<1	<5	2.98	<1	5	166	110	1.94	<5	0.15	26	8	0.37	405	9	0.07	22	200	9	0.06	5	4	<10	<5	144	<0.01	<5	24	<5	10	32
23	DR11002-022	0.4	0.25	10	120	<1	15	>10	<1	3	18	36	1.29	<5	0.03	4	12	0.36	380	<1	0.03	4	440	<3	0.54	<5	1	<10	<5	736	<0.01	<5	8	<5	3	80
24	DR11002-023	0.4	0.58	15	46	<1	70	>10	<1	3	28	194	2.16	<5	0.04	4	30	1.44	855	1	0.04	5	290	9	0.95	<5	<1	<10	20	880	0.03	<5	8	<5	3	40
25	DR11002-024	0.4	0.31	10	42	<1	50	>10	<1	3	38	198	4.41	<5	0.04	4	14	0.56	1260	<1	0.04	5	300	12	1.47	<5	<1	<10	15	594	<0.01	<5	6	<5	3	68
26	DR11002-025	0.2	0.48	<5	66	<1	<5	3.06	<1	14	100	132	2.96	<5	0.27	22	4	0.53	240	1	0.04	23	260	12	1.64	<5	3	<10	<5	170	<0.01	<5	8	<5	11	20
27	DR11002-026	<0.2	0.62	5	66	<1	<5	1.82	<1	11	110	116	2.43	<5	0.29	24	4	0.37	175	1	0.04	24	320	12	1.26	<5	3	<10	<5	132	<0.01	<5	14	<5	9	20
28	DR11002-027	<0.2	0.96	35	72	1	<5	1.22	<1	12	104	64	3.25	<5	0.36	38	8	0.62	285	2	0.05	21	310	15	0.74	<5	4	<10	<5	178	<0.01	<5	22	<5	10	62
29	DR11002-028	0.2	0.42	15	32	<1	5	1.01	<1	10	294	160	2.69	<5	0.21	22	6	0.43	205	1	0.03	13	720	9	1.28	<5	2	<10	<5	76	<0.01	<5	12	<5	11	18
30	DR11002-029	0.4	0.39	5	34	<1	<5	0.71	<1	12	286	330	4.09	<5	0.15	14	6	0.24	145	2	0.03	10	880	9	2.42	<5	1	<10	<5	42	<0.01	<5	8	<5	9	16

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
31	DR11002-030	<0.2	0.48	<5	36	<1	<5	1.08	<1	14	270	344	4.12	<5	0.13	16	10	0.29	150	1	0.03	13	1070	6	2.54	<5	1	<10	<5	78	<0.01	<5	10	<5	11	10
32	DR11002-031	<0.2	0.31	5	42	<1	15	0.60	<1	3	308	64	1.17	<5	0.15	12	4	0.19	105	1	0.03	7	580	9	0.46	<5	<1	<10	<5	46	<0.01	<5	6	<5	6	8
33	DR11002-032	<0.2	0.31	5	30	<1	<5	0.52	<1	2	318	38	1.04	<5	0.19	12	<2	0.17	120	1	0.02	7	180	3	0.34	<5	<1	<10	<5	42	<0.01	<5	4	<5	3	<2
34	DR11002-033	<0.2	0.39	<5	32	<1	<5	0.54	<1	4	288	28	1.08	<5	0.16	14	4	0.17	125	1	0.03	8	430	9	0.26	<5	<1	<10	<5	26	<0.01	<5	4	<5	4	6
35	DR11002-034	<0.2	0.35	<5	20	<1	<5	0.74	<1	5	260	32	1.25	<5	0.13	14	2	0.26	155	1	0.02	10	410	9	0.47	<5	<1	<10	<5	38	<0.01	<5	4	<5	5	6
36	DR11002-035	<0.2	0.36	20	28	<1	<5	1.11	<1	3	244	34	1.09	<5	0.16	14	8	0.28	140	5	0.03	9	370	9	0.36	<5	<1	<10	<5	62	<0.01	<5	6	<5	6	12
37	DR11002-036	<0.2	0.37	<5	40	<1	<5	1.09	<1	2	228	10	0.94	<5	0.22	20	4	0.24	145	5	0.03	10	140	9	0.13	<5	1	<10	<5	56	<0.01	<5	6	<5	5	10
38	DR11002-037	<0.2	0.71	<5	82	1	<5	1.48	<1	8	118	20	2.22	<5	0.32	46	14	0.70	220	3	0.05	24	330	9	0.14	<5	3	<10	<5	106	<0.01	<5	16	<5	10	36
39	DR11002-038	<0.2	0.90	5	76	1	<5	1.09	<1	10	140	86	2.85	<5	0.33	30	12	0.67	180	3	0.05	25	650	9	0.77	<5	4	<10	<5	136	<0.01	<5	24	<5	9	38
40	DR11002-039	<0.2	0.87	<5	142	1	<5	1.82	<1	6	134	16	2.00	<5	0.24	30	12	0.62	215	3	0.05	19	250	9	0.12	<5	3	<10	<5	130	<0.01	<5	24	<5	10	44
41	DR11002-040	<0.2	0.77	<5	94	1	<5	1.96	<1	9	128	28	2.59	<5	0.25	26	8	0.76	250	3	0.05	20	360	9	0.32	<5	3	<10	<5	136	<0.01	<5	28	<5	10	36
42	DR11002-040	30.8	0.41	25	210	<1	<5	0.06	<1	8	30	3112	2.59	<5	0.19	8	2	0.15	425	399	0.06	16	390	57	1.05	65	<1	<10	<5	224	<0.01	<5	20	<5	3	54
43	DR11002-040	<0.2	0.48	<5	168	<1	<5	0.13	<1	4	10	4	1.49	<5	0.36	8	16	0.32	375	1	0.11	1	190	6	<0.01	<5	4	<10	<5	10	0.10	<5	20	<5	11	20
44	DR11002-041	<0.2	0.59	<5	48	<1	<5	1.40	<1	5	210	60	1.86	<5	0.16	12	6	0.60	205	5	0.05	12	130	6	0.54	<5	2	<10	<5	108	<0.01	<5	14	<5	6	18
45	DR11002-042	<0.2	0.44	<5	48	<1	<5	1.15	<1	5	174	50	1.78	<5	0.13	14	6	0.40	200	4	0.05	11	120	6	0.69	<5	2	<10	<5	74	<0.01	<5	12	<5	6	18
46	DR11002-043	<0.2	0.48	<5	58	<1	<5	1.19	<1	7	176	60	1.72	<5	0.17	16	6	0.44	160	4	0.04	12	400	9	0.65	<5	1	<10	<5	82	<0.01	<5	8	<5	7	12
47	DR11002-044	0.2	0.31	<5	38	<1	<5	0.63	<1	5	216	62	1.40	<5	0.14	16	4	0.27	100	4	0.04	10	150	6	0.63	<5	<1	<10	<5	50	<0.01	<5	6	<5	6	8
48	DR11002-045	0.2	0.57	<5	80	<1	<5	0.90	<1	7	186	46	1.77	<5	0.26	20	8	0.32	180	4	0.06	15	460	9	0.44	<5	2	<10	<5	66	<0.01	<5	14	<5	8	20
49	DR11002-046	0.2	0.42	5	56	<1	55	1.14	<1	10	194	116	2.69	<5	0.19	16	4	0.46	185	4	0.06	12	460	15	1.20	<5	1	<10	<5	84	<0.01	<5	10	<5	8	16

QC DATA:**Repeat:**

1	DR11002-001	<0.2	1.14	5	126	1	<5	3.14	<1	12	86	68	2.87	<5	0.43	32	16	0.60	430	1	0.03	26	240	6	0.19	<5	4	<10	<5	96	<0.01	<5	20	<5	13	50
10	DR11002-010	<0.2	1.61	5	122	1	<5	0.92	<1	9	46	24	2.42	<5	0.55	72	26	0.78	220	1	0.06	22	410	9	0.12	<5	2	<10	<5	74	0.04	<5	26	<5	14	36
19	DR11002-019	<0.2	2.53	<5	344	1	<5	4.00	<1	11	72	72	3.90	<5	0.86	32	14	0.92	455	3	0.29	29	150	12	0.41	<5	7	<10	<5	322	0.11	<5	62	<5	11	52
36	DR11002-035	<0.2	0.35	20	26	<1	<5	1.04	<1	3	238	32	1.07	<5	0.15	14	8	0.27	135	5	0.03	9	380	6	0.34	<5	<1	<10	<5	58	<0.01	<5	6	<5	6	10
45	DR11002-042	<0.2	0.45	<5	48	<1	<5	1.15	<1	5	176	52	1.79	<5	0.14	14	6	0.41	205	4	0.05	11	120	6	0.69	<5	2	<10	<5	76	<0.01	<5	12	<5	6	18

Resplit:

1	DR11002-001	<0.2	1.03	<5	118	<1	<5	3.21	<1	10	78	64	2.79	<5	0.40	30	16	0.63	485	2	0.03	23	260	6	0.22	<5	4	<10	<5	110	<0.01	<5	18	<5	13	44
36	DR11002-035	<0.2	0.37	15	28	<1	<5	1.04	<1	3	232	32	1.08	<5	0.16	14	8	0.29	135	5	0.03	10	410	6	0.35	<5	<1	<10	<5	60	<0.01	<5	6	<5	7	8

Standard:

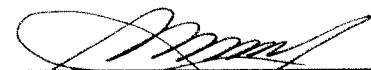
Pb129a	11.4	0.82	5	80	<1	<5	0.47	62	6	10	1430	1.65	<5	0.11	4	<2	0.70	370	3	0.04	4	420	6294	0.83	15	1	<10	<5	32	0.06	<5	22	<5	3	>10000
Pb129a	11.6	0.81	5	76	<1	<5	0.44	62	6	10	1408	1.61	<5	0.11	4	<2	0.68	385	3	0.04	4	420	6282	0.82	15	<1	<10	<5	30	0.06	<5	22	<5	2	>10000

ICP: Aqua Regia Digest / ICP- AES Finish.

NM/mb/el

dt/1_1111S

XLS/11



ECO TECH LABORATORY LTD.

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StewartGroup
 Geochemical & Assay

CERTIFICATE OF ASSAY AW 2011-8194

TerraLogic Exploration Inc.

31-Aug-11

#200, 44-12th Ave S.

Cranbrook, BC

V1C 2R7

No. of samples received: 68

Sample Type: Core

Project: Dragon Lake

Shipment #: DR11-003

Submitted by: M. McCuaig

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	DR11003-001	<0.03	<0.001		
2	DR11003-002	<0.03	<0.001		
3	DR11003-003	<0.03	<0.001		
4	DR11003-004	<0.03	<0.001		
5	DR11003-005	<0.03	<0.001		
6	DR11003-006	<0.03	<0.001		
7	DR11003-007	0.04	0.001		
8	DR11003-008	0.89	0.026		
9	DR11003-009	0.41	0.012		
10	DR11003-010	0.22	0.006		
11	DR11003-011	0.32	0.009		
12	DR11003-012	0.03	0.001		
13	DR11003-013	<0.03	<0.001		
14	DR11003-014	0.04	0.001		
15	DR11003-015	<0.03	<0.001		
16	DR11003-016	<0.03	<0.001		
17	DR11003-017	<0.03	<0.001		
18	DR11003-018	<0.03	<0.001		
19	DR11003-019	<0.03	<0.001		
20	DR11003-020	<0.03	<0.001		
21	DR11003-020S	1.43	0.042		
22	DR11003-021	<0.03	<0.001		
23	DR11003-022	<0.03	<0.001		
24	DR11003-023	<0.03	<0.001		
25	DR11003-024	<0.03	<0.001		
26	DR11003-025	<0.03	<0.001		
27	DR11003-026	<0.03	<0.001		
28	DR11003-027	<0.03	<0.001		


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TerraLogic Exploration Inc. AW11-8194

31-Aug-11

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
29	DR11003-028	<0.03	<0.001		
30	DR11003-029	<0.03	<0.001		
31	DR11003-030	<0.03	<0.001		
32	DR11003-031	0.07	0.002		
33	DR11003-032	0.04	0.001		
34	DR11003-033	<0.03	<0.001		
35	DR11003-034	<0.03	<0.001		
36	DR11003-035	<0.03	<0.001		
37	DR11003-036	<0.03	<0.001		
38	DR11003-037	<0.03	<0.001		
39	DR11003-038	<0.03	<0.001		
40	DR11003-039	0.03	0.001		
41	DR11003-040	<0.03	<0.001		
42	DR11003-040S	3.50	0.102	73.9	2.16
43	DR11003-040B	<0.03	<0.001		
44	DR11003-041	<0.03	<0.001		
45	DR11003-042	<0.03	<0.001		
46	DR11003-043	<0.03	<0.001		
47	DR11003-044	<0.03	<0.001		
48	DR11003-045	<0.03	<0.001		
49	DR11003-046	0.03	0.001		
50	DR11003-047	0.04	0.001		
51	DR11003-048	0.07	0.002		
52	DR11003-049	<0.03	<0.001		
53	DR11003-050	<0.03	<0.001		
54	DR11003-051	<0.03	<0.001		
55	DR11003-052	<0.03	<0.001		
56	DR11003-053	<0.03	<0.001		
57	DR11003-054	<0.03	<0.001		
58	DR11003-055	<0.03	<0.001		
59	DR11003-056	<0.03	<0.001		
60	DR11003-057	0.03	0.001		
61	DR11003-058	0.03	0.001		
62	DR11003-059	<0.03	<0.001		
63	DR11003-060	0.06	0.002		
64	DR11003-060S	1.45	0.042		
65	DR11003-061	0.03	0.001		
66	DR11003-062	<0.03	<0.001		
67	DR11003-063	0.03	0.001		
68	DR11003-064	0.03	0.001		

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StewartGroup
 Geochemical & Assay

TerraLogic Exploration Inc. AW11-8194

31-Aug-11

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
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QC DATA:

Repeat:

1	DR11003-001	<0.03	<0.001		
8	DR11003-008	0.90	0.026		
10	DR11003-010	0.22	0.006		
11	DR11003-011	0.34	0.010		
19	DR11003-019	<0.03	<0.001		
36	DR11003-035	<0.03	<0.001		
45	DR11003-042	<0.03	<0.001		
54	DR11003-051	0.04	0.001		

Resplit:

1	DR11003-001	<0.03	<0.001		
36	DR11003-035	0.03	0.001		

Standard:

OXi81	1.86	0.054		
OXK69	3.53	0.103		
GBM908-14			301	8.78

FA/AA Finish

NM/mb/el
 XLS/11

ECO TECH LABORATORY LTD.

Norman Monteith
 B.C. Certified Assayer

Stewart Group
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ICP CERTIFICATE OF ANALYSIS AW 2011-8194

TerraLogic Exploration Inc.
 #200, 44-12th Ave S.
Cranbrook, BC
 V1C 2R7

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 68

Sample Type: Core

Project: Dragon Lake

Shipment #: DR11-003

Submitted by: M. McCuaig

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	DR11003-001	<0.2	0.35	<5	28	<1	<5	2.01	<1	5	350	36	1.39	<5	0.14	16	4	0.21	245	1	0.02	22	100	6	0.07	<5	2	<10	<5	40	<0.01	<5	8	<5	7	16
2	DR11003-002	<0.2	0.52	<5	50	<1	<5	2.02	<1	3	226	20	1.18	<5	0.24	30	10	0.15	235	1	0.02	17	170	3	0.03	<5	2	<10	<5	54	<0.01	<5	8	<5	8	16
3	DR11003-003	<0.2	0.53	<5	46	<1	<5	2.79	<1	2	298	12	0.93	<5	0.12	14	12	0.15	270	<1	0.02	11	80	6	0.04	<5	3	<10	<5	68	<0.01	<5	8	<5	6	22
4	DR11003-004	<0.2	0.40	<5	32	<1	5	>10	<1	3	266	12	3.20	<5	0.16	18	2	0.52	1375	1	0.02	9	70	<3	1.13	<5	2	<10	<5	244	<0.01	<5	6	<5	18	10
5	DR11003-005	<0.2	0.37	<5	28	<1	<5	2.45	<1	2	286	24	0.81	<5	0.14	10	6	0.12	300	1	0.01	10	70	6	0.02	<5	2	<10	<5	60	<0.01	<5	6	<5	7	28
6	DR11003-006	<0.2	1.26	<5	78	<1	<5	2.10	<1	2	274	18	1.03	<5	0.07	14	20	0.48	250	<1	0.03	12	70	9	0.05	<5	3	<10	<5	104	0.01	<5	16	<5	6	20
7	DR11003-007	<0.2	1.36	<5	102	<1	<5	1.93	<1	4	246	30	1.68	<5	0.08	10	22	0.61	320	1	0.14	14	80	9	0.14	<5	3	<10	<5	126	0.05	<5	18	<5	6	18
8	DR11003-008	<0.2	1.99	<5	106	<1	25	2.88	<1	9	130	28	2.56	<5	0.18	24	24	0.93	605	1	0.12	19	150	15	0.06	<5	5	<10	<5	160	0.07	<5	34	<5	7	36
9	DR11003-009	<0.2	1.52	<5	10	<1	40	7.08	<1	10	74	100	8.30	<5	0.01	6	16	0.91	1320	<1	0.05	13	1570	12	1.81	<5	2	<10	15	122	0.06	<5	16	5	7	70
10	DR11003-010	<0.2	1.16	<5	20	<1	25	6.39	<1	10	72	100	6.64	<5	0.05	10	18	0.96	1045	<1	0.05	12	380	9	2.15	<5	3	<10	30	178	0.05	<5	14	5	7	54
11	DR11003-011	3.6	1.29	<5	14	<1	50	3.69	<1	10	30	98	7.47	<5	0.02	2	40	1.27	1160	<1	0.06	16	140	15	0.79	<5	<1	<10	5	222	0.03	<5	8	5	3	142
12	DR11003-012	<0.2	1.60	<5	66	2	10	3.31	<1	12	40	136	7.81	<5	0.05	8	44	1.19	1200	<1	0.09	19	80	18	0.97	<5	1	<10	<5	176	0.05	<5	12	5	3	96
13	DR11003-013	<0.2	3.01	<5	98	3	5	4.79	<1	9	84	8	4.22	<5	0.13	46	36	1.12	930	1	0.12	15	120	15	0.13	<5	6	<10	10	192	0.20	<5	40	<5	10	68
14	DR11003-014	<0.2	2.85	10	100	4	10	5.44	<1	17	90	116	5.83	<5	0.13	50	50	1.18	1310	1	0.10	22	140	18	1.97	<5	7	<10	10	170	0.17	<5	48	<5	11	104
15	DR11003-015	<0.2	1.94	5	134	1	<5	1.54	<1	12	82	40	3.13	<5	0.55	44	42	1.02	340	1	0.07	40	190	12	0.27	<5	3	<10	<5	82	0.07	<5	30	<5	12	42
16	DR11003-016	<0.2	1.91	5	96	<1	<5	2.74	<1	20	104	52	3.54	<5	0.41	42	34	0.98	300	1	0.10	38	360	15	0.56	<5	4	<10	<5	86	0.03	<5	40	<5	12	44
17	DR11003-017	<0.2	2.15	<5	154	1	<5	1.96	<1	19	86	104	3.57	<5	0.67	32	28	0.94	205	1	0.11	50	260	12	0.73	<5	5	<10	<5	110	0.04	<5	38	<5	10	40
18	DR11003-018	<0.2	2.06	<5	134	<1	<5	1.36	<1	14	134	36	3.25	<5	0.85	40	38	1.03	195	1	0.10	37	220	12	0.27	<5	5	<10	<5	104	0.10	<5	50	<5	13	46
19	DR11003-019	<0.2	1.45	<5	66	1	<5	3.15	<1	12	134	140	2.47	<5	0.16	20	16	0.51	325	1	0.11	40	160	12	0.63	<5	6	<10	<5	222	<0.01	<5	32	<5	13	32
20	DR11003-020	<0.2	1.57	<5	64	<1	<5	2.64	<1	12	88	38	2.57	<5	0.38	36	20	0.77	265	<1	0.10	30	270	12	0.26	<5	5	<10	<5	160	0.02	<5	38	<5	15	32
21	DR11003-020S	30.9	0.38	20	214	<1	5	1.15	<1	8	30	3050	2.56	<5	0.17	8	2	0.15	405	392	0.05	19	390	51	1.03	65	<1	<10	<5	218	<0.01	<5	16	<5	4	50
22	DR11003-021	<0.2	2.14	<5	136	1	<5	3.02	<1	7	110	14	1.69	<5	0.28	28	22	0.81	195	2	0.20	28	230	12	0.07	<5	7	<10	<5	230	0.02	<5	48	<5	15	36
23	DR11003-022	<0.2	1.09	<5	44	<1	<5	2.83	<1	5	160	34	2.05	<5	0.13	26	10	0.48	360	<1	0.09	19	120	12	0.19	<5	5	<10	<5	144	0.01	<5	30	<5	11	38
24	DR11003-023	<0.2	1.09	<5	64	<1	<5	2.78	<1	3	216	14	1.82	<5	0.06	16	8	0.34	370	<1	0.08	10	70	9	0.13	<5	3	<10	<5	122	<0.01	<5	16	<5	7	26
25	DR11003-024	<0.2	0.80	<5	62	<1	<5	2.72	<1	3	316	12	1.96	<5	0.08	14	6	0.33	390	1	0.07	14	70	9	0.09	<5	2	<10	<5	112	<0.01	<5	14	<5	7	24
26	DR11003-025	<0.2	1.09	<5	30	<1	<5	2.49	<1	4	234	14	2.56	<5	0.03	10	12	0.49	500	<1	0.06	10	70	12	0.11	<5	3	<10	<5	120	0.03	<5	16	<5	5	40
27	DR11003-026	<0.2	1.35	<5	40	1	<5	3.22	<1	5	206	16	3.02	<5	0.04	14	14	0.54	545	1	0.07	14	80	12	0.13	<5	3	<10	<5	188	0.04	<5	20	<5	7	78
28	DR11003-027	<0.2	0.72	<5	68	1	<5	3.94	<1	11	92	28	3.34	<5	0.30	32	6	0.58	450	<1	0.05	28	240	9	0.25	<5	4	<10	<5	116	<0.01	<5	14	<5	11	36
29	DR11003-028	<0.2	1.27	<5	128	1	<5	4.70	<1	9	54	26	2.59	<5	0.28	32	8	0.68	410	<1	0.09	32	210	12	0.12	<5	6	<10	<5	210	<0.01	<5	34	<5	14	36
30	DR11003-029	<0.2	2.79	<5	516	2	<5	3.63	<1	6	104	26	2.69	<5	0.19	24	24	0.56	330	1	0.24	17	140	15	0.28	<5	6	<10	<5	584	0.10	<5	34	<5	10	42

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
31	DR11003-030	<0.2	1.46	5	218	1	<5	2.42	<1	10	132	58	2.23	<5	0.19	30	12	0.53	260	1	0.12	38	210	9	0.31	<5	7	<10	<5	164	0.01	<5	42	<5	11	36
32	DR11003-031	<0.2	0.71	20	46	<1	10	3.59	<1	9	126	120	2.87	<5	0.19	28	6	0.69	415	<1	0.04	18	160	9	1.13	<5	4	<10	<5	140	<0.01	<5	20	<5	11	26
33	DR11003-032	<0.2	0.80	10	56	<1	10	2.56	<1	12	122	114	3.42	<5	0.23	28	8	0.67	350	<1	0.04	24	280	9	1.08	<5	4	<10	<5	118	<0.01	<5	28	<5	11	28
34	DR11003-033	<0.2	0.88	5	74	1	5	1.40	<1	16	104	44	3.98	<5	0.37	34	8	0.93	305	<1	0.05	37	310	12	0.29	<5	5	<10	<5	100	<0.01	<5	32	<5	9	58
35	DR11003-034	<0.2	0.76	<5	50	<1	<5	2.24	<1	9	92	18	3.37	<5	0.29	52	6	1.04	385	<1	0.03	27	760	12	0.06	<5	3	<10	<5	86	<0.01	<5	20	<5	12	54
36	DR11003-035	<0.2	0.69	<5	44	1	5	1.30	<1	11	178	20	3.76	<5	0.24	34	6	0.91	310	<1	0.04	32	330	9	0.15	<5	3	<10	<5	84	<0.01	<5	22	<5	8	64
37	DR11003-036	<0.2	0.79	<5	58	2	5	0.74	<1	16	136	34	4.78	<5	0.29	42	8	0.93	275	<1	0.05	36	360	12	0.15	<5	3	<10	<5	82	<0.01	<5	24	<5	10	88
38	DR11003-037	<0.2	2.33	5	92	2	<5	2.07	<1	8	82	12	2.50	<5	0.70	48	34	0.90	220	2	0.12	33	610	12	0.08	<5	5	<10	<5	172	0.05	<5	34	<5	19	48
39	DR11003-038	<0.2	1.60	<5	90	2	<5	1.06	<1	14	114	30	4.03	<5	0.91	50	26	0.90	280	1	0.05	38	520	12	0.12	<5	3	<10	<5	70	0.09	<5	28	<5	12	84
40	DR11003-039	<0.2	1.87	<5	82	1	<5	1.50	<1	8	146	28	2.69	<5	0.56	30	24	0.76	285	1	0.13	24	250	12	0.46	<5	4	<10	<5	166	0.06	<5	28	<5	10	38
41	DR11003-040	<0.2	2.23	<5	98	1	<5	1.17	<1	14	172	22	3.99	<5	1.20	38	40	1.04	270	2	0.09	36	390	12	0.13	<5	4	<10	<5	110	0.14	<5	38	<5	12	84
42	DR11003-040S	>50	1.17	80	82	<1	<5	1.87	<1	12	18	760	3.31	<5	0.17	4	8	0.94	810	792	0.06	10	700	45	0.24	60	2	<10	<5	98	0.12	<5	32	<5	4	96
43	DR11003-040B	<0.2	0.51	<5	170	<1	<5	0.14	<1	4	8	6	1.51	<5	0.38	10	14	0.34	360	2	0.10	2	190	6	0.01	<5	4	<10	<5	12	0.11	<5	16	<5	12	26
44	DR11003-041	<0.2	0.19	<5	10	<1	<5	0.85	<1	5	334	34	1.05	<5	0.06	4	2	0.13	90	1	0.02	11	130	3	0.29	<5	<1	<10	<5	40	<0.01	<5	4	<5	3	8
45	DR11003-042	<0.2	0.84	<5	46	1	<5	1.50	<1	10	250	52	3.11	<5	0.35	36	12	0.76	300	1	0.05	28	290	9	0.43	<5	3	<10	<5	114	0.02	<5	24	<5	12	42
46	DR11003-043	<0.2	1.17	<5	60	1	<5	1.62	<1	8	100	26	2.65	<5	0.54	58	20	0.71	235	1	0.04	29	500	12	0.24	<5	4	<10	<5	80	0.02	<5	26	<5	17	52
47	DR11003-044	<0.2	1.31	<5	68	1	<5	0.96	<1	12	192	56	3.49	<5	0.60	50	24	0.91	270	1	0.06	35	530	9	0.60	<5	5	<10	<5	82	0.06	<5	32	<5	12	40
48	DR11003-045	<0.2	1.86	<5	94	2	<5	1.18	<1	13	84	24	3.56	<5	0.72	56	34	1.05	300	<1	0.11	38	490	12	0.29	<5	5	<10	<5	92	0.08	<5	36	<5	13	56
49	DR11003-046	<0.2	0.73	<5	54	2	<5	0.65	<1	13	234	26	3.61	<5	0.30	48	8	0.65	240	<1	0.04	31	230	9	0.10	<5	2	<10	<5	60	<0.01	<5	22	<5	12	58
50	DR11003-047	<0.2	0.33	<5	22	<1	<5	2.03	<1	3	156	36	1.16	<5	0.11	18	2	0.42	165	<1	0.03	9	110	6	0.28	<5	1	<10	<5	92	<0.01	<5	10	<5	8	10
51	DR11003-048	<0.2	0.37	<5	20	<1	5	1.27	<1	5	388	72	1.45	<5	0.10	22	4	0.31	175	1	0.03	14	150	6	0.48	<5	1	<10	<5	70	<0.01	<5	10	<5	9	12
52	DR11003-049	<0.2	0.42	<5	34	<1	<5	0.72	<1	5	158	32	1.71	<5	0.16	26	4	0.33	145	<1	0.03	15	130	12	0.34	<5	1	<10	<5	52	<0.01	<5	12	<5	8	18
53	DR11003-050	<0.2	0.96	<5	58	2	<5	1.98	<1	10	118	12	3.28	<5	0.26	56	10	0.69	340	1	0.05	40	700	9	0.04	<5	4	<10	<5	104	<0.01	<5	36	<5	16	56
54	DR11003-051	<0.2	0.65	<5	52	1	<5	2.49	<1	8	92	42	2.65	<5	0.25	38	6	1.01	295	<1	0.05	25	380	6	0.39	<5	3	<10	<5	164	<0.01	<5	22	<5	15	38
55	DR11003-052	<0.2	0.96	5	72	2	<5	0.94	<1	12	100	14	3.87	<5	0.39	58	14	0.85	310	<1	0.05	38	660	9	0.09	<5	3	<10	<5	68	0.02	<5	30	<5	16	70
56	DR11003-053	<0.2	1.36	<5	86	2	5	0.86	<1	15	72	24	5.07	<5	0.64	52	26	1.10	545	<1	0.06	37	640	15	0.10	<5	4	<10	<5	78	0.06	<5	36	<5	11	106
57	DR11003-054	<0.2	1.27	<5	92	2	<5	1.14	<1	13	114	30	4.24	<5	0.51	58	24	0.97	435	<1	0.06	37	480	9	0.16	<5	3	<10	<5	76	0.04	<5	30	<5	13	68
58	DR11003-055	<0.2	1.10	<5	72	2	5	0.70	<1	13	62	22	4.25	<5	0.40	66	20	0.78	485	<1	0.05	36	460	9	0.16	<5	3	<10	<5	60	0.01	<5	26	<5	16	82
59	DR11003-056	<0.2	0.72	<5	64	1	5	1.36	<1	13	70	28	4.74	<5	0.33	58	16	1.05	510	<1	0.05	39	520	9	0.25	10	4	<10	<5	100	<0.01	<5	18	<5	12	86
60	DR11003-057	<0.2	0.67	15	54	1	10	1.19	<1	13	52	40	4.41	<5	0.34	62	16	0.94	575	<1	0.05	36	720	12	0.38	15	3	<10	<5	94	<0.01	<5	12	<5	13	86
61	DR11003-058	<0.2	0.89	<5	62	2	5	0.99	<1	11	96	28	4.02	<5	0.39	60	18	0.91	380	<1	0.05	34	510	9	0.15	<5	2	<10	<5	86	<0.01	<5	16	<5	11	70
62	DR11003-059	<0.2	0.87	<5	64	2	5	0.98	5	14	44	32	4.73	<5	0.35	62	12	1.09	330	<1	0.05	36	490	15	0.13	<5	2	<10	<5	120	<0.01	<5	20	<5	12	214
63	DR11003-060	<0.2	0.28	<5	18	<1	<5	0.57	<1	4	384	14	1.52	<5	0.13	14	12	0.31	305	1	0.03	14	110	9	0.17	5	1	<10	<5	50	<0.01	<5	6	<5	3	26
64	DR11003-060S	31.0	0.37	20	216	<1	5	1.13	<1	8	30	3106	2.61	<5	0.17	8	2	0.15	400	384	0.05	19	380	54	1.05	65	<1	<10	<5	224	<0.01	<5	16	<5	4	52
65	DR11003-061	<0.2	0.23	<5	18	<1	<5	0.58	<1	4	232	16	1.34	<5	0.12	10	10	0.29	250	1	0.03	10	120	9	0.30	<5	1	<10	<5	46	<0.01	<5	4	<5	3	28
66	DR11003-062	<0.2	0.25	<5	20	<1	<5	0.48	<1	3	382	28	1.28	<5	0.14	12	6	0.21	175	1	0.03	12	100	6	0.37	5	<1	<10	<5	34	<0.01	<5	4	<5	3	12
67	DR11003-063	<0.2	0.28	<5	34	<1	<5	0.80	<1	3	180	24	1.21	<5	0.13	20	6	0.36	240	<1	0.03	10	150	9	0.14	<5	1	<10	<5	66	<0.01	<5	8	<5	5	24
68	DR11003-064	<0.2	0.29	<5	34	<1	<5	0.34	<1	4	342	14	1.39	<5	0.13	20	4	0.24	260	1	0.05	14	130	15	0.09	<5	1	<10	<5	40	<0.01	<5	10	<5	3	28

QC DATA:**Repeat:**

1	DR11003-001	<0.2	0.33	<5	28	<1	<5	2.00	<1	4	340	34	1.39	<5	0.14	16	4	0.21	245	1	0.02	22	100	6	0.07	5	2	<10	<5	40	<0.01	<5	8	<5	7	16
10	DR11003-010	<0.2	1.15	<5	20	<1	25	6.37	<1	10	74	102	6.77	<5	0.05	10	18	0.99	1055	<1	0.05	13	380	9	2.19	<5	3	<10	30	182	0.05	<5	14	5	7	54
19	DR11003-019	<0.2	1.41	<5	66	1	<5	3.12	<1	12	136	136	2.53	<5	0.16	20	16	0.53	325	1	0.11	40	160	12	0.64	<5	6	<10	<5	214	<0.01	<5	32	<5	13	30

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
36	DR11003-035	<0.2	0.70	<5	44	1	5	1.32	<1	11	180	22	3.85	<5	0.24	34	6	0.93	315	<1	0.04	32	330	9	0.15	<5	4	<10	<5	86	<0.01	<5	22	<5	8	66
45	DR11003-042	<0.2	0.83	<5	46	1	<5	1.51	<1	10	250	50	3.13	<5	0.34	36	12	0.74	305	1	0.05	28	290	9	0.42	<5	3	<10	<5	112	0.02	<5	24	<5	12	42
54	DR11003-051	<0.2	0.64	<5	54	1	<5	2.51	<1	8	94	42	2.72	<5	0.25	38	6	1.03	300	<1	0.05	25	380	6	0.39	<5	3	<10	<5	166	<0.01	<5	22	<5	15	40

Resplit:

1	DR11003-001	<0.2	0.30	<5	26	<1	<5	2.18	<1	4	334	32	1.31	<5	0.13	16	4	0.21	240	<1	0.02	17	90	6	0.06	<5	2	<10	<5	42	<0.01	<5	8	<5	7	16
36	DR11003-035	<0.2	0.73	<5	48	1	5	1.40	<1	11	188	20	3.91	<5	0.26	38	6	0.95	320	<1	0.04	30	350	9	0.15	<5	4	<10	<5	90	<0.01	<5	22	<5	9	62

Standard:

Pb129a	11.6	0.82	5	70	<1	<5	0.45	58	6	12	1428	1.62	<5	0.10	4	<2	0.71	360	2	0.03	5	410	6240	0.79	15	<1	<10	<5	34	0.06	<5	18	10	3	>10000
Pb129a	11.4	0.81	5	70	<1	<5	0.44	57	6	12	1412	1.65	<5	0.10	4	<2	0.72	360	2	0.03	5	400	6225	0.81	15	<1	<10	<5	34	0.05	<5	18	10	3	>10000

ICP: Aqua Regia Digest / ICP- AES Finish.

NM/mb/el
df/2_8194S
XLS/11


ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer



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

To: ECO- TECH LABORATORIES LTD.
10041 DALLAS DR
KAMLOOPS BC V2C 6T4

Page: 1
Finalized Date: 22- OCT- 2011
Account: UX

CERTIFICATE AC11202158

Project: Terra Logic 11- 8199

P.O. No.: Dragon Lake

This report is for 170 Pulp samples submitted to our lab in Anchorage, AK, USA on 26- SEP- 2011.

The following have access to data associated with this certificate:

LYNNE BRUCE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- QC	QC Test on Received Samples

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: ECO- TECH LABORATORIES LTD.
ATTN: LYNNE BRUCE
10041 DALLAS DR
KAMLOOPS BC V2C 6T4

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: ECO- TECH LABORATORIES LTD.
10041 DALLAS DR
KAMLOOPS BC V2C 6T4Page: 2 - A
Total # Pages: 6 (A - C)
Finalized Date: 22- OCT- 2011
Account: UX

Project: Terra Logic 11- 8199

CERTIFICATE OF ANALYSIS AC11202158

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11004- 001		0.47	<0.01	<0.2	3.92	7	<10	60	1.0	<2	2.82	<0.5	5	231	48	1.64
DR11004- 001R/S		0.47	<0.01	<0.2	4.15	5	<10	60	1.0	<2	2.97	<0.5	5	137	48	1.55
DR11004- 002		0.46	0.01	<0.2	4.93	2	<10	160	1.5	2	2.81	<0.5	10	147	47	2.41
DR11004- 003		0.46	0.83	0.4	3.93	141	<10	40	0.9	157	3.20	<0.5	8	163	225	2.45
DR11004- 004		0.50	0.01	<0.2	2.71	<2	<10	30	0.5	5	2.21	<0.5	3	293	56	1.24
DR11004- 005		0.46	0.05	0.2	2.49	<2	<10	10	<0.5	28	2.10	<0.5	3	314	112	1.81
DR11004- 006		0.48	0.02	0.3	2.28	<2	<10	20	<0.5	16	1.95	<0.5	2	202	96	1.38
DR11004- 007		0.41	0.03	<0.2	1.39	4	<10	10	<0.5	10	1.93	<0.5	2	313	73	2.19
DR11004- 008		0.50	0.04	0.2	1.74	<2	<10	<10	0.5	18	4.47	<0.5	4	58	144	5.01
DR11004- 009		0.51	0.18	0.3	2.13	<2	<10	<10	<0.5	75	5.38	<0.5	10	97	487	8.29
DR11004- 010		0.49	0.16	0.3	2.13	2	<10	<10	<0.5	57	6.13	<0.5	8	107	425	8.23
DR11004- 011		0.52	0.31	0.4	1.86	<2	<10	<10	<0.5	56	8.9	<0.5	5	73	363	8.16
DR11004- 012		0.53	0.50	0.6	2.33	2	<10	10	<0.5	139	4.52	<0.5	15	70	677	9.96
DR11004- 013		0.52	0.41	0.4	2.10	<2	<10	<10	<0.5	88	3.98	<0.5	18	48	851	11.40
DR11004- 014		0.50	0.09	<0.2	2.06	<2	<10	<10	<0.5	17	9.7	<0.5	2	125	207	6.86
DR11004- 015		0.49	0.21	0.2	1.74	2	<10	<10	<0.5	34	5.47	<0.5	9	69	437	7.64
DR11004- 016		0.51	0.50	0.2	1.88	<2	<10	<10	<0.5	73	5.19	<0.5	6	82	307	6.48
DR11004- 017		0.52	0.81	0.4	2.03	<2	<10	<10	<0.5	98	5.90	<0.5	8	76	539	8.56
DR11004- 018		0.50	0.14	<0.2	2.00	<2	<10	<10	<0.5	49	7.7	<0.5	2	81	206	6.29
DR11004- 019		0.52	<0.01	<0.2	5.74	6	<10	80	1.4	2	3.76	<0.5	10	62	51	2.32
DR11004- 020		0.51	0.13	0.4	5.58	3	<10	120	1.3	55	4.91	<0.5	8	75	270	4.20
DR11004- 020S		0.05	3.49	78.9	1.38	92	<10	80	<0.5	8	2.14	<0.5	9	18	779	3.31
DR11004- 021		0.51	0.02	0.4	6.63	3	<10	140	2.2	17	4.49	<0.5	9	138	236	3.74
DR11004- 022		0.51	<0.01	<0.2	2.86	3	<10	80	1.3	<2	1.59	<0.5	11	91	52	2.80
DR11004- 023		0.51	0.01	<0.2	6.03	2	<10	120	2.2	7	3.49	<0.5	10	72	50	2.18
DR11004- 024		0.52	<0.01	<0.2	4.80	<2	<10	70	1.2	2	3.64	<0.5	3	83	17	0.92
DR11004- 025		0.49	0.02	<0.2	5.48	<2	<10	50	0.8	17	4.37	<0.5	7	83	107	2.65
DR11004- 026		0.49	0.01	<0.2	5.59	3	30	30	1.7	5	6.6	<0.5	7	61	47	2.43
DR11004- 027		0.48	0.01	<0.2	5.35	<2	<10	90	1.6	<2	3.30	<0.5	9	96	32	2.73
DR11004- 028		0.51	<0.01	<0.2	5.59	<2	<10	80	1.7	2	3.19	<0.5	4	76	16	1.89
DR11004- 029		0.51	<0.01	<0.2	6.05	<2	<10	80	1.5	<2	3.81	<0.5	5	94	41	2.33
DR11004- 030		0.50	<0.01	<0.2	5.68	<2	<10	40	1.2	<2	3.75	<0.5	4	109	30	1.45
DR11004- 031		0.49	0.01	<0.2	5.26	2	<10	60	1.2	6	3.54	<0.5	5	127	41	1.51
DR11004- 032		0.50	<0.01	<0.2	5.81	9	<10	90	1.0	<2	3.24	<0.5	8	124	35	2.18
DR11004- 033		0.47	<0.01	<0.2	4.58	9	<10	120	1.0	<2	2.10	<0.5	17	133	47	4.07
DR11004- 034		0.49	<0.01	<0.2	5.97	2	<10	80	1.4	<2	4.40	<0.5	4	51	7	1.78
DR11004- 035		0.45	0.09	0.2	2.41	3	<10	10	<0.5	20	5.21	<0.5	8	62	222	6.46
DR11004- 036		0.49	0.09	0.2	1.19	<2	<10	<10	<0.5	18	4.71	<0.5	4	50	158	4.05
DR11004- 036R/S		0.55	0.15	0.2	1.15	<2	<10	<10	<0.5	39	4.74	<0.5	4	49	136	3.98
DR11004- 037		0.51	0.05	0.2	1.81	2	<10	<10	<0.5	8	4.28	<0.5	7	60	211	4.88



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Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm S	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11004- 001		10	1	0.26	20	0.60	162	<1	0.35	29	120	3	0.18	<2	4	189
DR11004- 001R/S		10	<1	0.25	20	0.60	152	<1	0.37	27	120	4	0.18	<2	4	207
DR11004- 002		10	<1	0.81	30	0.81	186	<1	0.32	34	1160	<2	0.17	<2	6	196
DR11004- 003		10	<1	0.19	10	0.38	150	<1	0.25	17	220	3	0.92	<2	3	177
DR11004- 004		10	<1	0.09	10	0.23	133	<1	0.27	16	100	4	0.26	<2	2	155
DR11004- 005		10	<1	0.02	10	0.15	151	<1	0.21	12	80	5	0.63	<2	1	137
DR11004- 006		10	<1	0.03	10	0.15	131	<1	0.20	8	80	6	0.38	<2	1	113
DR11004- 007		10	<1	0.03	10	0.20	605	<1	0.09	11	80	27	0.08	<2	1	50
DR11004- 008		10	<1	<0.01	10	0.18	1275	<1	<0.01	4	140	9	1.27	<2	2	14
DR11004- 009		10	<1	0.01	<10	0.05	942	<1	0.02	4	250	<2	2.88	<2	1	14
DR11004- 010		10	<1	0.01	<10	0.05	1015	<1	0.01	4	260	<2	2.51	<2	1	10
DR11004- 011		10	<1	0.02	<10	0.03	961	<1	<0.01	1	150	<2	2.28	<2	1	6
DR11004- 012		10	<1	0.02	<10	0.08	954	<1	0.04	5	150	<2	3.79	<2	1	28
DR11004- 013		10	<1	0.01	<10	0.07	850	<1	0.01	6	300	2	4.29	<2	1	17
DR11004- 014		10	<1	0.02	<10	0.04	1115	<1	<0.01	3	190	<2	1.35	<2	1	6
DR11004- 015		10	<1	0.01	<10	0.04	910	<1	<0.01	3	380	2	2.65	<2	1	11
DR11004- 016		10	<1	0.01	<10	0.05	924	<1	0.01	4	330	4	1.95	<2	1	11
DR11004- 017		10	<1	0.01	<10	0.05	857	<1	0.02	3	440	<2	2.84	<2	1	16
DR11004- 018		10	<1	0.02	10	0.07	1000	<1	0.01	2	420	5	1.33	<2	1	10
DR11004- 019		20	<1	0.47	20	0.66	211	<1	0.38	27	660	3	0.19	<2	5	237
DR11004- 020		10	1	0.20	20	0.50	430	2	0.26	25	240	<2	1.76	<2	3	306
DR11004- 020S		<10	1	0.16	<10	0.91	876	690	0.05	9	690	41	0.23	58	2	105
DR11004- 021		20	1	0.34	20	0.71	249	<1	0.36	32	260	2	1.60	<2	6	314
DR11004- 022		10	<1	0.45	30	0.78	198	<1	0.07	39	280	<2	0.32	<2	4	61
DR11004- 023		20	<1	0.38	30	0.66	198	<1	0.61	31	270	<2	0.16	<2	5	277
DR11004- 024		10	<1	0.18	10	0.26	112	<1	0.26	13	180	3	0.09	<2	2	210
DR11004- 025		10	1	0.10	10	0.23	242	<1	0.26	19	170	<2	1.11	<2	1	362
DR11004- 026		20	<1	0.08	30	0.33	522	<1	0.34	19	2140	9	0.42	<2	3	251
DR11004- 027		20	<1	0.62	30	0.96	268	<1	0.41	33	190	4	0.15	<2	7	190
DR11004- 028		20	<1	0.68	30	0.78	147	<1	0.60	22	170	2	0.06	<2	6	199
DR11004- 029		20	<1	0.66	20	0.77	176	<1	0.56	27	170	3	0.21	<2	7	212
DR11004- 030		20	<1	0.33	10	0.37	128	<1	0.57	15	160	7	0.18	<2	4	243
DR11004- 031		10	1	0.37	20	0.35	117	<1	0.40	17	180	6	0.27	<2	3	243
DR11004- 032		20	<1	0.76	20	0.74	123	<1	0.56	29	180	7	0.18	<2	6	220
DR11004- 033		20	<1	1.40	20	1.40	233	<1	0.34	51	130	4	0.17	<2	11	98
DR11004- 034		10	1	0.38	10	0.44	315	<1	0.58	14	230	2	0.01	<2	5	287
DR11004- 035		10	<1	0.07	<10	0.28	1615	<1	0.08	8	250	6	1.95	<2	2	34
DR11004- 036		10	<1	0.01	<10	0.17	985	<1	0.02	3	1010	3	0.95	<2	1	12
DR11004- 036R/S		10	1	0.01	<10	0.19	992	<1	0.02	3	880	2	0.86	<2	1	12
DR11004- 037		10	1	0.02	<10	0.11	947	<1	0.02	4	540	8	1.52	<2	1	10



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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11004- 001		<20	0.11	<10	<10	36	<10	26
DR11004- 001R/S		<20	0.11	<10	<10	36	<10	28
DR11004- 002		20	0.15	<10	<10	47	<10	31
DR11004- 003		<20	0.07	<10	<10	22	<10	19
DR11004- 004		<20	0.06	<10	<10	18	<10	19
DR11004- 005		<20	0.04	<10	<10	9	<10	22
DR11004- 006		<20	0.05	<10	<10	10	<10	23
DR11004- 007		<20	0.07	<10	<10	14	<10	63
DR11004- 008		<20	0.07	<10	<10	13	<10	71
DR11004- 009		<20	0.07	<10	<10	12	<10	38
DR11004- 010		<20	0.06	<10	<10	12	<10	41
DR11004- 011		<20	0.07	<10	<10	15	<10	11
DR11004- 012		<20	0.05	<10	<10	10	<10	53
DR11004- 013		<20	0.04	<10	<10	8	<10	46
DR11004- 014		<20	0.07	<10	<10	15	<10	20
DR11004- 015		<20	0.05	<10	<10	10	<10	29
DR11004- 016		<20	0.05	<10	<10	10	<10	38
DR11004- 017		<20	0.04	<10	<10	10	<10	24
DR11004- 018		<20	0.07	<10	<10	13	<10	37
DR11004- 019		20	0.21	<10	<10	40	<10	38
DR11004- 020		50	0.11	<10	<10	30	<10	46
DR11004- 020S		<20	0.10	<10	<10	32	<10	98
DR11004- 021		20	0.17	<10	<10	48	<10	31
DR11004- 022		20	0.23	<10	<10	34	<10	30
DR11004- 023		20	0.16	<10	<10	39	<10	35
DR11004- 024		<20	0.07	<10	<10	17	<10	31
DR11004- 025		<20	0.10	<10	<10	18	<10	26
DR11004- 026		<20	0.14	<10	<10	25	<10	63
DR11004- 027		20	0.23	<10	<10	59	<10	46
DR11004- 028		20	0.21	<10	<10	52	<10	38
DR11004- 029		20	0.25	<10	<10	54	<10	41
DR11004- 030		<20	0.18	<10	<10	35	<10	39
DR11004- 031		<20	0.14	<10	<10	26	<10	35
DR11004- 032		<20	0.24	<10	<10	53	<10	48
DR11004- 033		<20	0.35	<10	<10	89	<10	65
DR11004- 034		20	0.20	<10	<10	36	<10	41
DR11004- 035		<20	0.08	<10	<10	18	<10	84
DR11004- 036		<20	0.05	<10	<10	11	<10	112
DR11004- 036R/S		<20	0.05	<10	<10	10	<10	101
DR11004- 037		<20	0.05	<10	<10	10	<10	65



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11004- 038		0.48	0.11	0.3	1.19	4	<10	10	<0.5	17	2.42	<0.5	9	35	340	4.74
DR11004- 039		0.50	0.09	0.2	1.37	4	<10	<10	<0.5	32	2.99	<0.5	4	30	169	3.05
DR11004- 040		0.49	0.03	0.2	1.31	2	<10	10	<0.5	6	2.46	<0.5	6	25	149	2.99
DR11004- 040S		0.05	1.46	33.5	0.38	28	<10	240	<0.5	2	1.30	<0.5	8	30	3190	2.53
DR11004- 040B		0.05	<0.01	<0.2	0.55	<2	<10	180	<0.5	<2	0.14	<0.5	2	8	6	1.49
DR11004- 041		0.53	0.01	<0.2	0.91	3	<10	<10	<0.5	2	1.59	<0.5	2	13	58	1.57
DR11004- 042		0.52	0.02	0.2	0.74	<2	<10	<10	<0.5	6	2.12	<0.5	4	24	168	2.56
DR11004- 043		0.52	0.01	<0.2	2.33	<2	<10	10	<0.5	3	3.81	<0.5	4	41	151	3.12
DR11004- 044		0.53	<0.01	<0.2	8.43	2	<10	110	1.6	<2	5.96	<0.5	5	68	75	1.64
DR11004- 045		0.51	0.03	0.2	2.39	<2	<10	<10	<0.5	9	2.48	<0.5	6	19	268	3.23
DR11004- 046		0.53	0.01	0.2	5.49	<2	<10	20	0.9	8	4.66	<0.5	5	37	228	3.37
DR11004- 047		0.50	0.02	<0.2	5.69	<2	<10	30	1.0	7	5.01	<0.5	5	44	234	3.39
DR11004- 048		0.47	0.01	<0.2	3.90	<2	<10	10	<0.5	5	4.15	<0.5	3	30	134	2.37
DR11004- 049		0.48	0.01	<0.2	5.05	<2	<10	10	0.5	5	4.41	<0.5	4	48	130	2.11
DR11004- 050		0.50	0.01	<0.2	7.84	3	<10	80	1.3	7	5.63	<0.5	3	50	67	1.31
DR11004- 051		0.50	0.02	0.2	7.29	3	<10	30	1.0	20	5.51	<0.5	4	68	215	2.61
DR11004- 052		0.48	0.02	0.4	10.65	5	<10	90	1.8	15	7.3	<0.5	4	75	150	2.36
DR11004- 053		0.50	0.10	0.5	8.67	<2	<10	20	1.3	63	6.28	<0.5	7	61	749	6.07
DR11004- 054		0.50	0.16	0.4	4.84	3	<10	10	0.6	69	3.96	<0.5	7	50	444	5.68
DR11004- 055		0.51	0.11	0.3	4.46	<2	<10	10	0.7	59	3.69	<0.5	6	84	262	4.23
DR11004- 056		0.48	0.12	0.4	3.08	<2	<10	10	<0.5	80	2.93	<0.5	9	26	558	6.43
DR11004- 057		0.50	0.27	0.8	2.66	6	<10	<10	<0.5	80	4.39	<0.5	10	56	722	8.84
DR11004- 058		0.50	0.40	0.7	2.46	3	<10	<10	<0.5	62	3.62	<0.5	7	46	537	7.58
DR11004- 059		0.50	1.72	1.4	2.19	4	<10	<10	<0.5	136	2.38	<0.5	21	72	1510	13.15
DR11004- 060		0.53	1.76	1.3	4.27	<2	<10	10	0.6	146	3.23	<0.5	17	79	1185	11.80
DR11004- 060S		0.05	3.46	76.3	1.36	94	<10	80	<0.5	6	2.09	<0.5	9	19	777	3.24
DR11004- 061		0.52	1.23	0.8	1.89	3	<10	<10	<0.5	114	1.71	<0.5	18	92	1025	9.82
DR11004- 062		0.50	0.43	1.3	1.41	4	<10	10	<0.5	128	1.32	<0.5	57	86	2040	17.3
DR11004- 063		0.51	0.18	0.3	5.37	<2	<10	10	0.6	64	4.34	<0.5	16	85	423	7.28
DR11004- 064		0.50	0.18	0.4	6.56	<2	<10	10	0.9	47	5.32	<0.5	9	73	345	4.97
DR11004- 065		0.50	0.03	0.2	3.19	<2	<10	10	0.5	22	2.56	<0.5	10	51	352	5.15
DR11004- 066		0.50	0.22	0.7	2.58	2	<10	10	<0.5	73	2.28	<0.5	23	49	885	9.63
DR11004- 067		0.52	0.06	0.3	2.34	2	<10	10	<0.5	28	2.72	<0.5	25	66	673	7.65
DR11004- 067R/5		0.40	0.06	0.4	2.34	<2	<10	10	<0.5	36	2.71	<0.5	25	47	673	7.56
DR11004- 068		0.50	0.18	0.6	6.43	14	<10	10	1.1	100	5.47	<0.5	22	95	693	7.74
DR11004- 069		0.50	0.05	0.7	1.20	<2	<10	<10	<0.5	27	1.66	<0.5	15	21	443	7.01
DR11004- 070		0.50	0.01	0.2	2.79	<2	<10	10	0.5	6	2.37	<0.5	8	33	209	3.67
DR11004- 071		0.50	0.06	0.3	5.01	3	<10	10	1.0	12	3.43	<0.5	20	38	571	7.00
DR11004- 072		0.50	0.07	0.4	2.58	<2	<10	<10	0.5	16	2.26	<0.5	17	37	478	5.81
DR11004- 073		0.50	0.07	0.7	2.68	2	<10	<10	0.5	41	2.53	<0.5	32	44	955	10.85



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Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11004- 038		<10	<1	0.02	<10	0.08	653	<1	0.04	5	350	5	2.00	<2	<1	17
DR11004- 039		10	<1	0.01	<10	0.10	638	<1	0.02	4	870	3	0.78	<2	1	13
DR11004- 040		10	<1	0.02	<10	0.08	523	<1	0.03	5	610	8	1.00	<2	<1	20
DR11004- 040S		<10	4	0.16	10	0.14	421	340	0.06	18	390	63	1.10	80	1	264
DR11004- 040B		<10	<1	0.35	10	0.23	340	1	0.10	<1	190	3	0.01	<2	4	10
DR11004- 041		<10	<1	0.01	<10	0.05	356	<1	0.05	4	610	9	0.41	<2	<1	21
DR11004- 042		<10	1	0.01	<10	0.10	605	<1	0.03	4	960	6	0.78	<2	<1	13
DR11004- 043		10	<1	0.02	<10	0.09	808	<1	0.06	4	1440	3	0.93	<2	1	38
DR11004- 044		20	<1	0.20	10	0.29	315	<1	0.44	17	190	5	0.43	<2	4	423
DR11004- 045		10	<1	0.01	<10	0.05	295	<1	0.11	3	50	6	1.60	<2	<1	57
DR11004- 046		10	1	0.02	10	0.09	343	<1	0.24	6	90	<2	1.64	<2	1	202
DR11004- 047		20	1	0.04	10	0.10	425	<1	0.27	6	100	3	1.59	<2	2	213
DR11004- 048		10	<1	0.01	<10	0.04	508	<1	0.23	2	50	4	0.93	<2	1	104
DR11004- 049		10	1	0.02	<10	0.07	329	<1	0.31	5	90	2	0.90	<2	1	150
DR11004- 050		20	1	0.13	10	0.18	185	<1	0.46	12	170	3	0.51	<2	3	353
DR11004- 051		20	1	0.03	<10	0.09	210	<1	0.35	12	150	6	1.40	<2	1	282
DR11004- 052		30	2	0.10	10	0.31	241	<1	0.64	24	250	14	1.01	<2	4	513
DR11004- 053		20	1	0.05	<10	0.15	232	<1	0.44	14	130	3	3.20	<2	2	284
DR11004- 054		10	1	0.01	10	0.06	343	<1	0.24	10	70	3	2.90	<2	1	161
DR11004- 055		10	<1	0.02	<10	0.05	230	<1	0.28	11	190	5	2.33	<2	1	144
DR11004- 056		10	1	0.03	<10	0.07	383	<1	0.21	4	210	3	3.34	<2	<1	68
DR11004- 057		10	<1	0.02	<10	0.13	999	<1	0.06	5	170	4	3.74	2	1	26
DR11004- 058		10	<1	0.03	<10	0.13	791	<1	0.13	4	150	6	3.26	<2	1	35
DR11004- 059		10	1	0.01	<10	0.15	358	<1	0.10	8	160	3	5.79	<2	1	37
DR11004- 060		10	<1	0.01	<10	0.08	181	<1	0.18	10	200	2	5.28	<2	1	130
DR11004- 060S		<10	1	0.16	<10	0.89	882	685	0.06	9	700	42	0.25	60	2	100
DR11004- 061		10	1	0.01	<10	0.05	194	<1	0.10	12	280	3	4.44	<2	<1	45
DR11004- 062		10	1	0.02	<10	0.08	302	<1	0.10	24	10	7	6.86	<2	<1	32
DR11004- 063		10	1	0.02	<10	0.08	410	<1	0.27	11	70	2	3.49	<2	1	157
DR11004- 064		20	1	0.02	10	0.08	430	<1	0.32	8	200	8	2.39	<2	1	194
DR11004- 065		10	1	0.03	10	0.04	273	<1	0.39	6	200	5	2.53	<2	<1	88
DR11004- 066		10	<1	0.01	<10	0.10	373	<1	0.23	14	340	4	4.25	<2	<1	59
DR11004- 067		10	<1	0.01	<10	0.11	336	<1	0.11	21	840	4	3.65	<2	<1	55
DR11004- 067R/S		10	<1	0.01	<10	0.11	333	<1	0.11	20	860	4	3.52	<2	<1	55
DR11004- 068		20	1	0.04	10	0.15	317	<1	0.49	20	370	5	3.70	<2	1	207
DR11004- 069		<10	1	0.01	<10	0.09	493	<1	0.10	7	700	10	3.02	<2	<1	32
DR11004- 070		10	<1	0.02	<10	0.04	320	<1	0.42	4	640	7	1.71	<2	<1	122
DR11004- 071		20	1	0.04	<10	0.01	154	<1	0.74	4	190	4	3.60	<2	<1	153
DR11004- 072		10	1	0.02	<10	0.05	309	<1	0.25	5	610	5	2.70	<2	<1	80
DR11004- 073		10	<1	0.02	<10	0.13	412	<1	0.19	13	640	6	4.75	<2	1	84



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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Ti ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11004- 038		<20	0.04	<10	<10	6	<10	59
DR11004- 039		<20	0.06	<10	<10	7	<10	29
DR11004- 040		<20	0.05	<10	<10	6	<10	49
DR11004- 040S		<20	0.01	<10	<10	17	<10	50
DR11004- 040B		<20	0.10	<10	<10	17	<10	20
DR11004- 041		<20	0.05	<10	<10	4	<10	42
DR11004- 042		<20	0.03	<10	<10	4	<10	68
DR11004- 043		<20	0.07	<10	<10	12	<10	44
DR11004- 044		<20	0.17	<10	<10	34	<10	44
DR11004- 045		20	0.04	<10	<10	4	<10	42
DR11004- 046		<20	0.10	<10	<10	14	<10	36
DR11004- 047		<20	0.11	<10	<10	17	<10	45
DR11004- 048		<20	0.07	<10	<10	8	<10	25
DR11004- 049		<20	0.14	<10	<10	14	<10	27
DR11004- 050		<20	0.15	<10	<10	24	<10	29
DR11004- 051		<20	0.12	<10	<10	15	10	30
DR11004- 052		20	0.14	<10	<10	38	<10	55
DR11004- 053		30	0.17	<10	<10	20	10	38
DR11004- 054		<20	0.10	<10	<10	11	<10	31
DR11004- 055		<20	0.08	<10	<10	9	20	29
DR11004- 056		<20	0.06	<10	<10	6	<10	26
DR11004- 057		<20	0.06	<10	<10	11	<10	52
DR11004- 058		<20	0.05	<10	<10	10	<10	52
DR11004- 059		<20	0.05	<10	<10	5	10	24
DR11004- 060		<20	0.08	<10	<10	8	20	16
DR11004- 060S		<20	0.10	<10	<10	32	<10	100
DR11004- 061		<20	0.04	<10	<10	4	<10	22
DR11004- 062		<20	0.03	<10	<10	5	10	52
DR11004- 063		<20	0.10	<10	<10	11	390	31
DR11004- 064		<20	0.12	<10	<10	13	10	31
DR11004- 065		<20	0.07	<10	<10	6	<10	29
DR11004- 066		<20	0.04	<10	<10	4	<10	36
DR11004- 067		<20	0.04	<10	<10	4	<10	25
DR11004- 067R/S		<20	0.04	<10	<10	4	<10	26
DR11004- 068		<20	0.11	<10	<10	16	20	36
DR11004- 069		<20	0.04	<10	<10	4	<10	53
DR11004- 070		<20	0.05	<10	<10	8	<10	40
DR11004- 071		<20	0.08	<10	<10	9	<10	30
DR11004- 072		<20	0.06	<10	<10	6	<10	31
DR11004- 073		<20	0.05	<10	<10	7	10	38



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11004- 074		0.50	0.11	0.6	1.92	3	<10	<10	<0.5	38	2.14	<0.5	19	49	951	8.97
DR11004- 075		0.52	0.23	1.2	2.53	<2	<10	10	0.5	115	2.22	<0.5	33	88	1400	12.70
DR11004- 076		0.50	1.26	1.2	2.30	2	<10	10	<0.5	305	2.03	<0.5	40	53	1805	13.25
DR11004- 077		0.51	0.13	0.5	3.14	<2	<10	10	0.8	50	3.08	<0.5	27	56	1015	11.10
DR11004- 078		0.50	0.22	0.5	2.06	<2	<10	20	0.8	65	2.13	<0.5	20	48	807	9.23
DR11004- 079		0.51	0.20	0.7	2.92	2	<10	30	0.6	60	2.69	<0.5	18	172	787	8.68
DR11004- 080		0.50	0.13	0.4	1.90	9	<10	10	0.7	63	3.98	<0.5	18	27	474	9.75
DR11004- 080S		0.05	1.44	32.5	0.38	26	<10	240	<0.5	<2	1.31	<0.5	8	31	3200	2.55
DR11004- 080B		0.05	<0.01	<0.2	0.55	<2	<10	190	<0.5	<2	0.14	<0.5	2	8	7	1.52
DR11004- 081		0.49	0.16	0.3	2.60	2	<10	100	0.6	50	2.93	<0.5	6	108	201	4.84
DR11004- 082		0.50	0.18	0.3	3.14	<2	<10	170	0.6	30	3.16	<0.5	6	111	210	4.14
DR11004- 083		0.50	0.25	0.4	2.83	<2	<10	80	0.6	70	2.93	<0.5	18	49	608	10.80
DR11004- 084		0.49	0.10	0.4	3.45	4	<10	50	0.8	34	4.00	<0.5	15	25	582	7.83
DR11004- 085		0.52	0.03	0.3	4.17	<2	<10	110	0.6	18	4.02	<0.5	12	29	490	7.27
DR11004- 086		0.49	0.03	<0.2	3.61	<2	<10	410	0.8	9	3.60	<0.5	6	49	106	3.17
DR11004- 087		0.48	0.17	0.3	2.98	<2	<10	90	0.5	18	3.87	<0.5	8	69	221	5.35
DR11004- 088		0.49	0.38	0.4	2.20	<2	<10	60	<0.5	28	2.50	<0.5	10	31	457	6.55
DR11004- 089		0.50	0.16	<0.2	1.58	4	<10	130	<0.5	10	2.01	<0.5	5	26	184	4.42
DR11004- 090		0.52	0.96	2.1	1.30	4	<10	50	0.6	352	1.60	<0.5	35	28	2860	32.0
DR11004- 091		0.49	0.16	0.5	1.08	2	<10	50	<0.5	38	3.68	<0.5	7	22	898	8.23
DR11004- 092		0.50	0.57	3.8	1.32	<2	<10	70	0.5	152	4.79	<0.5	26	29	6090	23.4
DR11004- 093		0.49	<0.01	<0.2	0.73	4	<10	120	0.7	<2	4.36	<0.5	6	283	34	1.90
DR11004- 094		0.50	<0.01	<0.2	0.27	<2	<10	30	<0.5	<2	3.12	<0.5	1	99	23	0.90
DR11004- 095		0.50	<0.01	<0.2	0.45	2	<10	150	0.5	<2	2.58	<0.5	2	345	12	0.80
DR11004- 096		0.47	0.02	<0.2	0.27	<2	<10	110	<0.5	<2	1.43	<0.5	1	222	13	0.66
DR11004- 097		0.51	<0.01	<0.2	0.28	<2	<10	40	<0.5	<2	1.25	<0.5	3	373	19	0.82
DR11004- 098		0.49	<0.01	<0.2	0.24	<2	<10	20	<0.5	<2	2.32	<0.5	3	136	7	1.18
DR11004- 099		0.50	<0.01	<0.2	0.70	3	<10	90	0.8	<2	2.88	<0.5	11	266	48	2.49
DR11004- 100		0.49	<0.01	<0.2	0.81	<2	<10	230	0.9	<2	2.93	<0.5	7	101	19	1.76
DR11004- 100R/S		0.38	<0.01	<0.2	0.89	<2	<10	250	0.9	2	2.96	<0.5	7	294	23	2.00
DR11004- 100S		0.05	3.45	75.8	1.43	88	<10	80	<0.5	7	2.06	<0.5	10	18	740	3.29
DR11004- 101		0.51	<0.01	<0.2	1.33	<2	<10	230	1.1	<2	1.96	<0.5	11	64	35	3.22
DR11004- 102		0.46	<0.01	<0.2	0.48	<2	<10	100	<0.5	2	1.71	<0.5	5	356	31	1.48
DR11004- 103		0.42	<0.01	<0.2	0.28	2	<10	10	<0.5	<2	1.11	<0.5	4	184	42	1.10
DR11004- 104		0.51	<0.01	<0.2	0.30	2	<10	20	<0.5	<2	1.16	<0.5	5	455	49	1.67
DR11004- 105		0.46	<0.01	<0.2	0.54	7	<10	50	0.6	<2	1.94	<0.5	9	115	60	2.70
DR11004- 106		0.50	0.02	<0.2	0.60	24	<10	50	0.5	<2	1.54	<0.5	12	220	62	3.07
DR11004- 107		0.53	<0.01	<0.2	0.41	14	<10	40	<0.5	<2	1.10	<0.5	8	126	28	2.22
DR11004- 108		0.50	<0.01	<0.2	0.54	3	<10	50	<0.5	<2	1.31	<0.5	9	265	53	2.63
DR11004- 109		0.51	<0.01	<0.2	0.64	2	<10	70	0.5	<2	0.97	<0.5	7	113	18	2.08



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Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11004- 074		10	1	0.02	<10	0.10	467	<1	0.13	8	470	6	4.16	<2	<1	45
DR11004- 075		10	<1	0.02	<10	0.08	335	<1	0.19	13	750	7	5.51	<2	<1	75
DR11004- 076		10	<1	0.01	<10	0.09	371	<1	0.13	15	670	5	5.26	<2	<1	75
DR11004- 077		10	<1	0.04	<10	0.17	838	<1	0.23	13	700	5	4.75	<2	1	96
DR11004- 078		10	<1	0.02	<10	0.10	569	<1	0.12	11	450	4	4.07	<2	<1	83
DR11004- 079		10	<1	0.03	<10	0.12	493	<1	0.17	13	100	4	3.96	<2	1	122
DR11004- 080		10	<1	0.03	<10	0.25	1435	<1	0.08	10	770	5	4.62	<2	1	95
DR11004- 080S		<10	4	0.16	10	0.14	423	386	0.05	18	390	60	1.11	80	1	263
DR11004- 080B		<10	<1	0.35	10	0.23	346	1	0.10	1	200	4	0.01	<2	4	11
DR11004- 081		10	1	0.05	<10	0.14	911	<1	0.19	11	100	6	2.13	<2	1	136
DR11004- 082		10	<1	0.05	<10	0.21	472	<1	0.19	11	100	4	2.03	<2	2	138
DR11004- 083		10	1	0.08	<10	0.38	1495	<1	0.26	9	500	5	5.27	2	2	180
DR11004- 084		10	1	0.07	<10	0.23	1500	<1	0.15	6	270	4	3.11	<2	2	131
DR11004- 085		20	1	0.12	<10	0.21	1390	<1	0.25	6	70	5	3.12	<2	2	186
DR11004- 086		10	1	0.19	10	0.30	740	<1	0.24	15	180	5	0.72	<2	3	169
DR11004- 087		10	1	0.11	<10	0.18	1035	<1	0.15	6	230	3	2.65	<2	3	122
DR11004- 088		10	1	0.07	<10	0.26	1355	<1	0.16	3	280	4	1.80	<2	2	101
DR11004- 089		10	<1	0.06	<10	0.66	1240	<1	0.17	5	280	5	0.54	<2	2	93
DR11004- 090		10	<1	0.01	<10	0.38	605	<1	0.12	10	360	6	9.52	<2	1	101
DR11004- 091		10	<1	0.02	<10	0.51	1645	<1	0.07	5	500	2	2.86	<2	1	244
DR11004- 092		10	1	0.05	<10	0.86	1355	<1	0.11	6	470	4	7.47	<2	1	466
DR11004- 093		<10	<1	0.21	20	0.47	254	2	0.03	24	160	4	0.14	<2	4	150
DR11004- 094		<10	1	0.10	<10	0.42	156	1	0.03	5	90	3	0.05	<2	2	145
DR11004- 095		<10	<1	0.13	10	0.17	137	1	0.03	14	110	4	0.03	<2	3	126
DR11004- 096		<10	1	0.08	10	0.17	91	<1	0.02	8	80	5	0.05	<2	2	77
DR11004- 097		<10	<1	0.08	10	0.15	106	1	0.01	14	70	3	0.04	<2	1	64
DR11004- 098		<10	1	0.11	10	0.43	205	<1	0.01	12	110	<2	0.03	<2	2	108
DR11004- 099		<10	<1	0.23	30	0.63	189	1	0.02	30	630	6	0.76	<2	4	155
DR11004- 100		<10	<1	0.20	20	0.70	171	<1	0.03	24	180	4	0.10	<2	5	175
DR11004- 100R/5		<10	1	0.22	20	0.70	195	1	0.03	29	190	5	0.10	<2	5	177
DR11004- 100S		<10	1	0.19	<10	0.88	873	681	0.09	8	680	38	0.23	57	2	98
DR11004- 101		<10	<1	0.54	40	0.81	218	1	0.03	33	210	2	0.21	<2	5	145
DR11004- 102		<10	<1	0.11	20	0.33	172	1	0.01	18	110	<2	0.15	<2	2	97
DR11004- 103		<10	<1	0.08	10	0.31	123	<1	0.01	9	70	2	0.18	<2	1	62
DR11004- 104		<10	<1	0.11	20	0.35	174	1	<0.01	19	80	3	0.25	<2	1	75
DR11004- 105		<10	1	0.22	30	0.67	306	<1	0.02	23	220	10	0.45	<2	4	118
DR11004- 106		<10	1	0.22	10	0.61	296	<1	0.01	26	420	5	0.82	<2	3	99
DR11004- 107		<10	1	0.21	10	0.47	364	<1	<0.01	14	170	8	0.43	<2	2	94
DR11004- 108		<10	<1	0.22	10	0.52	357	1	0.01	20	150	9	0.74	<2	2	92
DR11004- 109		<10	1	0.29	10	0.47	302	<1	0.01	17	260	7	0.42	<2	3	86



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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Ti ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11004- 074		<20	0.04	<10	<10	4	10	34
DR11004- 075		<20	0.04	<10	<10	4	10	27
DR11004- 076		<20	0.03	<10	<10	4	50	31
DR11004- 077		<20	0.05	<10	<10	7	<10	49
DR11004- 078		<20	0.03	<10	<10	4	<10	32
DR11004- 079		<20	0.05	<10	<10	9	<10	30
DR11004- 080		<20	0.03	<10	<10	8	<10	68
DR11004- 080S		<20	0.01	<10	<10	17	<10	50
DR11004- 080B		<20	0.10	<10	<10	17	<10	20
DR11004- 081		<20	0.06	<10	<10	9	<10	55
DR11004- 082		<20	0.06	<10	<10	14	<10	30
DR11004- 083		<20	0.10	<10	<10	15	<10	70
DR11004- 084		<20	0.08	<10	<10	16	<10	79
DR11004- 085		<20	0.10	<10	<10	20	<10	64
DR11004- 086		<20	0.13	<10	<10	25	<10	59
DR11004- 087		<20	0.11	<10	<10	18	<10	63
DR11004- 088		<20	0.06	<10	<10	14	<10	65
DR11004- 089		<20	0.06	<10	<10	16	<10	66
DR11004- 090		<20	0.02	<10	<10	8	30	24
DR11004- 091		<20	0.05	<10	<10	8	<10	83
DR11004- 092		<20	0.03	<10	<10	10	<10	116
DR11004- 093		<20	<0.01	<10	<10	21	<10	29
DR11004- 094		<20	<0.01	<10	<10	7	<10	17
DR11004- 095		<20	<0.01	<10	<10	11	<10	20
DR11004- 096		<20	<0.01	<10	<10	6	<10	16
DR11004- 097		<20	<0.01	<10	<10	6	<10	12
DR11004- 098		<20	<0.01	<10	<10	4	<10	12
DR11004- 099		20	<0.01	<10	<10	19	<10	36
DR11004- 100		20	<0.01	<10	<10	26	<10	30
DR11004- 100R/S		20	<0.01	<10	<10	28	<10	31
DR11004- 100S		<20	0.10	<10	<10	33	<10	99
DR11004- 101		20	0.03	<10	<10	36	<10	51
DR11004- 102		<20	<0.01	<10	<10	14	<10	33
DR11004- 103		<20	<0.01	<10	<10	8	<10	13
DR11004- 104		<20	<0.01	<10	<10	8	<10	18
DR11004- 105		20	<0.01	<10	<10	18	<10	36
DR11004- 106		<20	<0.01	<10	<10	15	<10	32
DR11004- 107		<20	<0.01	<10	<10	5	<10	32
DR11004- 108		<20	<0.01	<10	<10	6	<10	23
DR11004- 109		<20	0.01	<10	<10	12	<10	27



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CERTIFICATE OF ANALYSIS AC11202158

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11004- 110		0.53	<0.01	<0.2	1.02	2	<10	140	0.7	<2	0.87	<0.5	9	122	23	2.44
DR11004- 111		0.49	<0.01	<0.2	0.49	2	<10	50	0.5	2	0.90	<0.5	6	123	27	1.71
DR11004- 112		0.50	<0.01	<0.2	0.88	<2	<10	60	0.6	3	0.79	<0.5	8	129	18	2.12
DR11004- 113		0.51	<0.01	<0.2	1.14	<2	<10	120	1.0	<2	0.74	<0.5	14	62	31	3.97
DR11004- 114		0.51	<0.01	<0.2	1.57	<2	<10	160	1.3	<2	0.66	<0.5	14	59	30	4.35
DR11004- 115		0.49	<0.01	<0.2	1.60	<2	<10	150	0.7	<2	0.66	<0.5	12	81	28	4.20
DR11004- 116		0.52	<0.01	<0.2	1.21	<2	<10	110	1.0	<2	0.89	<0.5	13	46	29	4.25
DR11004- 117		0.51	<0.01	<0.2	1.77	<2	<10	130	0.9	2	0.69	<0.5	13	78	35	4.46
DR11004- 118		0.52	<0.01	<0.2	0.93	2	<10	70	0.6	<2	0.80	<0.5	12	159	41	3.23
DR11004- 119		0.51	<0.01	<0.2	0.33	9	<10	20	<0.5	2	1.28	<0.5	4	95	23	0.97
DR11004- 120		0.49	1.48	31.2	0.38	24	<10	230	<0.5	2	1.24	<0.5	9	30	3080	2.47
DR11004- 120S		0.05	<0.01	<0.2	0.86	8	<10	50	0.5	3	1.19	<0.5	11	194	44	2.73
DR11004- 120B		0.05	<0.01	<0.2	0.59	2	<10	160	<0.5	<2	0.14	<0.5	3	8	4	1.42
DR11004- 121		0.50	0.09	<0.2	1.02	2	<10	60	0.6	27	0.90	<0.5	14	60	92	4.08
DR11004- 122		0.51	<0.01	<0.2	0.77	2	<10	70	0.7	<2	0.71	<0.5	13	120	34	4.04
DR11004- 123		0.48	0.01	<0.2	0.32	<2	<10	20	<0.5	<2	1.35	<0.5	9	118	48	2.21
DR11004- 124		0.51	<0.01	<0.2	0.38	<2	<10	10	<0.5	<2	1.79	<0.5	4	342	35	1.59
DR11004- 125		0.52	<0.01	<0.2	1.01	4	<10	70	0.8	<2	0.51	<0.5	15	86	40	4.17
DR11004- 126		0.50	0.06	<0.2	0.80	3	<10	50	0.7	<2	0.52	<0.5	12	192	35	3.41
DR11004- 127		0.49	0.01	<0.2	1.04	<2	<10	60	1.0	2	0.65	<0.5	14	73	34	4.02
DR11004- 128		0.51	<0.01	<0.2	0.83	2	<10	40	0.6	<2	0.89	<0.5	9	253	41	2.34
DR11004- 129		0.50	<0.01	<0.2	0.32	2	<10	20	<0.5	<2	1.08	<0.5	7	97	25	2.28
DR11004- 130		0.51	<0.01	<0.2	0.96	3	<10	70	1.0	<2	1.25	<0.5	15	176	30	3.72
DR11004- 131		0.52	<0.01	<0.2	1.48	3	<10	90	1.0	<2	0.60	<0.5	15	106	38	3.95
DR11004- 132		0.52	<0.01	<0.2	1.56	<2	<10	80	0.8	<2	0.72	<0.5	13	199	25	3.77
DR11004- 132R/S		0.52	<0.01	<0.2	1.55	2	<10	80	0.7	<2	0.70	<0.5	13	110	24	3.81
DR11004- 133		0.53	<0.01	<0.2	0.89	3	<10	50	0.7	<2	1.15	<0.5	14	176	39	3.98
DR11004- 134		0.52	<0.01	<0.2	0.77	2	<10	30	0.7	<2	0.76	<0.5	11	121	17	2.95
DR11004- 135		0.54	<0.01	<0.2	0.69	<2	<10	70	<0.5	<2	1.36	<0.5	8	299	27	2.59
DR11004- 136		0.48	<0.01	<0.2	1.71	3	<10	70	0.7	<2	0.79	1.9	10	92	38	2.72
DR11004- 137		0.51	<0.01	<0.2	0.71	2	<10	60	0.8	<2	1.20	<0.5	20	190	43	3.31
DR11004- 138		0.47	<0.01	<0.2	0.61	3	<10	80	0.7	<2	1.12	<0.5	18	135	36	3.63
DR11004- 139		0.50	<0.01	<0.2	0.69	5	<10	50	0.7	<2	0.62	<0.5	14	186	16	4.14
DR11004- 140		0.52	0.02	<0.2	0.38	6	<10	20	0.7	22	3.42	<0.5	13	52	164	5.35
DR11004- 140S		0.05	3.64	82.9	1.46	97	<10	80	<0.5	6	2.10	<0.5	10	19	768	3.34
DR11004- 141		0.52	<0.01	<0.2	0.47	4	<10	20	<0.5	<2	1.46	<0.5	7	302	21	2.28
DR11004- 142		0.52	0.05	<0.2	0.28	<2	<10	<10	<0.5	<2	1.06	<0.5	5	125	25	1.56
DR11004- 143		0.53	0.05	0.2	0.59	<2	<10	30	0.5	45	1.21	<0.5	24	278	673	9.35
DR11004- 144		0.52	0.02	<0.2	0.39	<2	<10	10	<0.5	3	0.64	<0.5	5	156	14	1.42
DR11004- 145		0.52	<0.01	<0.2	0.25	2	<10	<10	<0.5	<2	0.81	<0.5	4	448	17	1.54



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Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11004- 110		<10	<1	0.48	20	0.56	323	<1	0.03	23	420	2	0.24	<2	4	67
DR11004- 111		<10	1	0.17	20	0.38	274	<1	0.02	13	160	5	0.21	<2	2	56
DR11004- 112		<10	1	0.25	10	0.39	280	<1	0.02	15	180	<2	0.35	<2	3	44
DR11004- 113		<10	<1	0.54	20	0.84	335	<1	0.02	34	510	6	0.17	<2	4	53
DR11004- 114		<10	<1	0.84	30	1.00	320	<1	0.03	35	450	3	0.13	<2	3	44
DR11004- 115		10	1	0.88	20	0.96	371	<1	0.04	30	410	3	0.22	<2	5	44
DR11004- 116		<10	<1	0.64	30	0.95	406	<1	0.02	30	310	4	0.34	<2	4	79
DR11004- 117		10	1	1.04	20	1.02	354	<1	0.03	36	420	<2	0.32	<2	6	55
DR11004- 118		<10	1	0.48	20	0.69	354	<1	0.03	26	210	3	0.42	<2	3	56
DR11004- 119		<10	<1	0.16	10	0.23	180	<1	0.02	16	100	2	0.17	<2	1	56
DR11004- 120		<10	4	0.16	10	0.14	402	357	0.03	19	370	57	1.02	78	1	252
DR11004- 120S		<10	1	0.38	20	0.63	357	1	0.04	25	210	<2	0.34	<2	3	81
DR11004- 120B		<10	<1	0.35	10	0.21	316	<1	0.11	1	180	2	0.01	<2	4	11
DR11004- 121		<10	1	0.41	20	0.74	387	<1	0.03	30	390	<2	0.55	<2	3	63
DR11004- 122		<10	1	0.40	30	0.80	356	<1	0.01	30	380	4	0.34	<2	3	53
DR11004- 123		<10	<1	0.18	10	0.53	298	<1	0.01	15	210	3	0.34	<2	2	61
DR11004- 124		<10	<1	0.21	20	0.46	317	1	0.02	12	200	3	0.15	<2	1	75
DR11004- 125		<10	<1	0.54	30	0.81	351	<1	0.02	34	330	2	0.21	<2	4	60
DR11004- 126		<10	1	0.40	20	0.86	360	<1	0.02	27	380	<2	0.33	<2	3	55
DR11004- 127		<10	1	0.54	30	0.88	363	<1	0.02	33	350	3	0.23	<2	4	57
DR11004- 128		<10	1	0.24	20	0.43	447	<1	0.05	19	120	2	0.48	<2	3	72
DR11004- 129		<10	1	0.17	10	0.48	403	1	0.01	16	400	8	0.39	<2	2	66
DR11004- 130		<10	1	0.43	30	0.75	487	<1	0.02	33	830	5	0.26	<2	4	76
DR11004- 131		10	1	0.74	30	0.84	336	<1	0.03	33	320	2	0.26	<2	4	48
DR11004- 132		<10	1	0.64	20	0.81	419	<1	0.04	31	320	2	0.23	<2	5	66
DR11004- 132R/S		10	1	0.62	30	0.83	419	<1	0.04	28	310	2	0.23	<2	5	65
DR11004- 133		<10	1	0.23	20	0.77	501	<1	0.02	34	280	4	0.44	<2	4	79
DR11004- 134		<10	1	0.21	20	0.50	401	<1	0.02	24	350	10	0.14	<2	4	60
DR11004- 135		<10	1	0.29	20	0.53	451	1	0.03	20	120	5	0.22	<2	3	55
DR11004- 136		<10	1	0.38	20	0.45	372	<1	0.01	20	270	8	0.36	<2	4	40
DR11004- 137		<10	1	0.22	30	0.64	545	<1	0.01	37	380	6	0.50	<2	6	49
DR11004- 138		<10	1	0.25	30	0.73	511	<1	0.01	31	360	4	0.31	<2	5	52
DR11004- 139		<10	1	0.22	50	0.67	467	<1	0.01	35	490	4	0.03	<2	4	33
DR11004- 140		<10	2	0.25	40	1.21	510	<1	0.01	20	520	5	3.11	2	4	163
DR11004- 140S		<10	<1	0.19	<10	0.89	881	694	0.08	10	690	40	0.23	57	2	104
DR11004- 141		<10	<1	0.24	20	0.51	345	1	0.01	18	230	<2	0.19	<2	1	65
DR11004- 142		<10	1	0.12	10	0.30	269	<1	<0.01	9	170	8	0.13	<2	1	42
DR11004- 143		<10	7	0.31	10	0.60	378	1	0.01	17	250	4	6.98	<2	2	35
DR11004- 144		<10	1	0.10	10	0.27	255	<1	0.02	10	130	8	0.06	<2	2	62
DR11004- 145		<10	1	0.11	10	0.28	202	1	<0.01	14	100	3	0.53	<2	1	54



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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11004- 110		20	0.04	<10	<10	30	<10	38
DR11004- 111		<20	<0.01	<10	<10	13	<10	20
DR11004- 112		<20	0.01	<10	<10	18	<10	30
DR11004- 113		20	0.03	<10	<10	29	<10	60
DR11004- 114		20	0.07	<10	<10	32	<10	80
DR11004- 115		20	0.10	<10	<10	34	<10	79
DR11004- 116		20	0.03	<10	<10	25	<10	64
DR11004- 117		<20	0.13	<10	<10	41	<10	77
DR11004- 118		<20	0.03	<10	<10	25	<10	48
DR11004- 119		<20	0.01	<10	<10	8	<10	11
DR11004- 120		<20	0.01	<10	<10	17	<10	50
DR11004- 120S		<20	0.01	<10	<10	17	<10	32
DR11004- 1208		<20	0.09	<10	<10	18	<10	18
DR11004- 121		<20	0.01	<10	<10	14	<10	50
DR11004- 122		20	0.01	<10	<10	13	<10	63
DR11004- 123		<20	<0.01	<10	<10	7	<10	27
DR11004- 124		<20	<0.01	<10	<10	5	<10	17
DR11004- 125		20	0.04	<10	<10	26	<10	82
DR11004- 126		<20	0.02	<10	<10	19	<10	60
DR11004- 127		20	0.03	<10	<10	34	<10	87
DR11004- 128		<20	0.02	<10	<10	22	<10	36
DR11004- 129		<20	<0.01	<10	<10	6	<10	37
DR11004- 130		20	0.01	<10	<10	22	<10	69
DR11004- 131		20	0.06	<10	<10	32	<10	72
DR11004- 132		<20	0.06	<10	<10	35	<10	75
DR11004- 132R/S		<20	0.08	<10	<10	35	<10	75
DR11004- 133		<20	<0.01	<10	<10	22	<10	85
DR11004- 134		<20	0.01	<10	<10	23	<10	73
DR11004- 135		<20	0.03	<10	<10	17	<10	40
DR11004- 136		20	0.01	<10	<10	22	<10	43
DR11004- 137		20	<0.01	<10	<10	32	10	66
DR11004- 138		20	<0.01	<10	<10	24	<10	50
DR11004- 139		20	<0.01	<10	<10	30	10	49
DR11004- 140		20	<0.01	<10	<10	6	10	34
DR11004- 140S		<20	0.11	<10	<10	35	<10	100
DR11004- 141		20	<0.01	<10	<10	6	<10	34
DR11004- 142		<20	<0.01	<10	<10	6	<10	34
DR11004- 143		20	<0.01	<10	<10	11	30	29
DR11004- 144		<20	<0.01	<10	<10	10	<10	37
DR11004- 145		<20	<0.01	<10	<10	5	<10	17

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	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Th	Ti	Ti	U	V	W	Zn
	ppm	%	ppm	ppm	ppm	ppm	ppm
	20	0.01	10	10	1	10	2
Sample Description	Method Analyte Units LOR						
DR11004- 146	<20	0.01	<10	<10	12	<10	43
DR11004- 147	<20	0.01	<10	<10	10	<10	38
DR11004- 148	<20	0.01	<10	<10	13	<10	48
DR11004- 149	<20	0.01	<10	<10	9	<10	28
DR11004- 150	<20	<0.01	<10	<10	12	30	30
DR11004- 151	<20	<0.01	<10	<10	8	20	24
DR11004- 152	<20	0.01	<10	<10	13	<10	51
DR11004- 153	<20	<0.01	<10	<10	11	10	27
DR11004- 154	<20	<0.01	<10	<10	9	<10	23
DR11004- 155	<20	<0.01	<10	<10	8	<10	28



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Project: Terra Logic 11- 8198

P.O. No.: Dragon Lake

This report is for 128 Pulp samples submitted to our lab in Anchorage, AK, USA on 26- SEP- 2011.

The following have access to data associated with this certificate:

LYNNE BRUCE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- QC	QC Test on Received Samples
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: ECO- TECH LABORATORIES LTD.
ATTN: LYNNE BRUCE
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11005- 001		0.55	0.02	1.0	2.79	2	<10	20	0.8	18	2.43	<0.5	4	184	243	1.29
DR11005- 001R/5		0.54	0.02	0.3	2.86	2	<10	20	0.6	8	2.41	<0.5	3	201	91	1.32
DR11005- 002		0.54	0.01	0.2	7.34	3	<10	200	1.8	4	4.44	<0.5	8	105	88	2.15
DR11005- 003		0.53	0.01	<0.2	4.10	<2	<10	110	1.2	2	2.78	<0.5	5	130	36	1.53
DR11005- 004		0.54	<0.01	<0.2	2.76	4	<10	180	1.0	<2	1.30	<0.5	18	80	73	2.93
DR11005- 005		0.54	0.06	0.2	3.48	4	<10	120	0.9	11	2.02	<0.5	9	128	43	2.18
DR11005- 006		0.37	0.13	<0.2	4.73	15	<10	80	1.4	26	4.60	<0.5	4	92	74	1.53
DR11005- 007		0.54	0.06	0.2	1.66	2	<10	20	<0.5	21	1.50	<0.5	9	185	229	2.37
DR11005- 008		0.56	0.02	<0.2	1.93	<2	<10	20	<0.5	4	1.44	<0.5	6	194	132	1.66
DR11005- 009		0.54	0.01	0.2	2.95	3	<10	100	0.6	8	1.69	<0.5	7	181	175	2.52
DR11005- 010		0.54	0.02	<0.2	1.92	3	<10	20	<0.5	11	1.75	<0.5	4	178	105	1.51
DR11005- 011		0.52	2.18	0.5	3.60	<2	<10	40	0.9	101	2.99	<0.5	11	105	335	4.76
DR11005- 012		0.52	0.03	<0.2	5.11	6	<10	110	1.8	3	2.49	<0.5	12	93	104	3.77
DR11005- 013		0.52	0.01	0.3	3.47	3	<10	190	2.0	<2	0.80	<0.5	17	71	56	4.03
DR11005- 014		0.53	0.04	0.2	3.65	5	<10	100	0.9	13	1.66	<0.5	11	144	70	2.71
DR11005- 015		0.54	0.02	0.3	3.66	4	<10	40	0.7	7	2.57	<0.5	6	172	134	1.89
DR11005- 016		0.52	0.05	0.2	4.58	<2	<10	30	0.9	12	3.48	<0.5	5	142	246	2.05
DR11005- 017		0.50	0.06	0.3	2.55	<2	<10	20	0.5	9	2.28	<0.5	3	223	80	1.15
DR11005- 018		0.52	0.04	0.3	3.75	2	<10	40	1.0	12	2.98	<0.5	3	148	74	1.24
DR11005- 019		0.54	0.07	0.3	2.80	2	<10	30	0.6	15	2.62	<0.5	4	179	139	1.66
DR11005- 020		0.52	0.11	0.2	3.00	<2	<10	10	0.6	24	3.37	<0.5	5	145	166	2.00
DR11005- 020S		0.05	1.43	34.7	0.39	24	<10	260	<0.5	<2	1.30	<0.5	8	30	3030	2.56
DR11005- 021		0.53	0.03	0.4	2.43	<2	<10	10	0.5	9	2.52	<0.5	4	193	168	1.87
DR11005- 022		0.51	0.12	0.6	4.08	4	<10	30	0.8	45	3.66	<0.5	10	92	262	3.42
DR11005- 023		0.51	0.03	0.4	3.64	<2	<10	20	0.7	14	3.39	<0.5	5	249	139	2.06
DR11005- 024		0.50	0.02	0.3	2.40	<2	<10	10	<0.5	6	2.75	<0.5	4	135	106	1.69
DR11005- 025		0.54	0.01	0.3	3.91	<2	<10	40	0.8	12	3.24	<0.5	5	239	96	1.75
DR11005- 026		0.51	0.01	0.3	3.30	3	<10	40	0.8	4	2.62	<0.5	8	120	51	2.24
DR11005- 027		0.50	0.02	0.2	6.26	2	<10	50	1.6	7	4.38	<0.5	6	120	44	1.90
DR11005- 028		0.51	0.01	0.3	4.32	<2	<10	30	0.9	6	3.59	<0.5	3	190	73	1.75
DR11005- 029		0.50	0.11	0.3	2.91	3	<10	30	0.7	19	3.27	<0.5	5	154	131	2.79
DR11005- 030		0.55	0.42	0.7	3.14	3	<10	20	0.6	112	3.96	<0.5	18	87	403	7.72
DR11005- 031		0.50	0.08	0.4	3.21	<2	<10	10	0.5	28	4.13	<0.5	9	88	258	5.92
DR11005- 032		0.49	0.01	0.3	6.19	<2	<10	30	1.1	8	4.82	<0.5	3	75	92	1.80
DR11005- 033		0.49	<0.01	0.2	4.35	11	<10	120	1.4	<2	2.10	<0.5	7	110	18	2.45
DR11005- 034		0.51	0.02	0.3	7.61	6	<10	60	1.6	3	4.84	<0.5	6	90	148	2.23
DR11005- 035		0.53	0.01	0.2	5.08	7	<10	160	1.6	<2	2.11	<0.5	10	156	35	2.99
DR11005- 035R/S		0.50	0.01	0.2	4.92	6	<10	150	1.5	<2	2.03	<0.5	9	107	31	2.82
DR11005- 036		0.49	0.03	0.3	3.00	4	<10	<10	<0.5	7	4.94	<0.5	4	52	107	2.74
DR11005- 037		0.46	0.04	0.3	3.48	7	<10	40	0.8	16	2.98	<0.5	8	88	181	2.58



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Project: Terra Logic 11- 8198

CERTIFICATE OF ANALYSIS AC11202156

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11005- 001		10	<1	0.04	10	0.24	108	<1	0.25	11	90	8	0.50	<2	1	156
DR11005- 001R/S		10	<1	0.04	10	0.25	109	<1	0.25	12	90	6	0.49	<2	2	155
DR11005- 002		20	1	0.41	20	0.91	152	<1	0.44	33	450	8	0.57	<2	5	431
DR11005- 003		10	<1	0.38	20	0.54	120	<1	0.40	21	440	3	0.27	<2	4	205
DR11005- 004		10	<1	1.23	30	0.88	120	<1	0.15	41	1000	<2	0.52	<2	5	84
DR11005- 005		10	<1	0.76	20	0.62	115	<1	0.27	30	490	4	0.31	<2	5	143
DR11005- 006		10	1	0.21	20	0.51	155	<1	0.31	13	870	2	0.33	<2	5	191
DR11005- 007		<10	1	0.02	10	0.18	89	<1	0.16	15	70	5	1.28	<2	1	108
DR11005- 008		<10	<1	0.02	10	0.09	64	<1	0.23	11	70	4	0.83	<2	1	121
DR11005- 009		10	<1	0.37	10	0.39	90	<1	0.27	19	110	5	1.08	<2	2	188
DR11005- 010		<10	1	0.06	10	0.17	99	<1	0.17	9	850	3	0.66	<2	1	107
DR11005- 011		10	1	0.20	10	0.23	455	<1	0.28	24	280	3	2.20	<2	2	173
DR11005- 012		10	<1	0.92	20	0.88	171	<1	0.38	37	340	3	1.01	<2	6	170
DR11005- 013		10	<1	1.36	30	1.24	106	<1	0.14	45	250	4	0.57	<2	3	86
DR11005- 014		10	<1	0.86	20	0.91	100	<1	0.31	38	170	5	0.45	<2	6	124
DR11005- 015		10	<1	0.20	10	0.23	84	<1	0.28	15	110	5	0.77	2	2	194
DR11005- 016		10	<1	0.06	10	0.24	108	<1	0.29	10	90	5	1.01	<2	2	183
DR11005- 017		10	<1	0.03	10	0.20	101	1	0.18	11	70	6	0.39	2	1	107
DR11005- 018		10	<1	0.10	20	0.41	114	<1	0.25	14	120	5	0.32	3	3	122
DR11005- 019		10	<1	0.07	10	0.27	133	<1	0.16	12	100	4	0.67	<2	2	78
DR11005- 020		10	<1	0.04	10	0.26	145	<1	0.19	13	80	4	0.82	2	3	72
DR11005- 020S		<10	4	0.16	10	0.12	415	379	0.05	18	380	57	1.07	81	1	281
DR11005- 021		<10	1	0.04	10	0.30	112	1	0.15	13	80	3	0.85	<2	2	55
DR11005- 022		10	<1	0.05	10	0.29	179	<1	0.32	16	130	5	1.81	3	3	156
DR11005- 023		10	1	0.03	10	0.24	177	1	0.29	16	120	6	0.88	2	2	151
DR11005- 024		10	<1	0.02	10	0.22	175	<1	0.15	14	80	4	0.67	<2	2	94
DR11005- 025		10	<1	0.15	20	0.25	181	1	0.28	21	190	5	0.65	<2	2	172
DR11005- 026		10	<1	0.46	20	0.50	200	<1	0.18	23	140	4	0.39	2	4	114
DR11005- 027		20	<1	0.24	20	0.52	187	<1	0.60	22	240	6	0.34	<2	5	296
DR11005- 028		10	1	0.05	10	0.28	193	<1	0.34	12	140	4	0.52	2	2	181
DR11005- 029		10	<1	0.14	10	0.34	361	<1	0.18	14	120	4	0.96	<2	3	112
DR11005- 030		10	<1	0.02	10	0.18	726	<1	0.19	16	130	3	3.54	<2	2	115
DR11005- 031		10	<1	0.03	10	0.11	456	<1	0.18	11	110	3	2.94	<2	1	122
DR11005- 032		20	1	0.05	10	0.09	220	<1	0.49	6	190	8	0.74	2	2	253
DR11005- 033		10	<1	0.90	30	0.98	141	<1	0.42	37	440	3	0.14	4	6	189
DR11005- 034		20	<1	0.51	20	0.54	119	<1	0.67	23	390	9	0.76	<2	6	334
DR11005- 035		20	<1	1.27	20	1.22	106	<1	0.42	45	270	5	0.39	<2	10	175
DR11005- 035R/S		10	<1	1.24	20	1.18	98	<1	0.40	41	230	4	0.32	3	10	168
DR11005- 036		10	<1	0.01	10	0.03	528	<1	0.09	5	260	3	0.90	2	1	93
DR11005- 037		10	<1	0.17	10	0.11	178	<1	0.20	11	320	3	1.20	<2	1	153



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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Ti ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11005- 001		<20	0.04	<10	<10	13	<10	22
DR11005- 001R/S		<20	0.04	<10	<10	13	<10	19
DR11005- 002		<20	0.12	<10	<10	45	<10	43
DR11005- 003		<20	0.09	<10	<10	33	<10	24
DR11005- 004		<20	0.18	<10	<10	43	<10	30
DR11005- 005		<20	0.13	<10	<10	37	<10	25
DR11005- 006		<20	0.03	<10	<10	32	<10	22
DR11005- 007		<20	0.03	<10	<10	8	<10	16
DR11005- 008		<20	0.03	<10	<10	6	<10	17
DR11005- 009		<20	0.08	<10	<10	22	<10	22
DR11005- 010		<20	0.02	<10	<10	7	<10	15
DR11005- 011		<20	0.08	<10	<10	16	<10	28
DR11005- 012		<20	0.18	<10	<10	53	<10	43
DR11005- 013		<20	0.16	<10	<10	40	<10	59
DR11005- 014		<20	0.16	<10	<10	53	<10	35
DR11005- 015		<20	0.08	<10	<10	17	<10	18
DR11005- 016		<20	0.06	<10	<10	19	<10	18
DR11005- 017		<20	0.03	<10	<10	9	<10	17
DR11005- 018		<20	0.03	<10	<10	24	<10	13
DR11005- 019		<20	0.03	<10	<10	18	<10	14
DR11005- 020		<20	0.03	<10	<10	18	<10	16
DR11005- 020S		<20	0.01	<10	<10	17	<10	48
DR11005- 021		<20	0.02	<10	<10	18	<10	12
DR11005- 022		<20	0.06	<10	<10	20	<10	19
DR11005- 023		<20	0.06	<10	<10	15	<10	20
DR11005- 024		<20	0.04	<10	<10	11	<10	17
DR11005- 025		<20	0.07	<10	<10	19	<10	19
DR11005- 026		<20	0.11	<10	<10	33	<10	30
DR11005- 027		<20	0.14	<10	<10	43	<10	30
DR11005- 028		<20	0.08	<10	<10	17	<10	22
DR11005- 029		<20	0.06	<10	<10	20	<10	26
DR11005- 030		<20	0.07	<10	<10	14	<10	39
DR11005- 031		<20	0.08	<10	<10	10	<10	22
DR11005- 032		<20	0.09	<10	<10	14	<10	21
DR11005- 033		<20	0.20	<10	<10	53	<10	30
DR11005- 034		<20	0.18	<10	<10	46	<10	38
DR11005- 035		<20	0.20	<10	<10	81	<10	36
DR11005- 035R/S		<20	0.20	<10	<10	79	<10	35
DR11005- 036		<20	0.08	<10	<10	10	<10	19
DR11005- 037		<20	0.07	<10	<10	10	<10	29



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11005- 038		0.49	0.01	<0.2	3.48	<2	<10	10	0.5	3	3.42	<0.5	2	91	36	1.30
DR11005- 039		0.53	3.24	1.6	2.07	3	<10	20	<0.5	1045	2.53	<0.5	41	118	1115	10.95
DR11005- 040		0.47	0.35	0.9	1.52	3	<10	20	<0.5	110	1.59	<0.5	29	159	803	10.00
DR11005- 040S		0.05	3.29	73.4	1.30	87	<10	80	<0.5	4	2.01	<0.5	8	19	765	3.14
DR11005- 040B		0.05	0.01	<0.2	0.51	<2	<10	180	<0.5	<2	0.13	<0.5	2	8	6	1.41
DR11005- 041		0.48	0.01	<0.2	2.89	<2	<10	40	0.5	<2	2.36	<0.5	3	186	51	1.30
DR11005- 042		0.50	0.01	<0.2	2.38	<2	<10	20	<0.5	<2	1.72	<0.5	2	152	23	0.65
DR11005- 043		0.50	0.03	<0.2	2.94	<2	<10	30	0.5	12	2.14	<0.5	2	198	47	0.83
DR11005- 044		0.49	<0.01	<0.2	3.41	<2	<10	20	<0.5	<2	2.53	<0.5	1	160	10	0.57
DR11005- 045		0.49	<0.01	<0.2	2.70	<2	<10	20	<0.5	<2	1.99	<0.5	2	179	25	0.70
DR11005- 046		0.45	0.02	<0.2	3.51	<2	<10	20	0.6	7	2.76	<0.5	2	138	29	1.18
DR11005- 047		0.45	0.03	<0.2	2.30	17	<10	10	<0.5	6	2.56	<0.5	2	287	109	1.50
DR11005- 048		0.34	<0.01	<0.2	3.02	2	<10	40	0.5	<2	2.16	<0.5	3	183	39	1.03
DR11005- 049		0.49	0.03	<0.2	2.37	<2	<10	30	<0.5	<2	1.75	<0.5	3	163	49	0.94
DR11005- 050		0.46	0.02	0.4	5.63	7	<10	80	1.3	<2	3.49	<0.5	37	118	599	5.30
DR11005- 051		0.44	0.03	0.2	6.50	2	<10	100	1.9	6	4.53	<0.5	24	66	304	3.82
DR11005- 052		0.46	<0.01	<0.2	4.64	9	<10	160	1.6	<2	2.44	<0.5	8	71	28	2.76
DR11005- 053		0.45	<0.01	<0.2	4.04	12	<10	180	1.4	<2	1.14	<0.5	10	104	30	3.27
DR11005- 054		0.49	<0.01	<0.2	4.16	8	<10	190	1.3	<2	1.72	<0.5	10	78	23	2.34
DR11005- 055		0.46	<0.01	<0.2	3.00	17	<10	160	1.2	<2	1.03	<0.5	15	52	29	3.04
DR11005- 056		0.49	<0.01	<0.2	6.47	2	<10	130	1.8	<2	4.18	<0.5	5	98	50	1.48
DR11005- 057		0.47	0.11	0.2	7.01	<2	<10	30	1.2	33	5.20	<0.5	7	98	287	3.92
DR11005- 058		0.48	0.02	<0.2	8.25	2	<10	100	2.3	<2	4.97	<0.5	10	74	126	2.23
DR11005- 059		0.52	0.01	<0.2	3.54	3	<10	100	1.1	4	2.20	<0.5	9	198	208	3.56
DR11005- 060		0.50	0.02	<0.2	3.58	<2	<10	40	0.7	4	2.61	<0.5	16	91	632	4.94
DR11005- 060S		0.05	1.46	31.8	0.37	22	<10	240	<0.5	2	1.31	<0.5	8	30	3170	2.57
DR11005- 061		0.49	<0.01	<0.2	2.15	<2	<10	40	<0.5	2	1.58	<0.5	5	372	100	1.72
DR11005- 062		0.51	0.01	<0.2	2.17	<2	<10	30	<0.5	<2	1.73	<0.5	5	178	284	1.58
DR11005- 063		0.53	0.01	<0.2	2.13	<2	<10	30	<0.5	3	1.94	<0.5	6	392	191	2.09
DR11005- 064		0.53	0.01	<0.2	3.90	<2	<10	50	0.5	4	2.92	<0.5	6	143	147	1.83
DR11005- 065		0.51	0.25	<0.2	2.01	<2	<10	70	<0.5	105	1.85	<0.5	3	405	89	1.30
DR11005- 066		0.49	0.02	<0.2	1.19	<2	<10	30	<0.5	4	1.87	<0.5	2	184	53	1.00
DR11005- 067		0.50	0.31	<0.2	0.71	<2	<10	40	<0.5	46	1.50	<0.5	3	450	75	1.68
DR11005- 067R/S		0.53	0.09	<0.2	0.69	<2	<10	30	<0.5	41	1.51	<0.5	3	166	78	1.49
DR11005- 068		0.53	0.01	<0.2	1.39	<2	<10	210	<0.5	3	1.16	<0.5	2	382	46	1.06
DR11005- 069		0.51	0.01	<0.2	1.16	<2	<10	50	<0.5	2	1.44	<0.5	2	140	105	0.68
DR11005- 070		0.50	0.02	<0.2	1.59	<2	<10	60	<0.5	3	1.30	<0.5	2	260	41	0.96
DR11005- 071		0.53	0.02	<0.2	1.20	<2	<10	40	<0.5	3	1.09	<0.5	2	334	45	1.15
DR11005- 072		0.49	0.04	<0.2	0.91	<2	<10	30	<0.5	6	1.62	<0.5	3	176	41	0.84
DR11005- 073		0.50	1.59	0.2	0.68	1690	<10	20	<0.5	137	1.34	<0.5	23	358	77	1.54



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CERTIFICATE OF ANALYSIS AC11202156

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11005- 038		10	<1	0.03	20	0.04	269	<1	0.21	6	200	3	0.30	<2	1	148
DR11005- 039		<10	<1	0.03	10	0.08	131	<1	0.10	23	70	7	5.80	<2	1	65
DR11005- 040		<10	<1	0.10	10	0.15	86	1	0.07	25	80	10	4.97	<2	1	24
DR11005- 040S		<10	1	0.15	<10	0.85	834	692	0.08	10	690	42	0.24	56	2	93
DR11005- 040B		<10	<1	0.32	10	0.21	321	1	0.09	1	190	2	0.01	<2	4	8
DR11005- 041		10	<1	0.13	20	0.22	143	<1	0.25	12	120	2	0.29	<2	2	121
DR11005- 042		10	<1	0.06	20	0.08	61	<1	0.20	7	110	5	0.15	<2	1	112
DR11005- 043		10	1	0.10	10	0.09	63	<1	0.21	8	110	5	0.23	<2	1	120
DR11005- 044		10	1	0.06	10	0.09	74	<1	0.25	6	130	4	0.08	<2	1	135
DR11005- 045		10	<1	0.07	20	0.10	64	1	0.24	11	110	9	0.15	<2	1	127
DR11005- 046		10	<1	0.07	10	0.12	179	<1	0.25	8	120	6	0.24	<2	1	136
DR11005- 047		10	<1	0.03	20	0.07	107	<1	0.15	9	110	8	0.81	<2	1	84
DR11005- 048		10	1	0.13	20	0.17	93	<1	0.27	12	120	10	0.28	<2	2	139
DR11005- 049		10	<1	0.07	10	0.11	79	<1	0.27	11	110	5	0.28	<2	1	112
DR11005- 050		10	<1	0.48	20	0.40	92	<1	0.52	58	560	5	2.80	<2	3	298
DR11005- 051		10	<1	0.38	20	0.42	251	<1	0.59	66	780	4	1.69	<2	4	379
DR11005- 052		10	<1	1.21	40	0.86	140	<1	0.34	34	740	5	0.14	<2	5	227
DR11005- 053		10	<1	1.39	30	1.21	113	<1	0.28	47	230	4	0.22	<2	7	121
DR11005- 054		10	<1	1.27	30	0.95	97	<1	0.35	40	480	2	0.23	<2	6	174
DR11005- 055		10	<1	1.33	30	0.86	121	<1	0.18	47	900	<2	0.27	<2	4	78
DR11005- 056		10	<1	0.50	20	0.41	111	<1	0.51	27	600	5	0.44	<2	3	365
DR11005- 057		10	<1	0.07	10	0.18	223	<1	0.41	16	300	3	1.98	<2	2	342
DR11005- 058		20	<1	0.47	20	0.57	123	<1	0.84	37	480	6	0.98	<2	5	437
DR11005- 059		10	<1	0.40	20	0.78	170	<1	0.27	37	690	3	1.47	<2	3	153
DR11005- 060		10	<1	0.07	10	0.32	73	<1	0.27	23	470	3	2.72	<2	2	173
DR11005- 060S		<10	4	0.16	10	0.14	421	353	0.06	19	380	58	1.09	76	1	270
DR11005- 061		<10	<1	0.10	10	0.19	95	1	0.18	18	160	4	0.70	<2	1	104
DR11005- 062		<10	<1	0.07	10	0.24	62	<1	0.16	16	140	3	0.80	<2	1	92
DR11005- 063		<10	<1	0.07	10	0.25	97	2	0.14	24	110	2	0.99	<2	1	104
DR11005- 064		10	<1	0.09	10	0.41	84	<1	0.24	20	500	5	0.91	<2	1	203
DR11005- 065		<10	<1	0.07	10	0.20	102	2	0.13	13	170	8	0.46	<2	1	99
DR11005- 066		<10	<1	0.09	10	0.20	73	<1	0.06	8	90	2	0.43	<2	1	30
DR11005- 067		<10	<1	0.15	10	0.19	89	1	0.04	13	130	4	0.70	<2	1	23
DR11005- 067R/S		<10	<1	0.13	10	0.19	57	<1	0.04	8	140	4	0.76	<2	1	23
DR11005- 068		<10	<1	0.05	10	0.22	77	1	0.11	14	100	3	0.35	<2	1	60
DR11005- 069		<10	<1	0.07	10	0.31	62	<1	0.09	5	100	4	0.36	<2	1	92
DR11005- 070		<10	<1	0.07	10	0.35	78	1	0.13	8	100	5	0.32	<2	1	128
DR11005- 071		<10	<1	0.09	10	0.37	76	1	0.10	11	120	3	0.39	<2	1	89
DR11005- 072		<10	<1	0.06	10	0.31	75	<1	0.10	10	130	5	0.32	<2	1	100
DR11005- 073		<10	<1	0.08	10	0.18	71	1	0.07	22	100	15	0.69	<2	1	79



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CERTIFICATE OF ANALYSIS AC11202156

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Ti ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11005- 038		<20	0.08	<10	<10	7	<10	24
DR11005- 039		<20	0.03	<10	<10	7	<10	18
DR11005- 040		<20	0.04	<10	<10	10	<10	21
DR11005- 040S		<20	0.09	<10	<10	30	<10	99
DR11005- 040B		<20	0.09	<10	<10	16	<10	19
DR11005- 041		<20	0.08	<10	<10	19	<10	23
DR11005- 042		<20	0.05	<10	<10	10	<10	18
DR11005- 043		<20	0.06	<10	<10	11	<10	17
DR11005- 044		<20	0.06	<10	<10	10	<10	25
DR11005- 045		20	0.07	<10	<10	12	<10	23
DR11005- 046		20	0.08	<10	<10	12	<10	30
DR11005- 047		20	0.07	<10	<10	8	<10	26
DR11005- 048		<20	0.07	<10	<10	17	<10	30
DR11005- 049		<20	0.06	<10	<10	11	<10	21
DR11005- 050		<20	0.10	<10	<10	29	<10	32
DR11005- 051		<20	0.08	<10	<10	30	<10	32
DR11005- 052		20	0.18	<10	<10	44	<10	44
DR11005- 053		20	0.18	<10	<10	56	<10	52
DR11005- 054		20	0.18	<10	<10	50	<10	25
DR11005- 055		20	0.21	<10	<10	38	<10	26
DR11005- 056		20	0.07	<10	<10	27	<10	20
DR11005- 057		<20	0.09	<10	<10	17	<10	31
DR11005- 058		20	0.10	<10	<10	38	<10	21
DR11005- 059		20	0.09	<10	<10	27	<10	20
DR11005- 060		<20	0.02	<10	<10	17	<10	16
DR11005- 060S		<20	0.01	<10	<10	17	<10	51
DR11005- 061		<20	0.03	<10	<10	10	<10	11
DR11005- 062		<20	0.02	<10	<10	11	<10	13
DR11005- 063		<20	0.03	<10	<10	12	<10	12
DR11005- 064		<20	0.03	<10	<10	14	<10	66
DR11005- 065		<20	0.02	<10	<10	10	<10	11
DR11005- 066		<20	0.02	<10	<10	9	<10	7
DR11005- 067		<20	0.01	<10	<10	8	<10	8
DR11005- 067R/5		<20	0.01	<10	<10	7	<10	9
DR11005- 068		<20	0.02	<10	<10	9	<10	9
DR11005- 069		<20	0.02	<10	<10	9	<10	12
DR11005- 070		<20	0.02	<10	<10	11	<10	9
DR11005- 071		<20	0.02	<10	<10	10	<10	9
DR11005- 072		<20	0.01	<10	<10	10	<10	16
DR11005- 073		<20	0.01	<10	<10	6	<10	9



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11005- 074		0.50	0.13	<0.2	0.88	2	<10	20	<0.5	15	1.61	<0.5	3	110	67	0.93
DR11005- 075		0.51	0.03	<0.2	0.53	91	<10	10	<0.5	6	2.47	<0.5	3	441	44	0.94
DR11005- 076		0.49	0.04	<0.2	0.48	114	<10	10	<0.5	8	2.12	<0.5	3	139	36	0.83
DR11005- 077		0.51	0.10	<0.2	0.59	2210	<10	20	<0.5	17	1.83	<0.5	18	310	83	1.43
DR11005- 078		0.52	0.03	<0.2	0.54	6	<10	10	<0.5	6	2.70	<0.5	3	155	72	1.14
DR11005- 079		0.50	0.05	<0.2	0.59	2	<10	10	<0.5	14	2.25	<0.5	4	243	87	1.17
DR11005- 080		0.53	0.02	<0.2	0.33	<2	<10	10	<0.5	2	2.11	<0.5	2	439	48	0.89
DR11005- 080S		0.05	3.43	76.4	1.29	95	<10	80	<0.5	7	1.97	<0.5	8	18	759	3.10
DR11005- 080B		0.05	0.01	<0.2	0.53	<2	<10	180	<0.5	<2	0.13	<0.5	2	8	4	1.44
DR11005- 081		0.50	0.02	<0.2	0.22	<2	<10	10	<0.5	2	4.27	<0.5	3	116	53	0.96
DR11005- 082		0.52	0.08	<0.2	0.30	2	<10	10	<0.5	5	2.61	<0.5	2	439	29	0.90
DR11005- 083		0.46	0.01	<0.2	0.19	<2	<10	10	<0.5	<2	2.03	<0.5	2	117	13	0.64
DR11005- 084		0.54	0.02	<0.2	0.39	<2	<10	10	<0.5	2	2.80	<0.5	2	171	22	0.65
DR11005- 085		0.50	0.28	<0.2	0.43	<2	<10	30	<0.5	8	3.25	<0.5	10	161	126	2.29
DR11005- 086		0.53	1.73	1.0	1.08	<2	<10	80	<0.5	70	5.50	<0.5	68	68	1200	14.8
DR11005- 087		0.52	0.06	<0.2	0.58	<2	<10	30	<0.5	7	5.34	<0.5	6	142	103	1.78
DR11005- 088		0.23	0.10	<0.2	0.53	<2	<10	30	<0.5	8	3.57	<0.5	1	277	26	0.91
DR11005- 089		0.52	0.66	0.4	1.10	3	<10	150	1.1	37	8.4	<0.5	35	72	934	8.60
DR11005- 090		0.51	0.12	<0.2	0.42	5	<10	20	0.5	11	2.69	<0.5	5	145	107	2.13
DR11005- 091		0.49	0.02	<0.2	0.81	10	<10	80	1.2	4	3.35	<0.5	14	58	97	2.96
DR11005- 092		0.50	<0.01	<0.2	0.45	<2	<10	60	<0.5	<2	2.20	<0.5	7	136	46	2.20
DR11005- 093		0.50	<0.01	<0.2	0.34	<2	<10	20	<0.5	<2	1.63	<0.5	4	175	41	1.59
DR11005- 094		0.50	<0.01	<0.2	0.80	<2	<10	120	1.0	<2	0.69	<0.5	16	48	41	4.21
DR11005- 095		0.49	<0.01	<0.2	0.95	<2	<10	120	1.0	<2	0.62	<0.5	11	70	32	2.83
DR11005- 096		0.48	<0.01	<0.2	0.54	<2	<10	80	0.6	<2	1.04	<0.5	10	142	35	3.41
DR11005- 097		0.52	<0.01	<0.2	0.53	<2	<10	60	0.6	<2	1.12	<0.5	9	109	34	2.41
DR11005- 098		0.50	<0.01	<0.2	0.51	<2	<10	60	0.5	<2	0.65	<0.5	12	129	45	3.12
DR11005- 099		0.49	<0.01	<0.2	0.46	<2	<10	50	<0.5	<2	0.70	<0.5	9	157	34	2.74
DR11005- 100		0.51	<0.01	<0.2	0.62	<2	<10	90	0.9	<2	0.79	<0.5	13	64	44	2.95
DR11005- 100R/S		0.36	<0.01	<0.2	0.70	<2	<10	100	0.9	<2	0.77	<0.5	14	82	43	2.95
DR11005- 100S		0.05	1.45	33.0	0.37	25	<10	230	<0.5	<2	1.27	<0.5	8	30	3110	2.55
DR11005- 101		0.50	<0.01	<0.2	0.41	<2	<10	50	<0.5	<2	1.17	<0.5	6	158	39	2.41
DR11005- 102		0.49	<0.01	<0.2	0.23	<2	<10	20	<0.5	<2	1.19	<0.5	4	216	43	1.71
DR11005- 103		0.48	0.01	<0.2	0.85	16	<10	110	1.2	2	0.91	<0.5	12	88	53	3.07
DR11005- 104		0.51	<0.01	<0.2	0.26	6	<10	50	<0.5	<2	0.90	<0.5	3	260	16	1.23
DR11005- 105		0.50	0.02	<0.2	0.53	10	<10	70	0.6	2	1.40	<0.5	11	108	42	2.93
DR11005- 106		0.50	0.01	<0.2	0.45	13	<10	60	0.9	<2	1.43	<0.5	12	61	41	3.78
DR11005- 107		0.51	0.01	<0.2	0.39	13	<10	50	0.5	<2	1.71	<0.5	8	171	48	2.96
DR11005- 108		0.52	0.01	<0.2	0.37	19	<10	40	0.5	3	1.74	<0.5	9	170	47	2.63
DR11005- 109		0.50	0.02	<0.2	0.49	26	<10	70	0.8	<2	1.22	<0.5	11	99	27	4.07



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Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11005- 074		<10	<1	0.06	10	0.20	63	<1	0.07	11	110	5	0.42	<2	1	64
DR11005- 075		<10	<1	0.08	20	0.11	100	1	0.04	15	110	<2	0.27	<2	1	62
DR11005- 076		<10	<1	0.06	20	0.16	69	<1	0.05	7	100	2	0.34	<2	1	62
DR11005- 077		<10	1	0.07	20	0.14	81	1	0.06	23	100	3	0.62	<2	1	70
DR11005- 078		<10	<1	0.05	20	0.14	100	<1	0.05	9	100	4	0.53	<2	2	65
DR11005- 079		<10	<1	0.06	10	0.14	99	1	0.05	13	120	6	0.47	<2	2	92
DR11005- 080		<10	1	0.04	20	0.09	109	1	0.03	14	170	4	0.18	2	1	55
DR11005- 080S		<10	<1	0.16	<10	0.88	853	683	0.06	9	890	38	0.22	57	1	97
DR11005- 080B		<10	<1	0.33	10	0.22	330	1	0.09	1	190	3	<0.01	<2	4	10
DR11005- 081		<10	<1	0.02	10	0.11	137	<1	0.02	13	190	4	0.33	<2	1	78
DR11005- 082		<10	<1	0.04	10	0.12	122	1	0.02	13	150	3	0.08	<2	1	55
DR11005- 083		<10	<1	0.05	20	0.16	83	<1	0.03	8	90	3	0.07	<2	1	48
DR11005- 084		<10	<1	0.04	10	0.21	92	1	0.02	7	80	4	0.11	2	1	62
DR11005- 085		<10	<1	0.05	20	0.30	123	<1	0.10	18	150	4	1.08	<2	1	97
DR11005- 086		<10	1	0.07	40	0.38	319	<1	0.42	92	200	3	6.38	<2	2	221
DR11005- 087		<10	<1	0.04	10	0.41	181	<1	0.21	11	100	3	0.67	<2	1	200
DR11005- 088		<10	<1	0.04	10	0.33	143	<1	0.08	7	140	4	0.08	<2	1	153
DR11005- 089		<10	<1	0.11	50	0.65	312	<1	0.17	87	330	4	3.88	<2	3	541
DR11005- 090		<10	<1	0.04	10	0.25	191	1	0.02	16	250	5	0.54	2	2	71
DR11005- 091		<10	<1	0.26	30	0.68	214	1	0.05	37	370	5	0.50	<2	4	130
DR11005- 092		<10	<1	0.16	20	0.49	165	<1	0.03	23	120	3	0.20	<2	2	63
DR11005- 093		<10	<1	0.10	10	0.83	156	<1	0.03	12	60	3	0.08	<2	2	51
DR11005- 094		<10	<1	0.29	60	0.77	203	<1	0.04	40	480	16	0.22	<2	3	51
DR11005- 095		<10	<1	0.31	50	0.52	190	<1	0.04	30	620	14	0.18	<2	4	56
DR11005- 096		<10	<1	0.19	30	0.74	253	<1	0.04	27	320	6	0.20	<2	3	68
DR11005- 097		<10	<1	0.22	30	0.51	177	<1	0.04	29	280	4	0.24	<2	3	70
DR11005- 098		<10	<1	0.20	30	0.53	167	<1	0.03	35	150	4	0.33	<2	2	46
DR11005- 099		<10	<1	0.17	30	0.51	192	<1	0.03	25	120	3	0.15	2	2	53
DR11005- 100		<10	<1	0.28	50	0.55	220	1	0.04	42	450	5	0.26	<2	3	80
DR11005- 100R/S		<10	<1	0.32	50	0.54	222	1	0.04	41	440	4	0.26	<2	3	80
DR11005- 100S		<10	4	0.15	10	0.14	418	369	0.05	18	390	61	1.08	77	1	280
DR11005- 101		<10	<1	0.11	20	0.63	335	1	0.02	18	120	<2	0.05	<2	2	122
DR11005- 102		<10	<1	0.08	10	0.47	365	1	0.02	10	50	4	0.31	<2	1	94
DR11005- 103		<10	<1	0.30	30	0.50	382	<1	0.04	34	340	5	0.51	3	4	137
DR11005- 104		<10	<1	0.14	10	0.23	181	<1	0.02	11	320	4	0.32	<2	1	58
DR11005- 105		<10	<1	0.30	20	0.72	330	<1	0.03	28	660	8	0.43	7	3	144
DR11005- 106		<10	<1	0.28	20	0.75	305	<1	0.04	34	420	5	1.87	5	3	155
DR11005- 107		<10	<1	0.24	10	0.70	350	<1	0.03	21	230	5	0.85	8	3	138
DR11005- 108		<10	<1	0.23	20	0.64	377	<1	0.03	24	210	7	0.70	11	3	138
DR11005- 109		<10	<1	0.30	30	0.87	403	<1	0.04	35	380	2	0.29	15	4	108



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CERTIFICATE OF ANALYSIS AC11202156

Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11005- 074		<20	0.01	<10	<10	9	<10	12
DR11005- 075		<20	<0.01	<10	<10	8	<10	5
DR11005- 076		<20	<0.01	<10	<10	7	<10	8
DR11005- 077		<20	<0.01	<10	<10	8	<10	8
DR11005- 078		<20	<0.01	<10	<10	11	<10	13
DR11005- 079		<20	<0.01	<10	<10	8	<10	16
DR11005- 080		<20	<0.01	<10	<10	7	<10	12
DR11005- 080S		<20	0.09	<10	<10	30	<10	98
DR11005- 0808		<20	0.10	<10	<10	18	<10	19
DR11005- 081		<20	<0.01	<10	<10	6	<10	13
DR11005- 082		<20	<0.01	<10	<10	7	<10	13
DR11005- 083		<20	<0.01	<10	<10	6	<10	11
DR11005- 084		<20	<0.01	<10	<10	7	<10	11
DR11005- 085		<20	<0.01	<10	<10	7	<10	12
DR11005- 086		<20	<0.01	<10	<10	11	<10	25
DR11005- 087		<20	<0.01	<10	<10	7	<10	10
DR11005- 088		<20	<0.01	<10	<10	6	<10	8
DR11005- 089		<20	<0.01	<10	<10	21	<10	23
DR11005- 090		<20	<0.01	<10	<10	11	<10	16
DR11005- 091		20	<0.01	<10	<10	22	<10	61
DR11005- 092		<20	<0.01	<10	<10	14	<10	25
DR11005- 093		<20	<0.01	<10	<10	12	<10	27
DR11005- 094		20	<0.01	<10	<10	30	<10	71
DR11005- 095		20	0.01	<10	<10	26	<10	59
DR11005- 096		<20	<0.01	<10	<10	20	<10	55
DR11005- 097		<20	<0.01	<10	<10	16	<10	44
DR11005- 098		<20	<0.01	<10	<10	20	<10	56
DR11005- 099		<20	<0.01	<10	<10	19	<10	58
DR11005- 100		20	<0.01	<10	<10	16	<10	47
DR11005- 100R/5		20	<0.01	<10	<10	16	<10	48
DR11005- 100S		<20	0.01	<10	<10	17	<10	49
DR11005- 101		<20	<0.01	<10	<10	19	<10	34
DR11005- 102		<20	<0.01	<10	<10	7	<10	18
DR11005- 103		<20	<0.01	<10	<10	16	<10	57
DR11005- 104		<20	<0.01	<10	<10	3	<10	5
DR11005- 105		20	<0.01	<10	<10	7	<10	48
DR11005- 106		<20	<0.01	<10	<10	7	<10	72
DR11005- 107		<20	<0.01	<10	<10	6	<10	39
DR11005- 108		<20	<0.01	<10	<10	7	<10	30
DR11005- 109		20	<0.01	<10	<10	10	<10	62



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CERTIFICATE OF ANALYSIS AC11202156

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11005- 110		0.50	0.01	<0.2	0.49	<2	<10	50	0.5	<2	1.31	<0.5	6	175	22	2.10
DR11005- 111		0.51	0.14	0.2	0.49	<2	<10	70	<0.5	20	1.35	<0.5	5	180	144	3.11
DR11005- 112		0.49	0.01	<0.2	0.57	<2	<10	70	<0.5	<2	1.08	<0.5	6	220	22	2.16
DR11005- 113		0.52	0.02	<0.2	0.57	<2	<10	50	<0.5	3	1.25	<0.5	4	207	30	1.80
DR11005- 114		0.50	0.02	<0.2	0.40	43	<10	40	<0.5	11	1.42	<0.5	5	225	42	1.85
DR11005- 115		0.50	0.01	<0.2	0.59	<2	<10	50	<0.5	<2	0.85	<0.5	6	200	23	2.33
DR11005- 116		0.51	<0.01	0.2	0.65	<2	<10	70	0.7	<2	0.91	<0.5	11	141	45	3.49
DR11005- 117		0.54	<0.01	<0.2	1.14	2	<10	70	0.9	2	0.96	<0.5	15	100	40	3.59



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CERTIFICATE OF ANALYSIS AC11202156

Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11005- 110		<10	<1	0.18	20	0.49	321	<1	0.03	17	200	5	0.25	<2	2	98
DR11005- 111		<10	<1	0.11	20	0.23	642	2	0.04	13	410	4	1.94	2	2	79
DR11005- 112		<10	<1	0.19	10	0.36	566	2	0.06	17	130	3	0.43	<2	2	70
DR11005- 113		<10	<1	0.10	10	0.37	935	2	0.08	11	140	3	0.40	<2	2	104
DR11005- 114		<10	<1	0.13	20	0.35	887	2	0.05	12	150	6	0.55	<2	2	74
DR11005- 115		<10	<1	0.21	20	0.44	439	2	0.05	17	180	4	0.29	<2	2	45
DR11005- 116		<10	<1	0.36	20	0.79	460	2	0.04	27	220	6	0.43	<2	2	64
DR11005- 117		<10	<1	0.56	30	0.82	402	1	0.04	30	300	2	0.41	<2	3	51



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CERTIFICATE OF ANALYSIS AC11202156

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
DR11005- 110		<20	<0.01	<10	<10	13	<10	34
DR11005- 111		<20	0.01	<10	<10	13	<10	21
DR11005- 112		<20	0.01	<10	<10	17	<10	30
DR11005- 113		<20	0.01	<10	<10	16	<10	29
DR11005- 114		<20	0.01	<10	<10	14	<10	23
DR11005- 115		<20	0.01	<10	<10	19	<10	36
DR11005- 116		<20	0.02	<10	<10	25	<10	50
DR11005- 117		20	0.04	<10	<10	32	<10	53



Minerals

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CERTIFICATE AC11202157

Project: Terra Logic 11- 8195

P.O. No.: Dragon Lake

This report is for 68 Pulp samples submitted to our lab in Anchorage, AK, USA on 26- SEP- 2011.

The following have access to data associated with this certificate:

LYNNE BRUCE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- QC	QC Test on Received Samples
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: ECO- TECH LABORATORIES LTD.

ATTN: LYNNE BRUCE

10041 DALLAS DR

KAMLOOPS BC V2C 6T4

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS AC11202157

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11006- 001		0.54	<0.01	0.3	1.82	<2	<10	100	0.5	6	1.28	<0.5	9	155	116	4.18
DR11006- 001R/S		0.52	<0.01	0.4	1.82	<2	<10	90	0.5	7	1.29	<0.5	7	192	115	3.92
DR11006- 002		0.53	<0.01	<0.2	2.14	<2	<10	80	<0.5	3	0.91	<0.5	14	163	60	4.08
DR11006- 003		0.52	<0.01	<0.2	3.06	<2	<10	150	0.8	<2	1.78	<0.5	11	166	40	2.98
DR11006- 004		0.52	<0.01	<0.2	2.25	<2	<10	80	0.5	<2	0.73	<0.5	15	172	22	3.89
DR11006- 005		0.51	<0.01	0.6	3.01	<2	<10	70	1.6	19	3.32	<0.5	9	102	145	5.55
DR11006- 006		0.53	0.10	0.8	5.16	4	<10	60	4.3	217	6.7	<0.5	8	54	1345	14.2
DR11006- 007		0.51	0.05	0.5	3.37	2	<10	40	2.6	116	5.34	<0.5	4	33	635	11.30
DR11006- 008		0.50	<0.01	1.3	1.87	5	<10	20	4.3	261	2.52	<0.5	5	80	1945	20.4
DR11006- 009		0.52	0.20	1.7	1.63	<2	<10	20	3.3	455	1.54	<0.5	7	59	2470	30.1
DR11006- 010		0.51	0.17	0.7	1.75	<2	<10	80	1.4	87	0.92	<0.5	6	217	773	8.89
DR11006- 011		0.51	0.19	90.2	0.53	2	<10	40	<0.5	11	0.58	<0.5	21	258	371	4.23
DR11006- 012		0.51	0.01	<0.2	0.39	<2	<10	20	<0.5	2	0.90	<0.5	3	291	44	1.33
DR11006- 013		0.50	<0.01	0.7	0.48	<2	<10	50	<0.5	<2	1.38	<0.5	7	246	16	1.85
DR11006- 014		0.49	0.13	<0.2	1.65	<2	<10	250	<0.5	3	1.84	<0.5	4	283	46	1.79
DR11006- 015		0.51	0.13	<0.2	0.56	<2	<10	90	<0.5	4	1.47	<0.5	4	274	61	1.68
DR11006- 016		0.51	<0.01	<0.2	0.26	<2	<10	30	<0.5	<2	1.19	<0.5	4	338	39	1.48
DR11006- 017		0.51	<0.01	0.2	0.22	2	<10	30	<0.5	<2	1.39	<0.5	4	284	27	1.43
DR11006- 018		0.51	0.02	0.2	0.25	39	<10	40	<0.5	3	1.70	<0.5	3	281	93	2.01
DR11006- 019		0.51	<0.01	<0.2	0.45	8	<10	40	0.5	<2	2.68	<0.5	4	280	20	1.92
DR11006- 020		0.52	<0.01	<0.2	0.44	<2	<10	50	0.5	2	1.05	<0.5	6	148	36	1.62
DR11006- 020S		0.05	3.52	78.2	1.36	92	<10	80	<0.5	7	2.10	<0.5	9	19	784	3.36
DR11006- 021		0.54	<0.01	<0.2	0.40	<2	<10	50	<0.5	<2	0.77	<0.5	5	347	40	1.90
DR11006- 022		0.52	0.02	0.4	0.36	639	<10	40	<0.5	7	2.63	<0.5	4	352	116	1.95
DR11006- 023		0.52	<0.01	<0.2	0.42	<2	<10	40	<0.5	2	0.46	<0.5	3	182	28	1.56
DR11006- 024		0.47	<0.01	0.2	0.44	2	<10	40	<0.5	2	0.58	<0.5	4	280	89	2.04
DR11006- 025		0.53	<0.01	0.2	0.46	<2	<10	60	<0.5	2	0.83	<0.5	6	286	45	2.15
DR11006- 026		0.52	<0.01	<0.2	0.28	<2	<10	40	<0.5	<2	0.77	<0.5	3	138	18	1.32
DR11006- 027		0.53	<0.01	0.2	0.35	2	<10	50	<0.5	<2	0.92	<0.5	4	342	26	1.58
DR11006- 028		0.51	<0.01	<0.2	0.45	<2	<10	60	<0.5	<2	0.37	<0.5	4	301	90	1.69
DR11006- 029		0.53	<0.01	0.2	0.72	38	<10	100	0.7	3	1.16	<0.5	17	89	145	2.08
DR11006- 030		0.52	<0.01	<0.2	0.73	10	<10	110	1.1	<2	1.09	<0.5	12	75	46	2.40
DR11006- 031		0.51	<0.01	<0.2	0.84	2	<10	130	0.5	<2	1.36	<0.5	8	229	55	2.34
DR11006- 032		0.52	0.01	<0.2	0.66	<2	<10	120	0.7	<2	2.38	<0.5	3	186	35	2.40
DR11006- 033		0.54	0.01	0.4	0.77	<2	<10	120	0.6	9	2.40	<0.5	5	62	74	2.23
DR11006- 034		0.53	<0.01	<0.2	0.76	3	<10	120	0.6	2	1.81	<0.5	4	182	59	2.72
DR11006- 035		0.52	0.10	0.6	0.77	<2	<10	130	0.6	47	2.29	<0.5	4	219	30	2.48
DR11006- 035R/S		0.54	0.03	0.3	0.71	<2	<10	120	0.6	23	2.38	<0.5	4	105	27	2.27
DR11006- 036		0.53	<0.01	<0.2	1.00	2	<10	150	0.6	2	1.59	<0.5	6	172	43	2.82
DR11006- 037		0.52	0.02	0.4	0.68	2	<10	110	0.7	33	1.82	<0.5	6	162	103	2.97



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Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11006- 001		10	<1	0.12	20	0.42	394	1	0.08	17	140	5	0.86	2	3	84
DR11006- 001R/S		10	<1	0.12	20	0.41	377	2	0.09	17	140	5	0.78	3	3	85
DR11006- 002		10	<1	0.23	10	0.92	254	1	0.08	35	80	2	0.63	<2	6	39
DR11006- 003		10	<1	0.29	10	0.79	205	1	0.20	30	100	<2	0.49	<2	6	142
DR11006- 004		10	<1	0.41	10	1.00	268	1	0.09	36	330	2	0.14	<2	7	33
DR11006- 005		20	<1	0.31	20	0.99	734	3	0.08	29	1310	12	1.42	2	7	58
DR11006- 006		30	<1	0.04	20	0.45	1705	<1	0.12	15	570	2	7.41	6	4	273
DR11006- 007		20	<1	0.02	10	0.44	2180	1	0.09	9	440	<2	4.34	4	2	211
DR11006- 008		10	<1	0.01	<10	0.48	1985	<1	0.03	5	330	<2	9.20	6	1	62
DR11006- 009		20	1	0.01	<10	0.32	1675	<1	0.03	3	350	<2	>10.0	6	1	39
DR11006- 010		10	<1	0.03	10	0.40	783	2	0.04	7	140	<2	4.68	2	2	55
DR11006- 011		<10	<1	0.07	10	0.20	197	22	0.03	38	70	<2	2.02	<2	1	18
DR11006- 012		<10	<1	0.08	10	0.18	137	2	0.02	11	70	2	0.23	<2	1	20
DR11006- 013		<10	<1	0.15	10	0.24	186	2	0.04	16	630	4	0.10	<2	2	28
DR11006- 014		<10	<1	0.06	10	0.23	293	2	0.15	11	190	<2	0.57	<2	1	202
DR11006- 015		<10	<1	0.09	10	0.18	231	2	0.05	10	120	3	0.52	<2	1	69
DR11006- 016		<10	<1	0.10	10	0.27	230	2	0.02	14	120	9	0.11	<2	1	33
DR11006- 017		<10	<1	0.10	10	0.22	197	2	0.02	11	150	11	0.19	6	1	42
DR11006- 018		<10	<1	0.12	10	0.19	296	2	0.02	11	70	11	0.87	<2	1	56
DR11006- 019		<10	<1	0.14	10	0.34	312	2	0.03	15	130	8	0.10	4	3	123
DR11006- 020		<10	<1	0.11	10	0.20	205	1	0.02	12	130	4	0.22	<2	2	49
DR11006- 020S		<10	<1	0.17	<10	0.90	899	652	0.06	9	710	38	0.22	60	2	96
DR11006- 021		<10	<1	0.13	10	0.19	150	3	0.04	15	110	4	0.40	<2	2	41
DR11006- 022		<10	<1	0.13	10	0.45	365	2	0.02	14	80	20	0.25	10	1	98
DR11006- 023		<10	<1	0.13	10	0.18	209	1	0.02	9	80	5	0.12	2	1	16
DR11006- 024		<10	<1	0.16	10	0.23	271	2	0.02	14	70	5	0.39	<2	1	19
DR11006- 025		<10	<1	0.16	20	0.23	315	2	0.03	15	80	4	0.28	<2	1	43
DR11006- 026		<10	<1	0.10	10	0.22	183	2	0.04	8	70	3	0.07	<2	1	57
DR11006- 027		<10	<1	0.14	20	0.24	201	2	0.02	14	90	5	0.09	<2	1	55
DR11006- 028		<10	<1	0.12	10	0.20	214	<1	<0.01	16	140	7	0.27	<2	1	26
DR11006- 029		<10	<1	0.33	20	0.37	299	<1	0.01	22	840	9	0.51	<2	2	59
DR11006- 030		<10	<1	0.29	20	0.42	362	<1	0.02	24	820	15	0.16	<2	4	76
DR11006- 031		<10	<1	0.27	20	0.40	258	<1	0.05	17	340	5	0.40	<2	5	97
DR11006- 032		<10	<1	0.21	30	0.49	312	<1	0.04	7	440	8	0.23	<2	5	158
DR11006- 033		<10	<1	0.23	30	0.36	280	<1	0.04	3	500	10	0.58	<2	4	114
DR11006- 034		<10	<1	0.25	30	0.36	292	<1	0.05	6	520	6	0.59	<2	5	89
DR11006- 035		<10	<1	0.26	30	0.56	356	<1	0.04	8	460	16	0.32	<2	5	102
DR11006- 035R/S		<10	<1	0.25	30	0.60	335	<1	0.04	4	440	12	0.35	<2	4	108
DR11006- 036		10	<1	0.23	40	0.47	382	<1	0.06	6	530	4	0.28	<2	5	95
DR11006- 037		<10	1	0.20	30	0.38	324	<1	0.05	3	590	15	0.79	<2	5	75



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Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
DR11006- 001		<20	0.05	<10	<10	24	<10	28
DR11006- 001R/S		<20	0.05	<10	<10	23	<10	27
DR11006- 002		<20	0.13	<10	<10	61	<10	59
DR11006- 003		<20	0.19	<10	<10	57	<10	45
DR11006- 004		<20	0.16	<10	<10	68	<10	62
DR11006- 005		<20	0.07	<10	<10	62	<10	65
DR11006- 006		<20	0.08	<10	<10	28	50	69
DR11006- 007		<20	0.05	<10	<10	17	70	57
DR11006- 008		<20	0.04	<10	<10	10	130	44
DR11006- 009		<20	0.03	<10	<10	10	280	34
DR11006- 010		<20	0.03	<10	<10	17	190	31
DR11006- 011		<20	<0.01	<10	<10	9	210	9
DR11006- 012		<20	<0.01	<10	<10	10	<10	11
DR11006- 013		<20	<0.01	<10	<10	14	<10	24
DR11006- 014		<20	0.01	<10	<10	12	<10	15
DR11006- 015		<20	<0.01	<10	<10	10	<10	14
DR11006- 016		<20	<0.01	<10	<10	8	<10	26
DR11006- 017		<20	<0.01	<10	<10	5	<10	31
DR11006- 018		<20	<0.01	<10	<10	5	<10	14
DR11006- 019		<20	<0.01	<10	<10	14	<10	27
DR11006- 020		<20	<0.01	<10	<10	13	10	28
DR11006- 020S		<20	0.10	<10	<10	32	<10	102
DR11006- 021		<20	0.01	<10	<10	12	<10	21
DR11006- 022		<20	<0.01	<10	<10	7	<10	32
DR11006- 023		<20	<0.01	<10	<10	7	<10	17
DR11006- 024		<20	<0.01	<10	<10	8	<10	19
DR11006- 025		<20	<0.01	<10	<10	9	<10	29
DR11006- 026		<20	<0.01	<10	<10	7	<10	17
DR11006- 027		<20	<0.01	<10	<10	8	<10	16
DR11006- 028		<20	<0.01	<10	<10	8	<10	25
DR11006- 029		<20	<0.01	<10	<10	9	<10	34
DR11006- 030		<20	<0.01	<10	<10	18	<10	44
DR11006- 031		<20	0.03	<10	<10	25	10	27
DR11006- 032		<20	0.01	<10	<10	23	20	26
DR11006- 033		<20	0.01	<10	<10	21	50	23
DR11006- 034		<20	0.02	<10	<10	24	10	29
DR11006- 035		20	0.03	<10	<10	21	10	33
DR11006- 035R/S		20	0.02	<10	<10	19	10	30
DR11006- 036		20	0.03	<10	<10	30	<10	39
DR11006- 037		20	<0.01	<10	<10	22	10	29



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA25 Au ppm 0.01	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
DR11006- 038		0.51	<0.01	0.3	0.56	<2	<10	90	0.7	3	2.74	<0.5	2	79	76	2.18
DR11006- 039		0.53	<0.01	0.2	1.01	2	<10	100	0.5	2	1.99	<0.5	3	124	56	2.49
DR11006- 040		0.50	<0.01	0.2	0.95	<2	<10	110	0.5	5	2.08	<0.5	5	119	65	2.76
DR11006- 040S		0.05	1.43	32.6	0.37	25	<10	230	<0.5	2	1.30	<0.5	8	30	3130	2.58
DR11006- 040B		0.05	<0.01	<0.2	0.56	<2	<10	180	<0.5	<2	0.14	<0.5	2	8	6	1.48
DR11006- 041		0.54	<0.01	<0.2	1.33	<2	<10	130	0.5	3	1.88	<0.5	5	110	40	2.78
DR11006- 042		0.51	<0.01	<0.2	1.52	4	<10	120	0.5	2	0.98	<0.5	12	184	101	3.39
DR11006- 043		0.55	<0.01	0.3	0.48	<2	<10	30	<0.5	11	0.57	<0.5	4	166	79	2.03
DR11006- 044		0.54	<0.01	<0.2	0.71	2	<10	70	1.2	2	2.50	<0.5	6	101	25	3.14
DR11006- 045		0.53	<0.01	<0.2	2.15	2	<10	270	0.8	<2	1.10	<0.5	8	123	14	3.36
DR11006- 046		0.51	<0.01	<0.2	0.58	2	<10	80	0.8	<2	2.16	<0.5	5	150	26	2.41
DR11006- 047		0.52	0.03	<0.2	1.04	1300	<10	240	0.8	15	1.26	<0.5	11	134	24	2.30
DR11006- 048		0.52	0.02	0.6	0.65	703	<10	60	0.7	34	0.39	<0.5	8	134	60	2.97
DR11006- 049		0.52	0.01	<0.2	0.64	12	<10	50	0.7	4	0.50	<0.5	6	124	76	2.92
DR11006- 050		0.53	<0.01	<0.2	1.08	<2	<10	210	0.5	9	1.55	<0.5	6	150	57	2.94
DR11006- 051		0.50	<0.01	<0.2	0.54	<2	<10	50	0.5	<2	0.48	<0.5	6	130	14	2.86
DR11006- 052		0.54	<0.01	<0.2	1.88	8	<10	130	0.8	<2	0.42	<0.5	10	121	8	4.01
DR11006- 053		0.55	<0.01	<0.2	2.11	6	<10	100	1.0	<2	0.27	<0.5	11	109	13	3.79
DR11006- 054		0.52	<0.01	<0.2	2.20	26	<10	80	0.8	<2	0.27	<0.5	16	102	24	4.11
DR11006- 055		0.51	<0.01	<0.2	2.37	16	<10	100	1.0	<2	0.29	<0.5	11	102	17	4.01
DR11006- 056		0.54	0.01	<0.2	1.50	10	<10	90	0.7	<2	0.27	<0.5	11	83	17	4.04
DR11006- 057		0.55	<0.01	<0.2	1.06	17	<10	80	0.8	<2	0.33	<0.5	11	65	24	4.21
DR11006- 058		0.51	<0.01	<0.2	0.88	18	<10	70	0.5	<2	0.29	<0.5	9	85	15	3.17
DR11006- 059		0.51	<0.01	<0.2	1.53	17	<10	100	0.8	2	0.36	<0.5	11	82	24	3.89
DR11006- 060		0.52	<0.01	<0.2	1.53	78	<10	90	0.8	<2	0.39	<0.5	11	81	46	4.15
DR11006- 060S		0.05	3.69	73.8	1.30	89	<10	80	<0.5	7	2.02	<0.5	9	18	750	3.13
DR11006- 061		0.49	0.01	<0.2	1.82	14	<10	100	0.8	<2	0.54	<0.5	10	109	49	3.85
DR11006- 062		0.52	<0.01	<0.2	1.04	<2	<10	40	<0.5	<2	0.90	<0.5	3	209	34	2.60



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Sample Description	Method Analyte Units LOR	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
DR11006-038		<10	<1	0.26	30	0.34	327	<1	0.02	3	440	8	0.51	<2	3	87
DR11006-039		10	<1	0.31	20	0.45	310	1	0.04	4	490	7	0.45	<2	4	70
DR11006-040		<10	<1	0.26	30	0.46	329	<1	0.04	4	530	12	0.47	<2	5	84
DR11006-040S		<10	4	0.15	10	0.14	407	348	0.04	18	370	58	1.07	77	1	271
DR11006-040B		<10	<1	0.34	10	0.22	329	<1	0.10	<1	180	2	0.01	<2	4	11
DR11006-041		10	<1	0.33	30	0.58	329	<1	0.05	6	550	4	0.28	<2	6	74
DR11006-042		10	<1	0.44	30	0.74	329	<1	0.03	24	310	3	0.83	<2	5	52
DR11006-043		<10	<1	0.13	10	0.34	217	<1	0.02	16	70	6	0.34	<2	2	40
DR11006-044		<10	<1	0.30	30	1.13	551	<1	0.02	23	240	4	0.33	<2	4	101
DR11006-045		10	<1	0.83	40	0.70	374	<1	0.09	16	190	3	0.13	<2	12	68
DR11006-046		<10	<1	0.18	20	0.43	370	<1	0.02	6	410	12	0.24	<2	4	102
DR11006-047		10	<1	0.41	30	0.45	287	<1	0.05	4	410	14	0.20	<2	6	66
DR11006-048		<10	<1	0.19	30	0.25	333	<1	0.01	5	560	34	1.00	<2	5	65
DR11006-049		<10	<1	0.16	30	0.33	329	<1	0.03	5	560	14	0.64	<2	6	72
DR11006-050		10	<1	0.39	30	0.52	355	<1	0.09	4	560	5	0.45	<2	7	77
DR11006-051		<10	1	0.15	20	0.30	372	<1	0.02	14	260	9	0.65	<2	5	57
DR11006-052		10	<1	0.85	20	0.87	419	<1	0.04	28	80	2	0.08	<2	9	35
DR11006-053		10	<1	0.69	20	0.78	330	<1	0.03	25	70	3	0.08	<2	8	33
DR11006-054		10	<1	0.66	20	0.91	303	<1	0.03	32	80	5	0.13	<2	7	29
DR11006-055		10	<1	0.77	20	0.78	256	<1	0.03	31	70	6	0.11	<2	8	34
DR11006-056		10	<1	0.59	20	0.64	284	<1	0.02	32	70	10	0.19	<2	7	34
DR11006-057		<10	<1	0.43	20	0.82	316	<1	0.02	29	150	13	0.15	<2	6	32
DR11006-058		<10	<1	0.32	20	0.39	283	<1	0.01	24	90	6	0.10	2	3	30
DR11006-059		10	<1	0.80	20	0.88	293	<1	0.02	32	90	5	0.14	<2	6	39
DR11006-060		10	<1	0.61	20	0.74	314	<1	0.02	33	80	3	0.22	<2	7	38
DR11006-060S		<10	<1	0.18	<10	0.86	831	681	0.05	11	670	42	0.22	55	1	98
DR11006-061		10	<1	0.82	20	0.77	389	<1	0.03	30	200	3	0.28	<2	8	44
DR11006-062		10	<1	0.05	10	0.38	294	<1	0.03	13	70	2	0.13	<2	1	29



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Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2
DR11006- 038		20	<0.01	<10	<10	13	140	20
DR11006- 039		<20	0.01	<10	<10	22	20	24
DR11006- 040		<20	0.02	<10	<10	25	<10	30
DR11006- 040S		<20	0.01	<10	<10	17	<10	48
DR11006- 040B		<20	0.10	<10	<10	16	<10	20
DR11006- 041		20	0.04	<10	<10	37	10	30
DR11006- 042		<20	0.06	<10	<10	42	10	56
DR11006- 043		<20	<0.01	<10	<10	14	<10	19
DR11006- 044		<20	<0.01	<10	<10	23	10	36
DR11006- 045		20	0.19	<10	<10	63	10	44
DR11006- 046		20	<0.01	<10	<10	12	<10	27
DR11006- 047		<20	0.08	<10	<10	29	<10	31
DR11006- 048		<20	<0.01	<10	<10	16	10	35
DR11006- 049		<20	<0.01	<10	<10	25	<10	49
DR11006- 050		<20	0.08	<10	<10	33	10	33
DR11006- 051		<20	<0.01	<10	<10	25	<10	29
DR11006- 052		<20	0.10	<10	<10	56	<10	65
DR11006- 053		<20	0.11	<10	<10	56	<10	63
DR11006- 054		<20	0.08	<10	<10	63	<10	72
DR11006- 055		<20	0.11	<10	<10	69	<10	75
DR11006- 056		<20	0.06	<10	<10	55	<10	70
DR11006- 057		<20	0.02	<10	<10	36	<10	80
DR11006- 058		<20	<0.01	<10	<10	16	<10	85
DR11006- 059		<20	0.05	<10	<10	51	<10	73
DR11006- 060		<20	0.05	<10	<10	54	<10	66
DR11006- 060S		<20	0.09	<10	<10	31	<10	98
DR11006- 061		<20	0.08	<10	<10	57	<10	62
DR11006- 062		<20	0.02	<10	<10	14	<10	33

Appendix 5.3 - Table of 2011 Diamond Drilling Significant Intersections

Hole Number	Zone	From(m)	To(m)	Interval Length (m)	Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	W ppm	Sb ppm	Mo ppm	Fe %	S %
DR11001	3	26.2	26.45	0.25	5.7	1.4	3	1790	9	20	175	3	3	1	10	10
DR11001	3	27.15	27.27	0.12	1.52	0.3	3	290	6	96	75	3	3	1	10	2.79
DR11001	1	22.45	27.27	4.82	0.68	0.3	4	253	8	39	30	3	3	1	4.4	1.2
DR11001	2	26.2	27.27	1.07	1.55	0.5	7	597	4	25	51	3	3	1	4.5	3.09
DR11003	1	13	17	4	0.46	1.1	3	82	13	76	35	4	3	1	6.24	1.2
DR11003	2	13	15	2	0.65	0.3	3	64	14	53	33	4	3	1	5.43	0.94
DR11004	2	65	68	3	1.57	1.2	3	1240	3	21	132	10	1	1	11.52	5.17
DR11004	1	60	71.54	11.54	0.56	0.7	2	762	4	33	82	31	1	1	8.32	3.82
DR11004	1	79	80	1	1.26	1.2	2	1605	5	31	305	50	1	1	13.25	5.26
DR11004	1	93.85	94.9	1.05	0.96	2.1	4	2860	6	24	352	30	1	1	32	9.52
DR11005	1	21.55	22	0.45	2.18	0.5	1	335	3	28	101	1	1	1	4.76	2.2
DR11005	2	47.91	48.5	0.59	3.24	1.6	3	1115	7	18	1045	1	1	1	10.95	5.8
DR11005	1	47.91	49.13	1.22	1.75	1.2	3	954	9	20	562	1	1	1	10.46	5.37
DR11005	1	78	79	1	1.59	0.2	1690	77	15	9	137	1	1	1	1.54	0.69
DR11005	1	91.13	91.34	0.21	1.73	1	1	1200	3	25	70	1	1	1	14.8	6.38
DR11006	1	21.7	22.36	0.66	0.19	90.2	2	371	1	9	11	210	1	22	4.23	2.02

APPENDIX VI

Rock Sample Locations and Descriptions

Geologic Station	Rock Sample	Sample Date	Location Method	Easting Nad83	Northing Nad83	UTM Zone	Map Unit	Rock Type	Fresh Colour	Weathered Colour	Texture	Mineralization	Mineralization	Mineralization Style	Alteration	Degree of Alteration	Notes
ERDRG002	ERDRR001	7/2/2011	Lost Station			09N	PCH	Calcareous Sandstone	greenish	white	altered			TRACE			0 Some mineralization visible. No co-ordinates.
ERDRG003	ERDRR002	7/2/2011	Map	369085	6944100	09N	Unkonwn	Unknown	black	rusty	altered			TRACE			Rocks become mafic looking and show little mineralization and not a lot of alteration. Pit dug above soil anomaly.
ERDRG003	ERDRR003	7/2/2011	Map	369085	6944100	09N	PCH	Limestone		rusty	altered	Pyrrhotite	Chalcopyrite	DISSEMINATED	Skarn		These rocks are much less competent and are very altered. They show lots of phyrrotite (magnetic) and also some showings of chalcopyrite. Pit dug above Au
ERDRG006	ERDRR004	7/2/2011	Lost Station			09N	Kqm	Quartz Monzonite		rusty	altered	Pyrite		FRACTURES	Fe-Stain		4 soil anomaly.
																	0 Mineralization of Pyrite on altered surfaces. No co-ordinates.