ASSESSMENT REPORT

ABE PROPERTY

(514561, 514577, 514579, 501310, 501274, 501313, 543979, 543999, 544019)

Prospecting and Sampling July 2012

Geographic Centre:

Latitude: $56^0$21'N Longitude: $125^0$48'W

N.T.S. 94C/5

OMINECA MINING DIVISION
British Columbia

Owner/Operator:
Commander Resources Ltd.
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Date: December 21, 2012

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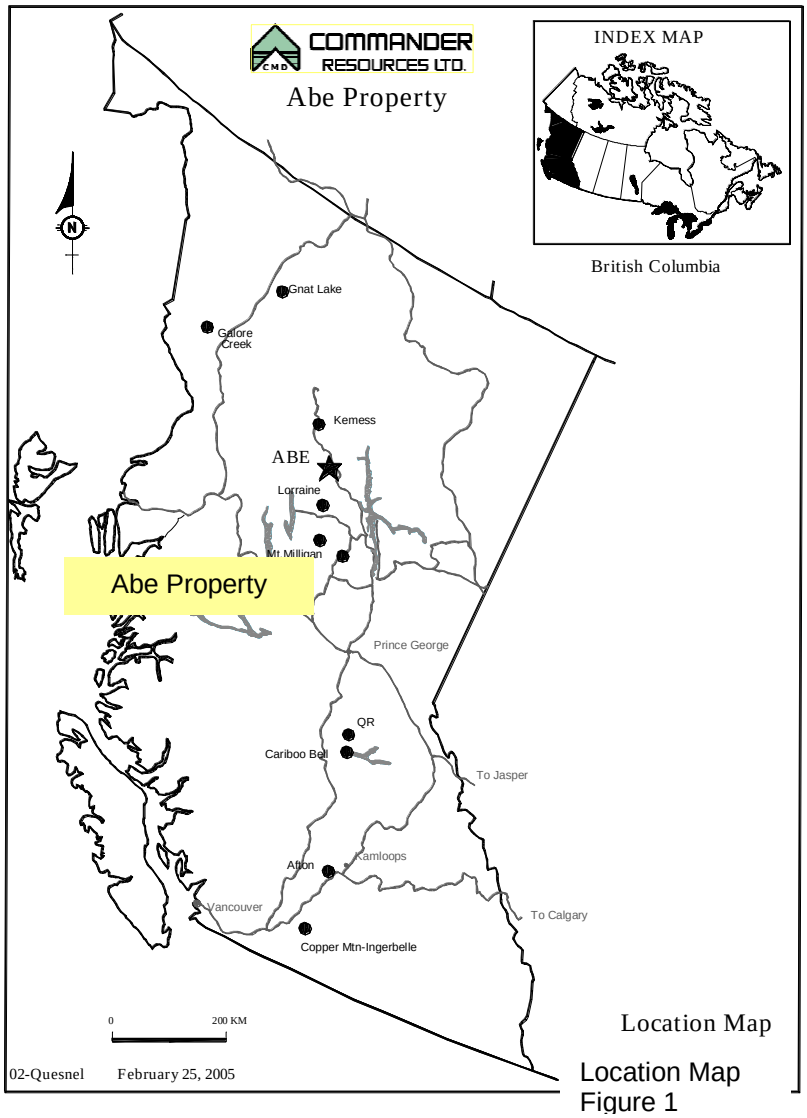
1.0 Introduction

Location and Access:

The Abe property is centered on latitude 56^{0}21' N and longitude 125^{0}48' W. on the N.T.S. map 94/C5. It is 235 km north of Fort St. James, B.C. and 150 km NW of Mackenzie. The Omineca mining road which leads to Kemess Mine passes within 20 km of the claims. Access at this stage from the base camp which has been established on the east side of Tutizzi Lake, is by helicopter only. A logging road does exist in the Abraham Creek valley on the northwest corner of the property. Airstrips are present at Johanson Lake 30 km to the north and the Osilinka logging camp 50 km to the south. The general property location is shown on Figure 1 below. The property straddles steep-sided east-west trending glacial carved mountains and is bounded by Abraham Creek to the north and an unnamed creek to the south. Elevations range from summits as high as 2000 m a.m.s.l. and valleys between 1250 and 1350 m a.m.s.l.



Location Map
Figure 1

Property Description:

The Abe property comprises of 9 contiguous map staked claims with a total coverage of 5,647.492 hectares. Claims are shown on Figure 2. Claim details are tabulated below:

Claim Number	Claim Name	SIZE-ha	Anniversary Date	Registered Owner	Expiry date
514561		1505.741	15-Jun-05	Commander Resources	28-Feb-14
514577		1129.927	16-Jun-05	Commander Resources	28-Feb-13
514579		717.404	16-Jun-05	Commander Resources	28-Feb-13
501310	ABE 9	448.219	12-Jan-05	Commander Resources	28-Feb-13
501274	ABE 10	430.485	12-Jan-05	Commander Resources	28-Feb-13
501313	ABE 11	125.540	12-Jan-05	Commander Resources	28-Feb-13
543979	NELL51	430.119	24-Oct-06	Commander Resources	28-Feb-13
543999	NELL52	430.093	24-Oct-06	Commander Resources	28-Feb-13
544019	NELL53	429.964	24-Oct-06	Commander Resources	28-Feb-13
	Total	**5647.492**			

Table I: Claim Status

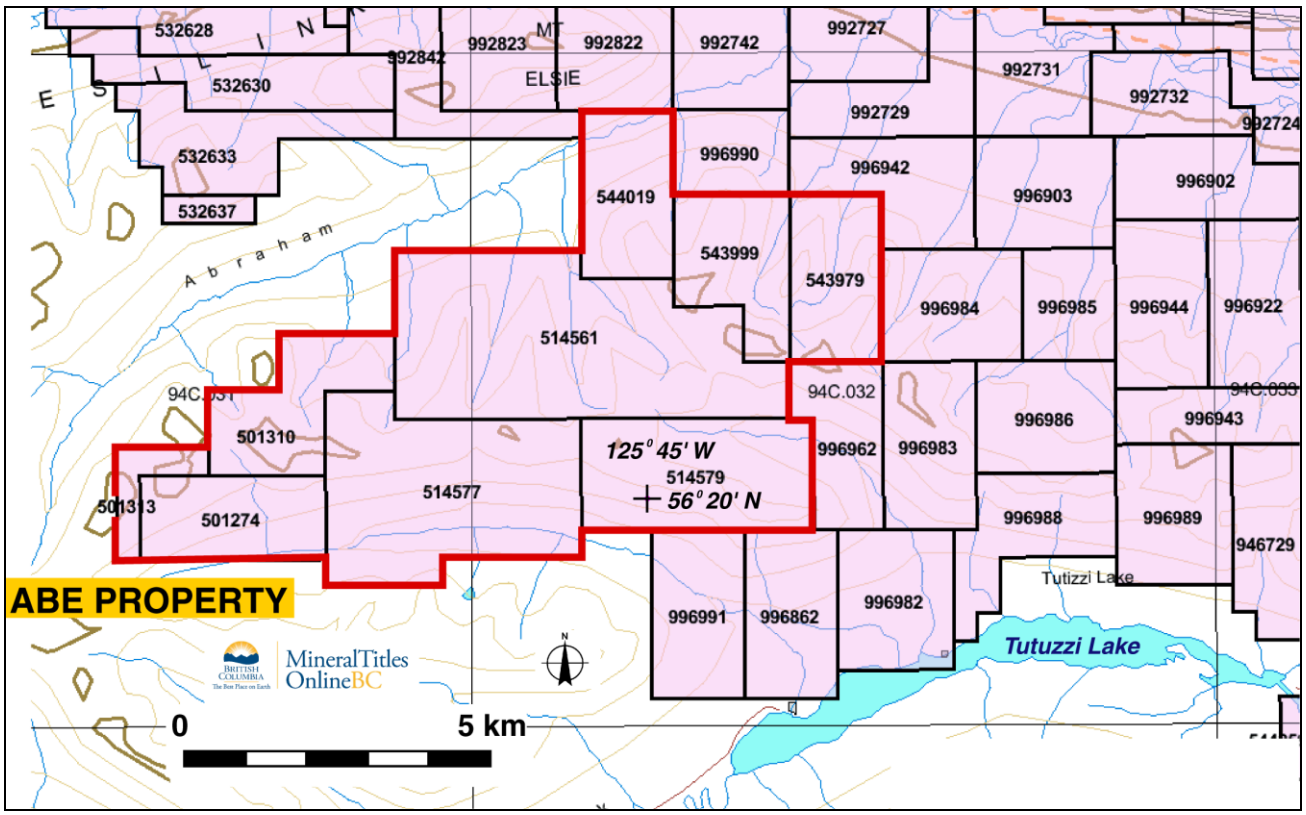


Figure 2 Claim Map

Summary of History and Previous Results:

Placer gold was first discovered in the district in 1868. During the 1930's, Consolidated Mining and Smelting Ltd. explored the margins of the Hogem Batholith and conducted underground exploration on several properties for gold, silver, lead and mercury. Kennco Explorations Ltd. explored and staked portions of the Hogem Batholith near Duckling Creek in the 1940's. In the early 1970's, mineralization on the Lorraine property discovered by Kennco and subsequently held by Granby Mining Company, represented the only significant mineralization found to that date. At the time it was estimated to contain a maximum of 10 million tons grading 0.70%Cu.

In the late 1960's and early 1970's Union Miniere Exploration and Mining Corp. Ltd. (UMEX) of Montreal conducted extensive regional exploration in north-central British Columbia. Work was carried out by Dolmage Campbell & Associates Ltd. Detailed regional silt surveying was completed followed by select airborne magnetic surveying and follow-up prospecting, mapping, soil sampling along with ground magnetic and induced polarization surveying. In the vicinity of the current Abe property, airborne surveying outlined three positive magnetic anomalies on the margin of a diorite stock and one in Takla volcanics proximal to the contact with Hogem batholith intrusives. In 1970 UMEX staked the Grouse 1-16 claims over the creek valley and lower slopes of the south-western portion of the current Abe property. Soil surveying outlined a 50 ppm Mo anomaly over a 18.5 ha area. The property was described as being essentially barren of outcrop. One small occurrence of molybdenite was reported from the ridge above the creek valley. Test pitting to 1.5 m depths at six sites within the soil anomaly produced unreliable results. Additional pitting at four sites in 1972 failed to find source mineralization. No further work was completed and Grouse claims were allowed to lapse. UMEX staked the Tutizzi 1- 6 claims over the ridge in the central area of the current Abe property. One exposure of minor molybdenite in quartz vein was reported and the claims later lapsed. Scattered soil molybdenum anomalies occur in the central part of the claims (see map – in folder).

Commander Resources (formerly Major General Resources Ltd.) acquired the extensive UMEX database when UMEX closed its Canadian operations. With the discovery of the Mt. Milligan deposit and favorable metal prices, interest in copper-gold porphyry deposits resurged in the late 1980's. In 1991, the company utilized this data to select specific porphyry targets within the Hogem Batholith. A number of properties were staked including Abe.

From 1991 to 1994 the Abe property was explored under an option agreement with Swannell Minerals Corporation. Reliance Geological Services Inc. was contracted to perform the work. Geological mapping, prospecting, stream, soil and rock geochemical sampling was completed from 1991 to 1992. Highlights of results include chalcopyrite, bornite, and malachite in quartz vein talus assaying 1.28% Cu, 0.365 oz/ton Au; silicified ash tuff with 3406 ppm Cu; quartz veining in syenite with 0.14% Mo; and 528 ppm Mo. Silt samples returned up to 549 ppm Cu and 45 ppb Au. Follow-up work in 1992 included soil gridding and 1:10,000-scale mapping. Soil surveying identified areas of anomalous copper extending NW-SE across the property flanked to the east by a gold anomaly following a similar trend. In 1993 Swannell completed additional geochemical sampling, ground magnetic and induced polarization (IP) surveying. The IP survey outlined a 25 millisecond IP chargeability anomaly 700 metres wide by 2000 metres long trending northwest; the anomaly remains open to the southeast. Metal values in soils were up to 1824 ppm Cu and 1670 ppb Au. The background thresholds have been determined as 200 ppm Cu and 50 ppb Au. Three higher priority targets were identified:

- East Zone- possible gold mineralization in andesite within a strong 600 x 1500 metre gold soil anomaly in an area of weak chargeability values;
- Central Zone- large copper soil anomaly coincident with moderate to strong chargeability responses;

- West Zone- high grade copper and gold mineralization in quartz veins/shear zones and medium to high chargeability response coinciding with high resistivity.

In 1994, diamond drilling of 10 widely spaced vertical holes totaling 898 m found disseminated sulphides, quartz and quartz carbonate veins/veinlets, and fracture systems. Virtually all holes were drilled in a strong propylitic alteration zone with localized potassic, phyllic and silicified zones. Varying amounts of chalcopyrite were present in all drill holes. Zones of anomalous Cu, Cu-Au and Au were intersected in each hole. Five holes (94-2,6,7,9,10) collared in pyroxenite and diorite returned anomalous copper (maximum 1649 ppm Cu) with background to weakly anomalous gold (maximum 114 ppb Au). Three holes within the gold soil anomaly over the Tackla volcanics (94-3,4,5) returned the highest gold values with moderately anomalous copper. The highest assays were from narrow veins with maximum values of 4709 ppm Cu and 3950 ppb Au over a 40 cm core length. A 10 cm wide sulphide vein returned 8671 ppm Cu with 1140 ppb Au.

The property was dormant until 1998, when it was optioned by Starfield Resources Inc. Additional geology, geochemical, magnetic and IP surveying was completed. Expansion of the grid sampling and an increase in soil sample density provided coverage of approximately 900 hectares at a line spacing of 200 m and sample interval of 50 m. The main copper soil anomaly was increased in size to 2.5 kilometres long and 1.2 kilometres wide. Anomalous gold occurs within the central – eastern section. Rock chip sampling by Starfield identified some spectacular gold-copper values with gold grades over 53 g/t (1.6 oz/t gold). A moderate to strong chargeability anomaly, associated with a zone of low resistivity, is largely coincident with the copper anomaly. The main gold anomaly parallel and northeast of the copper anomaly was extended to 2.6 kilometres long and 600 to 800 metres wide. This gold anomaly sub parallels the eastern boundary of the chargeability anomaly. The strongest and most consistent gold values were found in areas of Takla volcanics and diorite intruded by “feldspar porphyry dykes.” A second copper anomaly was identified at the western extent of the grid. Magnetic response over the property is complex. The strongest magnetic response occurs within mafic-ultramafic intrusives.

It was concluded that a copper-gold bearing alkalic porphyry system is present and further drill-tested is warranted. Due to falling metal prices and the crash of the provincial mining industry, no further work was completed on the Abe property.

Renewed interest in porphyry copper-molybdenum occurrences inspired by increased metal prices prompted Commander Resources to review the molybdenum potential of the property in 2004. A review of historic data and a field examination located significant molybdenum over an 18 hectare, >50 ppm soil anomaly and up to 0.15% Mo on the western portion of the property.

A brief rock and in-fill-soil sampling program was completed by Commander in 2005. Soil results confirmed the continuity and strength of the Cu soil anomaly over the 3 kilometre long anomaly extent, indicating an extensive area of bedrock source. Numerous soil values exceeded 100 ppm with the highest being 2907 ppm Cu. The +20 ppb Au soil anomaly was expanded to the west by at least 200m. The majority of the better gold lithogeochemical results were associated with quartz veining or other evidence of silicification. The highest value of 40.0 g/t Au was from a quartz vein with high chalcopyrite, pyrite and malachite mineralization. Copper is commonly present in the gold-bearing quartz veins but is also found in units lacking evidence of silicification. Steep north dipping, NNW-trending structures were found to be of particular significant controls for mineralization.

In 2006, Geoinformatics Exploration Canada Ltd. (Geoinformatics) completed a geological evaluation of the region identifying priority targets prospective for Cu-Au porphyry and Cu-Au intrusion-related replacement style mineralization in northern Quesnellia. Between 2006 and 2007, the company acquired 127,990 ha (362 claims) through staking and third-party option. The Commander Omineca properties (Abe, Pal, Aten, Mate, Tut), Tut4) were included

in this extensive land package. In 2007, detailed mapping, sampling, a review of previous geophysical surveys and 5 diamond drill holes (2053.7m) were completed on Abe. Figure 3 highlights the work activities that have been carried out across the property. Drilling was confined to a NW-trending area in the central to the grid with holes oriented at 225^0, 45^0 and 150^0 azimuths, dipping at -60^0 to -70^0.
Strongly anomalous Cu concentrations were found over long intersections, including 330 m of 0.03% Cu (hole 97-02) and160.7m of 0.05% Cu (hole 97-04). This work confirmed the presence of a well zoned-alteration system, characteristic of an alkalic Cu-Au porphyry system on the Abe property. No further work was completed on the property.

The Abe property is located is on the eastern flank of the northern end of the Hogem Batholith within the Quesnel Terrane. The batholith comprises a complex body of granitoid rocks emplaced mainly into the Triassic Takla Group alkalic volcanics and sediments. The Quesnel Terrane forms a northwest-trending, linear belt 1,600 kilometres long that includes equivalent rocks of the Upper Triassic-Lower Jurassic Takla, Nicola and Stahinni Groups. Numerous porphyry copper-gold deposits occurrences have been documented through the entire belt.

The closest mining of copper-gold porphyry open pit deposits has been located at Kemess mine,100 kilometres northwest of Abe. During its mine-life, the Kemess South mine produced close to 3 million ounces of gold and over 300 million pounds of copper. (AuRico Gold website, Nov.16, 2012). Existing infrastructure and mill facilities are currently on care and maintenance while Aurico Gold evaluates potential extraction of ore from an underground operation 5.5 km north of the former
Kemess South mine. Thompson Creek Metals Company is presently developing the Mt. Milligan copper gold porphyry deposit, 170 kilometers southeast of Abe.

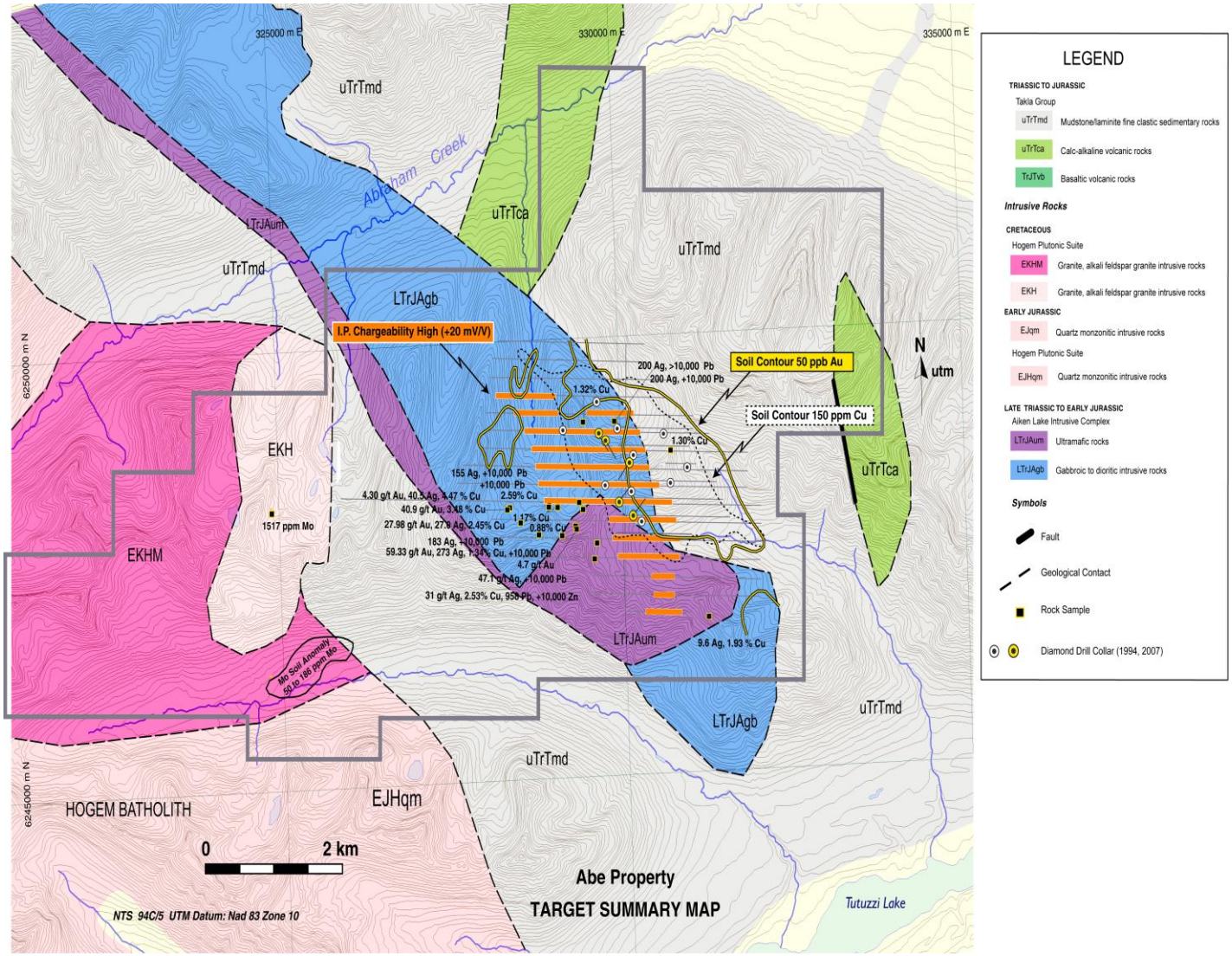


Figure 3: Property geology and historical compilation

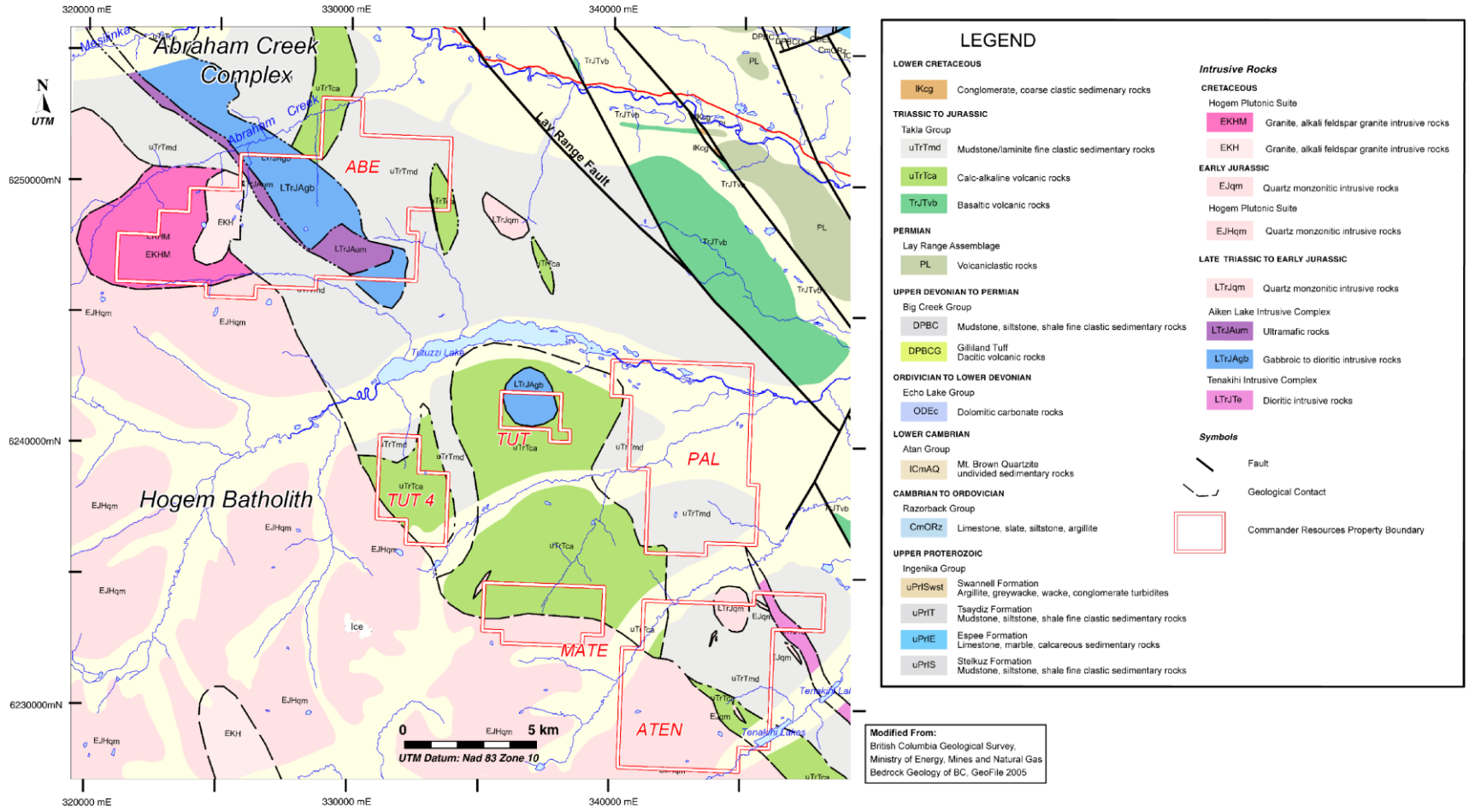


Figure 4: Regional geology

Property Geology (figures 3 and 4)

The property is underlain by Upper Triassic to Lower Jurassic Tackla Group consisting of pyroxene andesite-basaltic volcanics and volcanoclastic sediments, intruded by coeval(?) olivine peridotite, pyroxenite, and diorite. Jurassic-Cretaceous stocks and dykes of the Hogem Batholith intrude the entire sequence. Compositions include monzonite, quartz monzonite and syenite. General structural trend on the property is north, northwest.

Alteration comprises localized potassic alteration of monzonite and epidote-chlorite along fractures within intrusive rocks. Fracture-related silicification and epidote-chlorite alteration occurs locally in Takla volcanics. The pyroxenite on Abe 4 is moderate to intensely chloritized. Study of the drill core by previous operators shows highly variable alteration; epidote-carbonate-pyrite (propylitic) alteration overprinted by a potassic alteration event as evidenced by chlorite-biotite-magnetite and potassium feldspar. Strong carbonatization with local occurrences of up to 5% epidote and 4% pyrite was also observed.

Minor chalcopyrite and malachite mineralization is commonly found within fractures, shears and in quartz veins scattered across the property. Float with minor molybdenite has been reported as fine fracture-fillings. Minor local occurrences of sphalerite and galena have been found in quartz veins.

Reports by Mair and Bidwell (2008), Sivertz (1998) and Leriche (1993, 1994) provide detailed descriptions of property geology, alteration and mineralization.

Economic Assessment:

Previous work has identified porphyry copper-gold mineralization associated with a large alteration halo over on the property. Deeper drilling by Geoinformatics in 2007 confirmed strongly anomalous Cu concentrations over long intersections. The 2007 drill program was completed outside the area of coincident Cu-Au soil anomalies and was confined to the central portion of the Cu soil anomaly. To date, the coincident Cu-Au targets have not been evaluated and the soil anomalies remain open. Results of all the accumulated evidence indicates that a very large scale and complex porphyry mineralizing system is present on Abe. Spatially the copper-gold bearing alkalic porphyry style mineralization with a gold vein system is present in the central-east part of the property and molybdenum porphyry style mineralization occurs in the west. Full extent of the gold anomaly remains undefined.

2.0 2012 Work program

The company had not pursued its own investigation on the Property for several years, so the purpose of this year's work was to carry out prospecting, and continue the grid sampling process that previous operators had pursued. The previous Company had left behind the remnants of a fly camp and the mostly intact frames of the base camp. An assessment needed to be carried out to determine the logistical requirements for a larger program planned for 2013. The crew of three people mobilized to the base camp, located at 350634E and 6243425N (NAD 83) by flying to Prince George on 1st August, renting a truck, then driving north. The crew was flown onto the Abe property using Interior Helicopters on 4th August and set up a fly camp. The Author arrived at the fly camp on 7th August. The crew and camp were lifted off the property on the 9th August and spent a day in base camp sorting out the collected samples and preparing for shipping, as well as reviewing some of the old core. A total of 17 man days were spent collecting and submitting 171 soil samples and 11 rock samples, as well as prospecting for approximately 8 line km's covering 2.5 km^2. Soil and rock samples were shipped to ALS Minerals in North Vancouver. Table ll summarizes the work program.

Claim	Claim Number	Prospecting (line km)	Rock	Soil
514561		4.5	8	164
514577		0.5	1	
514579		2.5	2	9
501310	ABE 9			
501274	ABE 10			
501313	ABE 11			
543979	NELL51			
543999	NELL52			
544019	NELL53			

Table II : 2012 work program

Sampling and assay analysis

The procedure for collecting soil samples were as follows: Augurs were used to collect samples at every 50m along an E-W grid, with line spacings of 200m. All GPS readings were collected in NAD 83 format. The targeted soil horizon was B though on the steeper scree covered slopes, the soil horizons were poorly developed or non existent. At every 20th sample station a duplicate sample was collected as part of the QC protocol. The samples were collected in kraft bags and placed in plastic bags. These were then placed in rice bags and secured with zap straps. The strap was encased in duct tape to prevent it sliding off and would also demonstrate any tampering activity during transportation. The assay procedure requested was as follows: this is the first time the property has been tested for PGE's.

- For soils and silts, the sample is dried, and sieved through -180 micron (80 mesh), and split. An aliquot of 25g was partially digested through aqua regia solution and tested for gold, followed by an ICP-MS 41 (0.5 g aliquot), 51 element analysis (ST43L-PKG)
- For rocks, the sample is crushed to 70% passing 2mm, then 250g is split off and pulverized to 85% passing 75 micron (200 mesh). A 30 g nominal sample is analyzed for gold and PGE'S with a fire assay technique (PGM-MS23). If > 1 ppm Au is recorded, the technique is upgraded to an atomic absorption finish. A total 4 acid digestion is then used to prepare the sample for an ICP-AES 33 element package (ME-ICP61).

Prospecting

The crew was given a co-ordinate and bearing to follow with the idea of collecting mineralized rock samples across the known area of anomalies. The Author prospected to the south as this area had the best outcrop and could give some geological information.

3.0 Results of the 2012 program

Appendix l and ll contain the sample locations, descriptions and assay results. Figure 5 displays the area of grid sampling, the prospecting traverse lines, as well as the results. The following commentary highlights the findings:

- This year's soil sampling confirmed the presence of a strongly anomalous copper and gold zone on the central-portion of claim 514561.
- Results of up to 1,750 ppm Cu and 654 ppb Au were recorded.
- The results from the 25 g aliquot typically but not always, gave better numbers for gold.

- The results from the prospecting and grab rock sampling program returned values of upto 2.24 g/t Au, 55 g/t Ag and 1.16 % Cu.
- For PGE's one sample returned a value of 0.57 Pd as well as 0.54 % Ni.
- Prospecting across the area also confirmed the location of the historical drill holes as well as locating useful outcrop that helped to add to the structural knowledge of the property.

4.0 Discussion

The 2012 field program helped to re-acquaint the company with the historical activities on the claims, as well as advance the scientific knowledge base. It can be determined from the results that the area has a potential to host a copper porphyry system with significant gold credits, as well as potential for PGE's and Ni credits. The area is underlain by mafic to ultramafic intrusions, with most of the anomalous Cu-Au area overlying a diorite body. To the west of this is the contact with the ultramafic intrusions. These intrusions have been affected by at least one phase of felsic dykes which were mapped whilst prospecting. These dykes may or may not have introduced further metals to the host intrusions, but due to their composition, suggest a much later age of development ie related to the Cretaceous aged Hogem Batholith. The area is still poorly understood but with such a significant anomaly present on the claims, will justify further expansive exploration. A different assay approach was used this year in comparison with previous years, where a heavier aliquot was assayed for gold and which significantly improved the grade over the lighter aliquot. It is recommended this method be used in future. The addition of PGE analysis in rock sampling has given indication that PGE's and Ni could add significant value to the metal endowment of the area and which has previously been overlooked. The re-opening of the Afton Mine near Kamloops which has a significant Pd credit and has a similar geological make-up to this area could be a deposit type model to follow in future.

5.0 Conclusions

The historical and most recent work on this property suggest a porphyry system exists in the area, whose size and potential has not even been the slightest determined. The porphyritic signatures with typical alteration halo mineralogy have been mapped and 15 shallow holes have prodded the area with mixed success.
The different assay techniques used this year were successful and have improved the potential of the area. It can be concluded Commander will continue to explore this area, with a more intensive drilling program directed perhaps by more detailed ground geophysics.

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Appendix I - Soil sampling Stations and descriptions								
Date	**UTM Easting**	**Northing**	**Sample ID**	**Sampler**	**Horizon**	**Colour**	**Depth**	**Comments**
05-Aug-12	328378	6248058	Q023001	JM	B	light brown	35	scree
05-Aug-12	329606	6248302	Q023002	JM	B	light brown	40	talus
05-Aug-12	329550	6248296	Q023003	JM	B	light brown	40	fine grained soil
05-Aug-12	329494	6248304	Q023004	JM	B	brown	35	grassy talus
05-Aug-12	329451	6248302	Q023005	JM	B	dark grey	35	clay
05-Aug-12	329394	6248299	Q023006	JM	B	light brown	35	
05-Aug-12	329351	6248303	Q023007	JM	B	light brown	35	
05-Aug-12	329278	6248298	Q023008	JM	B	light brown	35	fine grain seds
05-Aug-12	329241	6248296	Q023009	JM	B	light brown	30	mica
05-Aug-12	329202	6248302	Q023010	JM	B	light brown	35	
05-Aug-12	329148	6248303	Q023011	JM	B	light brown	35	
05-Aug-12	329102	6248301	Q023012	JM	B	dark grey	50	near creek, clay
05-Aug-12	329048	6248302	Q023013	JM	B	light brown	30	
05-Aug-12	329004	6248303	Q023014	JM	B	light grey	30	
05-Aug-12	328964	6248298	Q023015	JM	B	light grey	35	near creek
05-Aug-12	328896	6248304	Q023016	JM	B	light brown	30	
05-Aug-12	328849	6248302	Q023017	JM	B	light brown	30	near creek
05-Aug-12	328803	6248298	Q023018	JM	B	light brown	30	
05-Aug-12	328749	6248299	Q023019	JM	B	light brown	30	
05-Aug-12	328692	6248295	Q023020	JM	B	light brown	30	
05-Aug-12	328649	6248297	Q023021	JM	B	light brown	30	
05-Aug-12	328650	6248298	Q023022	JM	B	light brown	30	
05-Aug-12	328601	6248299	Q023023	JM	B	light brown	25	< 500g of soil
05-Aug-12	328551	6248301	Q023024	JM	B	light brown	30	
05-Aug-12	328498	6248306	Q023025	JM	B	light brown	35	near creek
05-Aug-12	328451	6248305	Q023026	JM	B	light brown	30	
06-Aug-12	328402	6248300	Q023027	JM	B	light brown	30	near creek
06-Aug-12	328353	6248301	Q023028	JM	B	light brown	20	coarse clasts
06-Aug-12	328299	6248305	Q023029	JM	B	light brown	30	
06-Aug-12	328241	6248298	Q023030	JM	B	light brown	35	
06-Aug-12	328204	6248304	Q023031	JM	A	light brown	30	no B horizon
06-Aug-12	328148	6248298	Q023032	JM	B	light brown	30	near creek
06-Aug-12	328140	6248897	Q023033	JM	A	light brown	15	A horizon
06-Aug-12	328196	6248881	Q023034	JM	B	light brown	20	scree
06-Aug-12	328300	6248911	Q023035	JM	B	light brown	30	Skree Slope, Sandy
06-Aug-12	328368	6248887	Q023036	JM	B	light brown	30	thick A horizon, skree slope
06-Aug-12	328488	6248903	Q023037	JM	A	light brown	30	A horizon, coarse clasts
06-Aug-12	328547	6248901	Q023038	JM	A	dark brown	30	
06-Aug-12	328601	6248905	Q023039	JM	B	light brown	30	near creek
06-Aug-12	328653	6248897	Q023040	JM	B	light brown	30	thin A horizon
06-Aug-12	328653	6248898	Q023041	JM	B	light brown	30	duplicate
06-Aug-12	328708	6248906	Q023042	JM	B	light brown	30	near creek
06-Aug-12	328747	6248900	Q023043	JM	B	light brown	30	near large creek
07-Aug-12	329199	6248896	Q023044	JM	B	light brown	30	scree slope
07-Aug-12	329248	6248902	Q023045	JM	B	light brown	30	
07-Aug-12	329297	6248891	Q023046	JM	B	light brown	30	
07-Aug-12	329348	6248899	Q023047	JM	B	light brown	30	vegetated skree
07-Aug-12	329400	6248901	Q023048	JM	B	light brown	30	scree slope
07-Aug-12	329428	6248919	Q023049	JM	B	light brown	30	ridge
07-Aug-12	329147	6248898	Q023050	JM	B	light brown	30	vegetated

Appendix I - Soil sampling Stations and descriptions								
Date	**UTM Easting**	**Northing**	**Sample ID**	**Sampler**	**Horizon**	**Colour**	**Depth**	**Comments**
07-Aug-12	329102	6248901	Q023051	JM	B	light brown	30	vegetated
07-Aug-12	329052	6248899	Q023052	JM	B	light brown	30	
07-Aug-12	329006	6248904	Q023053	JM	B	light brown	30	
07-Aug-12	328954	6248897	Q023054	JM	B	light brown	30	
07-Aug-12	328913	6248912	Q023055	JM	B	light brown	30	
07-Aug-12	328858	6248906	Q023056	JM	B	brown	30	
07-Aug-12	328797	6248904	Q023057	JM	B	light brown	30	
05-Aug-12	329506	6247887	Q023101	CC	A	Dark Grey	15	Scree Slope, Sandy
05-Aug-12	329451	6247904	Q023102	CC	A	Dark Grey	30	Scree Slope, Sandy
05-Aug-12	329408	6247899	Q023103	CC	A	Dark Grey	25	Scree Slope, Sandy
05-Aug-12	329342	6247900	Q023104	CC	A	Dark Grey	20	Scree Slope, Sandy
05-Aug-12	329292	6247901	Q023105	CC	A	Dark Grey	25	Scree Slope, Sandy
05-Aug-12	329202	6247904	Q023106	CC	A	Dark Grey	20	Scree Slope, Sandy
05-Aug-12	329148	6247898	Q023107	CC	A	Dark Grey	10	Scree Slope, Sandy
05-Aug-12	329062	6247902	Q023108	CC	B	Dark Brown	15	Vegetated Slope
05-Aug-12	328995	6247902	Q023109	CC	B	Dark Brown	45	Vegetated Slope
05-Aug-12	327900	6248698	Q023110	CC	B	Dark Brown	20	Grassy Slope
06-Aug-12	327953	6248695	Q023111	CC	B	Dark Brown	25	Grassy Slope
06-Aug-12	328002	6248695	Q023112	CC	B	Brown	60	Grassy Slope
06-Aug-12	328047	6248703	Q023113	CC	B	Dark Brown	30	Vegetated Slope
06-Aug-12	328095	6248702	Q023114	CC	B	Light Brown	30	Vegetated Slope
06-Aug-12	328145	6248697	Q023115	CC	B	Brown	30	Vegetated Slope
06-Aug-12	328193	6248698	Q023116	CC	B	Brown	20	Vegetated Slope
06-Aug-12	328248	6248711	Q023117	CC	B	Brown	20	Vegetated Slope
06-Aug-12	328299	6248701	Q023118	CC	B	Dark Brown	20	Vegetated Slope
06-Aug-12	328350	6248703	Q023119	CC	B	Orange Brown	45	Buck Brush Slope
06-Aug-12	328402	6248693	Q023120	CC	B	Dark Brown	20	Vegetated Slope, Next to Creek
06-Aug-12	328402	6248693	Q023121D	CC	B	Dark Brown	20	Vegetated Slope, Next to Creek
06-Aug-12	328450	6248698	Q023122	CC	B	Dark Brown	30	Buck Brush Slope
06-Aug-12	328509	6248699	Q023123	CC	B	Dark Brown	20	Buck Brush Slope
06-Aug-12	328558	6248704	Q023124	CC	A	Dark Grey	45	Buck Brush Slope, Next to Creek, Sandy
06-Aug-12	328606	6248699	Q023125	CC	B	Dark Brown	30	Valley Bottom, Next to Creek
06-Aug-12	328657	6248693	Q023126	CC	A	Dark Brown	25	Wooded, Next to Creek
06-Aug-12	328693	6248695	Q023127	CC	B	Light Brown	30	Wooded, Next to Creek
06-Aug-12	328749	6248701	Q023128	CC	B	Brown	45	Wooded, Next to Creek
06-Aug-12	329506	6248704	Q023129	CC	B	Light Brown	35	Buck Brush Slope
07-Aug-12	329452	6248702	Q023130	CC	B	Orange Brown	25	Buck Brush Slope
07-Aug-12	329404	6248694	Q023131	CC	B	Grey Brown	30	Buck Brush Slope
07-Aug-12	329346	6248693	Q023132	CC	B	Brown	45	Buck Brush Slope
07-Aug-12	329304	6248700	Q023133	CC	B	Brown	20	Buck Brush Slope
07-Aug-12	329249	6248704	Q023134	CC	B	Grey Brown	30	Flat, Vegetated, Next to Creek
07-Aug-12	329200	6248702	Q023135	CC	B	Orange Brown	30	Buck Brush
07-Aug-12	329144	6248702	Q023136	CC	A	Dark Grey	25	Flat, Vegetated, Next to Creek
07-Aug-12	329096	6248699	Q023137	CC	B	Orange Brown	35	Flat, Vegetated, Next to Creek
07-Aug-12	329050	6248701	Q023138	CC	B	Orange Brown	20	Buck Brush Slope, Next to Creek
07-Aug-12	328998	6248694	Q023139	CC	B	Brown	30	Vegetated Slope, Next to Creek
07-Aug-12	328959	6248698	Q023140	CC	B	Orange Brown	45	Wooded Slope
07-Aug-12	328957	6248703	Q023141D	CC	B	Orange Brown	45	Wooded Slope
07-Aug-12	328906	6248707	Q023142	CC	A	Dark Grey	45	Wooded Slope
07-Aug-12	328850	6248704	Q023143	CC	B	Orange Brown	20	Wooded Slope

Appendix I - Soil sampling Stations and descriptions								
Date	UTM Easting	Northing	Sample ID	Sampler	Horizon	Colour	Depth	Comments
07-Aug-12	328797	6248705	Q023144	CC	B	Orange Brown	20	Wooded Slope
07-Aug-12	342195	6231355	Q023145	CC	B	Brown	40	Vegetated Slope
04-Aug-12	327481	6248401	Q023201	JH	b	lt. brown	35	
04-Aug-12	327442	6248402	Q023202	JH	b	brown	35	
04-Aug-12	327401	6248397	Q023203	JH	b	grey clay	30	
04-Aug-12	327317	6248382	Q023204	JH	b	lt. brown	35	
05-Aug-12	329548	6248098	Q023205	JH	b	brown	35	
05-Aug-12	329500	6248101	Q023206	JH	b	lt. brown	40	
05-Aug-12	329451	6248103	Q023207	JH	b	brown	45	
05-Aug-12	329399	6248099	Q023208	JH	b	brown	50	
05-Aug-12	329349	6248099	Q023209	JH	b	brown	50	
05-Aug-12	329299	6248097	Q023210	JH	b	brown	35	
05-Aug-12	329248	6248100	Q023211	JH	b	brown	30	wet sand
05-Aug-12	329202	6248100	Q023212	JH	b	brown	35	
05-Aug-12	329151	6248103	Q023213	JH	b	grey sand	25	
05-Aug-12	329105	6248108	Q023214	JH	b	grey sand	20	
05-Aug-12	328992	6248149	Q023215	JH	b	grey sand	20	was crossing rock slope, off intended line.
05-Aug-12	328752	6248101	Q023216	JH	b	lt. brown	20	previous gaps in meterage due to rock slope.
05-Aug-12	328699	6248101	Q023217	JH	b	grey sand	20	
05-Aug-12	328648	6248099	Q023218	JH	b	lt. brown	20	
05-Aug-12	328600	6248099	Q023219	JH	b	grey sand.	20	
05-Aug-12	328550	6248099	Q023220	JH	b	lt. brown	35	
05-Aug-12	328500	6248099	Q023221	JH	b	brown	35	
05-Aug-12	328501	6248100	Q023222D	JH	b	brown	35	
05-Aug-12	328450	6248102	Q023223	JH	b	brown	35	
05-Aug-12	328401	6248099	Q023224	JH	b	brown	20	
05-Aug-12	328351	6248095	Q023225	JH	b	brown	30	
05-Aug-12	328294	6248099	Q023226	JH	b	brown	30	
05-Aug-12	328253	6248097	Q023227	JH	b	brown	30	
06-Aug-12	328198	6248101	Q023228	JH	b	brown	25	
06-Aug-12	328150	6248105	Q023229	JH	b	brown	30	
06-Aug-12	328099	6248099	Q023230	JH	b	brown	30	
06-Aug-12	328048	6248099	q023231	JH	b	grey	35	
06-Aug-12	327995	6248096	Q023232	JH	b	brown	25	
06-Aug-12	327951	6248101	Q023233	JH	b	brown	25	
06-Aug-12	328202	6248498	Q023234	JH	b	brown	30	
06-Aug-12	328250	6248502	Q023235	JH	b	brown	35	
06-Aug-12	328295	6248498	Q023236	JH	b	brown	35	
06-Aug-12	328351	6248502	Q023237	JH	b	brown	35	
06-Aug-12	328397	6248500	Q023238	JH	b	brown	30	
06-Aug-12	328443	6248496	Q023239	JH	b	brown	30	
06-Aug-12	328494	6248495	Q023240	JH	b	brown	20	
06-Aug-12	328550	6248497	Q023241	JH	b	brown	35	
06-Aug-12	328600	6248509	Q023242	JH	b	brown	30	
06-Aug-12	328600	6248505	Q023243D	JH	b	brown	30	
06-Aug-12	328651	6248500	Q023244	JH	b	brown	20	
06-Aug-12	328699	6248500	Q023245	JH	b	brown	35	
06-Aug-12	328751	6248500	Q023246	JH	b	brown	35	
06-Aug-12	328800	6248499	Q023247	JH	b	brown	20	
06-Aug-12	328851	6248500	Q023248	JH	b	brown	25	

Appendix I - Soil sampling Stations and descriptions								
Date	**UTM Easting**	**Northing**	**Sample ID**	**Sampler**	**Horizon**	**Colour**	**Depth**	**Comments**
06-Aug-12	328900	6248505	Q023249	JH	b	brown	15	
06-Aug-12	328940	6248502	Q023250	JH	b	grey	20	
06-Aug-12	329001	6248496	Q023251	JH	b	brown	30	
07-Aug-12	329051	6248503	Q023252	JH	b	br+grey	35	
07-Aug-12	329100	6248507	Q023253	JH	b	br+grey	40	
07-Aug-12	329152	6248499	Q023254	JH	b	br	40	
07-Aug-12	329197	6248502	Q023255	JH	b	br+grey	40	
07-Aug-12	329256	6248502	Q023256	JH	b	br+grey	35	
07-Aug-12	329300	6248508	Q023257	JH	b	grey sand	35	
07-Aug-12	329350	6248501	Q023258	JH	b	br	30	
07-Aug-12	329398	6248501	Q023259	JH	b	brown	35	
07-Aug-12	329451	6248502	Q023260	JH	b	brown	30	
07-Aug-12	329498	6248496	Q023261	JH	b	brown	30	
07-Aug-12	329496	6248494	Q023262D	JH	b	brown	30	
07-Aug-12	329554	6248503	Q023263	JH	b	br	40	
07-Aug-12	329601	6248504	Q023264	JH	b	grey	35	
07-Aug-12	329646	6248502	Q023265	JH	b	brown	35	
07-Aug-12	329699	6248502	Q023266	JH	b	brown	25	
07-Aug-12	329348	6249098	Q023267	JH	b	brown	20	
07-Aug-12	329301	6249094	Q023268	JH	b	brown	20	
07-Aug-12	329251	6249095	Q023269	JH	b	brown	20	
07-Aug-12	336274	6239583	Q023270	JH	b	brown	25	

Appendix l - Prospecting Log

Prospector	Waypoint	Easting	Northing	Comments
Steve Potts	WP001	328699	6248059	Pyroxenite boulders
Steve Potts	WP002	328712	6248060	Grab rock sample of malachite stained pyroxenite boulder. Sample 23996
Steve Potts	WP004	328743	6248068	Large gossanous boulder with stockwork of quartz and carbonate veins
Steve Potts	WP005	328861	6248066	Pyroxenite bluff. Sulphur filled fault/shear zone. malachite and calcite stained surface. Dip=$60^0 \rightarrow 210^0$
Steve Potts	WP006	328901	6248123	Faulted contact between monzonite and pyroxenite. Dip = $60^0 \rightarrow 220^0$
Steve Potts	WP007	328913	6248118	Contact between monzonite and pyroxenite
Steve Potts	WP008	329039	6248073	Contact between monzonite and pyroxenite
Steve Potts	WP010	329306	6248027	Scree slope covered in quartz boulders. Also location of old sample tag 1095
Steve Potts	WP012	329625	6247308	Folded QFP. Limb dip = $25^0 \rightarrow 050^0$
Steve Potts	WP013	329639	6247188	Fine grained green andesite
Steve Potts	WP014	329498	6247350	Monzonite
Steve Potts	WP015	329487	6247363	Contact between monzonite and andesite
Steve Potts	WP016	329057	6247646	QFP dyke. Rusty colouration and calcite veining
Steve Potts	WP017	328979	6247704	Grey medium grained ultramafic unit. 70-80% plag fsp. 10-20% Mag
Steve Potts	WP018	328700	6247702	Major fold limb with dip = $20^0 \rightarrow 356^0$
Cooper Campbell	CC-04	329326	6247891	Grab sample 23951– quartz and galena
Cooper Campbell	CC-17	329665	6248861	Grab sample 23952 – massive pyrite in an ultramafic rock mass.
Cooper Campbell	CC-13	329741	6248911	Grab sample 23953– malachite stained ultramafic
Josh McKenzie	JRM-16	328890	6248161	Grab sample 23954 – limonite stained quartz
James Harris	JH-3	328965	6248218	Grab sample 23956 – limonite stained quartz
Cooper Campbell	CC-25	331337	6238817	Grab sampkle 23968 – malachite stained ultramafic
Cooper Campbell	CC-06	328602	6247945	Grab sample 23972 – pyrite in ultramafic
Cooper Campbell	CC-10	328824	6248146	Grab sample 23979 – malachite stained ultramafic
Cooper Campbell	CC-03	329238	6247889	Grab sample 23994 – malachite stained ultramafic

ABE PROPERTY | Rock Samples | UTM Datum Nad 83 Zone 10

Sample ID	Cert#	Lab ID	UTM Easting	UTM Northing	Primary Analyses	Other Analyses	Au_AA (ppm)	Au_PGM-MS23_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm
Q023951	VA12191602	Q023951	329326	6247891	ME-ICP61	AA25	2.24	>1.00	55.5	0.48	<5	240	<0.5	60
Q023952	VA12191602	Q023952	329665	6248861	ME-ICP61	OG62 & PGM-MS23		0.295	6.7	0.26	15	40	<0.5	<2
Q023953	VA12191602	Q023953	329741	6248911	ME-ICP61	PGM-MS23		0.01	0.5	7.92	<5	970	<0.5	<2
Q023954	VA12191602	Q023954	328890	6248161	ME-ICP61	PGM-MS23		0.001	<0.5	1.4	<5	200	<0.5	<2
Q023956	VA12191602	Q023956	328965	6248218	ME-ICP61	PGM-MS23		0.004	9.5	1.98	<5	170	<0.5	52
Q023971	VA12191602	Q023971	329019	6248186	ME-ICP61	PGM-MS23		0.047	5.7	1.12	<5	60	<0.5	<2
Q023972	VA12191602	Q023972	328602	6247945	ME-ICP61	PGM-MS23		0.035	0.5	8.63	<5	4400	<0.5	<2
Q023979	VA12191602	Q023979	328824	6248146	ME-ICP61	PGM-MS23		0.002	<0.5	1.48	<5	50	<0.5	<2
Q023994	VA12191602	Q023994	329238	6247889	ME-ICP61	PGM-MS23		0.008	0.7	6.45	<5	750	<0.5	2
Q023995	VA12191602	Q023995	328973	6248199	ME-ICP61	PGM-MS23		0.002	<0.5	0.94	<5	40	<0.5	<2
Q023996	VA12191602	Q023996	328712	6248060	ME-ICP61	PGM-MS23		0.018	<0.5	2.53	<5	160	<0.5	<2

Sample ID	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	K_%	La_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm
Q023951	0.06	<0.5	1	444	319	8.52	<10	0.37	<10	0.08	89	2	0.02	4
Q023952	2.56	0.8	870	7	>10000	44.9	10	0.26	<10	0.17	142	<1	0.02	5400
Q023953	5.69	<0.5	23	56	225	7.92	20	2.2	<10	3.38	1355	1	2.07	113
Q023954	11	1	36	525	17	5.89	10	0.52	<10	6.14	2040	<1	0.02	84
Q023956	0.16	0.6	3	19	9	0.39	20	0.9	<10	0.16	76	7	1.09	3
Q023971	11.95	2.3	123	83	5780	10.75	10	0.35	<10	7.31	3750	<1	0.62	108
Q023972	0.8	<0.5	20	109	365	6.95	20	4.73	<10	1.44	796	1	2.9	17
Q023979	12.35	<0.5	45	490	314	5.53	<10	0.53	<10	8.96	1185	<1	0.36	121
Q023994	7.57	1.6	150	122	8440	7.37	20	2.43	<10	7.26	1495	<1	1.47	377
Q023995	10.25	<0.5	66	1295	38	5.35	<10	0.04	<10	12.4	1215	<1	0.16	243
Q023996	11	0.9	48	133	1820	7.43	10	0.63	<10	8.35	2090	<1	0.58	76

Sample ID	P_%	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Sr_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm	Cu-OG62_%	Pt_PGM-MS23_ppm	Pd_PGM-MS23_ppm
Q023951	20	3130	0.4	7	6	11	<20	0.03	<10	<10	41	90	17		0.0122	0.001
Q023952	>10000	<2	>10.0	<5	2	18	<20	0.02	<10	10	990	<10	25	1.16	0.0163	0.576
Q023953	1540	10	0.27	6	29	458	<20	0.52	<10	<10	369	<10	74		0.0078	0.018
Q023954	30	70	0.1	<5	73	726	<20	0.26	<10	<10	160	<10	123		0.0037	0.002
Q023956	10	3070	0.06	<5	1	53	<20	0.02	<10	<10	8	<10	5		0.0009	0.001
Q023971	30	18	2.86	8	40	149	<20	0.08	<10	<10	221	<10	144		0.001	0.004
Q023972	200	9	0.53	7	12	198	<20	0.45	<10	<10	246	10	48		0.0013	0.003
Q023979	80	2	0.03	<5	79	49	<20	0.16	<10	<10	102	<10	53		0.0077	0.001
Q023994	80	<2	0.03	7	38	204	<20	0.39	<10	<10	206	<10	187		0.0042	0.013
Q023995	30	3	0.11	<5	61	63	<20	0.11	<10	<10	59	<10	58		0.0219	0.002
Q023996	20	<2	<0.01	<5	130	60	<20	0.37	<10	<10	162	<10	193		0.0005	<0.001

ABE PROPERTY	Soil Samples	UTM Datum Nad 83 Zone 10													
Lab Sample ID	Cert#	Field SampleID	UTM_ Easting	UTM_Northing	Primary Analyses	Other Analyses	Au_23AA (ppm)	Au_ppm	Ag_ppm	Al_%	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm
Q023001	VA12181725	Q023001	328378	6248058	ME-MS41L	Au-AA23	0.014	0.0048	0.061	3.6	0.68	<10	375	0.17	0.06
Q023002	VA12181725	Q023002	329606	6248302	ME-MS41L	Au-AA23	<0.005	0.0083	0.23	1.6	1	<10	42.1	0.05	0.08
Q023003	VA12181725	Q023003	329550	6248296	ME-MS41L	Au-AA23	0.006	0.0019	0.128	1.76	1.13	<10	54.8	0.07	0.12
Q023004	VA12181725	Q023004	329494	6248304	ME-MS41L	Au-AA23	<0.005	0.0026	0.106	1.76	0.95	<10	35.1	0.07	0.12
Q023005	VA12181725	Q023005	329451	6248302	ME-MS41L	Au-AA23	0.005	0.0053	0.355	1.76	3.57	<10	66.8	0.05	0.16
Q023006	VA12181725	Q023006	329394	6248299	ME-MS41L	Au-AA23	<0.005	0.002	0.117	1.27	0.4	<10	13.8	<0.05	0.14
Q023007	VA12181725	Q023007	329351	6248303	ME-MS41L	Au-AA23	<0.005	<0.0002	0.137	1.97	0.2	<10	143.5	0.09	0.08
Q023008	VA12181725	Q023008	329278	6248298	ME-MS41L	Au-AA23	<0.005	0.0007	0.055	3.12	0.78	<10	143	0.17	0.05
Q023009	VA12181725	Q023009	329241	6248296	ME-MS41L	Au-AA23	<0.005	<0.0002	0.131	2.31	0.44	<10	56	0.06	0.16
Q023010	VA12181725	Q023010	329202	6248302	ME-MS41L	Au-AA23	<0.005	0.0021	0.084	2.09	0.73	<10	58.6	0.13	0.62
Q023011	VA12181725	Q023011	329148	6248303	ME-MS41L	Au-AA23	0.02	0.0005	0.05	1.98	0.81	<10	24.9	0.16	0.23
Q023012	VA12181725	Q023012	329102	6248301	ME-MS41L	Au-AA23	<0.005	0.0042	0.149	1.6	0.59	<10	54.9	0.13	0.5
Q023013	VA12181725	Q023013	329048	6248302	ME-MS41L	Au-AA23	<0.005	<0.0002	0.088	2.01	0.8	<10	71.6	0.16	0.46
Q023014	VA12181725	Q023014	329004	6248303	ME-MS41L	Au-AA23	<0.005	0.0018	0.114	2.78	0.61	<10	116	0.08	0.55
Q023015	VA12181725	Q023015	328964	6248298	ME-MS41L	Au-AA23	<0.005	0.0027	0.55	2.09	0.82	<10	77.6	0.33	1.93
Q023016	VA12181725	Q023016	328896	6248304	ME-MS41L	Au-AA23	<0.005	0.0036	0.583	1.09	0.65	<10	46	0.1	1.67
Q023017	VA12181725	Q023017	328849	6248302	ME-MS41L	Au-AA23	0.023	0.0042	0.356	1.94	0.68	<10	91.9	0.24	1.03
Q023018	VA12181725	Q023018	328803	6248298	ME-MS41L	Au-AA23	0.007	0.002	0.121	1.83	0.86	<10	124.5	0.25	0.55
Q023019	VA12181725	Q023019	328749	6248299	ME-MS41L	Au-AA23	0.006	0.009	0.415	2.49	0.83	<10	93.4	0.21	0.25
Q023020	VA12181725	Q023020	328692	6248295	ME-MS41L	Au-AA23	0.008	0.003	0.199	2.78	0.75	<10	77.3	0.25	0.04
Q023021	VA12181725	Q023021	328649	6248297	ME-MS41L	Au-AA23	0.009	0.01	0.319	2.35	0.86	<10	63.4	0.13	0.28
Q023022	VA12181725	Q023022	328650	6248298	ME-MS41L	Au-AA23	0.009	0.002	0.375	3.01	0.85	<10	83	0.16	0.12
Q023023	VA12181725	Q023023	328601	6248299	ME-MS41L	Au-AA23	0.006	0.0023	0.15	2.6	1.15	<10	109	0.15	0.16
Q023024	VA12181725	Q023024	328551	6248301	ME-MS41L	Au-AA23	0.008	0.0193	0.136	2.76	1.13	<10	127.5	0.19	0.21
Q023025	VA12181725	Q023025	328498	6248306	ME-MS41L	Au-AA23	0.009	0.0064	0.134	2.54	1.01	<10	106.5	0.59	0.21
Q023026	VA12181725	Q023026	328451	6248305	ME-MS41L	Au-AA23	0.023	0.006	0.427	2.2	1.25	<10	71	0.1	0.2
Q023027	VA12181725	Q023027	328402	6248300	ME-MS41L	Au-AA23	0.02	0.0092	0.139	2.72	1.47	<10	89.7	0.16	0.24
Q023028	VA12181725	Q023028	328353	6248301	ME-MS41L	Au-AA23	0.059	0.0238	0.225	2.25	1.15	<10	108	0.11	0.18
Q023029	VA12181725	Q023029	328299	6248305	ME-MS41L	Au-AA23	0.067	0.06	0.072	4.07	4.66	<10	74.7	0.81	0.34
Q023030	VA12181725	Q023030	328241	6248298	ME-MS41L	Au-AA23	0.025	0.0091	0.083	3.16	2.34	<10	106.5	0.31	0.2
Q023031	VA12181725	Q023031	328204	6248304	ME-MS41L	Au-AA23	0.025	0.0168	0.088	2.45	1.6	<10	116.5	0.25	0.22
Q023032	VA12181725	Q023032	328148	6248298	ME-MS41L	Au-AA23	0.019	0.0061	0.058	2.71	1.43	<10	101	0.28	0.81
Q023033	VA12181725	Q023033	328140	6248897	ME-MS41L	Au-AA23	0.025	0.0036	0.16	2.09	1.19	<10	101.5	0.2	0.24
Q023034	VA12181725	Q023034	328196	6248881	ME-MS41L	Au-AA23	0.022	0.0111	0.307	1.78	1.05	<10	103.5	0.11	0.29
Q023035	VA12181725	Q023035	328300	6248911	ME-MS41L	Au-AA23	0.054	0.0495	0.335	2.73	1.28	<10	138.5	0.4	0.62
Q023036	VA12181725	Q023036	328368	6248887	ME-MS41L	Au-AA23	0.017	0.0079	0.118	2.43	0.94	<10	221	0.24	0.44
Q023037	VA12181725	Q023037	328488	6248903	ME-MS41L	Au-AA23	0.062	0.189	0.219	1.69	0.65	<10	152	0.19	0.2
Q023038	VA12181725	Q023038	328547	6248901	ME-MS41L	Au-AA23	0.028	0.0144	0.275	1.91	0.63	<10	131	0.2	0.23
Q023039	VA12181725	Q023039	328601	6248905	ME-MS41L	Au-AA23	0.026	0.0122	0.171	2.18	1.93	<10	103.5	0.23	0.36
Q023040	VA12181725	Q023040	328653	6248897	ME-MS41L	Au-AA23	0.049	0.0278	0.326	2.86	0.86	<10	125	0.32	0.22
Q023041	VA12181725	Q023041	328653	6248898	ME-MS41L	Au-AA23	0.062	0.034	0.37	2.68	0.93	<10	127	0.29	0.21
Q023042	VA12181725	Q023042	328708	6248906	ME-MS41L	Au-AA23	0.024	0.0151	0.092	2.26	0.76	<10	93.4	0.2	0.32
Q023043	VA12181725	Q023043	328747	6248900	ME-MS41L	Au-AA23	<0.005	0.0039	0.458	1.7	0.53	<10	53.5	0.12	1.21
Q023044	VA12181725	Q023044	329199	6248896	ME-MS41L	Au-AA23	0.014	0.0055	0.319	2.55	4.11	<10	50.2	0.21	0.2
Q023045	VA12181725	Q023045	329248	6248902	ME-MS41L	Au-AA23	0.011	0.0102	0.349	3.26	2.47	<10	105.5	0.15	0.13
Q023046	VA12181725	Q023046	329297	6248891	ME-MS41L	Au-AA23	0.014	0.0509	0.319	2.17	3.91	<10	72	0.31	0.35
Q023047	VA12181725	Q023047	329348	6248899	ME-MS41L	Au-AA23	0.013	0.0047	0.109	2.73	3.17	<10	98	0.33	0.16
Q023048	VA12181725	Q023048	329400	6248901	ME-MS41L	Au-AA23	0.021	0.0201	0.701	3.09	6.05	<10	99.3	0.37	0.15
Q023049	VA12181725	Q023049	329428	6248919	ME-MS41L	Au-AA23	0.011	0.0105	0.301	4.08	1.84	<10	53.8	0.26	0.06
Q023050	VA12181725	Q023050	329147	6248898	ME-MS41L	Au-AA23	0.005	0.0031	0.257	2.22	1.73	<10	58.3	0.22	0.16
Q023051	VA12181725	Q023051	329102	6248901	ME-MS41L	Au-AA23	0.008	0.0036	0.089	2.08	2.44	<10	45.7	0.26	0.32
Q023052	VA12181725	Q023052	329052	6248899	ME-MS41L	Au-AA23	<0.005	0.0015	0.166	1.19	0.66	<10	16.8	0.11	0.73
Q023053	VA12181725	Q023053	329006	6248904	ME-MS41L	Au-AA23	<0.005	0.0025	0.205	1.42	0.63	<10	28	0.11	0.45
Q023054	VA12181725	Q023054	328954	6248897	ME-MS41L	Au-AA23	<0.005	0.002	0.269	1.35	0.48	<10	33.2	0.09	0.67
Q023055	VA12181725	Q023055	328913	6248912	ME-MS41L	Au-AA23	<0.005	0.0017	0.305	1.48	0.41	<10	52.5	0.1	1.28
Q023056	VA12181725	Q023056	328858	6248906	ME-MS41L	Au-AA23	<0.005	0.0012	0.414	1.42	0.43	<10	61.3	0.1	1.16
Q023057	VA12181725	Q023057	328797	6248904	ME-MS41L	Au-AA23	<0.005	0.0025	0.273	1.34	0.47	<10	40.7	0.11	1.05
Q023101	VA12181725	Q023101	329506	6247887	ME-MS41L	Au-AA23	<0.005	0.0007	0.332	2.17	0.95	<10	501	0.12	0.91
Q023102	VA12181725	Q023102	329451	6247904	ME-MS41L	Au-AA23	<0.005	<0.0002	0.086	1.78	0.41	<10	107	0.17	0.19
Q023103	VA12181725	Q023103	329408	6247899	ME-MS41L	Au-AA23	<0.005	0.0012	0.058	0.98	0.31	<10	62.6	0.1	0.13
Q023104	VA12181725	Q023104	329342	6247900	ME-MS41L	Au-AA23	<0.005	<0.0002	0.286	0.95	0.61	<10	95.8	0.13	0.48
Q023105	VA12181725	Q023105	329292	6247901	ME-MS41L	Au-AA23	0.155	0.0889	0.976	1.32	0.69	<10	160	0.21	1.63
Q023106	VA12181725	Q023106	329202	6247904	ME-MS41L	Au-AA23	<0.005	0.0013	0.154	1.41	0.61	<10	73.8	0.08	0.29
Q023107	VA12181725	Q023107	329148	6247898	ME-MS41L	Au-AA23	<0.005	0.0102	0.213	1.54	0.48	<10	86.8	0.13	0.51
Q023108	VA12181725	Q023108	329062	6247902	ME-MS41L	Au-AA23	<0.005	0.0025	0.11	1.87	1.24	<10	59.7	0.07	0.28
Q023109	VA12181725	Q023109	328995	6247902	ME-MS41L	Au-AA23	<0.005	0.0012	0.119	1.81	1.13	<10	72.1	0.19	0.67
Q023110	VA12181725	Q023110	327900	6248698	ME-MS41L	Au-AA23	0.043	0.0212	0.083	3.05	0.98	<10	104	0.32	0.29
Q023111	VA12181725	Q023111	327953	6248695	ME-MS41L	Au-AA23	0.016	0.003	0.104	2.12	0.85	<10	182.5	0.17	0.18
Q023112	VA12181725	Q023112	328002	6248695	ME-MS41L	Au-AA23	0.018	0.0152	0.139	1.94	0.95	<10	125	0.12	0.22
Q023113	VA12181725	Q023113	328047	6248703	ME-MS41L	Au-AA23	0.008	0.0015	0.158	2.15	1.6	<10	131	0.17	0.28
Q023114	VA12181725	Q023114	328095	6248702	ME-MS41L	Au-AA23	0.072	0.0072	0.177	1.98	1.51	<10	111	0.17	0.23
Q023115	VA12181725	Q023115	328145	6248697	ME-MS41L	Au-AA23	0.021	0.0108	0.184	3.17	0.7	<10	289	0.3	0.16
Q023116	VA12181725	Q023116	328193	6248698	ME-MS41L	Au-AA23	0.033	0.0072	0.181	2.2	0.56	<10	151.5	0.18	0.19
Q023117	VA12181725	Q023117	328248	6248711	ME-MS41L	Au-AA23	0.042	0.0078	0.151	2.32	1.17	<10	151	0.27	0.18
Q023118	VA12181725	Q023118	328299	6248701	ME-MS41L	Au-AA23	0.054	0.0172	0.124	2.53	1.27	<10	128	0.26	0.4
Q023119	VA12181725	Q023119	328350	6248703	ME-MS41L	Au-AA23	0.022	0.0103	0.154	1.62	0.53	<10	75.4	0.09	0.16
Q023120	VA12181725	Q023120	328402	6248693	ME-MS41L	Au-AA23	0.02	0.0203	0.207	2.08	0.56	<10	72.2	0.19	0.18
Q023121	VA12181725	Q023121D	328402	6248693	ME-MS41L	Au-AA23	0.062	0.0323	0.245	2.17	0.93	<10	82.7	0.28	0.24
Q023122	VA12181725	Q023122	328450	6248698	ME-MS41L	Au-AA23	0.034	0.0069	0.112	2.72	1.1	<10	157	0.41	0.31
Q023123	VA12181725	Q023123	328509	6248699	ME-MS41L	Au-AA23	0.088	0.0409	0.276	2.11	1.21	<10	107	0.31	0.33
Q023124	VA12181725	Q023124	328558	6248704	ME-MS41L	Au-AA23	0.022	0.0164	0.242	2.52	0.89	<10	114	0.28	0.14
Q023125	VA12181725	Q023125	328606	6248699	ME-MS41L	Au-AA23	0.017	0.0068	0.083	1.88	0.55	<10	92.3	0.1	0.17
Q023126	VA12181725	Q023126	328657	6248693	ME-MS41L	Au-AA23	0.01	0.0145	0.266	2.19	1.12	<10	96.8	0.31	0.2
Q023127	VA12181725	Q023127	328693	6248695	ME-MS41L	Au-AA23	0.006	0.003	0.079	2.25	0.87	<10	92.1	0.2	0.2
Q023128	VA12181725	Q023128	328749	6248701	ME-MS41L	Au-AA23	0.012	0.0036	0.368	1.92	0.54	<10	88.7	0.19	0.76
Q023129	VA12181725	Q023129	329506	6248704	ME-MS41L	Au-AA23	<0.005	0.0014	0.164	1.28	0.73	<10	37.7	<0.05	0.1
Q023130	VA12181725	Q023130	329452	6248702	ME-MS41L	Au-AA23	<0.005	0.0002	0.048	1.37	1.09	<10	31	0.06	0.05
Q023131	VA12181725	Q023131	329404	6248694	ME-MS41L	Au-AA23	<0.005	0.0023	0.258	2.51	1.65	<10	101.5	0.08	0.24
Q023132	VA12181725	Q023132	329346	6248693	ME-MS41L	Au-AA23	<0.005	0.0024	0.166	2.13	1.41	<10	60.2	0.09	0.09
Q023133	VA12181725	Q023133	329304	6248700	ME-MS41L	Au-AA23	<0.005	0.0017	0.211	1.9	1.58	<10	82.8	0.08	0.15
Q023134	VA12181725	Q023134	329249	6248704	ME-MS41L	Au-AA23	<0.005	0.0032	0.082	1.71	1.27	<10	40.5	0.1	0.16
Q023135	VA12181725	Q023135	329200	6248702	ME-MS41L	Au-AA23	<0.005	0.0034	0.172	1.94	1.39	<10	32	0.12	0.31
Q023136	VA12181725	Q023136	329144	6248702	ME-MS41L	Au-AA23	<0.005	0.0022	0.169	1.04	1.08	<10	33.4	<0.05	0.09
Q023137	VA12181725	Q023137	329096	6248699	ME-MS41L	Au-AA23	<0.005	0.0025	0.126	2.09	2.99	<10	68.4	0.19	0.31
Q023138	VA12181725	Q023138	329050	6248701	ME-MS41L	Au-AA23	<0.005	0.0013	0.072	1.17	0.31	<10	16.3	0.08	0.91
Q023139	VA12181725	Q023139	328998	6248694	ME-MS41L	Au-AA23	0.005	0.001	0.693	2.25	0.44	<10	88.5	0.22	1.08
Q023140	VA12181725	Q023140	328959	6248698	ME-MS41L	Au-AA23	<0.005	0.0023	0.12	1.52	0.44	<10	37.9	0.09	0.81
Q023141	VA12181725	Q023141D	328957	6248703	ME-MS41L	Au-AA23	0.006	0.0022	0.174	1.48	0.45	<10	40.8	0.08	1.03
Q023142	VA12181725	Q023142	328906	6248707	ME-MS41L	Au-AA23	<0.005	0.0015	0.138	1.18	0.72	<10	34.4	0.09	0.63
Q023143	VA12181725	Q023143	328850	6248704	ME-MS41L	Au-AA23	<0.005	0.0013	0.11	1.34	0.69	<10	54.6	0.08	0.6
Q023144	VA12181725	Q023144	328797	6248705	ME-MS41L	Au-AA23	0.012	0.0057	0.176	1.52	0.77	<10	74.2	0.09	0.88
Q023201	VA12181725	Q023201	327481	6248401	ME-MS41L	Au-AA23	<0.005	0.0015	0.117	2.56	1.22	<10	85	0.12	0.27
Q023202	VA12181725	Q023202	327442	6248402	ME-MS41L	Au-AA23	0.009	0.006	0.127	2.15	0.81	<10	98.1	0.12	0.44
Q023203	VA12181725	Q023203	327401	6248397	ME-MS41L	Au-AA23	0.031	0.0205	0.058	3.16	0.53	<10	135	0.21	0.05
Q023204	VA12181725	Q023204	327317	6248382	ME-MS41L	Au-AA23	<0.005	0.0027	0.018	1.59	0.34	<10	28.6	<0.05	0.04
Q023205	VA12181725	Q023205	329548	6248098	ME-MS41L	Au-AA23	<0.005	<0.0002	0.064	1.3	0.42	<10	26.7	<0.05	0.32
Q023206	VA12181725	Q023206	329500	6248101	ME-MS41L	Au-AA23	<0.005	0.0003	0.115	1.61	0.63	<10	50.7	0.06	0.25
Q023207	VA12181725	Q023207	329451	6248103	ME-MS41L	Au-AA23	<0.005	<0.0002	0.036	1.76	0.49	<10	24.9	<0.05	0.13
Q023208	VA12181725	Q023208	329399	6248099	ME-MS41L	Au-AA23	<0.005	0.0002	0.094	3.12	0.44	<10	79.5	0.08	0.11
Q023209	VA12181725	Q023209	329349	6248099	ME-MS41L	Au-AA23	<0.005	0.0005	0.132	1.79	0.38	<10	105	0.12	0.27
Q023210	VA12181725	Q023210	329299	6248097	ME-MS41L	Au-AA23	<0.005	0.0009	0.089	1.62	0.36	<10	61.8	0.14	0.24
Q023211	VA12181725	Q023211	329248	6248100	ME-MS41L	Au-AA23	0.009	0.0025	0.356	1.69	0.42	<10	91.8	0.16	0.62
Q023212	VA12181725	Q023212	329202	6248100	ME-MS41L	Au-AA23	<0.005	0.003	0.197	1.77	0.66	<10	63.2	0.12	0.56
Q023213	VA12181725	Q023213	329151	6248103	ME-MS41L	Au-AA23	<0.005	0.0008	0.277	1.68	0.52	<10	130	0.15	0.86
Q023214	VA12181725	Q023214	329105	6248108	ME-MS41L	Au-AA23	<0.005	0.0005	0.224	1.84	0.75	<10	99.7	0.24	0.71
Q023215	VA12181725	Q023215	328992	6248149	ME-MS41L	Au-AA23	<0.005	0.0011	0.286	1.42	0.54	<10	78.1	0.14	0.67
Q023216	VA12181725	Q023216	328752	6248101	ME-MS41L	Au-AA23	<0.005	<0.0002	0.101	0.93	0.53	<10	113.5	0.07	0.52
Q023217	VA12181725	Q023217	328699	6248101	ME-MS41L	Au-AA23	0.011	0.0053	0.312	1.1	0.51	<10	62.1	<0.05	0.4
Q023218	VA12181725	Q023218	328648	6248099	ME-MS41L	Au-AA23	0.014	0.0045	0.312	1.58	1.13	<10	165	0.14	0.79
Q023219	VA12181725	Q023219	328600	6248099	ME-MS41L	Au-AA23	0.012	0.009	0.602	1.49	0.84	<10	191	0.14	0.99
Q023220	VA12181725	Q023220	328550	6248099	ME-MS41L	Au-AA23	0.081	0.0104	0.168	3.31	1.09	<10	111.5	0.16	0.83
Q023221	VA12181725	Q023221	328500	6248099	ME-MS41L	Au-AA23	0.049	0.0062	0.149	2.74	1.21	<10	143.5	0.13	0.22
Q023222	VA12181725	Q023222D	328501	6248100	ME-MS41L	Au-AA23	0.019	0.0064	0.145	2.97	1.19	<10	138	0.17	0.23
Q023223	VA12181725	Q023223	328450	6248102	ME-MS41L	Au-AA23	<0.005	0.0031	0.104	3.75	0.8	<10	223	0.33	0.12
Q023224	VA12181725	Q023224	328401	6248099	ME-MS41L	Au-AA23	0.006	0.0736	0.117	2.74	0.94	<10	178.5	0.14	0.24

Lab Sample ID	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_%	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppm	In_ppm	K_%	La_ppm	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Nb_ppm	Ni_ppm	P_%	Pb_ppm	Rb_ppm
Q023001	1.03	0.06	3.3	15	21.1	1.15	47.2	3.61	7.64	0.09	<0.02	0.021	0.012	0.11	1.6	8.4	1.34	435	0.52	0.07	0.43	9.9	0.11	1.78	9.3
Q023002	0.71	0.08	1.24	48.1	265	1.31	318	3.64	4.28	0.13	<0.02	0.007	0.008	0.23	0.8	10.8	1.99	371	4.53	0.02	0.05	86.8	0.032	1.92	21.7
Q023003	0.54	0.1	1.61	56.7	293	1.55	233	4.19	4.87	0.14	<0.02	0.01	0.012	0.13	0.9	10.7	2	848	6.44	0.02	0.07	73.6	0.035	3.42	17.4
Q023004	0.44	0.07	1.51	31	254	1.44	188.5	3.7	4.29	0.13	<0.02	0.016	0.011	0.1	0.8	10.8	1.87	387	6.52	0.02	0.06	60.5	0.024	2.88	7.8
Q023005	0.47	0.09	0.87	56.4	259	1.46	524	4.18	3.57	0.13	0.02	0.015	0.009	0.29	0.5	10.8	2.12	371	10.95	0.02	<0.05	97.2	0.017	2.48	17.4
Q023006	0.54	0.13	0.78	41.5	560	3.09	189	5.41	4.74	0.13	<0.02	0.007	0.01	0.03	0.4	6.5	2.67	456	1.09	0.01	<0.05	159.5	0.012	8.26	3.4
Q023007	0.54	0.09	1.37	34.1	401	5.26	33.3	3.88	5.02	0.15	0.02	0.011	0.013	0.2	0.5	18.4	3	672	0.24	0.02	<0.05	83.1	0.011	4.01	12.3
Q023008	0.77	0.11	6.92	32.5	90.1	6.27	40.8	5.97	11.65	0.2	0.02	<0.005	0.02	0.68	3.2	31.9	3.3	1120	0.2	0.03	0.13	35.7	0.118	3.97	30.4
Q023009	0.52	0.08	1.17	42	146	4.13	36	8.44	9.03	0.17	<0.02	0.005	0.01	0.56	0.5	15.3	2.62	526	0.66	0.02	<0.05	111.5	0.019	104	26.4
Q023010	0.39	0.11	2.76	38.2	417	3.79	24.3	4.2	6	0.13	<0.02	0.012	0.01	0.1	1.2	13.3	2.78	667	1.02	0.02	0.17	90.3	0.031	46	6.5
Q023011	0.2	0.07	3.65	31.4	521	3.36	22.9	3.92	5.58	0.11	<0.02	0.018	0.014	0.07	1.7	15.9	2.22	542	0.88	0.02	0.25	73.4	0.015	25.5	6
Q023012	0.52	0.13	1.35	34	562	3.32	35.5	3.78	5.48	0.13	0.02	0.007	0.009	0.1	0.6	12.4	2.56	294	12.25	0.02	<0.05	98.6	0.011	62.1	9.5
Q023013	0.67	0.21	2.27	34.9	465	4.41	36.4	4.73	7.18	0.12	<0.02	0.018	0.014	0.1	1.1	13.7	3.04	735	7.75	0.02	0.1	110.5	0.03	42.2	13.8
Q023014	0.72	0.11	2.81	41.7	353	6.2	27.6	4.33	8.21	0.15	0.05	0.009	0.016	0.6	1.4	19.8	4.29	816	1.13	0.02	<0.05	118	0.037	46.1	44.4
Q023015	0.63	0.1	4.63	36.5	550	8.06	59.5	4.66	9.66	0.17	0.06	0.026	0.011	0.71	2.4	16.5	3.23	652	2.87	0.01	0.28	108.5	0.033	172	59.5
Q023016	0.16	0.09	4.94	9.9	199.5	0.96	14.65	6.01	10.25	0.1	0.02	0.015	0.02	0.02	2.5	3.1	0.53	200	12.55	0.02	1.6	19.5	0.021	50.1	3.6
Q023017	0.63	0.13	3.46	41.2	425	4.96	93.4	4.59	7.01	0.16	0.02	0.007	0.015	0.09	1.7	14.9	3.01	808	5.31	0.02	0.08	101.5	0.027	83.8	11.2
Q023018	0.63	0.24	6.46	16.5	166.5	3.16	119	3.21	5.68	0.1	0.02	0.02	0.015	0.06	2.6	16.7	1.35	458	6.93	0.02	0.48	32.6	0.058	12.3	8.2
Q023019	0.4	0.08	7.57	18.8	85.6	1.39	60.1	3.93	7.98	0.11	<0.02	0.032	0.015	0.07	3.8	8.6	1.48	831	1.52	0.02	0.4	35	0.133	7.41	9.7
Q023020	0.69	0.09	5.98	19.4	62.1	0.91	123	3.86	6.04	0.11	<0.02	0.026	0.012	0.06	3	8.4	1.63	522	1.3	0.02	0.28	35.5	0.133	1.43	3.2
Q023021	0.38	0.11	7.02	12.4	51.5	1.2	65	3.65	10.3	0.09	<0.02	0.021	0.012	0.04	3.4	6.1	1.03	343	1.65	0.02	1.33	21.1	0.068	6.38	6.3
Q023022	0.54	0.12	5.49	20	69.1	1.16	96.2	4.67	9.14	0.1	<0.02	0.043	0.017	0.05	2.7	9.6	1.58	521	1.37	0.02	0.6	32	0.105	3.59	5.1
Q023023	0.36	0.06	5.49	14.7	112	1.25	54.8	4.47	9.46	0.1	<0.02	0.027	0.016	0.05	2.6	7.1	1.29	496	1.09	0.02	0.63	28.1	0.089	4.09	5.9
Q023024	0.43	0.09	7.79	12.5	78.4	1.21	49.8	3.31	9.43	0.09	<0.02	0.03	0.018	0.04	3.8	9	1.38	412	1.41	0.02	1.55	32.1	0.05	7.17	5.9
Q023025	0.77	0.03	5.11	26.4	87.6	3.19	476	4.86	9.44	0.14	0.03	0.018	0.024	0.16	6.2	12.8	2.36	922	2.76	0.02	0.32	30.8	0.073	31.7	9.7
Q023026	0.36	0.08	4.99	22.5	83.3	1.01	50.3	4.61	9.54	0.05	<0.02	0.024	0.017	0.04	2.4	6.4	1.34	552	1.48	0.01	0.9	28.1	0.079	4.22	5.1
Q023027	0.47	0.09	5.98	20.1	71	1.04	70.4	4.24	8.68	<0.05	<0.02	0.025	0.015	0.05	2.9	9.7	1.42	521	1.16	0.01	0.47	26.4	0.078	4.93	5.1
Q023028	0.44	0.09	5.07	17.9	82.2	1.33	55.1	4.12	8.26	0.05	<0.02	0.033	0.013	0.04	2.4	6.6	1.24	507	1.61	0.02	0.4	27.4	0.092	3.65	6
Q023029	0.44	0.21	39.7	39.8	237	4.8	1355	5.14	10.95	0.11	0.12	0.042	0.039	0.08	14	23.7	2.37	1610	9.6	0.01	6.21	49	0.132	7.41	8.5
Q023030	0.79	0.07	6.49	28.6	124.5	1.68	279	5.24	10.15	0.07	<0.02	0.015	0.016	0.15	3	15.9	2.37	787	1.75	0.02	0.59	59	0.123	2.91	8.8
Q023031	1.22	0.1	6.11	25.9	119	3.07	213	3.9	7.23	0.07	<0.02	0.024	0.015	0.1	3	11.8	1.89	882	1.73	0.02	0.37	28	0.148	5.11	7.6
Q023032	0.58	0.08	7.17	27.5	132.5	2.05	218	3.8	7.48	0.06	<0.02	0.02	0.018	0.09	3.4	11	1.76	787	1.74	0.01	0.54	36.3	0.147	6.5	7.2
Q023033	0.49	0.1	8.23	19.6	129.5	1.27	78.2	3.93	6.55	0.05	<0.02	0.039	0.013	0.05	3.5	9.3	1.34	561	1.46	0.02	0.26	38.7	0.083	4.07	7.1
Q023034	0.37	0.07	7.53	13.4	50	0.78	51.3	4.21	8.61	0.05	<0.02	0.031	0.011	0.06	3.6	5	0.9	500	1.54	0.01	0.55	17	0.101	4.14	9.3
Q023035	0.44	0.07	7.7	28.7	125.5	2.19	175	5.21	9.94	0.09	<0.02	0.018	0.023	0.11	3.4	11.3	2.11	1080	3.98	0.02	0.43	70.4	0.109	20.6	9.8
Q023036	0.57	0.04	6.07	21.4	64.7	1.88	161.5	4.48	8.11	0.06	<0.02	0.019	0.019	0.05	2.6	8.2	1.56	823	3.55	0.02	0.16	41.4	0.1	17.65	4.8
Q023037	0.63	0.12	7.5	24.9	97.7	1.25	155.5	3.52	5.27	0.08	0.03	0.019	0.012	0.11	3.5	7.7	1.41	799	3.08	0.01	0.2	27.7	0.124	8.8	5.2
Q023038	1.56	0.12	5.87	18.5	96.6	2.08	160.5	3.05	5.61	0.05	<0.02	0.044	0.013	0.06	3.4	12.1	1.39	669	6.35	0.02	0.29	28.7	0.116	5.8	6.9
Q023039	0.8	0.09	13.25	24.9	128.5	1.95	233	4.82	6.76	0.07	0.02	0.019	0.016	0.1	6.2	13.9	1.73	670	7.16	0.02	0.56	40.2	0.073	9.29	10.5
Q023040	1.03	0.06	7.44	23.8	72.6	2.07	195	5.07	9.53	0.08	<0.02	0.019	0.02	0.14	3.8	13.7	2.17	824	14.9	0.02	0.35	37	0.129	5.4	10.4
Q023041	0.92	0.07	8.11	23.8	68.1	2.15	184.5	4.88	9.17	0.1	<0.02	0.018	0.021	0.16	3.8	13.8	2.02	760	9.41	0.02	0.32	35	0.132	4.93	10.6
Q023042	0.5	0.08	6.12	21.4	86.6	1.61	103.5	4.17	6.94	0.06	<0.02	0.013	0.015	0.08	2.8	9.3	1.45	648	2.96	0.02	0.36	27.4	0.076	7.88	6.3
Q023043	0.74	0.1	1.99	35.5	308	3.37	115.5	4.45	5.61	0.08	<0.02	0.014	0.01	0.12	1	12.7	2.3	521	69.8	0.02	0.1	78.3	0.036	107.5	12.7
Q023044	0.29	0.25	5.14	34.4	147	0.75	613	5.32	7.83	<0.05	<0.02	0.046	0.027	0.05	2.6	14.1	1.36	524	8.81	0.01	0.25	94.5	0.171	17.1	11.1
Q023045	0.41	0.06	3.33	40.6	394	1.86	599	7.09	8.99	0.1	<0.02	0.007	0.012	0.53	1.7	20.8	3.28	611	30.4	0.02	0.16	204	0.089	2.79	25.8
Q023046	0.23	0.08	7.34	53.9	155.5	0.64	1070	5.31	8.24	0.06	<0.02	0.021	0.013	0.04	4.3	9.2	1.05	806	16.9	0.01	0.22	111.5	0.128	6.47	5.2
Q023047	0.15	0.13	8.33	177.5	299	1.04	1650	5.32	7.95	0.14	<0.02	0.016	0.013	0.25	4.4	15.9	2.02	968	13.9	0.01	0.32	198	0.1	7.57	11.8
Q023048	0.15	0.11	16.35	48.1	180.5	0.85	1450	7.9	10.05	0.07	<0.02	0.029	0.02	0.08	8.9	14.2	1.31	413	7.77	0.03	0.36	190.5	0.207	7.12	7.5
Q023049	0.13	0.05	3.54	87.4	827	2	1750	6.69	10.85	0.22	<0.02	0.021	0.009	0.27	2	24.6	4.06	417	2.93	0.01	0.3	335	0.085	1.94	12.9
Q023050	0.76	0.09	6.7	41.2	184	1.67	351	5.34	5.71	0.05	<0.02	0.022	0.015	0.07	4.1	18.3	1.74	485	40.8	0.02	0.34	79.9	0.084	5.82	11.7
Q023051	0.81	0.1	8.26	30.6	168.5	1.56	160	4.27	6.3	0.06	<0.02	0.011	0.014	0.08	3.2	22.9	1.96	407	27.1	0.02	0.39	70.5	0.053	14.05	10.5
Q023052	0.63	0.08	2.11	36	292	1.34	61	3.59	3.27	0.07	<0.02	0.016	0.008	0.07	0.7	10.5	1.78	366	8.52	0.01	0.1	84.4	0.022	39.6	5.9
Q023053	0.83	0.14	2.25	36.9	259	1.7	71.8	4.78	3.83	0.08	<0.02	0.028	0.007	0.07	1	10.6	1.8	520	20.7	0.02	0.15	81.2	0.041	39.6	6.9
Q023054	0.72	0.14	2.23	37.5	330	2.04	92.3	4.58	4.12	0.08	<0.02	0.024	0.011	0.09	1	11.4	1.83	463	14.8	0.02	0.16	87.7	0.029	54.1	7.6
Q023055	0.9	0.16	1.62	39.2	318	2.4	65.8	4.54	5.31	0.09	<0.02	0.02	0.009	0.1	0.7	10.4	2.16	594	9.84	0.01	0.08	88.3	0.035	112	9.2
Q023056	0.9	0.18	1.55	33.6	364	2.52	79.9	4.87	5.01	0.09	<0.02	0.014	0.007	0.09	0.8	11	2.03	485	10.4	0.02	0.09	91.3	0.032	98.2	9.6
Q023057	0.59	0.15	1.84	36.8	356	2.68	95.4	4.93	4.67	0.07	<0.02	0.017	0.008	0.09	0.9	10.5	1.95	498	9.11	0.02	0.08	88.4	0.03	94.9	9.2
Q023101	1.22	0.2	1.88	38.3	268	3.72	40.7	4.99	7.09	0.16	0.07	<0.005	0.012	0.65	0.9	21.5	3.28	677	0.84	0.02	<0.05	85.3	0.044	118.5	48.9
Q023102	1.28	0.14	1.76	33.6	387	3.73	38.5	4.48	6.36	0.16	0.06	<0.005	0.008	0.61	0.7	16.4	3.01	579	0.09	0.01	<0.05	95.8	0.062	25.8	49.8
Q023103	1.9	0.1	1.26	24.2	545	2.26	24.9	4.19	3.3	0.12	0.04	<0.005	<0.005	0.36	0.5	8.6	1.77	392	0.14	0.01	<0.05	74.4	0.022	18.3	23.6
Q023104	2.84	0.39	1.72	36.8	730	2.88	39.3	5.76	3.37	0.14	0.05	<0.005	0.01	0.28	0.7	8.5	2.06	617	0.47	0.01	<0.05	103.5	0.014	69.8	25.8
Q023105	2.36	0.65	2.88	41.1	632	3.44	95.1	5.45	4.22	0.15	0.07	<0.005	0.016	0.27	1.4	9.9	2.74	855	2.91	0.01	<0.05	105	0.019	154.5	27.8
Q023106	2.71	0.16	1.41	40.5	605	4.06	65.2	4.7	4.42	0.15	0.04	<0.005	0.007	0.44	0.6	9.1	2.81	517	0.63	0.01	<0.05	109.5	0.025	41.5	41.6
Q023107	2.05	0.19	1.5	33.6	538	3.82	49.4	4.47	4.91	0.16	0.06	<0.005	0.01	0.44	0.6	11.1	2.66	623	0.49	0.01	<0.05	87.2	0.016	65.7	38.5
Q023108	0.55	0.1	1.91	42.9	358	3.1	49.6	3.94	4.74	0.13	<0.02	0.005	0.012	0.05	0.8	11.2	3.05	616	0.88	0.02	0.23	120	0.03	26.5	6.5
Q023109	0.39	0.18	4.5	37.6	338	2.08	60.8	4.8	6.03	0.12	<0.02	0.01	0.018	0.04	1.8	10.2	2.18	734	1.31	0.02	0.57	67.6	0.043	42.5	7
Q023110	0.63	0.08	5.8	27.1	167	2.79	185.5	4.07	9.26	0.14	<0.02	0.012	0.02	0.15	2.4	13.8	2.26	952	1.5	0.02	0.55	30.2	0.07	6.77	10.8
Q023111	0.62	0.13	5.36	20.4	107	1.18	63.3	3.23	6.85	0.1	<0.02	0.015	0.013	0.08	2.4	7	0.99	1330	1.16	0.02	0.29	17.6	0.079	4.24	13.4
Q023112	0.6	0.08	6.58	13.3	102.5	0.91	52.7	3.14	6.19	0.1	<0.02	0.022	0.011	0.06	2.7	6.1	0.91	448	1.07	0.02	0.41	16.6	0.06	4.02	8.7
Q023113	0.49	0.11	11.85	16.6	95.4	0.94	65.5	4.39	7.05	0.1	<0.02	0.032	0.014	0.05	4.2	8.7	0.95	705	1.71	0.02	0.59	19.9	0.068	5.65	8.2
Q023114	0.5	0.07	7.35	19.2	75.8	0.91	94.7	3.58	6.18	0.1	<0.02	0.027	0.014	0.06	3.3	7.7	1.13	396	2.66	0.02	0.39	22	0.058	5.51	6.8
Q023115	0.76	0.05	5.07	28.4	79.8	1.76	289	4.48	8.16	0.12	<0.02	0.011	0.014	0.19	2.3	10.4	1.86	1040	2.02	0.03	0.28	32.3	0.097	3.5	13.9
Q023116	0.5	0.05	3.46	24	49.9	1.12	165.5	3.99	7.79	0.12	<0.02	0.024	0.013	0.17	1.6	7.8	1.52	771	3.44	0.01	0.33	20.7	0.082	3.66	18
Q023117	0.47	0.07	6.66	21.6	62.8	1.01	136.5	3.92	6.69	0.1	<0.02	0.025	0.013	0.11	3.1	9.9	1.47	1020	1.52	0.01	0.24	24.4	0.099	4.64	9.2
Q023118	1.07	0.1	5.17	24.6	139	2.42	182.5	3.46	7.05	0.12	<0.02	0.013	0.016	0.1	2.5	12.2	1.74	711	5.62	0.02	0.22	31.3	0.107	8.99	7.9
Q023119	0.39	0.07	4.58	9.4	61.1	0.75	29	3.39	7.88	0.1	<0.02	0.021	0.013	0.04	2.2	4.3	0.8	274	1.02	0.01	0.51	14.6	0.059	4.87	6.8
Q023120	0.46	0.07	5.01	18.7	122.5	1.42	112	3.61	6.98	0.11	<0.02	0.02	0.022	0.06	2.5	11.3	1.6	606	2.78	0.01	0.2	38.6	0.084	3.47	8.3
Q023121	0.52	0.09	6.55	20	120.5	1.82	159.5	3.58	6.82	0.1	<0.02	0.025	0.025	0.07	3.2	11.4	1.58	795	2.96	0.01	0.17	36.4	0.105	4.11	7.8
Q023122	0.9	0.12	9.49	22.9	105	4.97	328	4.04	8.54	0.11	0.02	0.039	0.029	0.08	5.3	15	1.82	1480	5.64	0.02	0.2	32.7	0.155	5.55	10.8
Q023123	0.96	0.09	6.72	23.1	69.7	1.41	252	4.59	6.58	0.11	<0.02	0.017	0.017	0.09	4.6	10.7	1.35	789	1.41	0.01	0.22	19.8	0.177	11.9	5.2
Q023124	0.93	0.08	6.44	50.9	70.1	1.15	331	4.61	6.98	0.14	<0.02	0.016	0.014	0.14	3.3	9.8	1.76	750	2.26	0.02	0.27	28.2	0.138	2.98	7.3
Q023125	0.51	0.05	3.4	15.3	62.4	0.85	100.5	3.7	6.68	0.1	<0.02	0.029	0.011	0.06	1.6	6.8	1.31	413	2.23	0.01	0.25	18.7	0.091	4.52	7.2
Q023126	1.14	0.18	4.86	23.3	71.6	2.3	340	3.14	6.39	0.11	<0.02	0.046	0.014	0.07	3.9	11.2	1.24	973	6.66	0.02	0.33	24.1	0.124	9.63	6.8
Q023127	0.54	0.1	5.68	20	75.5	0.96	176	3.62	7.25	0.1	<0.02	0.027	0.012	0.05	3.2	12.2	1.58	490	3.03	0.01	0.32	29.5	0.099	13.15	4.1
Q023128	0.85	0.08	3.14	29.8	311	2.72	126	4	6.46	0.11	<0.02	0.015	0.011	0.07	2.1	12.9	2.53	659	6.23	0.02	0.12	63.1	0.053	47.8	8.3
Q023129	0.71	0.09	2.65	15.6	244	0.57	69	3.48	5.49	0.14	<0.02	0.017	0.015	0.04	1.2	6.2	1.22	450	5.35	0.03	0.19	41.9	0.035	3.12	6.9
Q023130	0.69	0.06	2.04	18	283	0.57	99.8	3.51	4.44	0.13	<0.02	0.017	0.018	0.04	0.9	7.9	1.44	327	3.67	0.03	0.28	50.5	0.034	1.64	6.1
Q023131	0.78	0.07	1.63	50.5	195	2.28	519	5.27	5.99	0.18	0.02	0.008	0.009	0.54	0.8	16.5	2.81	463	20.3	0.02	0.1	97.1	0.039	9.82	36.1
Q023132	0.65	0.08	2.52	22.1	183.5	0.99	179	4.58	6.43	0.13	<0.02	<0.005	0.016	0.08	1.1	13.3	1.84	369	8.13	0.02	0.35	55.1	0.059	2.47	8.9
Q023133	0.64	0.11	1.42	33.5	185.5	1.61	247	4.32	4.9	0.15	<0.02	<0.005	0.01	0.38	0.7	12	2.07	436	14.25	0.02	0.08	70.7	0.054	3.97	24.2
Q023134	0.77	0.05	1.58	32.4	206	1.48	490	3.93	4.6	0.16	<0.02	<0.005	0.011	0.17	0.8	15.3	1.83	314	28.1	0.02	0.11	67.6	0.03	5.32	12.2
Q023135	0.59	0.09	2.5	27.7	246	1.52	134.5	4.13	5.56	0.06	<0.02	0.023	0.015	0.07	1.2	11.8	2.32	307	20.3	0.01	0.46	76.2	0.022	15.45	7.6
Q023136	0.52	0.05	0.97	23.9	239	1	155.5	3.17	2.94	0.08	0.02	0.018	0.009	0.15	0.4	8.4	1.28	206	8.7	0.01	0.05	62.3	0.018	3.07	9.9
Q023137	0.73	0.15	4.2	67.8	325	3.61	541	5.48	5.82	0.12	0.02	0.025	0.019	0.18	1.6	13.8	2.6	648	35.5	0.01	0.53	132	0.033	14	16.3
Q023138	0.34	0.05	1.42	36.4	431	1.88	93.7	4.23	3.87	0.06	<0.02	0.005	0.01	0.05	0.5	8.6	1.78	376	9.53	0.01	0.1	71.8	0.018	67.6	3.9
Q023139	0.72	0.22	4.01	31	302	4.12	38.9	4.64	6.94	0.08	<0.02	0.027	0.015	0.2	2.3	17.1	2.47	628	8.41	0.01	0.33	70.1	0.047	123	18.9
Q023140	0.29	0.07	1.73	22.1	375	1.03	14.3	4.71	4.78	0.07	<0.02	0.025	0.012	0.05	0.8	9.5	1.89	375	1.4	0.01	0.18	63.4	0.022	62.7	4.2
Q023141	0.31	0.11	1.76	23.2	376	1.03	15.55	4.76	5.35	0.07	<0.02	0.024	0.011	0.05	0.7	8.3	1.86	375	1.83	0.02	0.17	63.8	0.024	51.6	4.4
Q023142	0.37	0.16	2.09	45.3	553	2.33	38.1	5.75	4.01	0.07	0.02	0.01	0.008	0.11	0.9	8	2.07	531	0.89	0.01	<0.05	106	0.034	68	8.1
Q023143	0.29	0.24	2.79	37.5	438	1.76	44.9	4.74	4.63	0.07	<0.02	0.025	0.014	0.04	1.3	9.2	1.89	545	6.01	0.01	0.15	85.2	0.039	66.9	4.4
Q023144	0.75	0.16	2.34	35.1	346	2.32	80.8	4.93	6.19	0.07	<0.02	0.016	0.014	0.04	1.1	13.4	2.13	490	7.73	0.01	0.14	91.1	0.029	75.3	7.1
Q023201	0.68	0.08	6.92	16.5	142	0.87	61.1	3.1	7.96	<0.05	<0.02	0.015	0.014	0.02	3	10	1.66	465	0.99	0.02	0.64	29.8	0.045	4.28	2.7
Q023202	0.43	0.1	6.17	12.5	114	1.41	65	2.77	7.05	<0.05	<0.02	0.03	0.016	0.03	3	9	1.43	322	1.69	0.01	0.68	26.2	0.072	4.43	4.8
Q023203	0.9	0.06	3.14	29.4	193	2.13	111.5	3.88	8.52	0.1	0.02	0.006	0.013	0.2	1.5	12	3.19	829	0.27	0.01	0.13	57.5	0.107	1.71	13.2
Q023204	0.53	0.04	0.93	21.2	308	0.71	18.25	2.32	4.16	0.08	<0.02	0.009	0.006	0.02	0.4	9.2	2.11	326	0.26	0.01	0.11	44.4	0.033	2.15	2.1
Q023205	0.53	0.07	0.82	25.1	332	3.3	14	3.47	4.28	0.05	<0.02	0.006	0.007	0.16	0.3	9.4	2.06	465	0.27	0.01	<0.05	74.2	0.012	27.5	12.2
Q023206	0.7	0.12	1.61	29.8	327	4.36	40	4.06	5.4	0.08	0.02	0.008	0.007	0.35	0.7	14.2	2.54	531	0.45	0.01	<0.05	96.8	0.028	22.8	28.6
Q023207	0.33	0.1	1.3	39.4	321	1.73	25.5	3.6	4.68	0.07	0.02	0.014	0.01	0.08	0.4	10.8	3.22	760	1.11	0.01	0.05	81.5	0.018	16.7	6
Q023208	0.63	0.27	1.69	44.1	236	5.8	84.6	5.37	7.56	0.12	0.04	0.009	0.008	0.9	0.8	27.6	3.92	803	0.35	0.01	<0.05	113	0.026	31.4	48.7
Q023209	1.35	0.22	1.74	31.8	456	4.24	42.5	4.54	6.2	0.08	0.03	0.006	0.008	0.42	0.8	16.8	2.93	640	0.38	0.01	<0.05	110.5	0.033	38	34.7
Q023210	0.71	0.18	1.55	34.7	475	4.85	33.7	3.82	5.71	0.09	0.04	<0.005	0.008	0.25	0.7	14.5	3.15	575	0.2	0.01	<0.05	116.5	0.021	37.4	25.9
Q023211	0.69	0.32	1.86	40.7	603	5.15	77.3	5.07	5.47	0.1	0.05	0.012	0.01	0.27	0.9	13.3	3.35	771	1.01	0.01	<0.05	136.5	0.019	85.9	30.3
Q023212	0.7	3.31	1.62	37.2	499	4.26	66.2	4.51	5.4	0.09	0.02	0.009	0.01	0.19	0.7	12.8	3.08	709	1.4	0.01	<0.05	113.5	0.025	69.2	15.9
Q023213	0.97	0.19	2.38	39	639	4.9	51	5.1	5.5	0.09	0.03	0.01	0.012	0.25	1	13	3.23	814	0.72	0.01	0.05	122	0.046	83	31.6
Q023214	0.81	0.16	2.03	40	719	5.35	48	4.57	6.02	0.1	0.04	0.008	0.011	0.17	1	13.8	3.71	749	0.69	0.01	0.05	131	0.034	65.4	27.4
Q023215	1.09	0.21	1.78	33.2	550	3.33	50.1	4.46	4.47	0.07	0.05	0.006	0.008	0.2	0.8	10.5	2.57	581	0.59	0.01	<0.05	93.1	0.027	68.1	19.8
Q023216	0.52	0.25	3.2	10.8	288	1.28	20.8	2.73	6.2	<0.05	<0.02	0.02	0.01	0.03	1.6	4.1	0.96	343	5.32	0.01	0.24	24.3	0.065	17.6	8
Q023217	0.54	0.6	1.25	22.7	227	1.99	175.5	3.24	4.18	0.07	0.02	0.006	0.007	0.11	0.6	8.6	1.85	403	1.31	0.01	<0.05	47	0.028	42.2	9.8
Q023218	0.75	0.31	4.01	34.5	462	2.58	131	3.21	4.88	0.09	0.02	0.014	0.011	0.12	1.9	10.9	2.47	833	4.79	0.01	0.1	60.5	0.066	38.7	12.7
Q023219	0.72	0.14	3.98	36.5	544	2.88	176.5	3.36	4.31	0.09	0.04	0.008	0.012	0.18	1.8	10.5	2.54	650	5.27	0.01	<0.05	66.7	0.059	42.4	15.6
Q023220	0.66	0.1	6.46	23.4	69.2	1.31	123.5	4.77	8.17	0.05	0.02	0.02	0.016	0.05	3	10.4	1.89	652	1.08	0.02	0.58	29.6	0.136	2.86	4.6
Q023221	0.52	0.11	5.74	19.9	104	1.43	71.8	4.33	8.78	<0.05	<0.02	0.021	0.015	0.08	2.7	8.7	1.79	682	1.35	0.02	0.85	32.6	0.092	4.3	6.5
Q023222	0.58	0.12	5	23	95.5	1.32	98.6	4.62	8.17	<0.05	<0.02	0.025	0.018	0.05	2.4	9.6	1.85	620	1.38	0.02	0.67	31.5	0.1	3.32	5
Q023223	0.75	0.06	6.47	33.5	141	4.25	147.5	5.38	11.85	0.08	<0.02	0.012	0.026	0.4	3	14.3	2.96	1040	1.37	0.02	0.35	71.5	0.131	2.84	25.1
Q023224	0.46	0.06	6.47	11.5	55.4	2.03	42.8	3.25	8.81	<0.05	<0.02	0.036	0.015	0.05	3.2	7.1	1.24	410	1.22	0.02	0.85	16.1	0.063	4.86	9.2

Lab Sample ID	Re_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Q023001	<0.001	0.03	0.116	2.3	0.6	0.2	937	<0.01	0.07	0.1	0.101	0.07	0.14	113	0.22	2.19	39	<0.5
Q023002	0.001	0.05	0.072	6.7	0.5	<0.2	28.6	<0.01	0.09	0.1	0.066	0.12	0.07	70	0.32	1.35	24	<0.5
Q023003	<0.001	0.04	0.092	6.7	0.5	0.2	26.2	<0.01	0.11	0.1	0.1	0.1	0.1	91	0.39	1.51	38.1	<0.5
Q023004	<0.001	0.02	0.08	5.5	0.7	0.2	28	<0.01	0.08	0.1	0.101	0.07	0.12	77	0.34	1.21	30	<0.5
Q023005	0.002	0.04	0.12	6.3	1.2	<0.2	26.5	<0.01	0.16	0.1	0.089	0.18	0.07	67	0.29	1.55	23.4	0.7
Q023006	<0.001	0.01	0.044	3.1	0.3	<0.2	4.9	<0.01	0.04	0.1	0.05	0.1	0.11	85	0.05	1.3	41.9	<0.5
Q023007	0.001	<0.01	0.05	5	0.1	<0.2	4	<0.01	0.03	0.1	0.092	0.11	0.08	71	0.07	1.16	46.3	0.5
Q023008	<0.001	0.01	0.026	11.7	0.5	0.2	34.1	<0.01	0.06	0.3	0.218	0.23	0.2	200	0.16	7.08	84.3	0.5
Q023009	<0.001	0.01	0.049	5.9	0.6	<0.2	15.3	<0.01	0.05	0.1	0.214	0.17	0.06	323	0.16	1.32	62.3	<0.5
Q023010	<0.001	0.01	0.053	5.4	0.3	<0.2	21	<0.01	0.09	0.1	0.108	0.11	0.11	98	0.12	1.43	54.5	<0.5
Q023011	<0.001	0.01	0.069	3.6	0.2	0.2	8.5	<0.01	0.04	0.3	0.112	0.07	0.16	81	0.11	1.13	56.9	<0.5
Q023012	0.017	0.34	0.046	5.8	0.6	<0.2	13.6	<0.01	0.07	0.2	0.094	0.14	0.29	85	0.13	1.88	58.9	0.5
Q023013	<0.001	0.03	0.062	6.3	0.4	<0.2	17.6	<0.01	0.07	0.2	0.099	0.15	0.29	105	0.13	1.98	93.7	<0.5
Q023014	<0.001	<0.01	0.053	13.1	0.5	<0.2	18.6	<0.01	0.07	0.2	0.104	0.33	0.38	85	0.11	3.08	73	1.3
Q023015	0.001	0.01	0.062	7.6	0.8	0.2	12	<0.01	0.08	0.4	0.147	0.44	2.5	101	0.13	5.84	64.9	2.2
Q023016	<0.001	0.01	0.126	4	0.4	0.6	23.1	<0.01	0.08	0.3	0.252	0.04	0.23	253	0.29	1.11	30	0.6
Q023017	0.001	0.01	0.062	8.6	0.5	<0.2	31.8	<0.01	0.09	0.4	0.108	0.27	0.66	110	0.17	4.25	70.4	0.6
Q023018	0.001	0.03	0.11	5.6	0.8	0.2	82.7	<0.01	0.09	0.3	0.057	0.07	1.61	80	0.13	5.32	64.5	0.5
Q023019	<0.001	0.03	0.116	3	1.1	0.3	64.6	<0.01	0.07	0.1	0.085	0.06	0.36	113	0.22	4.01	44	<0.5
Q023020	<0.001	0.02	0.104	2.8	0.5	0.2	79.6	<0.01	0.05	0.1	0.087	0.02	0.24	108	0.18	3.86	44.3	<0.5
Q023021	<0.001	0.02	0.153	3	0.5	0.7	76.6	<0.01	0.08	0.2	0.161	0.04	0.3	127	0.31	2.67	34	<0.5
Q023022	<0.001	0.02	0.14	3.9	0.7	0.3	102	<0.01	0.11	0.2	0.157	0.04	0.32	152	0.3	3.72	45.6	<0.5
Q023023	<0.001	0.03	0.164	3.6	0.5	0.3	87	<0.01	0.09	0.2	0.144	0.04	0.29	147	0.29	3.1	41.3	<0.5
Q023024	<0.001	0.02	0.125	3.2	0.5	0.7	81.7	<0.01	0.08	0.2	0.119	0.05	0.28	95	0.3	2.38	41.2	<0.5
Q023025	0.001	0.02	0.106	13.2	1	0.3	122.5	<0.01	0.09	0.5	0.168	0.08	1.8	176	0.17	19.45	43.4	0.8
Q023026	<0.001	0.03	0.142	3.7	0.6	0.5	65.5	<0.01	0.12	0.1	0.139	0.05	0.28	190	0.24	2.47	35.2	<0.5
Q023027	<0.001	0.02	0.151	4.7	0.6	0.3	86.4	<0.01	0.11	0.3	0.128	0.04	0.29	129	0.29	2.68	51.4	<0.5
Q023028	0.001	0.04	0.15	3	0.3	0.3	95	<0.01	0.12	0.1	0.111	0.04	0.26	127	0.29	1.99	43.2	<0.5
Q023029	0.001	0.08	0.275	11.3	1.2	1.9	54.3	0.01	0.19	0.8	0.103	0.15	8.77	162	0.41	22.9	72.7	6.1
Q023030	0.001	0.04	0.144	4.6	1.2	0.3	99.3	<0.01	0.13	0.2	0.15	0.04	1.06	154	0.28	4.04	53.8	<0.5
Q023031	0.001	0.09	0.135	4.6	0.9	0.2	174	<0.01	0.11	0.2	0.063	0.06	3.1	131	0.17	4.71	51.8	<0.5
Q023032	0.001	0.04	0.129	2.8	0.6	0.4	176	<0.01	0.11	0.1	0.054	0.03	0.68	100	0.24	3.18	49.2	<0.5
Q023033	<0.001	0.06	0.187	1.6	0.4	0.3	115.5	<0.01	0.07	<0.1	0.055	0.03	0.36	109	0.19	2.52	39.9	<0.5
Q023034	<0.001	0.03	0.166	1.8	0.4	0.5	103.5	<0.01	0.09	0.1	0.088	0.03	0.34	115	0.25	3.08	41.9	<0.5
Q023035	<0.001	0.04	0.163	5.3	0.4	0.4	93.8	<0.01	0.34	0.2	0.117	0.07	0.46	149	0.31	4.64	55.8	<0.5
Q023036	<0.001	0.04	0.182	2.1	0.4	0.3	202	<0.01	0.23	<0.1	0.061	0.04	0.43	127	0.3	3.87	44.5	<0.5
Q023037	0.001	0.02	0.1	5.6	0.4	0.2	64.4	<0.01	0.14	1	0.069	0.04	0.56	86	0.25	5.32	42.7	0.9
Q023038	0.007	0.07	0.117	4.3	0.9	0.2	84.2	<0.01	0.1	0.2	0.053	0.04	3.63	86	0.17	7.76	52.1	<0.5
Q023039	0.003	0.02	0.174	7	0.8	0.3	60.5	<0.01	0.07	1.4	0.103	0.07	3.93	127	0.25	7.89	66.1	0.8
Q023040	0.004	0.04	0.142	7.4	1	0.3	114.5	<0.01	0.21	0.4	0.115	0.06	1.24	151	0.25	5.53	60	<0.5
Q023041	0.004	0.03	0.142	7.3	0.9	0.3	114.5	<0.01	0.25	0.6	0.113	0.06	1.31	144	0.25	5.89	56.8	<0.5
Q023042	0.001	0.03	0.098	3.8	0.4	0.3	61	<0.01	0.09	0.1	0.116	0.04	0.98	135	0.21	4.07	43.8	<0.5
Q023043	0.001	0.03	0.077	8.6	0.7	0.2	22.9	<0.01	0.09	0.1	0.094	0.21	0.59	111	0.14	2.87	52.9	<0.5
Q023044	0.001	0.07	0.321	2.5	0.9	0.3	31.3	<0.01	0.12	<0.1	0.035	0.03	0.25	137	0.35	2.58	51.1	<0.5
Q023045	0.001	0.12	0.207	5.2	1.2	0.3	39.5	<0.01	0.1	0.1	0.168	0.16	0.15	202	0.39	2.26	47	<0.5
Q023046	0.002	0.08	0.178	1.4	1.9	0.3	85.2	<0.01	0.19	<0.1	0.078	0.03	0.43	136	0.37	3.1	30.4	<0.5
Q023047	0.002	0.13	0.126	4.5	1.9	0.3	52.9	<0.01	0.06	0.5	0.181	0.08	0.29	144	0.37	3.35	38.3	0.5
Q023048	0.002	0.23	0.319	3.8	3.3	0.3	47	<0.01	0.12	0.3	0.09	0.04	0.49	196	0.44	3.48	37.9	<0.5
Q023049	<0.001	0.11	0.082	2.9	2.5	0.4	21	<0.01	0.07	0.1	0.2	0.09	0.16	248	0.29	1.95	34.8	<0.5
Q023050	0.004	0.06	0.16	5.6	1.6	0.3	44.9	<0.01	0.05	0.2	0.075	0.05	0.44	166	0.29	3.8	48.7	<0.5
Q023051	0.002	0.04	0.156	5.4	1.3	0.2	54.6	<0.01	0.08	0.3	0.095	0.04	0.26	97	0.45	2.65	41.5	<0.5
Q023052	<0.001	0.02	0.09	4.8	0.6	<0.2	15.4	<0.01	0.04	0.1	0.066	0.06	0.23	55	0.15	1.58	24.3	<0.5
Q023053	0.004	0.05	0.1	7.4	1.1	0.2	30	<0.01	0.05	0.1	0.068	0.09	0.27	106	0.16	2.07	42.6	<0.5
Q023054	0.002	0.04	0.09	6.8	0.9	0.2	22.9	<0.01	0.06	0.1	0.072	0.12	0.31	92	0.16	2.23	42.3	<0.5
Q023055	0.002	0.04	0.062	6.1	0.8	<0.2	23.4	<0.01	0.09	0.1	0.081	0.13	0.35	103	0.12	1.91	52.9	<0.5
Q023056	0.003	0.04	0.067	6.4	0.9	0.2	24.9	<0.01	0.07	0.1	0.083	0.13	0.36	109	0.13	2.24	47.7	<0.5
Q023057	0.001	0.02	0.061	7	0.5	0.2	21.7	<0.01	0.06	0.1	0.091	0.14	0.29	109	0.15	2.48	43.7	<0.5
Q023101	<0.001	0.01	0.045	8.1	0.3	<0.2	42.7	<0.01	0.09	0.2	0.145	0.39	0.12	135	0.18	3.41	54.5	1.9
Q023102	<0.001	0.01	0.033	6.3	0.2	<0.2	29.1	<0.01	0.03	0.1	0.126	0.42	0.2	99	0.09	3.56	55	1.7
Q023103	<0.001	0.01	0.042	3.3	0.1	<0.2	32.1	<0.01	<0.01	0.1	0.081	0.25	0.14	65	0.08	2.59	28.7	1.2
Q023104	<0.001	0.01	0.067	4.8	0.2	<0.2	49.2	<0.01	0.05	0.1	0.066	0.26	0.23	85	0.12	2.79	49.1	1.2
Q023105	0.001	0.04	0.088	8.7	0.2	<0.2	43.8	<0.01	0.1	0.3	0.08	0.3	0.28	89	0.31	3.08	108.5	2
Q023106	<0.001	0.01	0.047	4.4	0.2	<0.2	37.8	<0.01	0.05	0.1	0.087	0.38	0.14	76	0.06	2.71	39.8	1.1
Q023107	<0.001	0.02	0.049	6.4	<0.1	<0.2	28.4	<0.01	0.07	0.1	0.112	0.37	0.14	92	0.1	3.23	40.9	1.6
Q023108	<0.001	0.01	0.073	8	0.4	<0.2	17.8	<0.01	0.03	0.2	0.063	0.08	0.17	74	0.17	1.92	49.9	<0.5
Q023109	<0.001	0.02	0.097	6.4	0.3	0.3	34.8	<0.01	0.08	0.2	0.101	0.08	0.22	111	0.23	2.17	71.6	<0.5
Q023110	<0.001	0.03	0.102	8.1	0.7	0.3	99.8	<0.01	0.13	0.2	0.139	0.15	0.27	145	0.26	3.65	55.7	<0.5
Q023111	<0.001	0.06	0.141	1.9	0.4	0.3	145	<0.01	0.1	<0.1	0.081	0.06	0.26	103	0.19	1.89	56.8	<0.5
Q023112	<0.001	0.04	0.131	2.2	0.4	0.3	106.5	<0.01	0.1	<0.1	0.092	0.05	0.31	99	0.21	1.86	38.9	<0.5
Q023113	<0.001	0.05	0.21	2.2	0.5	0.3	107	<0.01	0.1	0.1	0.093	0.05	0.39	128	0.3	2.32	46.3	<0.5
Q023114	<0.001	0.03	0.185	2.6	0.5	0.3	107.5	<0.01	0.13	0.1	0.075	0.05	0.27	107	0.25	2.14	42.7	<0.5
Q023115	<0.001	0.02	0.137	5.3	0.7	0.2	203	<0.01	0.15	0.3	0.14	0.09	0.28	143	0.29	3.75	49.9	<0.5
Q023116	0.001	0.03	0.11	3.7	0.5	0.2	94	<0.01	0.14	0.1	0.124	0.07	0.25	124	0.23	2.53	47.2	<0.5
Q023117	<0.001	0.06	0.151	1.8	0.4	0.2	89.2	<0.01	0.13	0.1	0.06	0.07	0.3	122	0.21	2.51	54.9	<0.5
Q023118	<0.001	0.08	0.136	3.6	1	0.2	108.5	<0.01	0.21	0.1	0.059	0.06	1.21	121	0.2	3.14	46.8	<0.5
Q023119	<0.001	0.01	0.097	3.4	0.3	0.3	64.6	<0.01	0.07	0.1	0.129	0.04	0.21	123	0.28	2.64	26.7	<0.5
Q023120	<0.001	0.04	0.089	2.7	0.2	0.2	62.7	<0.01	0.11	0.1	0.059	0.04	0.66	107	0.28	4.85	37.8	<0.5
Q023121	<0.001	0.05	0.083	3.3	0.6	<0.2	62.7	<0.01	0.16	0.1	0.051	0.04	1.13	104	0.27	7.71	37.2	<0.5
Q023122	<0.001	0.08	0.135	5.1	0.9	0.2	105	<0.01	0.11	0.2	0.039	0.06	3.21	138	0.23	17	54.1	<0.5
Q023123	<0.001	0.04	0.115	4	0.7	<0.2	60.3	<0.01	0.34	0.1	0.081	0.04	1.96	138	0.23	11.9	41.3	<0.5
Q023124	0.002	0.02	0.1	6	1.2	<0.2	87.6	<0.01	0.11	0.3	0.119	0.06	1.05	146	0.22	7.66	48.2	<0.5
Q023125	0.001	0.04	0.068	2.5	0.3	0.2	75.5	<0.01	0.1	<0.1	0.096	0.04	0.48	130	0.29	2.24	41	<0.5
Q023126	0.014	0.07	0.146	4.4	2.1	0.2	80.4	<0.01	0.05	0.2	0.059	0.07	4.17	119	0.4	9.34	50.1	<0.5
Q023127	0.001	0.04	0.11	3.7	0.6	0.2	72	<0.01	0.05	0.2	0.086	0.03	0.98	129	0.26	4.45	54.4	<0.5
Q023128	0.001	0.03	0.087	7.5	0.4	<0.2	39	<0.01	0.07	0.2	0.085	0.07	0.63	99	0.15	4.31	64.3	<0.5
Q023129	<0.001	0.02	0.111	7.8	0.3	0.3	38.3	<0.01	0.02	0.1	0.19	0.03	0.12	140	0.36	1.86	33.6	<0.5
Q023130	0.001	0.03	0.111	6.5	0.3	0.2	33	<0.01	0.02	0.1	0.137	0.02	1.07	108	0.28	1.85	29.8	<0.5
Q023131	0.002	0.03	0.104	8.4	0.9	0.2	39.6	<0.01	0.07	0.1	0.208	0.22	0.13	165	0.37	2.17	36.3	<0.5
Q023132	0.001	0.03	0.11	6.5	0.4	0.3	50	<0.01	0.05	0.1	0.178	0.04	0.14	156	2.36	1.97	39.8	<0.5
Q023133	0.001	0.03	0.112	6.3	0.5	0.2	34.9	<0.01	0.07	0.1	0.14	0.14	0.11	132	0.34	1.4	35.9	<0.5
Q023134	0.001	0.02	0.112	7.7	0.5	0.2	38.5	<0.01	0.08	0.1	0.14	0.09	0.21	119	0.48	2.58	28.2	<0.5
Q023135	0.002	0.02	0.105	4.7	0.8	0.2	38.3	<0.01	0.09	0.2	0.127	0.04	0.19	98	0.44	1.45	41.5	<0.5
Q023136	0.002	0.02	0.085	4.5	0.5	<0.2	29.1	<0.01	0.06	0.1	0.077	0.06	0.09	78	0.22	1.18	17.9	<0.5
Q023137	0.003	0.07	0.173	10.7	0.7	0.3	24.8	<0.01	0.13	0.2	0.12	0.18	0.66	123	0.48	4.1	45.7	0.5
Q023138	<0.001	0.02	0.048	4.8	<0.1	<0.2	5.5	<0.01	0.07	0.1	0.079	0.04	0.19	80	0.1	1.24	36.4	<0.5
Q023139	<0.001	0.04	0.061	8.8	<0.1	0.2	29.7	<0.01	0.08	0.1	0.105	0.15	0.49	136	0.12	4.5	75.5	<0.5
Q023140	<0.001	0.01	0.05	4	0.1	<0.2	16.1	<0.01	0.05	0.1	0.119	0.04	0.16	103	0.14	1.25	47.9	<0.5
Q023141	<0.001	0.01	0.057	3.9	<0.1	<0.2	18.1	<0.01	0.08	0.1	0.125	0.03	0.14	110	0.15	1.17	46.8	<0.5
Q023142	<0.001	0.01	0.06	5.1	<0.1	<0.2	8.3	<0.01	0.05	0.2	0.078	0.12	0.11	109	0.1	2.06	45	0.5
Q023143	<0.001	0.02	0.065	5.1	0.5	<0.2	11.6	<0.01	0.08	0.1	0.068	0.08	0.36	104	0.12	2.36	61.6	<0.5
Q023144	<0.001	0.01	0.072	6.1	0.2	<0.2	21.3	<0.01	0.06	0.2	0.096	0.1	0.38	137	0.15	2.17	73.1	<0.5
Q023201	<0.001	0.02	0.191	5.8	0.2	0.3	92.7	<0.01	0.12	0.3	0.111	0.03	0.3	90	0.44	3.37	36.9	<0.5
Q023202	<0.001	0.05	0.102	2.6	0.1	0.4	81.9	<0.01	0.13	0.1	0.061	0.04	0.45	85	0.28	1.51	47.6	<0.5
Q023203	<0.001	<0.01	0.069	9	<0.1	<0.2	98.5	<0.01	0.07	0.3	0.115	0.07	0.2	124	0.14	3.58	47.4	0.7
Q023204	<0.001	0.02	0.053	2.7	<0.1	<0.2	23.1	<0.01	0.01	<0.1	0.073	<0.02	0.06	43	0.06	0.71	27.9	<0.5
Q023205	<0.001	0.01	0.037	5	<0.1	<0.2	3.9	<0.01	0.04	0.1	0.091	0.17	0.09	71	0.06	2.2	30.9	<0.5
Q023206	<0.001	0.01	0.035	5.2	0.3	<0.2	8.6	<0.01	0.06	0.1	0.114	0.25	0.12	93	0.08	3.12	39	0.6
Q023207	<0.001	0.01	0.047	5.9	<0.1	<0.2	4.2	<0.01	0.1	0.1	0.068	0.13	0.13	76	0.08	2	51.6	<0.5
Q023208	<0.001	<0.01	0.038	11	0.1	<0.2	25.1	<0.01	0.03	0.2	0.165	0.33	0.1	157	0.08	1.96	131	1.2
Q023209	<0.001	0.01	0.036	4.4	0.2	<0.2	27.5	<0.01	0.04	0.1	0.129	0.32	0.14	104	0.07	3.67	50.6	1
Q023210	<0.001	<0.01	0.042	4.1	<0.1	<0.2	15.4	<0.01	0.05	0.2	0.104	0.3	0.19	74	0.06	2.88	51.3	1.1
Q023211	0.001	0.01	0.06	6.2	0.1	<0.2	25.7	<0.01	0.07	0.2	0.095	0.39	0.22	93	0.17	3.25	66.9	1.1
Q023212	<0.001	0.01	0.047	5.7	0.1	<0.2	18.6	<0.01	0.08	0.1	0.098	0.29	0.18	94	0.09	2.47	112	0.6
Q023213	<0.001	0.01	0.049	6.2	<0.1	<0.2	13.5	<0.01	0.07	0.2	0.089	0.3	0.14	90	0.08	3.27	58.3	0.6
Q023214	<0.001	0.01	0.063	6.3	<0.1	<0.2	10.8	<0.01	0.07	0.2	0.094	0.28	0.19	85	0.08	2.9	68.7	0.7
Q023215	<0.001	0.02	0.062	4.9	0.1	<0.2	26.7	<0.01	0.06	0.2	0.087	0.26	0.17	80	0.11	2.56	47.2	1.3
Q023216	<0.001	0.05	0.111	2.8	<0.1	0.3	41.5	<0.01	0.08	<0.1	0.088	0.07	0.22	98	0.2	1.03	36.7	<0.5
Q023217	<0.001	0.02	0.068	5	<0.1	<0.2	18.4	<0.01	0.07	0.2	0.072	0.1	0.11	66	0.09	1.89	173	0.6
Q023218	0.001	0.05	0.082	5.9	0.6	<0.2	31.8	<0.01	0.16	0.4	0.072	0.18	0.54	66	0.12	3.45	56.3	0.7
Q023219	0.001	0.11	0.085	5.7	0.1	<0.2	23.1	<0.01	0.24	0.4	0.071	0.2	0.34	58	0.12	3.52	32.3	1.5
Q023220	<0.001	0.02	0.132	5.5	0.7	0.2	113.5	<0.01	0.09	0.3	0.129	0.04	0.25	151	0.22	4.3	57.6	<0.5
Q023221	<0.001	0.03	0.141	4.3	0.4	0.4	120.5	<0.01	0.1	0.2	0.115	0.06	0.26	139	0.21	2.51	51	<0.5
Q023222	<0.001	0.02	0.137	4.4	0.5	0.3	143.5	<0.01	0.13	0.2	0.102	0.04	0.23	141	0.23	2.63	52.1	<0.5
Q023223	<0.001	0.01	0.088	9.8	0.2	0.3	127	<0.01	0.11	0.4	0.218	0.19	0.31	222	0.21	4.68	66.8	<0.5
Q023224	<0.001	0.04	0.13	3.3	0.4	0.4	142	<0.01	0.09	0.1	0.142	0.06	0.41	127	0.23	2.61	38.5	<0.5

ABE PROPERTY	Soil Samples	UTM Datum Nad 83 Zone 10										
Lab Sample ID	Cert#	Field SampleID	UTM_ Easting	UTM_Northing	Primary Analyses	Other Analyses	Au_23AA (ppm)	Au_ppm	Ag_ppm	Al_%	As_ppm	B_ppm
Q023225	VA12181725	Q023225	328351	6248095	ME-MS41L	Au-AA23	0.006	0.0022	0.15	3.83	0.62	<10
Q023226	VA12181725	Q023226	328294	6248099	ME-MS41L	Au-AA23	0.017	0.0108	0.195	3.53	1.73	<10
Q023227	VA12181725	Q023227	328253	6248097	ME-MS41L	Au-AA23	0.012	0.0602	0.159	2.87	0.61	<10
Q023228	VA12181725	Q023228	328198	6248101	ME-MS41L	Au-AA23	0.018	0.0073	0.134	4.07	0.87	<10
Q023229	VA12181725	Q023229	328150	6248105	ME-MS41L	Au-AA23	0.024	0.0445	0.379	3.6	0.77	<10
Q023230	VA12181725	Q023230	328099	6248099	ME-MS41L	Au-AA23	<0.005	0.0007	0.046	2.72	0.87	<10
Q023231	VA12181725	q023231	328048	6248099	ME-MS41L	Au-AA23	0.02	0.0348	0.087	2.88	1.68	<10
Q023232	VA12181725	Q023232	327995	6248096	ME-MS41L	Au-AA23	0.012	0.0044	0.1	2.99	1.46	<10
Q023233	VA12181725	Q023233	327951	6248101	ME-MS41L	Au-AA23	0.011	0.0049	0.096	2.67	0.71	<10
Q023234	VA12181725	Q023234	328202	6248498	ME-MS41L	Au-AA23	0.01	0.0027	0.065	2.3	0.95	<10
Q023235	VA12181725	Q023235	328250	6248502	ME-MS41L	Au-AA23	0.017	0.0365	0.173	3.14	1.21	<10
Q023236	VA12181725	Q023236	328295	6248498	ME-MS41L	Au-AA23	0.016	0.0037	0.149	2.38	0.82	<10
Q023237	VA12181725	Q023237	328351	6248502	ME-MS41L	Au-AA23	0.016	0.0042	0.222	3.2	1.9	<10
Q023238	VA12181725	Q023238	328397	6248500	ME-MS41L	Au-AA23	0.008	0.145	0.093	2.8	1.2	<10
Q023239	VA12181725	Q023239	328443	6248496	ME-MS41L	Au-AA23	0.005	0.0013	0.098	2.45	0.98	<10
Q023240	VA12181725	Q023240	328494	6248495	ME-MS41L	Au-AA23	0.006	0.0034	0.158	2.59	1.19	<10
Q023241	VA12181725	Q023241	328550	6248497	ME-MS41L	Au-AA23	0.016	0.164	0.09	2.62	0.49	<10
Q023242	VA12181725	Q023242	328600	6248509	ME-MS41L	Au-AA23	0.04	0.0304	0.122	3.04	0.99	<10
Q023243	VA12181725	Q023243D	328600	6248505	ME-MS41L	Au-AA23	0.029	0.0091	0.151	3.14	1.03	<10
Q023244	VA12181725	Q023244	328651	6248500	ME-MS41L	Au-AA23	0.016	0.0101	0.078	2.52	0.97	<10
Q023245	VA12181725	Q023245	328699	6248500	ME-MS41L	Au-AA23	0.022	0.0048	0.133	2.36	0.65	<10
Q023246	VA12181725	Q023246	328751	6248500	ME-MS41L	Au-AA23	0.654	0.331	0.141	2.74	0.78	<10
Q023247	VA12181725	Q023247	328800	6248499	ME-MS41L	Au-AA23	0.066	0.0303	0.999	3.03	1.32	<10
Q023248	VA12181725	Q023248	328851	6248500	ME-MS41L	Au-AA23	0.008	0.0027	0.397	2.16	1.11	<10
Q023249	VA12181725	Q023249	328900	6248505	ME-MS41L	Au-AA23	<0.005	0.0042	0.27	1.74	1.72	<10
Q023250	VA12181725	Q023250	328940	6248502	ME-MS41L	Au-AA23	0.006	0.0029	0.406	3.67	2.22	<10
Q023251	VA12181725	Q023251	329001	6248496	ME-MS41L	Au-AA23	<0.005	0.0016	0.682	1.82	1.96	<10
Q023252	VA12181725	Q023252	329051	6248503	ME-MS41L	Au-AA23	<0.005	<0.0002	0.12	1.56	0.5	<10
Q023253	VA12181725	Q023253	329100	6248507	ME-MS41L	Au-AA23	<0.005	0.0007	0.322	2.6	0.51	<10
Q023254	VA12181725	Q023254	329152	6248499	ME-MS41L	Au-AA23	<0.005	0.0003	0.172	1.53	0.58	<10
Q023255	VA12181725	Q023255	329197	6248502	ME-MS41L	Au-AA23	<0.005	0.0003	0.114	1.21	0.26	<10
Q023256	VA12181725	Q023256	329256	6248502	ME-MS41L	Au-AA23	<0.005	0.0023	0.087	1.72	1.49	<10
Q023257	VA12181725	Q023257	329300	6248508	ME-MS41L	Au-AA23	<0.005	0.0011	0.121	1.51	1.5	<10
Q023258	VA12181725	Q023258	329350	6248501	ME-MS41L	Au-AA23	<0.005	0.0008	0.086	1.84	1.41	<10
Q023259	VA12181725	Q023259	329398	6248501	ME-MS41L	Au-AA23	<0.005	0.0023	0.2	1.69	1.85	<10
Q023260	VA12181725	Q023260	329451	6248502	ME-MS41L	Au-AA23	<0.005	0.0031	0.266	1.59	1.65	<10
Q023261	VA12181725	Q023261	329498	6248496	ME-MS41L	Au-AA23	<0.005	0.0021	0.132	2.58	0.87	<10
Q023262	VA12181725	Q023262D	329496	6248494	ME-MS41L	Au-AA23	<0.005	0.0017	0.128	2.29	1.07	<10
Q023263	VA12181725	Q023263	329554	6248503	ME-MS41L	Au-AA23	0.01	0.0098	0.389	1.93	2.09	<10
Q023264	VA12181725	Q023264	329601	6248504	ME-MS41L	Au-AA23	<0.005	0.0024	0.153	1.79	1.6	<10
Q023265	VA12181725	Q023265	329646	6248502	ME-MS41L	Au-AA23	0.013	0.0158	0.331	2.02	3.41	<10
Q023266	VA12181725	Q023266	329699	6248502	ME-MS41L	Au-AA23	0.008	0.0108	0.418	2.69	4.97	<10
Q023267	VA12181725	Q023267	329348	6249098	ME-MS41L	Au-AA23	0.1	0.0522	0.187	2.98	3.63	<10
Q023268	VA12181725	Q023268	329301	6249094	ME-MS41L	Au-AA23	0.037	0.0138	0.384	2.12	3.52	<10
Q023269	VA12181725	Q023269	329251	6249095	ME-MS41L	Au-AA23	0.016	0.536	0.217	2.07	2.59	<10
Q023321	VA12193436	Q023321	328049	6248099	ME-MS41L			0.0082	0.155	1.98	19.85	<10

Lab Sample ID	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_%	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppm	In_ppm	K_%
Q023225	275	0.16	0.23	1.16	0.11	3.6	19.4	68.2	0.92	213	3.67	7	<0.05	<0.02	0.038	0.015	0.05
Q023226	113.5	0.34	0.16	1.23	0.08	4.7	31.1	240	2.44	354	4.37	9.65	0.05	0.04	0.033	0.017	0.06
Q023227	136	0.1	0.21	0.77	0.08	3.99	15.3	64.3	0.98	35.4	4.41	9.31	0.11	<0.02	0.023	0.016	0.06
Q023228	254	0.16	0.11	1.65	0.08	4.25	18.5	25.5	0.91	153	4.14	6.77	0.09	<0.02	0.02	0.014	0.06
Q023229	149.5	0.28	0.1	0.81	0.1	4.9	14.1	30.4	1.02	89.7	3.83	8.01	0.1	<0.02	0.037	0.016	0.11
Q023230	102.5	0.22	0.02	1.1	0.04	5.7	19.5	27.2	1.99	368	3.43	7.19	0.11	<0.02	0.007	0.006	0.2
Q023231	97.7	0.4	0.13	0.98	0.05	13.55	24.6	140.5	1.43	201	4.16	7.96	0.12	0.04	0.02	0.019	0.07
Q023232	109.5	0.33	0.16	0.35	0.09	9.45	25.5	210	1.22	110	4.05	8.51	0.11	<0.02	0.009	0.019	0.06
Q023233	80.4	0.19	0.07	0.55	0.06	4.35	30.7	205	0.99	228	4.3	6.6	0.13	<0.02	0.01	0.011	0.08
Q023234	115.5	0.22	0.1	0.53	0.07	4.45	22.1	117	1.4	157.5	3.49	6.29	0.13	<0.02	0.023	0.019	0.17
Q023235	149	0.23	0.16	0.52	0.09	5.27	22.4	122	1.24	106	4.85	8.23	0.14	<0.02	0.026	0.021	0.07
Q023236	74.9	0.15	0.17	0.44	0.11	3.91	16.6	135	0.73	48.9	3.81	6.72	0.11	<0.02	0.039	0.017	0.05
Q023237	67.5	0.25	0.17	0.35	0.14	6.29	22.2	111	2.45	100	5.69	10.15	0.1	<0.02	0.022	0.031	0.09
Q023238	69.3	0.18	0.22	0.56	0.08	6.24	22.9	117	1.3	141.5	4.85	9.58	0.13	<0.02	0.009	0.019	0.1
Q023239	109.5	0.24	0.23	0.33	0.08	10.35	12.5	55.8	0.92	43.4	3.99	11.6	0.1	<0.02	0.019	0.02	0.07
Q023240	147.5	0.36	0.19	0.47	0.1	7.9	42.2	35.4	1.68	279	6.78	9.72	0.12	<0.02	0.04	0.026	0.18
Q023241	116	0.16	0.11	0.75	0.05	5.27	24.6	78.7	0.78	106.5	4.56	6.69	0.11	<0.02	0.015	0.015	0.1
Q023242	101.5	0.3	0.23	0.64	0.13	7.25	39	109	2.17	252	5.03	7.73	0.11	<0.02	0.03	0.019	0.08
Q023243	101.5	0.38	0.25	0.71	0.14	7.49	40.8	111.5	2.41	288	5.09	7.99	0.12	<0.02	0.028	0.02	0.08
Q023244	88.6	0.18	0.18	0.67	0.07	5.68	21.9	64.4	0.85	88.6	4.77	7.46	0.1	<0.02	0.009	0.017	0.07
Q023245	89.3	0.12	0.05	0.53	0.06	3.4	23.9	97.8	1.11	77.9	5.52	6.68	0.13	<0.02	0.02	0.008	0.17
Q023246	74.8	0.09	0.19	0.35	0.05	2.64	39.1	94.1	1.15	44.6	6.78	10.25	0.11	<0.02	0.019	0.012	0.1
Q023247	215	0.36	4.65	0.76	0.5	7.19	50.7	217	4.01	289	6.16	11.5	0.15	<0.02	0.024	0.037	0.08
Q023248	72.5	0.14	1.44	0.76	0.24	4.12	51.4	355	4.18	264	5.71	7.91	0.15	0.04	0.01	0.014	0.17
Q023249	25.2	0.07	1.11	0.36	0.28	1.92	28.2	303	1.78	46.1	4.67	6.24	0.13	<0.02	0.02	0.013	0.03
Q023250	116	0.09	0.45	0.84	1.46	2.92	110	641	4.82	103.5	6.89	7.18	0.18	0.02	0.044	0.025	0.29
Q023251	55.5	0.22	2.05	0.64	0.18	1.96	57.1	689	3.78	37.3	6.17	6.46	0.18	0.02	0.017	0.014	0.16
Q023252	57.6	0.1	0.54	0.47	0.1	2.52	38.7	421	2.62	27.7	4.94	4.43	0.12	<0.02	<0.005	0.011	0.16
Q023253	73.2	0.35	1.78	0.63	0.21	2.8	43.5	418	5.21	33.7	6.16	10.65	0.19	<0.02	0.01	0.012	0.61
Q023254	24.2	0.1	0.57	0.42	0.05	1.56	26.7	409	1.68	16.95	4.48	4.76	0.15	<0.02	0.005	0.01	0.06
Q023255	16.8	0.08	0.38	0.52	0.08	2.26	33.6	508	2.17	28.4	4.72	3.71	0.14	<0.02	0.014	0.008	0.07
Q023256	52.2	0.05	0.23	0.76	0.05	1.31	37.9	224	1.4	377	4.61	4.7	0.15	<0.02	<0.005	0.011	0.18
Q023257	48.7	<0.05	0.13	0.67	0.06	1.38	41.7	226	1.1	290	4.35	4.06	0.15	<0.02	0.007	0.012	0.26
Q023258	59.4	0.06	0.13	0.71	0.06	1.34	40.7	205	1.14	265	4.11	4.2	0.15	<0.02	<0.005	0.012	0.26
Q023259	56.6	0.07	0.33	0.64	0.06	1.62	44.9	218	1.48	407	4.96	4.67	0.15	<0.02	<0.005	0.013	0.29
Q023260	74.2	<0.05	0.2	0.79	0.11	1.47	52.8	194.5	1.24	448	4.49	4.34	0.16	<0.02	0.006	0.01	0.36
Q023261	98.6	0.27	0.07	0.71	0.07	0.7	35.5	289	2.81	405	3.91	6.01	0.17	<0.02	<0.005	0.008	0.68
Q023262	76.4	0.3	0.07	0.71	0.07	0.79	36	321	2.15	366	3.94	5.66	0.19	<0.02	<0.005	0.009	0.53
Q023263	55.7	0.06	0.14	0.72	0.15	1.76	83.8	222	3.72	1300	5.2	6.7	0.14	0.02	0.006	0.011	0.58
Q023264	41.9	<0.05	0.09	0.57	0.06	0.88	36.4	329	1.2	202	3.73	4.34	0.1	<0.02	0.007	0.011	0.19
Q023265	40.6	<0.05	0.38	0.45	0.06	1.35	47.6	247	1.7	655	4.98	4.48	0.09	0.02	<0.005	0.013	0.23
Q023266	132	0.21	0.18	0.73	0.17	2.72	86	137.5	1.61	902	6.15	5.88	0.14	<0.02	0.011	0.014	0.44
Q023267	34.3	0.29	0.62	0.3	0.17	5.25	61.5	104	1	1185	6.83	10.8	0.15	<0.02	0.03	0.02	0.09
Q023268	49.6	0.3	0.21	0.22	0.11	6.42	30	111.5	1.07	882	5.5	6.77	0.06	<0.02	0.027	0.019	0.08
Q023269	58.8	0.28	0.15	0.26	0.18	6.3	20.7	82	0.85	356	4	6.27	<0.05	<0.02	0.047	0.013	0.06
Q023321	62.8	0.17	0.12	1.17	0.19	6.78	23.7	55.7	0.81	94.6	6	6.13	0.07	0.06	0.044	0.016	0.04

Lab Sample ID	La_ppm	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Nb_ppm	Ni_ppm	P_%	Pb_ppm	Rb_ppm	Re_ppm	S_%	Sb_ppm
Q023225	1.7	7.4	1.45	483	1.29	0.06	0.31	26.8	0.111	2.19	3.8	<0.001	0.04	0.112
Q023226	2.7	14	2.48	1120	5.85	0.03	0.3	46.1	0.21	3.39	5	0.003	0.11	0.165
Q023227	2	4.9	1.37	445	1.04	0.03	0.38	20.9	0.086	3.87	5.4	<0.001	0.05	0.098
Q023228	2.1	6.5	1.25	539	1.51	0.11	0.25	15.4	0.092	2.03	3.7	<0.001	0.04	0.143
Q023229	2.5	8.1	1.33	636	0.74	0.03	0.59	12.3	0.109	2.08	6.8	<0.001	0.05	0.087
Q023230	2	14.5	1.68	604	0.71	0.02	0.43	15.7	0.121	0.74	6.5	<0.001	0.03	0.058
Q023231	5.1	12.3	2.22	741	2.06	0.02	1.93	35.8	0.097	5.14	4.4	0.001	0.04	0.135
Q023232	4.3	12.8	2.31	706	0.68	0.01	1.26	45.2	0.055	4.76	5	<0.001	0.02	0.119
Q023233	1.9	9.9	2.27	866	0.72	0.01	0.2	43.2	0.158	5.19	5.1	<0.001	0.02	0.095
Q023234	2.2	9.2	1.75	685	0.75	0.02	0.23	27.2	0.091	2.23	8.1	<0.001	0.04	0.098
Q023235	2.6	11.3	2.2	740	1.19	0.02	0.45	39.5	0.115	3.25	4.4	<0.001	0.02	0.088
Q023236	2.1	6.9	1.59	517	0.83	0.02	0.38	28.6	0.125	3.41	4.1	<0.001	0.03	0.074
Q023237	3	14.1	2.22	694	1.25	0.01	0.76	36.1	0.083	5.54	9.7	<0.001	0.03	0.193
Q023238	3	10.6	2.15	729	1.74	0.02	0.6	42.8	0.108	6.15	6.3	<0.001	0.03	0.127
Q023239	5.2	7.4	1.31	482	1.39	0.01	2.35	23.7	0.077	5.61	7.1	<0.001	0.03	0.138
Q023240	3.6	8.9	1.47	2820	3.15	0.01	0.33	14.3	0.274	5.16	18.6	0.001	0.09	0.122
Q023241	2.5	8.3	1.87	767	0.95	0.02	0.33	35.7	0.142	2.05	4.8	<0.001	0.02	0.075
Q023242	3.2	11.8	1.9	1000	1.9	0.02	0.28	40.8	0.103	7.51	6.2	<0.001	0.04	0.098
Q023243	3.5	12.7	1.95	1050	1.86	0.02	0.29	42	0.109	8.17	6.5	0.001	0.04	0.105
Q023244	2.7	7.9	1.59	698	0.94	0.02	0.43	27.2	0.148	4.92	5	<0.001	0.02	0.113
Q023245	1.6	12.8	1.67	904	0.94	0.01	0.22	26.2	0.133	2.24	8.6	0.001	0.02	0.078
Q023246	1.3	19.9	2.24	1020	1.28	0.01	0.2	28	0.058	10.65	6.6	<0.001	0.03	0.068
Q023247	4.3	19	3.74	1320	13.5	0.02	0.28	96.3	0.083	171.5	8.8	<0.001	0.05	0.087
Q023248	2.2	15.7	3.46	805	7.87	0.02	0.17	123.5	0.032	102.5	18.7	<0.001	0.02	0.076
Q023249	1	9.7	2.5	416	9.05	0.02	0.13	66.3	0.028	77.4	3.2	<0.001	0.03	0.074
Q023250	1.7	21	6.79	1700	3.5	0.01	<0.05	271	0.036	301	16.6	0.003	0.04	0.083
Q023251	1.1	14.3	4.06	893	1.93	0.01	0.07	212	0.016	156.5	13	<0.001	0.01	0.085
Q023252	1.1	8.5	2.45	611	0.75	0.02	0.08	88	0.03	47.6	8.3	<0.001	0.02	0.045
Q023253	0.9	17.7	3.56	779	19.65	0.02	0.11	102.5	0.022	132	33.3	0.001	0.02	0.047
Q023254	0.7	9.5	2.05	502	2.66	0.02	0.22	61.8	0.019	35.5	3.6	<0.001	0.01	0.048
Q023255	0.7	8.5	2.23	508	2.12	0.02	<0.05	95.8	0.01	27.2	3.9	<0.001	0.01	0.046
Q023256	0.6	11	2.28	386	18.95	0.02	0.07	90.5	0.025	7.77	11.4	0.004	0.04	0.1
Q023257	0.7	10	1.93	393	10.8	0.03	0.05	82.9	0.028	4.55	13.8	0.001	0.04	0.116
Q023258	0.6	12.9	2.38	427	9.56	0.03	0.07	89.8	0.028	3.93	12.5	0.002	0.04	0.104
Q023259	0.8	11	2.19	434	20.9	0.02	0.06	88.1	0.029	14.45	20.6	0.003	0.06	0.122
Q023260	0.8	10.3	2.1	412	15.95	0.02	0.09	91.6	0.047	6.07	20.6	0.005	0.12	0.104
Q023261	0.4	17.2	3.76	530	2.89	0.02	<0.05	129	0.016	2.2	29.2	<0.001	0.03	0.134
Q023262	0.4	15.6	3.29	494	3.22	0.02	<0.05	118	0.017	1.94	25	<0.001	0.03	0.147
Q023263	0.9	13.5	2.36	367	17.4	0.02	0.1	174.5	0.071	1.77	41.7	0.008	0.04	0.114
Q023264	0.4	14.6	2.26	410	3.72	0.02	<0.05	106.5	0.02	1.7	15.5	0.001	0.02	0.136
Q023265	0.5	15.2	2.28	419	26.5	0.02	0.07	124.5	0.036	2.19	16.1	0.001	0.05	0.232
Q023266	1.3	18	2.33	821	24.5	0.02	0.1	92.6	0.082	2.28	29.3	0.005	0.09	0.275
Q023267	2.5	16.2	2.4	999	11.35	0.01	0.11	100	0.109	3.25	9.6	0.001	0.06	0.159
Q023268	3.1	12.7	1.18	435	7.6	0.01	0.14	62.3	0.102	3.28	12.3	0.001	0.06	0.238
Q023269	3.1	10.7	0.91	775	2.65	0.01	0.26	39.6	0.157	3.15	12.2	0.001	0.07	0.171
Q023321	3.8	13.2	1.02	771	1.02	0.04	0.32	29.7	0.069	6.47	3.1	0.001	0.02	0.382

Lab Sample ID	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Q023225	2.5	0.6	0.2	423	<0.01	0.15	0.1	0.088	0.04	0.23	113	0.2	2.21	38.5	<0.5
Q023226	6.3	1.2	0.2	105.5	<0.01	0.12	0.2	0.058	0.07	3.4	145	0.22	5.67	61.9	0.9
Q023227	3	0.4	0.3	217	<0.01	0.12	0.1	0.13	0.04	0.25	144	0.34	2.38	42.8	<0.5
Q023228	3.1	0.6	0.2	365	<0.01	0.15	0.1	0.118	0.03	0.27	132	0.34	2.69	41.2	<0.5
Q023229	2.6	0.6	0.3	356	<0.01	0.1	<0.1	0.098	0.04	0.28	119	0.2	2.61	48.1	<0.5
Q023230	2.2	0.3	<0.2	88.9	<0.01	0.02	0.2	0.172	0.04	1.13	116	0.08	3.15	56.7	<0.5
Q023231	6.5	0.9	0.5	132	<0.01	0.07	0.6	0.101	0.04	1.17	113	0.21	4.4	53	1.4
Q023232	5.3	0.6	0.5	59.9	<0.01	0.1	0.4	0.144	0.06	0.33	109	0.29	3.51	51.1	0.7
Q023233	4.4	0.5	<0.2	82.7	<0.01	0.09	0.1	0.091	0.05	0.22	106	0.25	3.11	45.8	<0.5
Q023234	5.8	0.3	0.2	92	<0.01	0.07	0.1	0.106	0.07	0.22	112	0.18	2.47	48.2	<0.5
Q023235	6.3	0.5	0.2	78.9	<0.01	0.24	0.2	0.137	0.06	0.25	146	0.28	3.16	56.6	<0.5
Q023236	3	<0.1	0.2	51.8	<0.01	0.1	0.1	0.086	0.03	0.25	97	0.23	2.24	37.6	<0.5
Q023237	7.4	0.7	0.4	41.6	<0.01	0.12	0.2	0.158	0.07	0.27	182	0.29	2.95	59.7	<0.5
Q023238	5	0.4	0.3	50.8	<0.01	0.11	0.3	0.154	0.06	0.38	146	0.3	3.61	54.1	<0.5
Q023239	3.5	0.3	1	57.2	<0.01	0.08	0.4	0.15	0.05	0.55	123	0.28	3.48	46.7	<0.5
Q023240	4	0.9	0.3	52.6	<0.01	0.19	0.3	0.129	0.08	0.6	157	0.22	4.64	68.5	<0.5
Q023241	4.9	0.3	0.2	98.1	<0.01	0.07	0.3	0.135	0.04	0.22	138	0.27	3.71	43.7	<0.5
Q023242	4.5	0.6	0.2	128.5	<0.01	0.1	0.1	0.104	0.04	0.37	150	0.27	5.2	52	<0.5
Q023243	4.8	0.9	0.2	132	<0.01	0.14	0.1	0.108	0.05	0.43	150	0.31	5.76	54.4	<0.5
Q023244	4.5	0.5	0.2	86.4	<0.01	0.08	0.2	0.137	0.04	0.23	143	0.25	3.71	45.6	<0.5
Q023245	2.6	0.1	0.2	45.2	<0.01	0.08	0.2	0.185	0.06	0.22	176	0.23	2.7	64.6	<0.5
Q023246	3.7	0.3	0.2	43.5	<0.01	0.45	0.1	0.24	0.05	0.14	247	0.21	2.29	77.2	<0.5
Q023247	9.8	0.8	0.2	79.1	<0.01	0.39	0.5	0.141	0.17	1.61	198	0.65	6.92	117	<0.5
Q023248	8.5	0.3	<0.2	25.4	<0.01	0.08	0.6	0.135	0.23	0.59	143	0.16	3.71	84	1.3
Q023249	4.9	0.2	<0.2	18	<0.01	0.07	0.1	0.106	0.07	0.21	110	0.18	1.32	99.2	<0.5
Q023250	22.4	0.2	<0.2	22.3	<0.01	0.1	0.2	0.108	0.33	0.3	144	0.21	6.03	322	<0.5
Q023251	7.4	0.1	<0.2	9.8	<0.01	0.09	0.2	0.078	0.61	0.8	109	0.14	3.02	58	0.6
Q023252	5.9	0.2	<0.2	14.1	<0.01	0.06	0.1	0.105	0.12	0.12	95	0.14	2.09	46	<0.5
Q023253	8.6	0.3	<0.2	19.3	<0.01	0.12	0.2	0.197	0.35	0.39	173	0.13	2.35	83.8	<0.5
Q023254	5.6	0.1	<0.2	9.9	<0.01	0.04	0.1	0.135	0.04	0.14	99	0.15	1	44.3	<0.5
Q023255	6.4	0.1	<0.2	4.1	<0.01	0.04	0.1	0.078	0.07	0.16	80	0.08	1.52	37.9	<0.5
Q023256	7.9	0.5	<0.2	22.3	<0.01	0.07	0.1	0.133	0.09	0.1	96	0.37	1.79	31.2	<0.5
Q023257	7.6	0.4	<0.2	21.6	<0.01	0.06	0.1	0.139	0.1	0.1	102	0.44	1.83	24.8	<0.5
Q023258	7	0.5	<0.2	27.1	<0.01	0.06	<0.1	0.141	0.1	0.09	93	0.39	1.98	26.8	<0.5
Q023259	8.3	0.8	<0.2	23.4	<0.01	0.08	0.1	0.13	0.17	0.12	102	0.42	1.84	24.6	<0.5
Q023260	7	0.8	<0.2	24.2	<0.01	0.07	0.1	0.12	0.14	0.1	86	0.54	1.79	31.5	<0.5
Q023261	5.8	0.1	<0.2	41.5	<0.01	0.04	<0.1	0.13	0.13	0.09	64	0.49	0.86	36.1	<0.5
Q023262	5.8	0.3	<0.2	47.8	<0.01	0.05	<0.1	0.122	0.11	0.08	64	0.5	0.88	31	<0.5
Q023263	9.6	1.1	<0.2	13.7	<0.01	0.09	0.1	0.135	0.24	0.15	104	0.48	3.51	31.1	0.5
Q023264	7.4	0.4	<0.2	23.3	<0.01	0.05	0.1	0.111	0.09	0.05	83	0.26	1.5	28.4	<0.5
Q023265	10.6	1.4	<0.2	18.3	<0.01	0.16	0.1	0.127	0.15	0.29	85	0.36	2.69	28	0.5
Q023266	5.8	2.9	0.2	76	<0.01	0.15	0.2	0.23	0.16	0.15	165	0.65	2.67	88	0.5
Q023267	5.8	0.8	0.2	36.5	<0.01	0.63	0.1	0.106	0.06	0.31	204	0.91	4.47	66.6	<0.5
Q023268	2.4	0.9	0.2	34.6	<0.01	0.27	0.1	0.072	0.06	0.31	143	0.42	2.82	36.7	<0.5
Q023269	0.8	0.4	0.3	33.2	<0.01	0.1	<0.1	0.043	0.04	0.35	109	0.33	2.13	38.3	<0.5
Q023321	10.2	1.2	0.2	68.1	<0.01	0.05	0.4	0.083	0.02	0.26	226	0.16	10	65.8	1.3

ALS Canada Ltd.
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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

CERTIFICATE VA12181725

Project: Omineca
P.O. No.: ALS- CW12- 086
This report is for 181 Soil samples submitted to our lab in Vancouver, BC, Canada on 15- AUG- 2012.
The following have access to data associated with this certificate:

STEVE POTTS		

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
ME- MS41L	51 anal. aqua regia ICPMS	

To: COMMANDER RESOURCES LTD.
ATTN: STEVE POTTS
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

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.

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.002	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.02	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.05	ME-MS41L Bi ppm 0.01	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.01	ME-MS41L Ce ppm 0.02	ME-MS41L Co ppm 0.1	ME-MS41L Cr ppm 0.5
Q023001		0.52	0.014	0.0048	0.061	3.60	0.68	<10	375	0.17	0.06	1.03	0.06	3.30	15.0	21.1
Q023002		0.50	<0.005	0.0083	0.230	1.60	1.00	<10	42.1	0.05	0.08	0.71	0.08	1.24	48.1	265
Q023003		0.44	0.006	0.0019	0.128	1.76	1.13	<10	54.8	0.07	0.12	0.54	0.10	1.61	56.7	293
Q023004		0.50	<0.005	0.0026	0.106	1.76	0.95	<10	35.1	0.07	0.12	0.44	0.07	1.51	31.0	254
Q023005		0.50	0.005	0.0053	0.355	1.76	3.57	<10	66.8	0.05	0.16	0.47	0.09	0.87	56.4	259
Q023006		0.46	<0.005	0.0020	0.117	1.27	0.40	<10	13.8	<0.05	0.14	0.54	0.13	0.78	41.5	560
Q023007		0.48	<0.005	<0.0002	0.137	1.97	0.20	<10	143.5	0.09	0.08	0.54	0.09	1.37	34.1	401
Q023008		0.42	<0.005	0.0007	0.055	3.12	0.78	<10	143.0	0.17	0.05	0.77	0.11	6.92	32.5	90.1
Q023009		0.46	<0.005	<0.0002	0.131	2.31	0.44	<10	56.0	0.06	0.16	0.52	0.08	1.17	42.0	146.0
Q023010		0.44	<0.005	0.0021	0.084	2.09	0.73	<10	58.6	0.13	0.62	0.39	0.11	2.76	38.2	417
Q023011		0.42	0.020	0.0005	0.050	1.98	0.81	<10	24.9	0.16	0.23	0.20	0.07	3.65	31.4	521
Q023012		0.46	<0.005	0.0042	0.149	1.60	0.59	<10	54.9	0.13	0.50	0.52	0.13	1.35	34.0	562
Q023013		0.38	<0.005	<0.0002	0.088	2.01	0.80	<10	71.6	0.16	0.46	0.67	0.21	2.27	34.9	465
Q023014		0.56	<0.005	0.0018	0.114	2.78	0.61	<10	116.0	0.08	0.55	0.72	0.11	2.81	41.7	353
Q023015		0.52	<0.005	0.0027	0.550	2.09	0.82	<10	77.6	0.33	1.93	0.63	0.10	4.63	36.5	550
Q023016		0.40	<0.005	0.0036	0.583	1.09	0.65	<10	46.0	0.10	1.67	0.16	0.09	4.94	9.9	199.5
Q023017		0.42	0.023	0.0042	0.356	1.94	0.68	<10	91.9	0.24	1.03	0.63	0.13	3.46	41.2	425
Q023018		0.44	0.007	0.0020	0.121	1.83	0.86	<10	124.5	0.25	0.55	0.63	0.24	6.46	16.5	166.5
Q023019		0.50	0.006	0.0090	0.415	2.49	0.83	<10	93.4	0.21	0.25	0.40	0.08	7.57	18.8	85.6
Q023020		0.44	0.008	0.0030	0.199	2.78	0.75	<10	77.3	0.25	0.04	0.69	0.09	5.98	19.4	62.1
Q023021		0.40	0.009	0.0100	0.319	2.35	0.86	<10	63.4	0.13	0.28	0.38	0.11	7.02	12.4	51.5
Q023022		0.38	0.009	0.0020	0.375	3.01	0.85	<10	83.0	0.16	0.12	0.54	0.12	5.49	20.0	69.1
Q023023		0.32	0.006	0.0023	0.150	2.60	1.15	<10	109.0	0.15	0.16	0.36	0.06	5.49	14.7	112.0
Q023024		0.38	0.008	0.0193	0.136	2.76	1.13	<10	127.5	0.19	0.21	0.43	0.09	7.79	12.5	78.4
Q023025		0.44	0.009	0.0064	0.134	2.54	1.01	<10	106.5	0.59	0.21	0.77	0.03	5.11	26.4	87.6
Q023026		0.40	0.023	0.0060	0.427	2.20	1.25	<10	71.0	0.10	0.20	0.36	0.08	4.99	22.5	83.3
Q023027		0.44	0.020	0.0092	0.139	2.72	1.47	<10	89.7	0.16	0.24	0.47	0.09	5.98	20.1	71.0
Q023028		0.40	0.059	0.0238	0.225	2.25	1.15	<10	108.0	0.11	0.18	0.44	0.09	5.07	17.9	82.2
Q023029		0.34	0.067	0.0600	0.072	4.07	4.66	<10	74.7	0.81	0.34	0.44	0.21	39.7	39.8	237
Q023030		0.42	0.025	0.0091	0.083	3.16	2.34	<10	106.5	0.31	0.20	0.79	0.07	6.49	28.6	124.5
Q023031		0.30	0.025	0.0168	0.088	2.45	1.60	<10	116.5	0.25	0.22	1.22	0.10	6.11	25.9	119.0
Q023032		0.36	0.019	0.0061	0.058	2.71	1.43	<10	101.0	0.28	0.81	0.58	0.08	7.17	27.5	132.5
Q023033		0.30	0.025	0.0036	0.160	2.09	1.19	<10	101.5	0.20	0.24	0.49	0.10	8.23	19.6	129.5
Q023034		0.36	0.022	0.0111	0.307	1.78	1.05	<10	103.5	0.11	0.29	0.37	0.07	7.53	13.4	50.0
Q023035		0.40	0.054	0.0495	0.335	2.73	1.28	<10	138.5	0.40	0.62	0.44	0.07	7.70	28.7	125.5
Q023036		0.44	0.017	0.0079	0.118	2.43	0.94	<10	221	0.24	0.44	0.57	0.04	6.07	21.4	64.7
Q023037		0.40	0.062	0.189	0.219	1.69	0.65	<10	152.0	0.19	0.20	0.63	0.12	7.50	24.9	97.7
Q023038		0.32	0.028	0.0144	0.275	1.91	0.63	<10	131.0	0.20	0.23	1.56	0.12	5.87	18.5	96.6
Q023039		0.44	0.026	0.0122	0.171	2.18	1.93	<10	103.5	0.23	0.36	0.80	0.09	13.25	24.9	128.5
Q023040		0.30	0.049	0.0278	0.326	2.86	0.86	<10	125.0	0.32	0.22	1.03	0.06	7.44	23.8	72.6

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

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Cs ppm 0.05	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.01	ME-MS41L Ga ppm 0.05	ME-MS41L Ge ppm 0.05	ME-MS41L Hf ppm 0.02	ME-MS41L Hg ppm 0.005	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.2	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.01
Q023001		1.15	47.2	3.61	7.64	0.09	<0.02	0.021	0.012	0.11	1.6	8.4	1.34	435	0.52	0.07
Q023002		1.31	318	3.64	4.28	0.13	<0.02	0.007	0.008	0.23	0.8	10.8	1.99	371	4.53	0.02
Q023003		1.55	233	4.19	4.87	0.14	<0.02	0.010	0.012	0.13	0.9	10.7	2.00	848	6.44	0.02
Q023004		1.44	188.5	3.70	4.29	0.13	<0.02	0.016	0.011	0.10	0.8	10.8	1.87	387	6.52	0.02
Q023005		1.46	524	4.18	3.57	0.13	0.02	0.015	0.009	0.29	0.5	10.8	2.12	371	10.95	0.02
Q023006		3.09	189.0	5.41	4.74	0.13	<0.02	0.007	0.010	0.03	0.4	6.5	2.67	456	1.09	0.01
Q023007		5.26	33.3	3.88	5.02	0.15	0.02	0.011	0.013	0.20	0.5	18.4	3.00	672	0.24	0.02
Q023008		6.27	40.8	5.97	11.65	0.20	0.02	<0.005	0.020	0.68	3.2	31.9	3.30	1120	0.20	0.03
Q023009		4.13	36.0	8.44	9.03	0.17	<0.02	0.005	0.010	0.56	0.5	15.3	2.62	526	0.66	0.02
Q023010		3.79	24.3	4.20	6.00	0.13	<0.02	0.012	0.010	0.10	1.2	13.3	2.78	667	1.02	0.02
Q023011		3.36	22.9	3.92	5.58	0.11	<0.02	0.018	0.014	0.07	1.7	15.9	2.22	542	0.88	0.02
Q023012		3.32	35.5	3.78	5.48	0.13	0.02	0.007	0.009	0.10	0.6	12.4	2.56	294	12.25	0.02
Q023013		4.41	36.4	4.73	7.18	0.12	<0.02	0.018	0.014	0.10	1.1	13.7	3.04	735	7.75	0.02
Q023014		6.20	27.6	4.33	8.21	0.15	0.05	0.009	0.016	0.60	1.4	19.8	4.29	816	1.13	0.02
Q023015		8.06	59.5	4.66	9.66	0.17	0.06	0.026	0.011	0.71	2.4	16.5	3.23	652	2.87	0.01
Q023016		0.96	14.65	6.01	10.25	0.10	0.02	0.015	0.020	0.02	2.5	3.1	0.53	200	12.55	0.02
Q023017		4.96	93.4	4.59	7.01	0.16	0.02	0.007	0.015	0.09	1.7	14.9	3.01	808	5.31	0.02
Q023018		3.16	119.0	3.21	5.68	0.10	0.02	0.020	0.015	0.06	2.6	16.7	1.35	458	6.93	0.02
Q023019		1.39	60.1	3.93	7.98	0.11	<0.02	0.032	0.015	0.07	3.8	8.6	1.48	831	1.52	0.02
Q023020		0.91	123.0	3.86	6.04	0.11	<0.02	0.026	0.012	0.06	3.0	8.4	1.63	522	1.30	0.02
Q023021		1.20	65.0	3.65	10.30	0.09	<0.02	0.021	0.012	0.04	3.4	6.1	1.03	343	1.65	0.02
Q023022		1.16	96.2	4.67	9.14	0.10	<0.02	0.043	0.017	0.05	2.7	9.6	1.58	521	1.37	0.02
Q023023		1.25	54.8	4.47	9.46	0.10	<0.02	0.027	0.016	0.05	2.6	7.1	1.29	496	1.09	0.02
Q023024		1.21	49.8	3.31	9.43	0.09	<0.02	0.030	0.018	0.04	3.8	9.0	1.38	412	1.41	0.02
Q023025		3.19	476	4.86	9.44	0.14	0.03	0.018	0.024	0.16	6.2	12.8	2.36	922	2.76	0.02
Q023026		1.01	50.3	4.61	9.54	0.05	<0.02	0.024	0.017	0.04	2.4	6.4	1.34	552	1.48	0.01
Q023027		1.04	70.4	4.24	8.68	<0.05	<0.02	0.025	0.015	0.05	2.9	9.7	1.42	521	1.16	0.01
Q023028		1.33	55.1	4.12	8.26	0.05	<0.02	0.033	0.013	0.04	2.4	6.6	1.24	507	1.61	0.02
Q023029		4.80	1355	5.14	10.95	0.11	0.12	0.042	0.039	0.08	14.0	23.7	2.37	1610	9.60	0.01
Q023030		1.68	279	5.24	10.15	0.07	<0.02	0.015	0.016	0.15	3.0	15.9	2.37	787	1.75	0.02
Q023031		3.07	213	3.90	7.23	0.07	<0.02	0.024	0.015	0.10	3.0	11.8	1.89	882	1.73	0.02
Q023032		2.05	218	3.80	7.48	0.06	<0.02	0.020	0.018	0.09	3.4	11.0	1.76	787	1.74	0.01
Q023033		1.27	78.2	3.93	6.55	0.05	<0.02	0.039	0.013	0.05	3.5	9.3	1.34	561	1.46	0.02
Q023034		0.78	51.3	4.21	8.61	0.05	<0.02	0.031	0.011	0.06	3.6	5.0	0.90	500	1.54	0.01
Q023035		2.19	175.0	5.21	9.94	0.09	<0.02	0.018	0.023	0.11	3.4	11.3	2.11	1080	3.98	0.02
Q023036		1.88	161.5	4.48	8.11	0.06	<0.02	0.019	0.019	0.05	2.6	8.2	1.56	823	3.55	0.02
Q023037		1.25	155.5	3.52	5.27	0.08	0.03	0.019	0.012	0.11	3.5	7.7	1.41	799	3.08	0.01
Q023038		2.08	160.5	3.05	5.61	0.05	<0.02	0.044	0.013	0.06	3.4	12.1	1.39	669	6.35	0.02
Q023039		1.95	233	4.82	6.76	0.07	0.02	0.019	0.016	0.10	6.2	13.9	1.73	670	7.16	0.02
Q023040		2.07	195.0	5.07	9.53	0.08	<0.02	0.019	0.020	0.14	3.8	13.7	2.17	824	14.90	0.02

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

ALS Canada Ltd.
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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Nb ppm 0.05	ME-MS41L Ni ppm 0.1	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.01	ME-MS41L Rb ppm 0.1	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.1	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.2	ME-MS41L Sr ppm 0.2	ME-MS41L Ta ppm 0.01	ME-MS41L Te ppm 0.01	ME-MS41L Th ppm 0.1
Q023001		0.43	9.9	0.110	1.78	9.3	<0.001	0.03	0.116	2.3	0.6	0.2	937	<0.01	0.07	0.1
Q023002		0.05	86.8	0.032	1.92	21.7	0.001	0.05	0.072	6.7	0.5	<0.2	28.6	<0.01	0.09	0.1
Q023003		0.07	73.6	0.035	3.42	17.4	<0.001	0.04	0.092	6.7	0.5	0.2	26.2	<0.01	0.11	0.1
Q023004		0.06	60.5	0.024	2.88	7.8	<0.001	0.02	0.080	5.5	0.7	0.2	28.0	<0.01	0.08	0.1
Q023005		<0.05	97.2	0.017	2.48	17.4	0.002	0.04	0.120	6.3	1.2	<0.2	26.5	<0.01	0.16	0.1
Q023006		<0.05	159.5	0.012	8.26	3.4	<0.001	0.01	0.044	3.1	0.3	<0.2	4.9	<0.01	0.04	0.1
Q023007		<0.05	83.1	0.011	4.01	12.3	0.001	<0.01	0.050	5.0	0.1	<0.2	4.0	<0.01	0.03	0.1
Q023008		0.13	35.7	0.118	3.97	30.4	<0.001	0.01	0.026	11.7	0.5	0.2	34.1	<0.01	0.06	0.3
Q023009		<0.05	111.5	0.019	104.0	26.4	<0.001	0.01	0.049	5.9	0.6	<0.2	15.3	<0.01	0.05	0.1
Q023010		0.17	90.3	0.031	46.0	6.5	<0.001	0.01	0.053	5.4	0.3	<0.2	21.0	<0.01	0.09	0.1
Q023011		0.25	73.4	0.015	25.5	6.0	<0.001	0.01	0.069	3.6	0.2	0.2	8.5	<0.01	0.04	0.3
Q023012		<0.05	98.6	0.011	62.1	9.5	0.017	0.34	0.046	5.8	0.6	<0.2	13.6	<0.01	0.07	0.2
Q023013		0.10	110.5	0.030	42.2	13.8	<0.001	0.03	0.062	6.3	0.4	<0.2	17.6	<0.01	0.07	0.2
Q023014		<0.05	118.0	0.037	46.1	44.4	<0.001	<0.01	0.053	13.1	0.5	<0.2	18.6	<0.01	0.07	0.2
Q023015		0.28	108.5	0.033	172.0	59.5	0.001	0.01	0.062	7.6	0.8	0.2	12.0	<0.01	0.08	0.4
Q023016		1.60	19.5	0.021	50.1	3.6	<0.001	0.01	0.126	4.0	0.4	0.6	23.1	<0.01	0.08	0.3
Q023017		0.08	101.5	0.027	83.8	11.2	0.001	0.01	0.062	8.6	0.5	<0.2	31.8	<0.01	0.09	0.4
Q023018		0.48	32.6	0.058	12.30	8.2	0.001	0.03	0.110	5.6	0.8	0.2	82.7	<0.01	0.09	0.3
Q023019		0.40	35.0	0.133	7.41	9.7	<0.001	0.03	0.116	3.0	1.1	0.3	64.6	<0.01	0.07	0.1
Q023020		0.28	35.5	0.133	1.43	3.2	<0.001	0.02	0.104	2.8	0.5	0.2	79.6	<0.01	0.05	0.1
Q023021		1.33	21.1	0.068	6.38	6.3	<0.001	0.02	0.153	3.0	0.5	0.7	76.6	<0.01	0.08	0.2
Q023022		0.60	32.0	0.105	3.59	5.1	<0.001	0.02	0.140	3.9	0.7	0.3	102.0	<0.01	0.11	0.2
Q023023		0.63	28.1	0.089	4.09	5.9	<0.001	0.03	0.164	3.6	0.5	0.3	87.0	<0.01	0.09	0.2
Q023024		1.55	32.1	0.050	7.17	5.9	<0.001	0.02	0.125	3.2	0.5	0.7	81.7	<0.01	0.08	0.2
Q023025		0.32	30.8	0.073	31.7	9.7	0.001	0.02	0.106	13.2	1.0	0.3	122.5	<0.01	0.09	0.5
Q023026		0.90	28.1	0.079	4.22	5.1	<0.001	0.03	0.142	3.7	0.6	0.5	65.5	<0.01	0.12	0.1
Q023027		0.47	26.4	0.078	4.93	5.1	<0.001	0.02	0.151	4.7	0.6	0.3	86.4	<0.01	0.11	0.3
Q023028		0.40	27.4	0.092	3.65	6.0	0.001	0.04	0.150	3.0	0.3	0.3	95.0	<0.01	0.12	0.1
Q023029		6.21	49.0	0.132	7.41	8.5	0.001	0.08	0.275	11.3	1.2	1.9	54.3	0.01	0.19	0.8
Q023030		0.59	59.0	0.123	2.91	8.8	0.001	0.04	0.144	4.6	1.2	0.3	99.3	<0.01	0.13	0.2
Q023031		0.37	28.0	0.148	5.11	7.6	0.001	0.09	0.135	4.6	0.9	0.2	174.0	<0.01	0.11	0.2
Q023032		0.54	36.3	0.147	6.50	7.2	0.001	0.04	0.129	2.8	0.6	0.4	176.0	<0.01	0.11	0.1
Q023033		0.26	38.7	0.083	4.07	7.1	<0.001	0.06	0.187	1.6	0.4	0.3	115.5	<0.01	0.07	<0.1
Q023034		0.55	17.0	0.101	4.14	9.3	<0.001	0.03	0.166	1.8	0.4	0.5	103.5	<0.01	0.09	0.1
Q023035		0.43	70.4	0.109	20.6	9.8	<0.001	0.04	0.163	5.3	0.4	0.4	93.8	<0.01	0.34	0.2
Q023036		0.16	41.4	0.100	17.65	4.8	<0.001	0.04	0.182	2.1	0.4	0.3	202	<0.01	0.23	<0.1
Q023037		0.20	27.7	0.124	8.80	5.2	0.001	0.02	0.100	5.6	0.4	0.2	64.4	<0.01	0.14	1.0
Q023038		0.29	28.7	0.116	5.80	6.9	0.007	0.07	0.117	4.3	0.9	0.2	84.2	<0.01	0.10	0.2
Q023039		0.56	40.2	0.073	9.29	10.5	0.003	0.02	0.174	7.0	0.8	0.3	60.5	<0.01	0.07	1.4
Q023040		0.35	37.0	0.129	5.40	10.4	0.004	0.04	0.142	7.4	1.0	0.3	114.5	<0.01	0.21	0.4

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Ti % 0.001	ME-MS41L Tl ppm 0.02	ME-MS41L U ppm 0.05	ME-MS41L V ppm 1	ME-MS41L W ppm 0.01	ME-MS41L Y ppm 0.05	ME-MS41L Zn ppm 0.1	ME-MS41L Zr ppm 0.5
Q023001		0.101	0.07	0.14	113	0.22	2.19	39.0	<0.5
Q023002		0.066	0.12	0.07	70	0.32	1.35	24.0	<0.5
Q023003		0.100	0.10	0.10	91	0.39	1.51	38.1	<0.5
Q023004		0.101	0.07	0.12	77	0.34	1.21	30.0	<0.5
Q023005		0.089	0.18	0.07	67	0.29	1.55	23.4	0.7
Q023006		0.050	0.10	0.11	85	0.05	1.30	41.9	<0.5
Q023007		0.092	0.11	0.08	71	0.07	1.16	46.3	0.5
Q023008		0.218	0.23	0.20	200	0.16	7.08	84.3	0.5
Q023009		0.214	0.17	0.06	323	0.16	1.32	62.3	<0.5
Q023010		0.108	0.11	0.11	98	0.12	1.43	54.5	<0.5
Q023011		0.112	0.07	0.16	81	0.11	1.13	56.9	<0.5
Q023012		0.094	0.14	0.29	85	0.13	1.88	58.9	0.5
Q023013		0.099	0.15	0.29	105	0.13	1.98	93.7	<0.5
Q023014		0.104	0.33	0.38	85	0.11	3.08	73.0	1.3
Q023015		0.147	0.44	2.50	101	0.13	5.84	64.9	2.2
Q023016		0.252	0.04	0.23	253	0.29	1.11	30.0	0.6
Q023017		0.108	0.27	0.66	110	0.17	4.25	70.4	0.6
Q023018		0.057	0.07	1.61	80	0.13	5.32	64.5	0.5
Q023019		0.085	0.06	0.36	113	0.22	4.01	44.0	<0.5
Q023020		0.087	0.02	0.24	108	0.18	3.86	44.3	<0.5
Q023021		0.161	0.04	0.30	127	0.31	2.67	34.0	<0.5
Q023022		0.157	0.04	0.32	152	0.30	3.72	45.6	<0.5
Q023023		0.144	0.04	0.29	147	0.29	3.10	41.3	<0.5
Q023024		0.119	0.05	0.28	95	0.30	2.38	41.2	<0.5
Q023025		0.168	0.08	1.80	176	0.17	19.45	43.4	0.8
Q023026		0.139	0.05	0.28	190	0.24	2.47	35.2	<0.5
Q023027		0.128	0.04	0.29	129	0.29	2.68	51.4	<0.5
Q023028		0.111	0.04	0.26	127	0.29	1.99	43.2	<0.5
Q023029		0.103	0.15	8.77	162	0.41	22.9	72.7	6.1
Q023030		0.150	0.04	1.06	154	0.28	4.04	53.8	<0.5
Q023031		0.063	0.06	3.10	131	0.17	4.71	51.8	<0.5
Q023032		0.054	0.03	0.68	100	0.24	3.18	49.2	<0.5
Q023033		0.055	0.03	0.36	109	0.19	2.52	39.9	<0.5
Q023034		0.088	0.03	0.34	115	0.25	3.08	41.9	<0.5
Q023035		0.117	0.07	0.46	149	0.31	4.64	55.8	<0.5
Q023036		0.061	0.04	0.43	127	0.30	3.87	44.5	<0.5
Q023037		0.069	0.04	0.56	86	0.25	5.32	42.7	0.9
Q023038		0.053	0.04	3.63	86	0.17	7.76	52.1	<0.5
Q023039		0.103	0.07	3.93	127	0.25	7.89	66.1	0.8
Q023040		0.115	0.06	1.24	151	0.25	5.53	60.0	<0.5

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VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt kg 0.02	Au- AA23 Au ppm 0.005	ME- MS41L Au ppm 0.0002	ME- MS41L Ag ppm 0.002	ME- MS41L Al % 0.01	ME- MS41L As ppm 0.02	ME- MS41L B ppm 10	ME- MS41L Ba ppm 0.5	ME- MS41L Be ppm 0.05	ME- MS41L Bi ppm 0.01	ME- MS41L Ca % 0.01	ME- MS41L Cd ppm 0.01	ME- MS41L Ce ppm 0.02	ME- MS41L Co ppm 0.1	ME- MS41L Cr ppm 0.5
Q023041		0.48	0.062	0.0340	0.370	2.68	0.93	<10	127.0	0.29	0.21	0.92	0.07	8.11	23.8	68.1
Q023042		0.42	0.024	0.0151	0.092	2.26	0.76	<10	93.4	0.20	0.32	0.50	0.08	6.12	21.4	86.6
Q023043		0.32	<0.005	0.0039	0.458	1.70	0.53	<10	53.5	0.12	1.21	0.74	0.10	1.99	35.5	308
Q023044		0.38	0.014	0.0055	0.319	2.55	4.11	<10	50.2	0.21	0.20	0.29	0.25	5.14	34.4	147.0
Q023045		0.52	0.011	0.0102	0.349	3.26	2.47	<10	105.5	0.15	0.13	0.41	0.06	3.33	40.6	394
Q023046		0.32	0.014	0.0509	0.319	2.17	3.91	<10	72.0	0.31	0.35	0.23	0.08	7.34	53.9	155.5
Q023047		0.32	0.013	0.0047	0.109	2.73	3.17	<10	98.0	0.33	0.16	0.15	0.13	8.33	177.5	299
Q023048		0.38	0.021	0.0201	0.701	3.09	6.05	<10	99.3	0.37	0.15	0.15	0.11	16.35	48.1	180.5
Q023049		0.44	0.011	0.0105	0.301	4.08	1.84	<10	53.8	0.26	0.06	0.13	0.05	3.54	87.4	827
Q023050		0.40	0.005	0.0031	0.257	2.22	1.73	<10	58.3	0.22	0.16	0.76	0.09	6.70	41.2	184.0
Q023051		0.38	0.008	0.0036	0.089	2.08	2.44	<10	45.7	0.26	0.32	0.81	0.10	8.26	30.6	168.5
Q023052		0.58	<0.005	0.0015	0.166	1.19	0.66	<10	16.8	0.11	0.73	0.63	0.08	2.11	36.0	292
Q023053		0.44	<0.005	0.0025	0.205	1.42	0.63	<10	28.0	0.11	0.45	0.83	0.14	2.25	36.9	259
Q023054		0.46	<0.005	0.0020	0.269	1.35	0.48	<10	33.2	0.09	0.67	0.72	0.14	2.23	37.5	330
Q023055		0.32	<0.005	0.0017	0.305	1.48	0.41	<10	52.5	0.10	1.28	0.90	0.16	1.62	39.2	318
Q023056		0.38	<0.005	0.0012	0.414	1.42	0.43	<10	61.3	0.10	1.16	0.90	0.18	1.55	33.6	364
Q023057		0.50	<0.005	0.0025	0.273	1.34	0.47	<10	40.7	0.11	1.05	0.59	0.15	1.84	36.8	356
Q023101		0.58	<0.005	0.0007	0.332	2.17	0.95	<10	501	0.12	0.91	1.22	0.20	1.88	38.3	268
Q023102		0.52	<0.005	<0.0002	0.086	1.78	0.41	<10	107.0	0.17	0.19	1.28	0.14	1.76	33.6	387
Q023103		0.44	<0.005	0.0012	0.058	0.98	0.31	<10	62.6	0.10	0.13	1.90	0.10	1.26	24.2	545
Q023104		0.54	<0.005	<0.0002	0.286	0.95	0.61	<10	95.8	0.13	0.48	2.84	0.39	1.72	36.8	730
Q023105		0.72	0.155	0.0889	0.976	1.32	0.69	<10	160.0	0.21	1.63	2.36	0.65	2.88	41.1	632
Q023106		0.50	<0.005	0.0013	0.154	1.41	0.61	<10	73.8	0.08	0.29	2.71	0.16	1.41	40.5	605
Q023107		0.56	<0.005	0.0102	0.213	1.54	0.48	<10	86.8	0.13	0.51	2.05	0.19	1.50	33.6	538
Q023108		0.42	<0.005	0.0025	0.110	1.87	1.24	<10	59.7	0.07	0.28	0.55	0.10	1.91	42.9	358
Q023109		0.52	<0.005	0.0012	0.119	1.81	1.13	<10	72.1	0.19	0.67	0.39	0.18	4.50	37.6	338
Q023110		0.40	0.043	0.0212	0.083	3.05	0.98	<10	104.0	0.32	0.29	0.63	0.08	5.80	27.1	167.0
Q023111		0.42	0.016	0.0030	0.104	2.12	0.85	<10	182.5	0.17	0.18	0.62	0.13	5.36	20.4	107.0
Q023112		0.48	0.018	0.0152	0.139	1.94	0.95	<10	125.0	0.12	0.22	0.60	0.08	6.58	13.3	102.5
Q023113		0.42	0.008	0.0015	0.158	2.15	1.60	<10	131.0	0.17	0.28	0.49	0.11	11.85	16.6	95.4
Q023114		0.38	0.072	0.0072	0.177	1.98	1.51	<10	111.0	0.17	0.23	0.50	0.07	7.35	19.2	75.8
Q023115		0.52	0.021	0.0108	0.184	3.17	0.70	<10	289	0.30	0.16	0.76	0.05	5.07	28.4	79.8
Q023116		0.46	0.033	0.0072	0.181	2.20	0.56	<10	151.5	0.18	0.19	0.50	0.05	3.46	24.0	49.9
Q023117		0.36	0.042	0.0078	0.151	2.32	1.17	<10	151.0	0.27	0.18	0.47	0.07	6.66	21.6	62.8
Q023118		0.32	0.054	0.0172	0.124	2.53	1.27	<10	128.0	0.26	0.40	1.07	0.10	5.17	24.6	139.0

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Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME- MS41L Cs ppm 0.05	ME- MS41L Cu ppm 0.01	ME- MS41L Fe % 0.01	ME- MS41L Ga ppm 0.05	ME- MS41L Ge ppm 0.05	ME- MS41L Hf ppm 0.02	ME- MS41L Hg ppm 0.005	ME- MS41L In ppm 0.005	ME- MS41L K % 0.01	ME- MS41L La ppm 0.2	ME- MS41L Li ppm 0.1	ME- MS41L Mg % 0.01	ME- MS41L Mn ppm 1	ME- MS41L Mo ppm 0.01	ME- MS41L Na % 0.01
Q023041		2.15	184.5	4.88	9.17	0.10	<0.02	0.018	0.021	0.16	3.8	13.8	2.02	760	9.41	0.02
Q023042		1.61	103.5	4.17	6.94	0.06	<0.02	0.013	0.015	0.08	2.8	9.3	1.45	648	2.96	0.02
Q023043		3.37	115.5	4.45	5.61	0.08	<0.02	0.014	0.010	0.12	1.0	12.7	2.30	521	69.8	0.02
Q023044		0.75	613	5.32	7.83	<0.05	<0.02	0.046	0.027	0.05	2.6	14.1	1.36	524	8.81	0.01
Q023045		1.86	599	7.09	8.99	0.10	<0.02	0.007	0.012	0.53	1.7	20.8	3.28	611	30.4	0.02
Q023046		0.64	1070	5.31	8.24	0.06	<0.02	0.021	0.013	0.04	4.3	9.2	1.05	806	16.90	0.01
Q023047		1.04	1650	5.32	7.95	0.14	<0.02	0.016	0.013	0.25	4.4	15.9	2.02	968	13.90	0.01
Q023048		0.85	1450	7.90	10.05	0.07	<0.02	0.029	0.020	0.08	8.9	14.2	1.31	413	7.77	0.03
Q023049		2.00	1750	6.69	10.85	0.22	<0.02	0.021	0.009	0.27	2.0	24.6	4.06	417	2.93	0.01
Q023050		1.67	351	5.34	5.71	0.05	<0.02	0.022	0.015	0.07	4.1	18.3	1.74	485	40.8	0.02
Q023051		1.56	160.0	4.27	6.30	0.06	<0.02	0.011	0.014	0.08	3.2	22.9	1.96	407	27.1	0.02
Q023052		1.34	61.0	3.59	3.27	0.07	<0.02	0.016	0.008	0.07	0.7	10.5	1.78	366	8.52	0.01
Q023053		1.70	71.8	4.78	3.83	0.08	<0.02	0.028	0.007	0.07	1.0	10.6	1.80	520	20.7	0.02
Q023054		2.04	92.3	4.58	4.12	0.08	<0.02	0.024	0.011	0.09	1.0	11.4	1.83	463	14.80	0.02
Q023055		2.40	65.8	4.54	5.31	0.09	<0.02	0.020	0.009	0.10	0.7	10.4	2.16	594	9.84	0.01
Q023056		2.52	79.9	4.87	5.01	0.09	<0.02	0.014	0.007	0.09	0.8	11.0	2.03	485	10.40	0.02
Q023057		2.68	95.4	4.93	4.67	0.07	<0.02	0.017	0.008	0.09	0.9	10.5	1.95	498	9.11	0.02
Q023101		3.72	40.7	4.99	7.09	0.16	0.07	<0.005	0.012	0.65	0.9	21.5	3.28	677	0.84	0.02
Q023102		3.73	38.5	4.48	6.36	0.16	0.06	<0.005	0.008	0.61	0.7	16.4	3.01	579	0.09	0.01
Q023103		2.26	24.9	4.19	3.30	0.12	0.04	<0.005	<0.005	0.36	0.5	8.6	1.77	392	0.14	0.01
Q023104		2.88	39.3	5.76	3.37	0.14	0.05	<0.005	0.010	0.28	0.7	8.5	2.06	617	0.47	0.01
Q023105		3.44	95.1	5.45	4.22	0.15	0.07	<0.005	0.016	0.27	1.4	9.9	2.74	855	2.91	0.01
Q023106		4.06	65.2	4.70	4.42	0.15	0.04	<0.005	0.007	0.44	0.6	9.1	2.81	517	0.63	0.01
Q023107		3.82	49.4	4.47	4.91	0.16	0.06	<0.005	0.010	0.44	0.6	11.1	2.66	623	0.49	0.01
Q023108		3.10	49.6	3.94	4.74	0.13	<0.02	0.005	0.012	0.05	0.8	11.2	3.05	616	0.88	0.02
Q023109		2.08	60.8	4.80	6.03	0.12	<0.02	0.010	0.018	0.04	1.8	10.2	2.18	734	1.31	0.02
Q023110		2.79	185.5	4.07	9.26	0.14	<0.02	0.012	0.020	0.15	2.4	13.8	2.26	952	1.50	0.02
Q023111		1.18	63.3	3.23	6.85	0.10	<0.02	0.015	0.013	0.08	2.4	7.0	0.99	1330	1.16	0.02
Q023112		0.91	52.7	3.14	6.19	0.10	<0.02	0.022	0.011	0.06	2.7	6.1	0.91	448	1.07	0.02
Q023113		0.94	65.5	4.39	7.05	0.10	<0.02	0.032	0.014	0.05	4.2	8.7	0.95	705	1.71	0.02
Q023114		0.91	94.7	3.58	6.18	0.10	<0.02	0.027	0.014	0.06	3.3	7.7	1.13	396	2.66	0.02
Q023115		1.76	289	4.48	8.16	0.12	<0.02	0.011	0.014	0.19	2.3	10.4	1.86	1040	2.02	0.03
Q023116		1.12	165.5	3.99	7.79	0.12	<0.02	0.024	0.013	0.17	1.6	7.8	1.52	771	3.44	0.01
Q023117		1.01	136.5	3.92	6.69	0.10	<0.02	0.025	0.013	0.11	3.1	9.9	1.47	1020	1.52	0.01
Q023118		2.42	182.5	3.46	7.05	0.12	<0.02	0.013	0.016	0.10	2.5	12.2	1.74	711	5.62	0.02

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

ALS Canada Ltd.
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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Nb ppm 0.05	ME-MS41L Ni ppm 0.1	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.01	ME-MS41L Rb ppm 0.1	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.1	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.2	ME-MS41L Sr ppm 0.2	ME-MS41L Ta ppm 0.01	ME-MS41L Te ppm 0.01	ME-MS41L Th ppm 0.1
Q023041		0.32	35.0	0.132	4.93	10.6	0.004	0.03	0.142	7.3	0.9	0.3	114.5	<0.01	0.25	0.6
Q023042		0.36	27.4	0.076	7.88	6.3	0.001	0.03	0.098	3.8	0.4	0.3	61.0	<0.01	0.09	0.1
Q023043		0.10	78.3	0.036	107.5	12.7	0.001	0.03	0.077	8.6	0.7	0.2	22.9	<0.01	0.09	0.1
Q023044		0.25	94.5	0.171	17.10	11.1	0.001	0.07	0.321	2.5	0.9	0.3	31.3	<0.01	0.12	<0.1
Q023045		0.16	204	0.089	2.79	25.8	0.001	0.12	0.207	5.2	1.2	0.3	39.5	<0.01	0.10	0.1
Q023046		0.22	111.5	0.128	6.47	5.2	0.002	0.08	0.178	1.4	1.9	0.3	85.2	<0.01	0.19	<0.1
Q023047		0.32	198.0	0.100	7.57	11.8	0.002	0.13	0.126	4.5	1.9	0.3	52.9	<0.01	0.06	0.5
Q023048		0.36	190.5	0.207	7.12	7.5	0.002	0.23	0.319	3.8	3.3	0.3	47.0	<0.01	0.12	0.3
Q023049		0.30	335	0.085	1.94	12.9	<0.001	0.11	0.082	2.9	2.5	0.4	21.0	<0.01	0.07	0.1
Q023050		0.34	79.9	0.084	5.82	11.7	0.004	0.06	0.160	5.6	1.6	0.3	44.9	<0.01	0.05	0.2
Q023051		0.39	70.5	0.053	14.05	10.5	0.002	0.04	0.156	5.4	1.3	0.2	54.6	<0.01	0.08	0.3
Q023052		0.10	84.4	0.022	39.6	5.9	<0.001	0.02	0.090	4.8	0.6	<0.2	15.4	<0.01	0.04	0.1
Q023053		0.15	81.2	0.041	39.6	6.9	0.004	0.05	0.100	7.4	1.1	0.2	30.0	<0.01	0.05	0.1
Q023054		0.16	87.7	0.029	54.1	7.6	0.002	0.04	0.090	6.8	0.9	0.2	22.9	<0.01	0.06	0.1
Q023055		0.08	88.3	0.035	112.0	9.2	0.002	0.04	0.062	6.1	0.8	<0.2	23.4	<0.01	0.09	0.1
Q023056		0.09	91.3	0.032	98.2	9.6	0.003	0.04	0.067	6.4	0.9	0.2	24.9	<0.01	0.07	0.1
Q023057		0.08	88.4	0.030	94.9	9.2	0.001	0.02	0.061	7.0	0.5	0.2	21.7	<0.01	0.06	0.1
Q023101		<0.05	85.3	0.044	118.5	48.9	<0.001	0.01	0.045	8.1	0.3	<0.2	42.7	<0.01	0.09	0.2
Q023102		<0.05	95.8	0.062	25.8	49.8	<0.001	0.01	0.033	6.3	0.2	<0.2	29.1	<0.01	0.03	0.1
Q023103		<0.05	74.4	0.022	18.30	23.6	<0.001	0.01	0.042	3.3	0.1	<0.2	32.1	<0.01	<0.01	0.1
Q023104		<0.05	103.5	0.014	69.8	25.8	<0.001	0.01	0.067	4.8	0.2	<0.2	49.2	<0.01	0.05	0.1
Q023105		<0.05	105.0	0.019	154.5	27.8	0.001	0.04	0.088	8.7	0.2	<0.2	43.8	<0.01	0.10	0.3
Q023106		<0.05	109.5	0.025	41.5	41.6	<0.001	0.01	0.047	4.4	0.2	<0.2	37.8	<0.01	0.05	0.1
Q023107		<0.05	87.2	0.016	65.7	38.5	<0.001	0.02	0.049	6.4	<0.1	<0.2	28.4	<0.01	0.07	0.1
Q023108		0.23	120.0	0.030	26.5	6.5	<0.001	0.01	0.073	8.0	0.4	<0.2	17.8	<0.01	0.03	0.2
Q023109		0.57	67.6	0.043	42.5	7.0	<0.001	0.02	0.097	6.4	0.3	0.3	34.8	<0.01	0.08	0.2
Q023110		0.55	30.2	0.070	6.77	10.8	<0.001	0.03	0.102	8.1	0.7	0.3	99.8	<0.01	0.13	0.2
Q023111		0.29	17.6	0.079	4.24	13.4	<0.001	0.06	0.141	1.9	0.4	0.3	145.0	<0.01	0.10	<0.1
Q023112		0.41	16.6	0.060	4.02	8.7	<0.001	0.04	0.131	2.2	0.4	0.3	106.5	<0.01	0.10	<0.1
Q023113		0.59	19.9	0.068	5.65	8.2	<0.001	0.05	0.210	2.2	0.5	0.3	107.0	<0.01	0.10	0.1
Q023114		0.39	22.0	0.058	5.51	6.8	<0.001	0.03	0.185	2.6	0.5	0.3	107.5	<0.01	0.13	0.1
Q023115		0.28	32.3	0.097	3.50	13.9	<0.001	0.02	0.137	5.3	0.7	0.2	203	<0.01	0.15	0.3
Q023116		0.33	20.7	0.082	3.66	18.0	0.001	0.03	0.110	3.7	0.5	0.2	94.0	<0.01	0.14	0.1
Q023117		0.24	24.4	0.099	4.64	9.2	<0.001	0.06	0.151	1.8	0.4	0.2	89.2	<0.01	0.13	0.1
Q023118		0.22	31.3	0.107	8.99	7.9	<0.001	0.08	0.136	3.6	1.0	0.2	108.5	<0.01	0.21	0.1

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

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME- MS41L Ti % 0.001	ME- MS41L Tl ppm 0.02	ME- MS41L U ppm 0.05	ME- MS41L V ppm 1	ME- MS41L W ppm 0.01	ME- MS41L Y ppm 0.05	ME- MS41L Zn ppm 0.1	ME- MS41L Zr ppm 0.5
Q023041		0.113	0.06	1.31	144	0.25	5.89	56.8	<0.5
Q023042		0.116	0.04	0.98	135	0.21	4.07	43.8	<0.5
Q023043		0.094	0.21	0.59	111	0.14	2.87	52.9	<0.5
Q023044		0.035	0.03	0.25	137	0.35	2.58	51.1	<0.5
Q023045		0.168	0.16	0.15	202	0.39	2.26	47.0	<0.5
Q023046		0.078	0.03	0.43	136	0.37	3.10	30.4	<0.5
Q023047		0.181	0.08	0.29	144	0.37	3.35	38.3	0.5
Q023048		0.090	0.04	0.49	196	0.44	3.48	37.9	<0.5
Q023049		0.200	0.09	0.16	248	0.29	1.95	34.8	<0.5
Q023050		0.075	0.05	0.44	166	0.29	3.80	48.7	<0.5
Q023051		0.095	0.04	0.26	97	0.45	2.65	41.5	<0.5
Q023052		0.066	0.06	0.23	55	0.15	1.58	24.3	<0.5
Q023053		0.068	0.09	0.27	106	0.16	2.07	42.6	<0.5
Q023054		0.072	0.12	0.31	92	0.16	2.23	42.3	<0.5
Q023055		0.081	0.13	0.35	103	0.12	1.91	52.9	<0.5
Q023056		0.083	0.13	0.36	109	0.13	2.24	47.7	<0.5
Q023057		0.091	0.14	0.29	109	0.15	2.48	43.7	<0.5
Q023101		0.145	0.39	0.12	135	0.18	3.41	54.5	1.9
Q023102		0.126	0.42	0.20	99	0.09	3.56	55.0	1.7
Q023103		0.081	0.25	0.14	65	0.08	2.59	28.7	1.2
Q023104		0.066	0.26	0.23	85	0.12	2.79	49.1	1.2
Q023105		0.080	0.30	0.28	89	0.31	3.08	108.5	2.0
Q023106		0.087	0.38	0.14	76	0.06	2.71	39.8	1.1
Q023107		0.112	0.37	0.14	92	0.10	3.23	40.9	1.6
Q023108		0.063	0.08	0.17	74	0.17	1.92	49.9	<0.5
Q023109		0.101	0.08	0.22	111	0.23	2.17	71.6	<0.5
Q023110		0.139	0.15	0.27	145	0.26	3.65	55.7	<0.5
Q023111		0.081	0.06	0.26	103	0.19	1.89	56.8	<0.5
Q023112		0.092	0.05	0.31	99	0.21	1.86	38.9	<0.5
Q023113		0.093	0.05	0.39	128	0.30	2.32	46.3	<0.5
Q023114		0.075	0.05	0.27	107	0.25	2.14	42.7	<0.5
Q023115		0.140	0.09	0.28	143	0.29	3.75	49.9	<0.5
Q023116		0.124	0.07	0.25	124	0.23	2.53	47.2	<0.5
Q023117		0.060	0.07	0.30	122	0.21	2.51	54.9	<0.5
Q023118		0.059	0.06	1.21	121	0.20	3.14	46.8	<0.5

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VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	ME- MS41L Au ppm 0.0002	ME- MS41L Ag ppm 0.002	ME- MS41L Al % 0.01	ME- MS41L As ppm 0.02	ME- MS41L B ppm 10	ME- MS41L Ba ppm 0.5	ME- MS41L Be ppm 0.05	ME- MS41L Bi ppm 0.01	ME- MS41L Ca % 0.01	ME- MS41L Cd ppm 0.01	ME- MS41L Ce ppm 0.02	ME- MS41L Co ppm 0.1	ME- MS41L Cr ppm 0.5
Q023119		0.48	0.022	0.0103	0.154	1.62	0.53	<10	75.4	0.09	0.16	0.39	0.07	4.58	9.4	61.1
Q023120		0.36	0.020	0.0203	0.207	2.08	0.56	<10	72.2	0.19	0.18	0.46	0.07	5.01	18.7	122.5
Q023121		0.44	0.062	0.0323	0.245	2.17	0.93	<10	82.7	0.28	0.24	0.52	0.09	6.55	20.0	120.5
Q023122		0.38	0.034	0.0069	0.112	2.72	1.10	<10	157.0	0.41	0.31	0.90	0.12	9.49	22.9	105.0
Q023123		0.40	0.088	0.0409	0.276	2.11	1.21	<10	107.0	0.31	0.33	0.96	0.09	6.72	23.1	69.7
Q023124		0.70	0.022	0.0164	0.242	2.52	0.89	<10	114.0	0.28	0.14	0.93	0.08	6.44	50.9	70.1
Q023125		0.44	0.017	0.0068	0.083	1.88	0.55	<10	92.3	0.10	0.17	0.51	0.05	3.40	15.3	62.4
Q023126		0.34	0.010	0.0145	0.266	2.19	1.12	<10	96.8	0.31	0.20	1.14	0.18	4.86	23.3	71.6
Q023127		0.28	0.006	0.0030	0.079	2.25	0.87	<10	92.1	0.20	0.20	0.54	0.10	5.68	20.0	75.5
Q023128		0.58	0.012	0.0036	0.368	1.92	0.54	<10	88.7	0.19	0.76	0.85	0.08	3.14	29.8	311
Q023129		0.42	<0.005	0.0014	0.164	1.28	0.73	<10	37.7	<0.05	0.10	0.71	0.09	2.65	15.6	244
Q023130		0.42	<0.005	0.0002	0.048	1.37	1.09	<10	31.0	0.06	0.05	0.69	0.06	2.04	18.0	283
Q023131		0.50	<0.005	0.0023	0.258	2.51	1.65	<10	101.5	0.08	0.24	0.78	0.07	1.63	50.5	195.0
Q023132		0.50	<0.005	0.0024	0.166	2.13	1.41	<10	60.2	0.09	0.09	0.65	0.08	2.52	22.1	183.5
Q023133		0.50	<0.005	0.0017	0.211	1.90	1.58	<10	82.8	0.08	0.15	0.64	0.11	1.42	33.5	185.5
Q023134		0.56	<0.005	0.0032	0.082	1.71	1.27	<10	40.5	0.10	0.16	0.77	0.05	1.58	32.4	206
Q023135		0.60	<0.005	0.0034	0.172	1.94	1.39	<10	32.0	0.12	0.31	0.59	0.09	2.50	27.7	246
Q023136		0.64	<0.005	0.0022	0.169	1.04	1.08	<10	33.4	<0.05	0.09	0.52	0.05	0.97	23.9	239
Q023137		0.46	<0.005	0.0025	0.126	2.09	2.99	<10	68.4	0.19	0.31	0.73	0.15	4.20	67.8	325
Q023138		0.56	<0.005	0.0013	0.072	1.17	0.31	<10	16.3	0.08	0.91	0.34	0.05	1.42	36.4	431
Q023139		0.44	0.005	0.0010	0.693	2.25	0.44	<10	88.5	0.22	1.08	0.72	0.22	4.01	31.0	302
Q023140		0.52	<0.005	0.0023	0.120	1.52	0.44	<10	37.9	0.09	0.81	0.29	0.07	1.73	22.1	375
Q023141		0.42	0.006	0.0022	0.174	1.48	0.45	<10	40.8	0.08	1.03	0.31	0.11	1.76	23.2	376
Q023142		0.56	<0.005	0.0015	0.138	1.18	0.72	<10	34.4	0.09	0.63	0.37	0.16	2.09	45.3	553
Q023143		0.40	<0.005	0.0013	0.110	1.34	0.69	<10	54.6	0.08	0.60	0.29	0.24	2.79	37.5	438
Q023144		0.44	0.012	0.0057	0.176	1.52	0.77	<10	74.2	0.09	0.88	0.75	0.16	2.34	35.1	346
Q023201		0.56	<0.005	0.0015	0.117	2.56	1.22	<10	85.0	0.12	0.27	0.68	0.08	6.92	16.5	142.0
Q023202		0.40	0.009	0.0060	0.127	2.15	0.81	<10	98.1	0.12	0.44	0.43	0.10	6.17	12.5	114.0
Q023203		0.56	0.031	0.0205	0.058	3.16	0.53	<10	135.0	0.21	0.05	0.90	0.06	3.14	29.4	193.0
Q023204		0.42	<0.005	0.0027	0.018	1.59	0.34	<10	28.6	<0.05	0.04	0.53	0.04	0.93	21.2	308
Q023205		0.48	<0.005	<0.0002	0.064	1.30	0.42	<10	26.7	<0.05	0.32	0.53	0.07	0.82	25.1	332
Q023206		0.52	<0.005	0.0003	0.115	1.61	0.63	<10	50.7	0.06	0.25	0.70	0.12	1.61	29.8	327
Q023207		0.58	<0.005	<0.0002	0.036	1.76	0.49	<10	24.9	<0.05	0.13	0.33	0.10	1.30	39.4	321
Q023208		0.56	<0.005	0.0002	0.094	3.12	0.44	<10	79.5	0.08	0.11	0.63	0.27	1.69	44.1	236
Q023209		0.58	<0.005	0.0005	0.132	1.79	0.38	<10	105.0	0.12	0.27	1.35	0.22	1.74	31.8	456
Q023210		0.48	<0.005	0.0009	0.089	1.62	0.36	<10	61.8	0.14	0.24	0.71	0.18	1.55	34.7	475
Q023211		0.64	0.009	0.0025	0.356	1.69	0.42	<10	91.8	0.16	0.62	0.69	0.32	1.86	40.7	603
Q023212		0.48	<0.005	0.0030	0.197	1.77	0.66	<10	63.2	0.12	0.56	0.70	3.31	1.62	37.2	499
Q023213		0.52	<0.005	0.0008	0.277	1.68	0.52	<10	130.0	0.15	0.86	0.97	0.19	2.38	39.0	639
Q023214		0.46	<0.005	0.0005	0.224	1.84	0.75	<10	99.7	0.24	0.71	0.81	0.16	2.03	40.0	719

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

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Cs ppm 0.05	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.01	ME-MS41L Ga ppm 0.05	ME-MS41L Ge ppm 0.05	ME-MS41L Hf ppm 0.02	ME-MS41L Hg ppm 0.005	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.2	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.01
Q023119		0.75	29.0	3.39	7.88	0.10	<0.02	0.021	0.013	0.04	2.2	4.3	0.80	274	1.02	0.01
Q023120		1.42	112.0	3.61	6.98	0.11	<0.02	0.020	0.022	0.06	2.5	11.3	1.60	606	2.78	0.01
Q023121		1.82	159.5	3.58	6.82	0.10	<0.02	0.025	0.025	0.07	3.2	11.4	1.58	795	2.96	0.01
Q023122		4.97	328	4.04	8.54	0.11	0.02	0.039	0.029	0.08	5.3	15.0	1.82	1480	5.64	0.02
Q023123		1.41	252	4.59	6.58	0.11	<0.02	0.017	0.017	0.09	4.6	10.7	1.35	789	1.41	0.01
Q023124		1.15	331	4.61	6.98	0.14	<0.02	0.016	0.014	0.14	3.3	9.8	1.76	750	2.26	0.02
Q023125		0.85	100.5	3.70	6.68	0.10	<0.02	0.029	0.011	0.06	1.6	6.8	1.31	413	2.23	0.01
Q023126		2.30	340	3.14	6.39	0.11	<0.02	0.046	0.014	0.07	3.9	11.2	1.24	973	6.66	0.02
Q023127		0.96	176.0	3.62	7.25	0.10	<0.02	0.027	0.012	0.05	3.2	12.2	1.58	490	3.03	0.01
Q023128		2.72	126.0	4.00	6.46	0.11	<0.02	0.015	0.011	0.07	2.1	12.9	2.53	659	6.23	0.02
Q023129		0.57	69.0	3.48	5.49	0.14	<0.02	0.017	0.015	0.04	1.2	6.2	1.22	450	5.35	0.03
Q023130		0.57	99.8	3.51	4.44	0.13	<0.02	0.017	0.018	0.04	0.9	7.9	1.44	327	3.67	0.03
Q023131		2.28	519	5.27	5.99	0.18	0.02	0.008	0.009	0.54	0.8	16.5	2.81	463	20.3	0.02
Q023132		0.99	179.0	4.58	6.43	0.13	<0.02	<0.005	0.016	0.08	1.1	13.3	1.84	369	8.13	0.02
Q023133		1.61	247	4.32	4.90	0.15	<0.02	<0.005	0.010	0.38	0.7	12.0	2.07	436	14.25	0.02
Q023134		1.48	490	3.93	4.60	0.16	<0.02	<0.005	0.011	0.17	0.8	15.3	1.83	314	28.1	0.02
Q023135		1.52	134.5	4.13	5.56	0.06	<0.02	0.023	0.015	0.07	1.2	11.8	2.32	307	20.3	0.01
Q023136		1.00	155.5	3.17	2.94	0.08	0.02	0.018	0.009	0.15	0.4	8.4	1.28	206	8.70	0.01
Q023137		3.61	541	5.48	5.82	0.12	0.02	0.025	0.019	0.18	1.6	13.8	2.60	648	35.5	0.01
Q023138		1.88	93.7	4.23	3.87	0.06	<0.02	0.005	0.010	0.05	0.5	8.6	1.78	376	9.53	0.01
Q023139		4.12	38.9	4.64	6.94	0.08	<0.02	0.027	0.015	0.20	2.3	17.1	2.47	628	8.41	0.01
Q023140		1.03	14.30	4.71	4.78	0.07	<0.02	0.025	0.012	0.05	0.8	9.5	1.89	375	1.40	0.01
Q023141		1.03	15.55	4.76	5.35	0.07	<0.02	0.024	0.011	0.05	0.7	8.3	1.86	375	1.83	0.02
Q023142		2.33	38.1	5.75	4.01	0.07	0.02	0.010	0.008	0.11	0.9	8.0	2.07	531	0.89	0.01
Q023143		1.76	44.9	4.74	4.63	0.07	<0.02	0.025	0.014	0.04	1.3	9.2	1.89	545	6.01	0.01
Q023144		2.32	80.8	4.93	6.19	0.07	<0.02	0.016	0.014	0.04	1.1	13.4	2.13	490	7.73	0.01
Q023201		0.87	61.1	3.10	7.96	<0.05	<0.02	0.015	0.014	0.02	3.0	10.0	1.66	465	0.99	0.02
Q023202		1.41	65.0	2.77	7.05	<0.05	<0.02	0.030	0.016	0.03	3.0	9.0	1.43	322	1.69	0.01
Q023203		2.13	111.5	3.88	8.52	0.10	0.02	0.006	0.013	0.20	1.5	12.0	3.19	829	0.27	0.01
Q023204		0.71	18.25	2.32	4.16	0.08	<0.02	0.009	0.006	0.02	0.4	9.2	2.11	326	0.26	0.01
Q023205		3.30	14.00	3.47	4.28	0.05	<0.02	0.006	0.007	0.16	0.3	9.4	2.06	465	0.27	0.01
Q023206		4.36	40.0	4.06	5.40	0.08	0.02	0.008	0.007	0.35	0.7	14.2	2.54	531	0.45	0.01
Q023207		1.73	25.5	3.60	4.68	0.07	0.02	0.014	0.010	0.08	0.4	10.8	3.22	760	1.11	0.01
Q023208		5.80	84.6	5.37	7.56	0.12	0.04	0.009	0.008	0.90	0.8	27.6	3.92	803	0.35	0.01
Q023209		4.24	42.5	4.54	6.20	0.08	0.03	0.006	0.008	0.42	0.8	16.8	2.93	640	0.38	0.01
Q023210		4.85	33.7	3.82	5.71	0.09	0.04	<0.005	0.008	0.25	0.7	14.5	3.15	575	0.20	0.01
Q023211		5.15	77.3	5.07	5.47	0.10	0.05	0.012	0.010	0.27	0.9	13.3	3.35	771	1.01	0.01
Q023212		4.26	66.2	4.51	5.40	0.09	0.02	0.009	0.010	0.19	0.7	12.8	3.08	709	1.40	0.01
Q023213		4.90	51.0	5.10	5.50	0.09	0.03	0.010	0.012	0.25	1.0	13.0	3.23	814	0.72	0.01
Q023214		5.35	48.0	4.57	6.02	0.10	0.04	0.008	0.011	0.17	1.0	13.8	3.71	749	0.69	0.01

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

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Nb ppm 0.05	ME-MS41L Ni ppm 0.1	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.01	ME-MS41L Rb ppm 0.1	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.1	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.2	ME-MS41L Sr ppm 0.2	ME-MS41L Ta ppm 0.01	ME-MS41L Te ppm 0.01	ME-MS41L Th ppm 0.1
Q023119		0.51	14.6	0.059	4.87	6.8	<0.001	0.01	0.097	3.4	0.3	0.3	64.6	<0.01	0.07	0.1
Q023120		0.20	38.6	0.084	3.47	8.3	<0.001	0.04	0.089	2.7	0.2	0.2	62.7	<0.01	0.11	0.1
Q023121		0.17	36.4	0.105	4.11	7.8	<0.001	0.05	0.083	3.3	0.6	<0.2	62.7	<0.01	0.16	0.1
Q023122		0.20	32.7	0.155	5.55	10.8	<0.001	0.08	0.135	5.1	0.9	0.2	105.0	<0.01	0.11	0.2
Q023123		0.22	19.8	0.177	11.90	5.2	<0.001	0.04	0.115	4.0	0.7	<0.2	60.3	<0.01	0.34	0.1
Q023124		0.27	28.2	0.138	2.98	7.3	0.002	0.02	0.100	6.0	1.2	<0.2	87.6	<0.01	0.11	0.3
Q023125		0.25	18.7	0.091	4.52	7.2	0.001	0.04	0.068	2.5	0.3	0.2	75.5	<0.01	0.10	<0.1
Q023126		0.33	24.1	0.124	9.63	6.8	0.014	0.07	0.146	4.4	2.1	0.2	80.4	<0.01	0.05	0.2
Q023127		0.32	29.5	0.099	13.15	4.1	0.001	0.04	0.110	3.7	0.6	0.2	72.0	<0.01	0.05	0.2
Q023128		0.12	63.1	0.053	47.8	8.3	0.001	0.03	0.087	7.5	0.4	<0.2	39.0	<0.01	0.07	0.2
Q023129		0.19	41.9	0.035	3.12	6.9	<0.001	0.02	0.111	7.8	0.3	0.3	38.3	<0.01	0.02	0.1
Q023130		0.28	50.5	0.034	1.64	6.1	0.001	0.03	0.111	6.5	0.3	0.2	33.0	<0.01	0.02	0.1
Q023131		0.10	97.1	0.039	9.82	36.1	0.002	0.03	0.104	8.4	0.9	0.2	39.6	<0.01	0.07	0.1
Q023132		0.35	55.1	0.059	2.47	8.9	0.001	0.03	0.110	6.5	0.4	0.3	50.0	<0.01	0.05	0.1
Q023133		0.08	70.7	0.054	3.97	24.2	0.001	0.03	0.112	6.3	0.5	0.2	34.9	<0.01	0.07	0.1
Q023134		0.11	67.6	0.030	5.32	12.2	0.001	0.02	0.112	7.7	0.5	0.2	38.5	<0.01	0.08	0.1
Q023135		0.46	76.2	0.022	15.45	7.6	0.002	0.02	0.105	4.7	0.8	0.2	38.3	<0.01	0.09	0.2
Q023136		0.05	62.3	0.018	3.07	9.9	0.002	0.02	0.085	4.5	0.5	<0.2	29.1	<0.01	0.06	0.1
Q023137		0.53	132.0	0.033	14.00	16.3	0.003	0.07	0.173	10.7	0.7	0.3	24.8	<0.01	0.13	0.2
Q023138		0.10	71.8	0.018	67.6	3.9	<0.001	0.02	0.048	4.8	<0.1	<0.2	5.5	<0.01	0.07	0.1
Q023139		0.33	70.1	0.047	123.0	18.9	<0.001	0.04	0.061	8.8	<0.1	0.2	29.7	<0.01	0.08	0.1
Q023140		0.18	63.4	0.022	62.7	4.2	<0.001	0.01	0.050	4.0	0.1	<0.2	16.1	<0.01	0.05	0.1
Q023141		0.17	63.8	0.024	51.6	4.4	<0.001	0.01	0.057	3.9	<0.1	<0.2	18.1	<0.01	0.08	0.1
Q023142		<0.05	106.0	0.034	68.0	8.1	<0.001	0.01	0.060	5.1	<0.1	<0.2	8.3	<0.01	0.05	0.2
Q023143		0.15	85.2	0.039	66.9	4.4	<0.001	0.02	0.065	5.1	0.5	<0.2	11.6	<0.01	0.08	0.1
Q023144		0.14	91.1	0.029	75.3	7.1	<0.001	0.01	0.072	6.1	0.2	<0.2	21.3	<0.01	0.06	0.2
Q023201		0.64	29.8	0.045	4.28	2.7	<0.001	0.02	0.191	5.8	0.2	0.3	92.7	<0.01	0.12	0.3
Q023202		0.68	26.2	0.072	4.43	4.8	<0.001	0.05	0.102	2.6	0.1	0.4	81.9	<0.01	0.13	0.1
Q023203		0.13	57.5	0.107	1.71	13.2	<0.001	<0.01	0.069	9.0	<0.1	<0.2	98.5	<0.01	0.07	0.3
Q023204		0.11	44.4	0.033	2.15	2.1	<0.001	0.02	0.053	2.7	<0.1	<0.2	23.1	<0.01	0.01	<0.1
Q023205		<0.05	74.2	0.012	27.5	12.2	<0.001	0.01	0.037	5.0	<0.1	<0.2	3.9	<0.01	0.04	0.1
Q023206		<0.05	96.8	0.028	22.8	28.6	<0.001	0.01	0.035	5.2	0.3	<0.2	8.6	<0.01	0.06	0.1
Q023207		0.05	81.5	0.018	16.70	6.0	<0.001	0.01	0.047	5.9	<0.1	<0.2	4.2	<0.01	0.10	0.1
Q023208		<0.05	113.0	0.026	31.4	48.7	<0.001	<0.01	0.038	11.0	0.1	<0.2	25.1	<0.01	0.03	0.2
Q023209		<0.05	110.5	0.033	38.0	34.7	<0.001	0.01	0.036	4.4	0.2	<0.2	27.5	<0.01	0.04	0.1
Q023210		<0.05	116.5	0.021	37.4	25.9	<0.001	<0.01	0.042	4.1	<0.1	<0.2	15.4	<0.01	0.05	0.2
Q023211		<0.05	136.5	0.019	85.9	30.3	0.001	0.01	0.060	6.2	0.1	<0.2	25.7	<0.01	0.07	0.2
Q023212		<0.05	113.5	0.025	69.2	15.9	<0.001	0.01	0.047	5.7	0.1	<0.2	18.6	<0.01	0.08	0.1
Q023213		0.05	122.0	0.046	83.0	31.6	<0.001	0.01	0.049	6.2	<0.1	<0.2	13.5	<0.01	0.07	0.2
Q023214		0.05	131.0	0.034	65.4	27.4	<0.001	0.01	0.063	6.3	<0.1	<0.2	10.8	<0.01	0.07	0.2

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

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To: COMMANDER RESOURCES LTD.
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VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L
	Analyte	Tl	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.001	0.02	0.05	1	0.01	0.05	0.1	0.5
Q023119		0.129	0.04	0.21	123	0.28	2.64	26.7	<0.5
Q023120		0.059	0.04	0.66	107	0.28	4.85	37.8	<0.5
Q023121		0.051	0.04	1.13	104	0.27	7.71	37.2	<0.5
Q023122		0.039	0.06	3.21	138	0.23	17.00	54.1	<0.5
Q023123		0.081	0.04	1.96	138	0.23	11.90	41.3	<0.5
Q023124		0.119	0.06	1.05	146	0.22	7.66	48.2	<0.5
Q023125		0.096	0.04	0.48	130	0.29	2.24	41.0	<0.5
Q023126		0.059	0.07	4.17	119	0.40	9.34	50.1	<0.5
Q023127		0.086	0.03	0.98	129	0.26	4.45	54.4	<0.5
Q023128		0.085	0.07	0.63	99	0.15	4.31	64.3	<0.5
Q023129		0.190	0.03	0.12	140	0.36	1.86	33.6	<0.5
Q023130		0.137	0.02	1.07	108	0.28	1.85	29.8	<0.5
Q023131		0.208	0.22	0.13	165	0.37	2.17	36.3	<0.5
Q023132		0.178	0.04	0.14	156	2.36	1.97	39.8	<0.5
Q023133		0.140	0.14	0.11	132	0.34	1.40	35.9	<0.5
Q023134		0.140	0.09	0.21	119	0.48	2.58	28.2	<0.5
Q023135		0.127	0.04	0.19	98	0.44	1.45	41.5	<0.5
Q023136		0.077	0.06	0.09	78	0.22	1.18	17.9	<0.5
Q023137		0.120	0.18	0.66	123	0.48	4.10	45.7	0.5
Q023138		0.079	0.04	0.19	80	0.10	1.24	36.4	<0.5
Q023139		0.105	0.15	0.49	136	0.12	4.50	75.5	<0.5
Q023140		0.119	0.04	0.16	103	0.14	1.25	47.9	<0.5
Q023141		0.125	0.03	0.14	110	0.15	1.17	46.8	<0.5
Q023142		0.078	0.12	0.11	109	0.10	2.06	45.0	0.5
Q023143		0.068	0.08	0.36	104	0.12	2.36	61.6	<0.5
Q023144		0.096	0.10	0.38	137	0.15	2.17	73.1	<0.5
Q023201		0.111	0.03	0.30	90	0.44	3.37	36.9	<0.5
Q023202		0.061	0.04	0.45	85	0.28	1.51	47.6	<0.5
Q023203		0.115	0.07	0.20	124	0.14	3.58	47.4	0.7
Q023204		0.073	<0.02	0.06	43	0.06	0.71	27.9	<0.5
Q023205		0.091	0.17	0.09	71	0.06	2.20	30.9	<0.5
Q023206		0.114	0.25	0.12	93	0.08	3.12	39.0	0.6
Q023207		0.068	0.13	0.13	76	0.08	2.00	51.6	<0.5
Q023208		0.165	0.33	0.10	157	0.08	1.96	131.0	1.2
Q023209		0.129	0.32	0.14	104	0.07	3.67	50.6	1.0
Q023210		0.104	0.30	0.19	74	0.06	2.88	51.3	1.1
Q023211		0.095	0.39	0.22	93	0.17	3.25	66.9	1.1
Q023212		0.098	0.29	0.18	94	0.09	2.47	112.0	0.6
Q023213		0.089	0.30	0.14	90	0.08	3.27	58.3	0.6
Q023214		0.094	0.28	0.19	85	0.08	2.90	68.7	0.7

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

ALS Canada Ltd.
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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.002	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.02	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.05	ME-MS41L Bi ppm 0.01	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.01	ME-MS41L Ce ppm 0.02	ME-MS41L Co ppm 0.1	ME-MS41L Cr ppm 0.5
Q023215		0.60	<0.005	0.0011	0.286	1.42	0.54	<10	78.1	0.14	0.67	1.09	0.21	1.78	33.2	550
Q023216		0.40	<0.005	<0.0002	0.101	0.93	0.53	<10	113.5	0.07	0.52	0.52	0.25	3.20	10.8	288
Q023217		0.50	0.011	0.0053	0.312	1.10	0.51	<10	62.1	<0.05	0.40	0.54	0.60	1.25	22.7	227
Q023218		0.42	0.014	0.0045	0.312	1.58	1.13	<10	165.0	0.14	0.79	0.75	0.31	4.01	34.5	462
Q023219		0.58	0.012	0.0090	0.602	1.49	0.84	<10	191.0	0.14	0.99	0.72	0.14	3.98	36.5	544
Q023220		0.56	0.081	0.0104	0.168	3.31	1.09	<10	111.5	0.16	0.83	0.66	0.10	6.46	23.4	69.2
Q023221		0.52	0.049	0.0062	0.149	2.74	1.21	<10	143.5	0.13	0.22	0.52	0.11	5.74	19.9	104.0
Q023222		0.54	0.019	0.0064	0.145	2.97	1.19	<10	138.0	0.17	0.23	0.58	0.12	5.00	23.0	95.5
Q023223		0.62	<0.005	0.0031	0.104	3.75	0.80	<10	223	0.33	0.12	0.75	0.06	6.47	33.5	141.0
Q023224		0.48	0.006	0.0736	0.117	2.74	0.94	<10	178.5	0.14	0.24	0.46	0.06	6.47	11.5	55.4
Q023225		0.50	0.006	0.0022	0.150	3.83	0.62	<10	275	0.16	0.23	1.16	0.11	3.60	19.4	68.2
Q023226		0.58	0.017	0.0108	0.195	3.53	1.73	<10	113.5	0.34	0.16	1.23	0.08	4.70	31.1	240
Q023227		0.48	0.012	0.0602	0.159	2.87	0.61	<10	136.0	0.10	0.21	0.77	0.08	3.99	15.3	64.3
Q023228		0.58	0.018	0.0073	0.134	4.07	0.87	<10	254	0.16	0.11	1.65	0.08	4.25	18.5	25.5
Q023229		0.46	0.024	0.0445	0.379	3.60	0.77	<10	149.5	0.28	0.10	0.81	0.10	4.90	14.1	30.4
Q023230		0.50	<0.005	0.0007	0.046	2.72	0.87	<10	102.5	0.22	0.02	1.10	0.04	5.70	19.5	27.2
Q023231		0.58	0.020	0.0348	0.087	2.88	1.68	<10	97.7	0.40	0.13	0.98	0.05	13.55	24.6	140.5
Q023232		0.54	0.012	0.0044	0.100	2.99	1.46	<10	109.5	0.33	0.16	0.35	0.09	9.45	25.5	210
Q023233		0.66	0.011	0.0049	0.096	2.67	0.71	<10	80.4	0.19	0.07	0.55	0.06	4.35	30.7	205
Q023234		0.54	0.010	0.0027	0.065	2.30	0.95	<10	115.5	0.22	0.10	0.53	0.07	4.45	22.1	117.0
Q023235		0.58	0.017	0.0365	0.173	3.14	1.21	<10	149.0	0.23	0.16	0.52	0.09	5.27	22.4	122.0
Q023236		0.52	0.016	0.0037	0.149	2.38	0.82	<10	74.9	0.15	0.17	0.44	0.11	3.91	16.6	135.0
Q023237		0.48	0.016	0.0042	0.222	3.20	1.90	<10	67.5	0.25	0.17	0.35	0.14	6.29	22.2	111.0
Q023238		0.50	0.008	0.145	0.093	2.80	1.20	<10	69.3	0.18	0.22	0.56	0.08	6.24	22.9	117.0
Q023239		0.44	0.005	0.0013	0.098	2.45	0.98	<10	109.5	0.24	0.23	0.33	0.08	10.35	12.5	55.8
Q023240		0.48	0.006	0.0034	0.158	2.59	1.19	<10	147.5	0.36	0.19	0.47	0.10	7.90	42.2	35.4
Q023241		0.50	0.016	0.164	0.090	2.62	0.49	<10	116.0	0.16	0.11	0.75	0.05	5.27	24.6	78.7
Q023242		0.48	0.040	0.0304	0.122	3.04	0.99	<10	101.5	0.30	0.23	0.64	0.13	7.25	39.0	109.0
Q023243		0.50	0.029	0.0091	0.151	3.14	1.03	<10	101.5	0.38	0.25	0.71	0.14	7.49	40.8	111.5
Q023244		0.48	0.016	0.0101	0.078	2.52	0.97	<10	88.6	0.18	0.18	0.67	0.07	5.68	21.9	64.4
Q023245		0.50	0.022	0.0048	0.133	2.36	0.65	<10	89.3	0.12	0.05	0.53	0.06	3.40	23.9	97.8
Q023246		0.44	0.654	0.331	0.141	2.74	0.78	<10	74.8	0.09	0.19	0.35	0.05	2.64	39.1	94.1
Q023247		0.46	0.066	0.0303	0.999	3.03	1.32	<10	215	0.36	4.65	0.76	0.50	7.19	50.7	217
Q023248		0.54	0.008	0.0027	0.397	2.16	1.11	<10	72.5	0.14	1.44	0.76	0.24	4.12	51.4	355
Q023249		0.34	<0.005	0.0042	0.270	1.74	1.72	<10	25.2	0.07	1.11	0.36	0.28	1.92	28.2	303
Q023250		0.64	0.006	0.0029	0.406	3.67	2.22	<10	116.0	0.09	0.45	0.84	1.46	2.92	110.0	641
Q023251		0.60	<0.005	0.0016	0.682	1.82	1.96	<10	55.5	0.22	2.05	0.64	0.18	1.96	57.1	689
Q023252		0.56	<0.005	<0.0002	0.120	1.56	0.50	<10	57.6	0.10	0.54	0.47	0.10	2.52	38.7	421
Q023253		0.52	<0.005	0.0007	0.322	2.60	0.51	<10	73.2	0.35	1.78	0.63	0.21	2.80	43.5	418
Q023254		0.50	<0.005	0.0003	0.172	1.53	0.58	<10	24.2	0.10	0.57	0.42	0.05	1.56	26.7	409

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

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Cs ppm 0.05	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.01	ME-MS41L Ga ppm 0.05	ME-MS41L Ge ppm 0.05	ME-MS41L Hf ppm 0.02	ME-MS41L Hg ppm 0.005	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.2	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.01
Q023215		3.33	50.1	4.46	4.47	0.07	0.05	0.006	0.008	0.20	0.8	10.5	2.57	581	0.59	0.01
Q023216		1.28	20.8	2.73	6.20	<0.05	<0.02	0.020	0.010	0.03	1.6	4.1	0.96	343	5.32	0.01
Q023217		1.99	175.5	3.24	4.18	0.07	0.02	0.006	0.007	0.11	0.6	8.6	1.85	403	1.31	0.01
Q023218		2.58	131.0	3.21	4.88	0.09	0.02	0.014	0.011	0.12	1.9	10.9	2.47	833	4.79	0.01
Q023219		2.88	176.5	3.36	4.31	0.09	0.04	0.008	0.012	0.18	1.8	10.5	2.54	650	5.27	0.01
Q023220		1.31	123.5	4.77	8.17	0.05	0.02	0.020	0.016	0.05	3.0	10.4	1.89	652	1.08	0.02
Q023221		1.43	71.8	4.33	8.78	<0.05	<0.02	0.021	0.015	0.08	2.7	8.7	1.79	682	1.35	0.02
Q023222		1.32	98.6	4.62	8.17	<0.05	<0.02	0.025	0.018	0.05	2.4	9.6	1.85	620	1.38	0.02
Q023223		4.25	147.5	5.38	11.85	0.08	<0.02	0.012	0.026	0.40	3.0	14.3	2.96	1040	1.37	0.02
Q023224		2.03	42.8	3.25	8.81	<0.05	<0.02	0.036	0.015	0.05	3.2	7.1	1.24	410	1.22	0.02
Q023225		0.92	213	3.67	7.00	<0.05	<0.02	0.038	0.015	0.05	1.7	7.4	1.45	483	1.29	0.06
Q023226		2.44	354	4.37	9.65	0.05	0.04	0.033	0.017	0.06	2.7	14.0	2.48	1120	5.85	0.03
Q023227		0.98	35.4	4.41	9.31	0.11	<0.02	0.023	0.016	0.06	2.0	4.9	1.37	445	1.04	0.03
Q023228		0.91	153.0	4.14	6.77	0.09	<0.02	0.020	0.014	0.06	2.1	6.5	1.25	539	1.51	0.11
Q023229		1.02	89.7	3.83	8.01	0.10	<0.02	0.037	0.016	0.11	2.5	8.1	1.33	636	0.74	0.03
Q023230		1.99	368	3.43	7.19	0.11	<0.02	0.007	0.006	0.20	2.0	14.5	1.68	604	0.71	0.02
Q023231		1.43	201	4.16	7.96	0.12	0.04	0.020	0.019	0.07	5.1	12.3	2.22	741	2.06	0.02
Q023232		1.22	110.0	4.05	8.51	0.11	<0.02	0.009	0.019	0.06	4.3	12.8	2.31	706	0.68	0.01
Q023233		0.99	228	4.30	6.60	0.13	<0.02	0.010	0.011	0.08	1.9	9.9	2.27	866	0.72	0.01
Q023234		1.40	157.5	3.49	6.29	0.13	<0.02	0.023	0.019	0.17	2.2	9.2	1.75	685	0.75	0.02
Q023235		1.24	106.0	4.85	8.23	0.14	<0.02	0.026	0.021	0.07	2.6	11.3	2.20	740	1.19	0.02
Q023236		0.73	48.9	3.81	6.72	0.11	<0.02	0.039	0.017	0.05	2.1	6.9	1.59	517	0.83	0.02
Q023237		2.45	100.0	5.69	10.15	0.10	<0.02	0.022	0.031	0.09	3.0	14.1	2.22	694	1.25	0.01
Q023238		1.30	141.5	4.85	9.58	0.13	<0.02	0.009	0.019	0.10	3.0	10.6	2.15	729	1.74	0.02
Q023239		0.92	43.4	3.99	11.60	0.10	<0.02	0.019	0.020	0.07	5.2	7.4	1.31	482	1.39	0.01
Q023240		1.68	279	6.78	9.72	0.12	<0.02	0.040	0.026	0.18	3.6	8.9	1.47	2820	3.15	0.01
Q023241		0.78	106.5	4.56	6.69	0.11	<0.02	0.015	0.015	0.10	2.5	8.3	1.87	767	0.95	0.02
Q023242		2.17	252	5.03	7.73	0.11	<0.02	0.030	0.019	0.08	3.2	11.8	1.90	1000	1.90	0.02
Q023243		2.41	288	5.09	7.99	0.12	<0.02	0.028	0.020	0.08	3.5	12.7	1.95	1050	1.86	0.02
Q023244		0.85	88.6	4.77	7.46	0.10	<0.02	0.009	0.017	0.07	2.7	7.9	1.59	698	0.94	0.02
Q023245		1.11	77.9	5.52	6.68	0.13	<0.02	0.020	0.008	0.17	1.6	12.8	1.67	904	0.94	0.01
Q023246		1.15	44.6	6.78	10.25	0.11	<0.02	0.019	0.012	0.10	1.3	19.9	2.24	1020	1.28	0.01
Q023247		4.01	289	6.16	11.50	0.15	<0.02	0.024	0.037	0.08	4.3	19.0	3.74	1320	13.50	0.02
Q023248		4.18	264	5.71	7.91	0.15	0.04	0.010	0.014	0.17	2.2	15.7	3.46	805	7.87	0.02
Q023249		1.78	46.1	4.67	6.24	0.13	<0.02	0.020	0.013	0.03	1.0	9.7	2.50	416	9.05	0.02
Q023250		4.82	103.5	6.89	7.18	0.18	0.02	0.044	0.025	0.29	1.7	21.0	6.79	1700	3.50	0.01
Q023251		3.78	37.3	6.17	6.46	0.18	0.02	0.017	0.014	0.16	1.1	14.3	4.06	893	1.93	0.01
Q023252		2.62	27.7	4.94	4.43	0.12	<0.02	<0.005	0.011	0.16	1.1	8.5	2.45	611	0.75	0.02
Q023253		5.21	33.7	6.16	10.65	0.19	<0.02	0.010	0.012	0.61	0.9	17.7	3.56	779	19.65	0.02
Q023254		1.68	16.95	4.48	4.76	0.15	<0.02	0.005	0.010	0.06	0.7	9.5	2.05	502	2.66	0.02

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Nb ppm 0.05	ME-MS41L Ni ppm 0.1	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.01	ME-MS41L Rb ppm 0.1	ME-MS41L Re ppm 0.001	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.1	ME-MS41L Se ppm 0.1	ME-MS41L Sn ppm 0.2	ME-MS41L Sr ppm 0.2	ME-MS41L Ta ppm 0.01	ME-MS41L Te ppm 0.01	ME-MS41L Th ppm 0.1
Q023215		<0.05	93.1	0.027	68.1	19.8	<0.001	0.02	0.062	4.9	0.1	<0.2	26.7	<0.01	0.06	0.2
Q023216		0.24	24.3	0.065	17.60	8.0	<0.001	0.05	0.111	2.8	<0.1	0.3	41.5	<0.01	0.08	<0.1
Q023217		<0.05	47.0	0.028	42.2	9.8	<0.001	0.02	0.068	5.0	<0.1	<0.2	18.4	<0.01	0.07	0.2
Q023218		0.10	60.5	0.066	38.7	12.7	0.001	0.05	0.082	5.9	0.6	<0.2	31.8	<0.01	0.16	0.4
Q023219		<0.05	66.7	0.059	42.4	15.6	0.001	0.11	0.085	5.7	0.1	<0.2	23.1	<0.01	0.24	0.4
Q023220		0.58	29.6	0.136	2.86	4.6	<0.001	0.02	0.132	5.5	0.7	0.2	113.5	<0.01	0.09	0.3
Q023221		0.85	32.6	0.092	4.30	6.5	<0.001	0.03	0.141	4.3	0.4	0.4	120.5	<0.01	0.10	0.2
Q023222		0.67	31.5	0.100	3.32	5.0	<0.001	0.02	0.137	4.4	0.5	0.3	143.5	<0.01	0.13	0.2
Q023223		0.35	71.5	0.131	2.84	25.1	<0.001	0.01	0.088	9.8	0.2	0.3	127.0	<0.01	0.11	0.4
Q023224		0.85	16.1	0.063	4.86	9.2	<0.001	0.04	0.130	3.3	0.4	0.4	142.0	<0.01	0.09	0.1
Q023225		0.31	26.8	0.111	2.19	3.8	<0.001	0.04	0.112	2.5	0.6	0.2	423	<0.01	0.15	0.1
Q023226		0.30	46.1	0.210	3.39	5.0	0.003	0.11	0.165	6.3	1.2	0.2	105.5	<0.01	0.12	0.2
Q023227		0.38	20.9	0.086	3.87	5.4	<0.001	0.05	0.098	3.0	0.4	0.3	217	<0.01	0.12	0.1
Q023228		0.25	15.4	0.092	2.03	3.7	<0.001	0.04	0.143	3.1	0.6	0.2	365	<0.01	0.15	0.1
Q023229		0.59	12.3	0.109	2.08	6.8	<0.001	0.05	0.087	2.6	0.6	0.3	356	<0.01	0.10	<0.1
Q023230		0.43	15.7	0.121	0.74	6.5	<0.001	0.03	0.058	2.2	0.3	<0.2	88.9	<0.01	0.02	0.2
Q023231		1.93	35.8	0.097	5.14	4.4	0.001	0.04	0.135	6.5	0.9	0.5	132.0	<0.01	0.07	0.6
Q023232		1.26	45.2	0.055	4.76	5.0	<0.001	0.02	0.119	5.3	0.6	0.5	59.9	<0.01	0.10	0.4
Q023233		0.20	43.2	0.158	5.19	5.1	<0.001	0.02	0.095	4.4	0.5	<0.2	82.7	<0.01	0.09	0.1
Q023234		0.23	27.2	0.091	2.23	8.1	<0.001	0.04	0.098	5.8	0.3	0.2	92.0	<0.01	0.07	0.1
Q023235		0.45	39.5	0.115	3.25	4.4	<0.001	0.02	0.088	6.3	0.5	0.2	78.9	<0.01	0.24	0.2
Q023236		0.38	28.6	0.125	3.41	4.1	<0.001	0.03	0.074	3.0	<0.1	0.2	51.8	<0.01	0.10	0.1
Q023237		0.76	36.1	0.083	5.54	9.7	<0.001	0.03	0.193	7.4	0.7	0.4	41.6	<0.01	0.12	0.2
Q023238		0.60	42.8	0.108	6.15	6.3	<0.001	0.03	0.127	5.0	0.4	0.3	50.8	<0.01	0.11	0.3
Q023239		2.35	23.7	0.077	5.61	7.1	<0.001	0.03	0.138	3.5	0.3	1.0	57.2	<0.01	0.08	0.4
Q023240		0.33	14.3	0.274	5.16	18.6	0.001	0.09	0.122	4.0	0.9	0.3	52.6	<0.01	0.19	0.3
Q023241		0.33	35.7	0.142	2.05	4.8	<0.001	0.02	0.075	4.9	0.3	0.2	98.1	<0.01	0.07	0.3
Q023242		0.28	40.8	0.103	7.51	6.2	<0.001	0.04	0.098	4.5	0.6	0.2	128.5	<0.01	0.10	0.1
Q023243		0.29	42.0	0.109	8.17	6.5	0.001	0.04	0.105	4.8	0.9	0.2	132.0	<0.01	0.14	0.1
Q023244		0.43	27.2	0.148	4.92	5.0	<0.001	0.02	0.113	4.5	0.5	0.2	86.4	<0.01	0.08	0.2
Q023245		0.22	26.2	0.133	2.24	8.6	0.001	0.02	0.078	2.6	0.1	0.2	45.2	<0.01	0.08	0.2
Q023246		0.20	28.0	0.058	10.65	6.6	<0.001	0.03	0.068	3.7	0.3	0.2	43.5	<0.01	0.45	0.1
Q023247		0.28	96.3	0.083	171.5	8.8	<0.001	0.05	0.087	9.8	0.8	0.2	79.1	<0.01	0.39	0.5
Q023248		0.17	123.5	0.032	102.5	18.7	<0.001	0.02	0.076	8.5	0.3	<0.2	25.4	<0.01	0.08	0.6
Q023249		0.13	66.3	0.028	77.4	3.2	<0.001	0.03	0.074	4.9	0.2	<0.2	18.0	<0.01	0.07	0.1
Q023250		<0.05	271	0.036	301	16.6	0.003	0.04	0.083	22.4	0.2	<0.2	22.3	<0.01	0.10	0.2
Q023251		0.07	212	0.016	156.5	13.0	<0.001	0.01	0.085	7.4	0.1	<0.2	9.8	<0.01	0.09	0.2
Q023252		0.08	88.0	0.030	47.6	8.3	<0.001	0.02	0.045	5.9	0.2	<0.2	14.1	<0.01	0.06	0.1
Q023253		0.11	102.5	0.022	132.0	33.3	0.001	0.02	0.047	8.6	0.3	<0.2	19.3	<0.01	0.12	0.2
Q023254		0.22	61.8	0.019	35.5	3.6	<0.001	0.01	0.048	5.6	0.1	<0.2	9.9	<0.01	0.04	0.1

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

ALS Canada Ltd.
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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME- MS41L Ti % 0.001	ME- MS41L Tl ppm 0.02	ME- MS41L U ppm 0.05	ME- MS41L V ppm 1	ME- MS41L W ppm 0.01	ME- MS41L Y ppm 0.05	ME- MS41L Zn ppm 0.1	ME- MS41L Zr ppm 0.5
Q023215		0.087	0.26	0.17	80	0.11	2.56	47.2	1.3
Q023216		0.088	0.07	0.22	98	0.20	1.03	36.7	<0.5
Q023217		0.072	0.10	0.11	66	0.09	1.89	173.0	0.6
Q023218		0.072	0.18	0.54	66	0.12	3.45	56.3	0.7
Q023219		0.071	0.20	0.34	58	0.12	3.52	32.3	1.5
Q023220		0.129	0.04	0.25	151	0.22	4.30	57.6	<0.5
Q023221		0.115	0.06	0.26	139	0.21	2.51	51.0	<0.5
Q023222		0.102	0.04	0.23	141	0.23	2.63	52.1	<0.5
Q023223		0.218	0.19	0.31	222	0.21	4.68	66.8	<0.5
Q023224		0.142	0.06	0.41	127	0.23	2.61	38.5	<0.5
Q023225		0.088	0.04	0.23	113	0.20	2.21	38.5	<0.5
Q023226		0.058	0.07	3.40	145	0.22	5.67	61.9	0.9
Q023227		0.130	0.04	0.25	144	0.34	2.38	42.8	<0.5
Q023228		0.118	0.03	0.27	132	0.34	2.69	41.2	<0.5
Q023229		0.098	0.04	0.28	119	0.20	2.61	48.1	<0.5
Q023230		0.172	0.04	1.13	116	0.08	3.15	56.7	<0.5
Q023231		0.101	0.04	1.17	113	0.21	4.40	53.0	1.4
Q023232		0.144	0.06	0.33	109	0.29	3.51	51.1	0.7
Q023233		0.091	0.05	0.22	106	0.25	3.11	45.8	<0.5
Q023234		0.106	0.07	0.22	112	0.18	2.47	48.2	<0.5
Q023235		0.137	0.06	0.25	146	0.28	3.16	56.6	<0.5
Q023236		0.086	0.03	0.25	97	0.23	2.24	37.6	<0.5
Q023237		0.158	0.07	0.27	182	0.29	2.95	59.7	<0.5
Q023238		0.154	0.06	0.38	146	0.30	3.61	54.1	<0.5
Q023239		0.150	0.05	0.55	123	0.28	3.48	46.7	<0.5
Q023240		0.129	0.08	0.60	157	0.22	4.64	68.5	<0.5
Q023241		0.135	0.04	0.22	138	0.27	3.71	43.7	<0.5
Q023242		0.104	0.04	0.37	150	0.27	5.20	52.0	<0.5
Q023243		0.108	0.05	0.43	150	0.31	5.76	54.4	<0.5
Q023244		0.137	0.04	0.23	143	0.25	3.71	45.6	<0.5
Q023245		0.185	0.06	0.22	176	0.23	2.70	64.6	<0.5
Q023246		0.240	0.05	0.14	247	0.21	2.29	77.2	<0.5
Q023247		0.141	0.17	1.61	198	0.65	6.92	117.0	<0.5
Q023248		0.135	0.23	0.59	143	0.16	3.71	84.0	1.3
Q023249		0.106	0.07	0.21	110	0.18	1.32	99.2	<0.5
Q023250		0.108	0.33	0.30	144	0.21	6.03	322	<0.5
Q023251		0.078	0.61	0.80	109	0.14	3.02	58.0	0.6
Q023252		0.105	0.12	0.12	95	0.14	2.09	46.0	<0.5
Q023253		0.197	0.35	0.39	173	0.13	2.35	83.8	<0.5
Q023254		0.135	0.04	0.14	99	0.15	1.00	44.3	<0.5

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

ALS Canada Ltd.
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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.002	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.02	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.05	ME-MS41L Bi ppm 0.01	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.01	ME-MS41L Ce ppm 0.02	ME-MS41L Co ppm 0.1	ME-MS41L Cr ppm 0.5
Q023255		0.54	<0.005	0.0003	0.114	1.21	0.26	<10	16.8	0.08	0.38	0.52	0.08	2.26	33.6	508
Q023256		0.50	<0.005	0.0023	0.087	1.72	1.49	<10	52.2	0.05	0.23	0.76	0.05	1.31	37.9	224
Q023257		0.60	<0.005	0.0011	0.121	1.51	1.50	<10	48.7	<0.05	0.13	0.67	0.06	1.38	41.7	226
Q023258		0.62	<0.005	0.0008	0.086	1.84	1.41	<10	59.4	0.06	0.13	0.71	0.06	1.34	40.7	205
Q023259		0.62	<0.005	0.0023	0.200	1.69	1.85	<10	56.6	0.07	0.33	0.64	0.06	1.62	44.9	218
Q023260		0.52	<0.005	0.0031	0.266	1.59	1.65	<10	74.2	<0.05	0.20	0.79	0.11	1.47	52.8	194.5
Q023261		0.58	<0.005	0.0021	0.132	2.58	0.87	<10	98.6	0.27	0.07	0.71	0.07	0.70	35.5	289
Q023262		0.58	<0.005	0.0017	0.128	2.29	1.07	<10	76.4	0.30	0.07	0.71	0.07	0.79	36.0	321
Q023263		0.74	0.010	0.0098	0.389	1.93	2.09	<10	55.7	0.06	0.14	0.72	0.15	1.76	83.8	222
Q023264		0.70	<0.005	0.0024	0.153	1.79	1.60	<10	41.9	<0.05	0.09	0.57	0.06	0.88	36.4	329
Q023265		0.64	0.013	0.0158	0.331	2.02	3.41	<10	40.6	<0.05	0.38	0.45	0.06	1.35	47.6	247
Q023266		0.66	0.008	0.0108	0.418	2.69	4.97	<10	132.0	0.21	0.18	0.73	0.17	2.72	86.0	137.5
Q023267		0.52	0.100	0.0522	0.187	2.98	3.63	<10	34.3	0.29	0.62	0.30	0.17	5.25	61.5	104.0
Q023268		0.56	0.037	0.0138	0.384	2.12	3.52	<10	49.6	0.30	0.21	0.22	0.11	6.42	30.0	111.5
Q023269		0.66	0.016	0.536	0.217	2.07	2.59	<10	58.8	0.28	0.15	0.26	0.18	6.30	20.7	82.0

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ALS Canada Ltd.
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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME- MS41L Cs ppm 0.05	ME- MS41L Cu ppm 0.01	ME- MS41L Fe % 0.01	ME- MS41L Ga ppm 0.05	ME- MS41L Ge ppm 0.05	ME- MS41L Hf ppm 0.02	ME- MS41L Hg ppm 0.005	ME- MS41L In ppm 0.005	ME- MS41L K % 0.01	ME- MS41L La ppm 0.2	ME- MS41L Li ppm 0.1	ME- MS41L Mg % 0.01	ME- MS41L Mn ppm 1	ME- MS41L Mo ppm 0.01	ME- MS41L Na % 0.01
Q023255		2.17	28.4	4.72	3.71	0.14	<0.02	0.014	0.008	0.07	0.7	8.5	2.23	508	2.12	0.02
Q023256		1.40	377	4.61	4.70	0.15	<0.02	<0.005	0.011	0.18	0.6	11.0	2.28	386	18.95	0.02
Q023257		1.10	290	4.35	4.06	0.15	<0.02	0.007	0.012	0.26	0.7	10.0	1.93	393	10.80	0.03
Q023258		1.14	265	4.11	4.20	0.15	<0.02	<0.005	0.012	0.26	0.6	12.9	2.38	427	9.56	0.03
Q023259		1.48	407	4.96	4.67	0.15	<0.02	<0.005	0.013	0.29	0.8	11.0	2.19	434	20.9	0.02
Q023260		1.24	448	4.49	4.34	0.16	<0.02	0.006	0.010	0.36	0.8	10.3	2.10	412	15.95	0.02
Q023261		2.81	405	3.91	6.01	0.17	<0.02	<0.005	0.008	0.68	0.4	17.2	3.76	530	2.89	0.02
Q023262		2.15	366	3.94	5.66	0.19	<0.02	<0.005	0.009	0.53	0.4	15.6	3.29	494	3.22	0.02
Q023263		3.72	1300	5.20	6.70	0.14	0.02	0.006	0.011	0.58	0.9	13.5	2.36	367	17.40	0.02
Q023264		1.20	202	3.73	4.34	0.10	<0.02	0.007	0.011	0.19	0.4	14.6	2.26	410	3.72	0.02
Q023265		1.70	655	4.98	4.48	0.09	0.02	<0.005	0.013	0.23	0.5	15.2	2.28	419	26.5	0.02
Q023266		1.61	902	6.15	5.88	0.14	<0.02	0.011	0.014	0.44	1.3	18.0	2.33	821	24.5	0.02
Q023267		1.00	1185	6.83	10.80	0.15	<0.02	0.030	0.020	0.09	2.5	16.2	2.40	999	11.35	0.01
Q023268		1.07	882	5.50	6.77	0.06	<0.02	0.027	0.019	0.08	3.1	12.7	1.18	435	7.60	0.01
Q023269		0.85	356	4.00	6.27	<0.05	<0.02	0.047	0.013	0.06	3.1	10.7	0.91	775	2.65	0.01

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To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME- MS41L Nb ppm 0.05	ME- MS41L Ni ppm 0.1	ME- MS41L P % 0.001	ME- MS41L Pb ppm 0.01	ME- MS41L Rb ppm 0.1	ME- MS41L Re ppm 0.001	ME- MS41L S % 0.01	ME- MS41L Sb ppm 0.005	ME- MS41L Sc ppm 0.1	ME- MS41L Se ppm 0.1	ME- MS41L Sn ppm 0.2	ME- MS41L Sr ppm 0.2	ME- MS41L Ta ppm 0.01	ME- MS41L Te ppm 0.01	ME- MS41L Th ppm 0.1
Q023255		<0.05	95.8	0.010	27.2	3.9	<0.001	0.01	0.046	6.4	0.1	<0.2	4.1	<0.01	0.04	0.1
Q023256		0.07	90.5	0.025	7.77	11.4	0.004	0.04	0.100	7.9	0.5	<0.2	22.3	<0.01	0.07	0.1
Q023257		0.05	82.9	0.028	4.55	13.8	0.001	0.04	0.116	7.6	0.4	<0.2	21.6	<0.01	0.06	0.1
Q023258		0.07	89.8	0.028	3.93	12.5	0.002	0.04	0.104	7.0	0.5	<0.2	27.1	<0.01	0.06	<0.1
Q023259		0.06	88.1	0.029	14.45	20.6	0.003	0.06	0.122	8.3	0.8	<0.2	23.4	<0.01	0.08	0.1
Q023260		0.09	91.6	0.047	6.07	20.6	0.005	0.12	0.104	7.0	0.8	<0.2	24.2	<0.01	0.07	0.1
Q023261		<0.05	129.0	0.016	2.20	29.2	<0.001	0.03	0.134	5.8	0.1	<0.2	41.5	<0.01	0.04	<0.1
Q023262		<0.05	118.0	0.017	1.94	25.0	<0.001	0.03	0.147	5.8	0.3	<0.2	47.8	<0.01	0.05	<0.1
Q023263		0.10	174.5	0.071	1.77	41.7	0.008	0.04	0.114	9.6	1.1	<0.2	13.7	<0.01	0.09	0.1
Q023264		<0.05	106.5	0.020	1.70	15.5	0.001	0.02	0.136	7.4	0.4	<0.2	23.3	<0.01	0.05	0.1
Q023265		0.07	124.5	0.036	2.19	16.1	0.001	0.05	0.232	10.6	1.4	<0.2	18.3	<0.01	0.16	0.1
Q023266		0.10	92.6	0.082	2.28	29.3	0.005	0.09	0.275	5.8	2.9	0.2	76.0	<0.01	0.15	0.2
Q023267		0.11	100.0	0.109	3.25	9.6	0.001	0.06	0.159	5.8	0.8	0.2	36.5	<0.01	0.63	0.1
Q023268		0.14	62.3	0.102	3.28	12.3	0.001	0.06	0.238	2.4	0.9	0.2	34.6	<0.01	0.27	0.1
Q023269		0.26	39.6	0.157	3.15	12.2	0.001	0.07	0.171	0.8	0.4	0.3	33.2	<0.01	0.10	<0.1

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VANCOUVER BC V6C 3A8

Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Sample Description	Method Analyte Units LOR	ME-MS41L Tl % 0.001	ME-MS41L Tl ppm 0.02	ME-MS41L U ppm 0.05	ME-MS41L V ppm 1	ME-MS41L W ppm 0.01	ME-MS41L Y ppm 0.05	ME-MS41L Zn ppm 0.1	ME-MS41L Zr ppm 0.5
Q023255		0.078	0.07	0.16	80	0.08	1.52	37.9	<0.5
Q023256		0.133	0.09	0.10	96	0.37	1.79	31.2	<0.5
Q023257		0.139	0.10	0.10	102	0.44	1.83	24.8	<0.5
Q023258		0.141	0.10	0.09	93	0.39	1.98	26.8	<0.5
Q023259		0.130	0.17	0.12	102	0.42	1.84	24.6	<0.5
Q023260		0.120	0.14	0.10	86	0.54	1.79	31.5	<0.5
Q023261		0.130	0.13	0.09	64	0.49	0.86	36.1	<0.5
Q023262		0.122	0.11	0.08	64	0.50	0.88	31.0	<0.5
Q023263		0.135	0.24	0.15	104	0.48	3.51	31.1	0.5
Q023264		0.111	0.09	0.05	83	0.26	1.50	28.4	<0.5
Q023265		0.127	0.15	0.29	85	0.36	2.69	28.0	0.5
Q023266		0.230	0.16	0.15	165	0.65	2.67	88.0	0.5
Q023267		0.106	0.06	0.31	204	0.91	4.47	66.6	<0.5
Q023268		0.072	0.06	0.31	143	0.42	2.82	36.7	<0.5
Q023269		0.043	0.04	0.35	109	0.33	2.13	38.3	<0.5

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

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To: COMMANDER RESOURCES LTD.
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VANCOUVER BC V6C 3A8

Total # Appendix Pages: 1
Finalized Date: 24- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12181725

Method	CERTIFICATE COMMENTS
ME- MS41L	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 3A8

Finalized Date: 31- AUG- 2012
Account: RESCOM

CERTIFICATE VA12191602

Project: Omineca
P.O. No.:
This report is for 12 Rock samples submitted to our lab in Vancouver, BC, Canada on 15- AUG- 2012.
The following have access to data associated with this certificate:

STEVE POTTS		

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP61	33 element four acid ICP- AES	ICP- AES
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE
PGM- MS23	Pt, Pd, Au 30g FA ICP- MS	ICP- MS
Au- AA25	Ore Grade Au 30g FA AA finish	AAS

To: COMMANDER RESOURCES LTD.
ATTN: STEVE POTTS
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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

To: COMMANDER RESOURCES LTD.
1111 MELVILLE STREET, 11TH FLOOR
VANCOUVER BC V6C 3A8

Finalized Date: 31- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12191602

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
Q023951		0.42	>1.00	0.0122	0.001	2.24	55.5	0.48	<5	240	<0.5	60	0.06	<0.5	1	444
Q023952		0.82	0.295	0.0163	0.576		6.7	0.26	15	40	<0.5	<2	2.56	0.8	870	7
Q023953		0.68	0.010	0.0078	0.018		0.5	7.92	<5	970	<0.5	<2	5.69	<0.5	23	56
Q023954		0.80	0.001	0.0037	0.002		<0.5	1.40	<5	200	<0.5	<2	11.00	1.0	36	525
Q023956		1.26	0.004	0.0009	0.001		9.5	1.98	<5	170	<0.5	52	0.16	0.6	3	19
Q023971		0.52	0.047	0.0010	0.004		5.7	1.12	<5	60	<0.5	<2	11.95	2.3	123	83
Q023972		0.44	0.035	0.0013	0.003		0.5	8.63	<5	4400	<0.5	<2	0.80	<0.5	20	109
Q023979		0.54	0.002	0.0077	0.001		<0.5	1.48	<5	50	<0.5	<2	12.35	<0.5	45	490
Q023994		0.72	0.008	0.0042	0.013		0.7	6.45	<5	750	<0.5	2	7.57	1.6	150	122
Q023995		0.62	0.002	0.0219	0.002		<0.5	0.94	<5	40	<0.5	<2	10.25	<0.5	66	1295
Q023996		1.56	0.018	0.0005	<0.001		<0.5	2.53	<5	160	<0.5	<2	11.00	0.9	48	133

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VANCOUVER BC V6C 3A8

Finalized Date: 31- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12191602

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	1	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1
Q023951		319	8.52	<10	0.37	<10	0.08	89	2	0.02	4	20	3130	0.40	7	6
Q023952		>10000	44.9	10	0.26	<10	0.17	142	<1	0.02	5400	>10000	<2	>10.0	<5	2
Q023953		225	7.92	20	2.20	<10	3.38	1355	1	2.07	113	1540	10	0.27	6	29
Q023954		17	5.89	10	0.52	<10	6.14	2040	<1	0.02	84	30	70	0.10	<5	73
Q023956		9	0.39	20	0.90	<10	0.16	76	7	1.09	3	10	3070	0.06	<5	1
Q023971		5780	10.75	10	0.35	<10	7.31	3750	<1	0.62	108	30	18	2.86	8	40
Q023972		365	6.95	20	4.73	<10	1.44	796	1	2.90	17	200	9	0.53	7	12
Q023979		314	5.53	<10	0.53	<10	8.96	1185	<1	0.36	121	80	2	0.03	<5	79
Q023994		8440	7.37	20	2.43	<10	7.26	1495	<1	1.47	377	80	<2	0.03	7	38
Q023995		38	5.35	<10	0.04	<10	12.40	1215	<1	0.16	243	30	3	0.11	<5	61
Q023996		1820	7.43	10	0.63	<10	8.35	2090	<1	0.58	76	20	<2	<0.01	<5	130

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VANCOUVER BC V6C 3A8

Finalized Date: 31- AUG- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12191602

Sample Description	Method / Analyte / Units / LOR	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Tl % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Cu- OG62 Cu % 0.001
Q023951		11	<20	0.03	<10	<10	41	90	17	
Q023952		18	<20	0.02	<10	10	990	<10	25	1.160
Q023953		458	<20	0.52	<10	<10	369	<10	74	
Q023954		726	<20	0.26	<10	<10	160	<10	123	
Q023956		53	<20	0.02	<10	<10	8	<10	5	
Q023971		149	<20	0.08	<10	<10	221	<10	144	
Q023972		198	<20	0.45	<10	<10	246	10	48	
Q023979		49	<20	0.16	<10	<10	102	<10	53	
Q023994		204	<20	0.39	<10	<10	206	<10	187	
Q023995		63	<20	0.11	<10	<10	59	<10	58	
Q023996		60	<20	0.37	<10	<10	162	<10	193	

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VANCOUVER BC V6C 3A8

Finalized Date: 5- SEP- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12193436

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	ME- MS41L Au ppm 0.0002	ME- MS41L Ag ppm 0.002	ME- MS41L Al % 0.01	ME- MS41L As ppm 0.02	ME- MS41L B ppm 10	ME- MS41L Ba ppm 0.5	ME- MS41L Be ppm 0.05	ME- MS41L Bi ppm 0.01	ME- MS41L Ca % 0.01	ME- MS41L Cd ppm 0.01	ME- MS41L Ce ppm 0.02	ME- MS41L Co ppm 0.1	ME- MS41L Cr ppm 0.5	ME- MS41L Cs ppm 0.05
O023321		0.64	0.0082	0.155	1.98	19.85	<10	62.8	0.17	0.12	1.17	0.19	6.78	23.7	55.7	0.81

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

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Finalized Date: 5- SEP- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12193436

Sample Description	Method	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.05	0.05	0.02	0.005	0.005	0.01	0.2	0.1	0.01	1	0.01	0.01	0.05
Q023321		94.6	6.00	6.13	0.07	0.06	0.044	0.016	0.04	3.8	13.2	1.02	771	1.02	0.04	0.32

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Project: Omineca

CERTIFICATE OF ANALYSIS VA12193436

Sample Description	Method	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L	ME- MS41L
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Tl
	Units	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	0.001	0.01	0.1	0.001	0.01	0.005	0.1	0.1	0.2	0.2	0.01	0.01	0.1	0.001
Q023321		29.7	0.069	6.47	3.1	0.001	0.02	0.382	10.2	1.2	0.2	68.1	<0.01	0.05	0.4	0.083

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CERTIFICATE OF ANALYSIS VA12193436

Sample Description	Method Analyte Units LOR	ME- MS41L Tl ppm 0.02	ME- MS41L U ppm 0.05	ME- MS41L V ppm 1	ME- MS41L W ppm 0.01	ME- MS41L Y ppm 0.05	ME- MS41L Zn ppm 0.1	ME- MS41L Zr ppm 0.5
Q023321		0.02	0.26	226	0.16	10.00	65.8	1.3

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

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Finalized Date: 5- SEP- 2012
Account: RESCOM

Project: Omineca

CERTIFICATE OF ANALYSIS VA12193436

Method	CERTIFICATE COMMENTS
ME- MS41L	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

APPENDIX IV

Statement of Expenditures

STATEMENT OF EXPENDITURES (excluding HST)

Abe	Details	time	rate	Total
Project Planning & Supervision	S. Potts	2	$610 /day	1220.00
Data Compilation and Map prep	L. Grexton	34.0	$ 54 per hour	2,433.00
Field Personnel	Field crew ï J. Harris, C. Cooper	8	$450/day	3,600.00
	J. McKenzie (Geological Field Technician)	16	$225 per day	3,600.00
	S. Potts (Geologist)		$ per day	5,167.00
Field Supplies	(flagging, sample bags, shipping bags)			1,434.00
Sample Processing & Analyses	ALS Chemex, North Vancouver			
	rock	11	$44.90 /sample	539.00
	soil	173	$47.51 /sample	8,219.00
	silt	0	$ /sample	
Transportation	Visa Truck Rental & Fuel			2228.00
	Interior Helicopters Ltd 1.6 hours @$1137.00 per hour)	9.2	$ 1137.00/hour	10460.00
	Travel (including Food & Lodging)			988.00
Communication	Glentel Inc. (radio rental), Sat Phone			515.00
Camp Rental	Rugged Edge Holdings Ltd.			625.00
Camp Supplies	(paper plates, garbage bags, tarps)			230.00
Camp Food				569.00
Shipping	**Freight & Courier**			245.00
Report	L. Grexton (maps & summaries, expenditures)	2	@ $320/day	640.00
	J. McKenzie (field notes, data compilation, logistics)			
	S. Potts	2	@ $610/day	1,220.00
			Subtotal	43,930.00
	Miscellaneous (5%)			2,196.00
			TOTAL	$ 46,126.00

* Values rounded to nearest dollar

APPENDIX V

Statement of Qualifications

I, Steve Potts, with business address at 11th floor, 1111 Melville Street, Vancouver, B.C. V6E 3V6, hereby certify that:

- I am a practising Geologist, located in Delta B.C.
- I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (Licence 33654).
- I hold a Bachelor of Science (B.Sc. Hons) in Geology and Geography (1988) from the University of Leeds, U.K.
- I have been practicing my profession as a geologist since graduation in 1988.
- I am Vice President of Exploration and therefore have a direct interest in the operations of Commander Resources Ltd.
- I have based this report on:
  - Field work conducted by myself and carried out under my supervision.
  - Assisted on historical research and compilation of data by Ms. L Grexton and Mr. J. Mckenzie.
- I consent to the use of this report for any Filing Statement, Statement of Material Facts, or support document.

Steve Potts B.Sc. P.Geo.

328000 mE

329000 mE

330000 mE

6249000 mN

6248000 mN

6247000 mN

514561

514577

514579

1.16% Cu, 295 ppb Au, 0.57 g/t Pd, 0.54% Ni

Q023952 gossanous, pyrite

Q023953 225 10 sulfides, gossanous

Drill Pad 07-04

N

utm

2012 CAMPSITE

PYROXENITE

shear

scree

no outcrop

Major Fold Axis

ULTRAMAFIC

Quartz Feldspar Dyke

Minor Fold Axis

skree

MONZONITE DYKE

Andesite

20°

25°

70°

0 250 m

NTS 94C/4E UTM Datum: Nad 83 Zone 10

LEGEND

- 2012 Geology and Prospecting Traverse
- 2012 Rock Sample Location
- 902 10.8 — 2012 Rock Sample with Cu and Au result
- 2012 Soil Sample Location
- 902 Cu ppm / 10.8 Au ppb — 2012 Soil Sample with Cu and Au result
- Q23994 — 2012 Sample Number
- Geological Contact

FIGURE 5

2012 sample locations, results and prospect traverses