

**BC Geological Survey  
Assessment Report  
33473**

Assessment Report

**2012 Geochemical Sampling  
And  
Data Compilation Report  
On The  
Brenda Project  
Tenure Worked On: 807982**

Located In The Trepanege Plateau Area  
Southern British Columbia  
Nicola Mining Division  
NTS: 092H16  
BCGS: 092H090  
Latitude 49° 53' North and Longitude 120° 02' West

By  
Bernie Kreft  
(owner, operator, author)

November 23<sup>rd</sup>, 2012



## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT: Geochemical Sampling**

**TOTAL COST: \$6,156.63**

AUTHOR(S): Bernie kreft

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): no surface disturbances

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5413175

YEAR OF WORK: 2012

PROPERTY NAME: Brenda

CLAIM NAME(S) (on which work was done): Brenda SE (807982)

COMMODITIES SOUGHT: Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Nicola

NTS / BCGS: 092H16/092H090

LATITUDE: 49° 53'     "

LONGITUDE: 120° 02'     " (at centre of work)

UTM Zone: 10      EASTING: 713000      NORTHING: 5529300

OWNER(S):

Bernard kreft

MAILING ADDRESS: 1 Locust Place, Whitehorse Yukon, Y1A 5G9

OPERATOR(S) [who paid for the work]: as above

MAILING ADDRESS: as above

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

Nicola group volcanics, silicification, gold, bismuth, tungsten, quartz veins, Brenda Mine area

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

22304, 23255, 23919, 24469, 25043

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for ...)</b>			
Soil	84 Au-AA23 Me-ICP41	807982 Brenda SE	\$6,156.63
Silt			
Rock	5 Au-AA23 Me-ICP41	807982 Brenda SE	incl above
Other			
<b>DRILLING (total metres, number of holes, size, storage location)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale/area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		<b>TOTAL COST</b>	\$6,156.63

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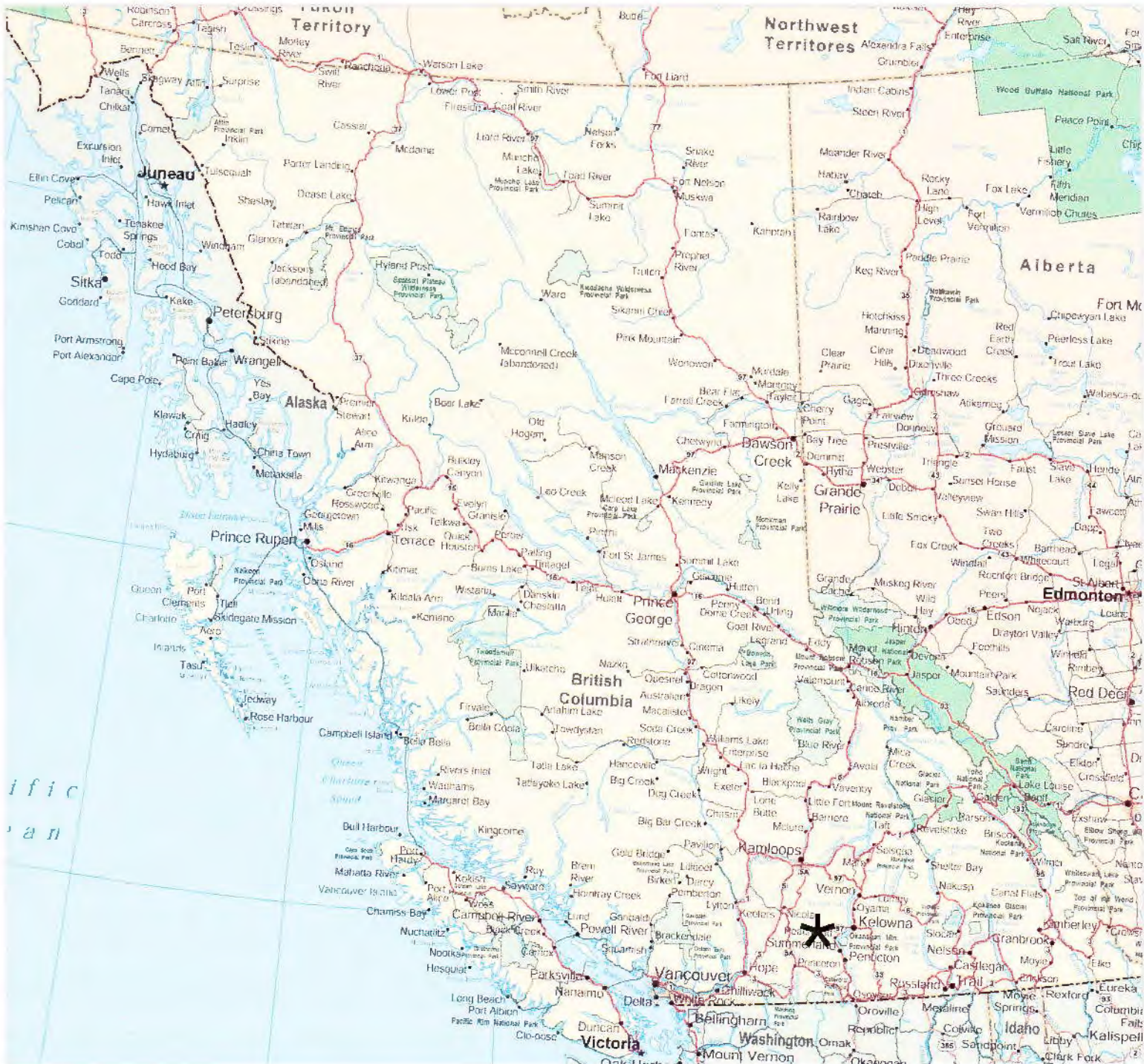
**Summary** – The Brenda Project (“the Project”) is located in southern British Columbia, approximately 42 kilometres west-southwest of Kelowna, approximately 2 kilometres west of the Brenda Mines open pit and 20 kilometres east of the Fairfield/Almadden Siwash/Elk high-grade gold mine. A compilation of historical exploration data pertaining to the Project area shows a cluster of gold bearing rock samples grading up to 112,000 ppb Au located along a powerline right of way south of Brenda Lake. Limited trenching in the general vicinity encountered values of up to 1.4 oz/ton Au over 2.1 feet, while a 5 hole 125 metre drill program returned results of up to 0.019 oz/ton gold. A program of soil geochemical sampling and prospecting, conducted in an effort to verify these historical values, resulted in the collection of 5 rock samples and 84 soil samples. Rock sampling results include 12.25 ppm Au (along with highly anomalous bismuth and tungsten) from a 3.0 metre chip sample of quartz veined and silicified volcanics, while soil sampling returned scattered anomalous values of up to 0.039 ppm gold. Results are encouraging and a first phase program consisting of detailed prospecting and chip/channel sampling in conjunction with a soil orientation survey is recommended.

**Location And Access** – The Project is located in the Trepanege Plateau area of southern British Columbia near the headwaters of Peachland and Pennask Creeks, just south of Brenda Lake and approximately 2.0 kilometres west of the open pit of the past producing Brenda Cu-Mo mine. The nearest community is Peachland located approximately 24 kilometres to the southeast. The 2012 work area is located in the northeast corner of the 1:250,000 Hope Mapsheet, on BCGS mapsheet 092-H-90 centred at approximate coordinates of latitude 49° 53' north and longitude 120° 02' west.

The Project is located 3.5 kilometres south of the Coquihalla Connector (Highway 97c). A well developed series of gravel logging roads provides ready access to the Project area. Several access routes are possible; the preferred method of access is to follow the Peachland Creek logging road departing from the community of Peachland Creek, alternate access can be gained from highway 97c via the Sunshine Main logging road. A BC Hydro powerline cuts diagonally through the middle of the property.

**Topography And Vegetation** – Elevations range from 1839m at the peak of the hill central to the Project claim, to 1710 metres on the shore of Brenda Lake. Slopes are moderate with some local, very steep, rocky bluffs and canyons especially along Peachland Creek. Bedrock exposure consists of sporadic windows through the ubiquitous till, except for along the steep north bank of Peachland Creek where numerous sections of bedrock are exposed. Glacial till is widespread, varying in depth from a thin veneer to likely at least 10 metres or more adjacent to Brenda Lake. Glacial movement was generally from the north to south or southeast with minor local variations due to topography. The area is densely forested with pine, spruce, balsam, and fir. Recent, clear-cut logging is located near the west edge of the Project claim. Annual temperatures range from -25° c to 30° C and precipitation is moderate. The area is generally snow-free from June through mid October. See below for a Google Earth snapshot of the area.





Property Location Map (Provincial)  
 To Accompany Brenda Project Assessment Report

**\*** = Property Location

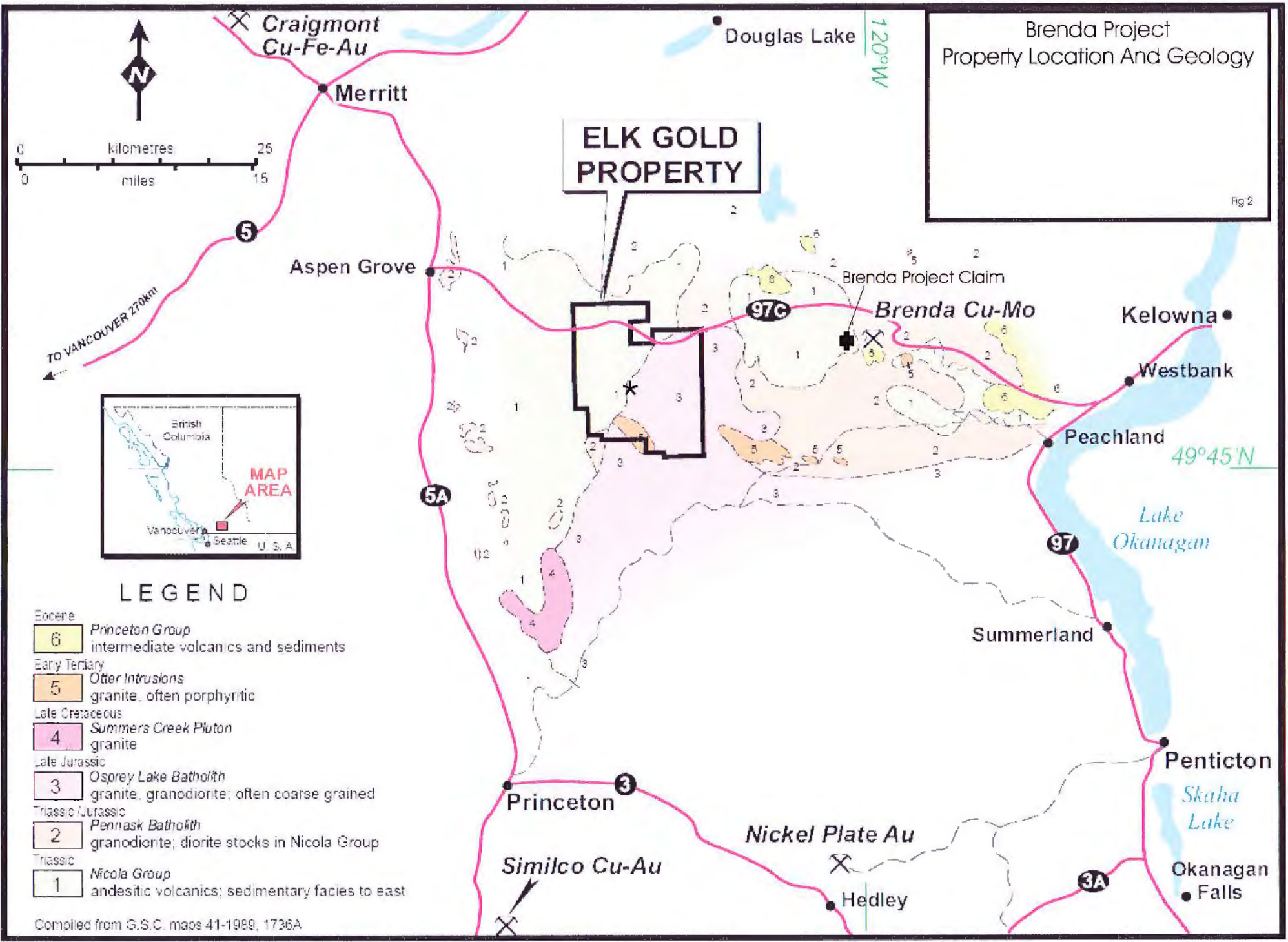
Date Drawn: November 23rd, 2012  
 Drawn By: Bernie Kreft

Fig 1



Brenda Project  
Property Location And Geology

Fig 2



LEGEND

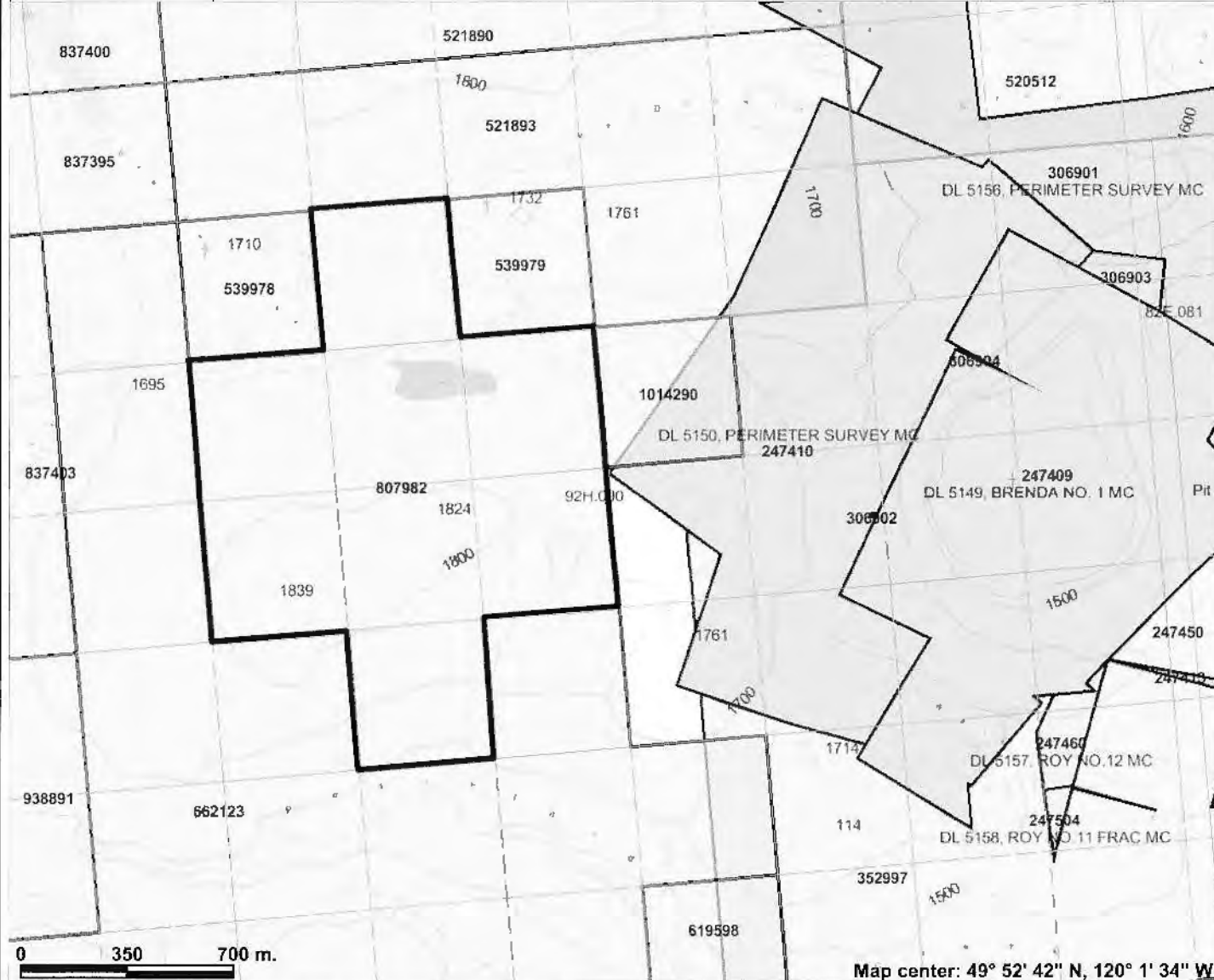
- Eocene**
- 6 Princeton Group  
intermediate volcanics and sediments
- Early Tertiary**
- 5 Otter Intrusions  
granite, often porphyritic
- Late Cretaceous**
- 4 Summers Creek Pluton  
granite
- Late Jurassic**
- 3 Osprey Lake Batholith  
granite, granodiorite; often coarse grained
- Triassic/Jurassic**
- 2 Pennask Batholith  
granodiorite; diorite stocks in Nicola Group
- Triassic**
- 1 Nicola Group  
andesitic volcanics; sedimentary facies to east

Compiled from G.S.C. maps 41-1989, 1736A





# Claim Map Brenda Project

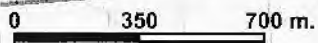


### Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)**
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)**
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)**
- Contour - Index
- Contour - Index, Indefinite
- Contour - Index, Depression
- Contour - Index, Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate, Indefinite
- Contour - Intermediate, Depression

Map center: 49° 52' 42" N, 120° 1' 34" W

Scale: 1:19,999



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

**Property Title** – The Project consists of 1 mineral claim, tenure number 807982, totalling 166.55 hectares staked using the BC Government's Mineral Titles Online (MTO) staking system. Bernard Kreft owns a 100% interest in and to this claim with no underlying royalties, option agreements or other encumbrances.

**Property Exploration History** – Mineral exploration and development in the vicinity of the Project has been dominated by the exploration and development of porphyry copper-molybdenum deposits and vein or shear hosted gold targets best exemplified by Brenda Mines and Siwash/Elk respectively.

At Brenda Mines, a copper-molybdenum porphyry deposit saw production totalling 177 million tonnes grading 0.169 % Cu and 0.043 % Mo, between 1970 and 1990. The deposit is hosted by quartz diorite of the Brenda Stock, which is part of the much larger Pennask Batholith. It has been described as a belt of Cu-Mo mineralization extending northeasterly from the Nicola volcanic-Brenda stock contact and reaching depths of more than 300 metres below surface. Chalcopyrite and molybdenite are the principal sulphide minerals and are found almost entirely in fine, fracture-filling veinlets accompanied by minor pyrite. The Brenda deposit, unlike most porphyry copper systems, exhibits only weak hydrothermal alteration and low sulphide mineral content, comprising 1.0 to 1.5% metallic mineralization (MinFile Report 92HNE047).

At Siwash/Elk, open pit and underground mining from 1992 to 1995 produced 51,750 ounces of gold from 18,400 tons of ore averaging about 2.8 oz/ton gold (Almaden Minerals Ltd website). The property is underlain by Upper Triassic volcanics and sediments of the Nicola Group and by Middle Jurassic granite and granodiorite of the Osprey Lake Batholith. Gold-silver mineralization is hosted primarily by pyritic quartz veins and stringers 5-70 centimetres thick cutting sericitic to phyllic altered granite and in some cases volcanic rocks. Gold occurs primarily in its native form and is commonly found in association with pyrite along with anomalous amounts of bismuth and copper. Mineralized features generally strike ENE and dip moderately or steeply to the south. Mineralization is thought to be related to Tertiary tectonic and intrusive events as inferred from cross-cutting relationship, assuming the veins are indeed Tertiary in age, late stage Otter intrusive (early tertiary) activity may have acted as the heat source to drive the mineralizing fluids (AR# 29009).

Other than Fairfield's regional gold exploration activities (unpublished reports) which started in 1986, the only documented previous mineral exploration in the area of the Brenda Project occurred in the late 1960's and revolved around the search for copper-molybdenum mineralization similar to Brenda Mines. A chronological summary of publicly available exploration data subsequent to the staking of the project by Fairfield Minerals in 1990 is as follows:

Fairfield Metals – Pen Claims – AR#22304 – 1991 – Work consisted of a large scale soil sample grid with samples taken at 50 metre intervals on lines 400 metres apart yielding a total of 3287 soil samples. General prospecting and rock sampling was also undertaken. Soil geochemistry results showed numerous anomalies scattered throughout the grid area with several clusters of anomalous values including one grouping on the current Brenda Project claim with values of up to 81 ppb gold. Prospecting encountered several float and outcrop samples which returned anomalous values of up to 5400 ppb gold, none of which were sourced from the Project claim.

Fairfield Metals – Pen Claims – AR#23255 – 1993 – Prospecting and rock sampling of soil anomalies defined during the 1991 work program resulted in the discovery of limonitic quartz veins in float and outcrop, analyses of which returned up to 35,800 ppb gold and 441 ppm bismuth. These samples were located along the powerline right of way central to the Project claim.

Fairfield Metals – Pen Claims – AR#23919 – 1994 – Further prospecting and rock sampling along the powerline encountered several new areas of limonitic quartz vein float mineralized with visible gold and possible bismuthinite analyses of which returned up to 12,700 ppb gold. Trenching 150 metres north of these samples exposed medium grained diorite cut by occasional narrow fine-grained feldspar porphyry dykes and numerous northeast striking limonitic and vuggy quartz veins. Chip/channel sampling of the quartz veins returned results of 2.1 metres grading 0.045 oz/ton gold as well as 0.65 metres grading 1.4 oz/ton gold. Trenching statistics show a total of 122.2 linear meters of trench, from which 21 chip and grab samples were taken. Anomalous gold values are associated with highly anomalous values of bismuth to 130 ppm and tungsten to 249 ppm.

Fairfield Metals – Pen Claims – AR#24469 – 1995 – Further prospecting resulted in 6 samples one of which was a 5 centimetre wide quartz vein grading 112,000 ppb Au and 2881 ppm Bi located in outcrop just uphill from the quartz float grading 12,700 ppb gold found the previous year. A 5-hole 125 metre drill program was designed to test the veins located by 1994 trenching. Hole collars were located at least 25 metres back from the best trench results with 2 holes drilled vertical, 2 holes oriented southwest and one hole oriented southeast. Assuming an ENE structural control to the veins and a moderate to steep dip, similar to Elk/Siwash, the short drill program could easily have missed the intended target. It should also be noted that the area with the highest bedrock gold grades was not tested by this drilling.

Fairfield Metals – Pen Claims – AR#25043 – 1994 – A limited scale (18 samples) soil sampling program designed to test the reproducibility of previous results and to provide infill sampling was conducted. One sample site which had previously returned 46 ppb Au was re-sampled and returned 430 ppb Au, while the infill sampling failed to encounter anomalous gold values in the vicinity of the area previously trenched and drilled.

This synopsis of historical exploration data suggests that the gold mineralization located within the Brenda Project claim represents a series of high-grade structurally controlled quartz veins similar to Elk/Siwash, possibly existing as part of a more widespread intrusive related system characterized by silicification, quartz veining, visible gold, anomalous tungsten and bismuth but otherwise limited amounts of sulphides.

**Regional Geology** – Regional geology in the area of the Brenda Project is shown on the northeast part of GSC Map 41-1989, Hope, by J.W.H. Monger, 1989 and the northwest part of GSC Map 1736A, Penticton, by D.J. Templeman-Kluit, 1989 which are condensed on Figure 1. The area is underlain predominantly by a large pendant consisting of volcanic and sedimentary rocks of the Upper Triassic Nicola Group in contact to the east with granodiorite of the Late Triassic to Early Jurassic Pennask Batholith. Nicola Group lithologies consist of felsic to mafic flows and tuffs interspersed with argillite, siltstone and limestone units. The batholith is comprised of white to grey, medium to fine grained granodiorite. Widespread silicification and bleaching of argillite and volcanic rocks is present near intrusive contacts. Quartz veining is locally abundant, and is generally concentrated near the edges of the batholith and within the adjacent silicified volcanics and to a lesser extent the sediments. Early Tertiary feldspar porphyry stocks and dykes of the Otter Intrusions occur throughout the area. Porphyry style copper-molybdenum mineralization has been mined from Pennask Batholith intrusive rocks at the Brenda deposit near the east contact of the Nicola pendant, immediately east of the Project claim, while high grade gold veins, best developed within the edge of the intrusive and adjacent silicified volcanics, have been exploited on the Elk/Siwash property located approximately 24 kilometres to the west.

**Property Geology** – Due to widespread till cover little property scale geological mapping has been completed. The gold bearing occurrences within the Project claim are concentrated within an area

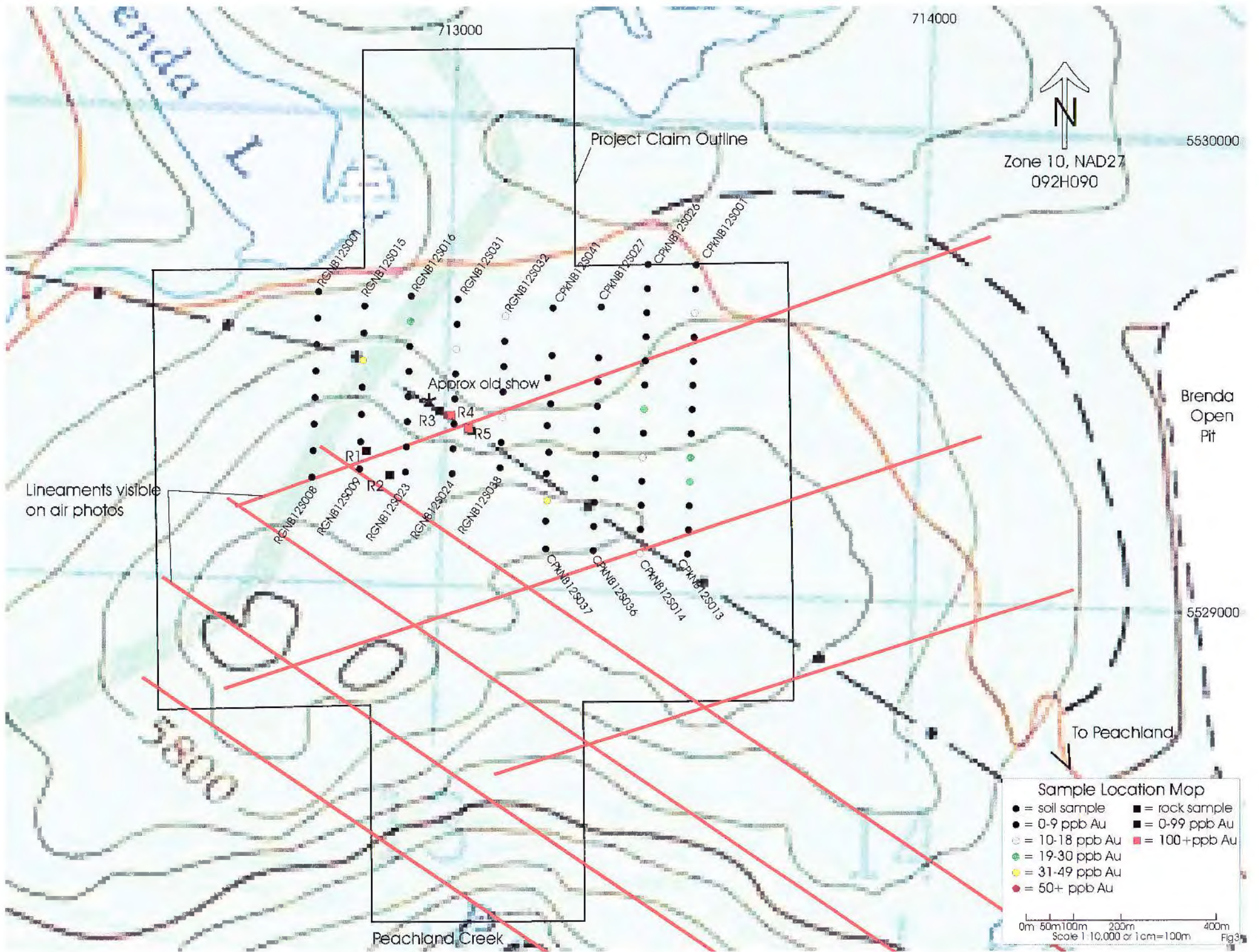
measuring about 450 metres in diameter. Highest gold values are found in northeast striking limonitic and vuggy quartz veins hosted by diorite (phase of Pennask Batholith?) and altered Nicola volcanics cut by feldspar porphyry dykes (Otter Intrusions?). Grab and chip samples from, or near, the main vein showings (Trench PE94-1) yielded gold values up to 1.40 oz/ton over 0.65 meters, with associated anomalous bismuth and tungsten. Drilling at this locality in 1995 intersected several quartz veins from 1 cm to 35 cm in width, however, gold values were low. Approximately 150 meters to the southeast of Trench PE94-1, visible gold and bismuth mineralization are present in quartz float and outcrop. Grab samples from this occurrence have returned analyses up to 112,000 ppb Au and 2881 ppm Bi.

**Current Work and Results** – Work consisted of soil sampling and prospecting designed as an attempt to verify previous results. A total of 84 soil samples, averaging 0.38kg in weight, were taken on lines spaced 100 meters with sample intervals of from 50 to 100 meters. Sampled material consisted of B horizon material found at depths of from 10-25 centimetres. A total of 5 rock samples averaging 2.7 kilograms in weight were taken. Samples were sent to Chemex in Vancouver, with rocks prepared using Prep Code 31 and soils using Prep Code 41, all samples were analyzed using their Au-AA23 (30g gold fire assay with AA finish) and ME-ICP41 (41 elements via aqua regia digestion) packages. CJGreig And Associates, based in Penticton BC, conducted the fieldwork portion of this program.

Results from the analyses of soil samples show a few scattered weakly to moderately anomalous values for gold, a small cluster of samples with moderately to highly anomalous amounts of arsenic, while values for remaining elements are at or near background levels. These results are generally comparable to results from the various Fairfield soil sample surveys which also show scattered anomalous gold values with a few rare clusters. It should be noted that the known area of auriferous bedrock mineralization does not report to the grid soil sampling conducted to date.

Prospecting and rock sampling resulted in the collection of 5 rock samples, highlighted by a 3.0 meter chip/grab sample consisting of a quartz veined and silicified volcanic with local seams and blebs of sulphides grading 12.25 ppm gold, 40 ppm bismuth and 90 ppm tungsten. This sample confirms the presence of high grade auriferous veining on the Project claim, and suggests potential for zones of greater width than previously identified on the property.

**Geochemical Exploration Methods** – Soil geochemistry is generally an excellent tool for locating and defining mineralized zones on a property scale, and as such has been the main method of exploration used in the Brenda Project area, however there are issues with conducting soil geochemistry programs in glaciated terrain. In glaciated terrain the soil parent material type is far more important than the soil horizon information. Soil derived from locally weathered bedrock is excellent material for assaying, however it can be assumed that in glaciated terrain there will be some variance in the amount of this material from sample to sample and a wide variance from different topographical regions. Glacial processes can increase the size of the exploration targets, both in length and width, by dispersing material down-ice from mineralized zones, but they also reduce the grade of the mineralized material very rapidly through dilution with surrounding un-mineralized material. Highly anomalous to ore grade metal levels in rock may translate as only a very slight enrichment in till. To help alleviate the problems of sampling till it is recommended to use a power auger to obtain samples closer to the base of the overburden, as samples derived from deeper in the soil column will have a higher component of locally derived sediment and provide a data set that is more meaningful for identifying local mineralization. Notes on soil parent material as well as estimations on the amount of locally derived material present will further enhance the data set. A less common method of “seeing” through till involves the use of biogeochemical sampling methods. Various field studies have recommended the sampling of tree tops, bark, or decomposed



organics found at the base of the A horizon, with all methods showing some promise and applicability for gold exploration in this terrain.

In summary, soil sampling has been a common exploration method used in the exploration of the Brenda Project area, but results to date have completely failed to identify the known mineralization. To enhance the value of further soil sampling programs in this area, significant consideration will need to be given to surficial geology when designing, undertaking and interpreting results there from. A recommended first step in the further exploration of this property will be a small orientation survey designed to test the applicability of various geochemical sampling methods in an effort to define a method that most rapidly and effectively identifies the known areas of auriferous bedrock mineralization.

**Conclusions** – Although a significant amount of work including drilling, trenching and widespread soil sampling has been completed on the Project claim to date, significant exploration upside remains due to the poorly designed nature of this work resulting in an overall improper test of the Project's exploration potential. A testament to the exploration upside of the Project is the ease at which an outcrop grading 12.25 ppm gold over 3.0 metres was discovered by 2012 fieldwork. This sample not only highlights the under-explored nature of the Project, but suggests potential for stockwork or sheeted vein zone(s), the presence of which would significantly enhance tonnage potential over the simple narrow veins discovered to date. Given that the known bedrock mineralization was not identified by the soil sampling conducted to date, and that much of the rest of the exploration work is of both questionable quality, and is concentrated in a small area of the claim, exploration upside is considered excellent.

**Recommendations** – Further work is recommended. The initial phase should consist of detailed prospecting and chip/channel sampling concentrated in the area of the known showings, along with a geochemical sampling orientation survey designed to test the suitability of various sampling methods in this terrain. Pending favourable results from the prospecting and sampling portion of first phase, a moderate scale trenching and sampling program is recommended to test for extensions to mineralization exposed on surface. Pending the identification of a geochemical sampling method that can successfully and reliably detect bedrock mineralization, the property should be covered by a sampling grid with samples at 25 meter intervals on north-south lines 100 meters apart.

**Statement Of Qualifications**

I, Bernie Kreft, directed the exploration work described herein.

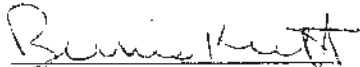
I have over 25 years prospecting experience in the Yukon and British Columbia.

This report is based on fieldwork directed by the author and conducted by CJGreig And Associates, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed during the 2012 field season.

This report is based on fieldwork completed in the Brenda Mines area.

Respectfully Submitted,

  
Bernie Kreft

**Statement Of Costs**

CJGreig And Associates (field crew, travel, sample collection etc)	\$1,507.80
CJGreig And Associates (truck plus kilometres charge)	\$235.00
ALS Minerals (Au-AA23 and ME-ICP41 on 89 samples)	\$2,620.66
Report Preparation (Bernie Kreft)	<u>\$1,500.00</u>
	Total = \$5,863.46
5% management fee	<u>\$293.17</u>
	Grand Total = \$6,156.63

Invoices and receipts to support this statement of costs are held on file at my office. If you require copies of this data please contact the author.



Station	Property	Type	UTME	UTMN	Note	Weigh	Au	Au Grav	Ag	As	Bi	Cu	Mo	Pb	Sb	W
RGNB12R001	Brenda	Rock	712712	5529649	GRAB fine dk grey silicic rx w/ stringers and diss sulph	3	<0.005		0.2	4	<2	16	1	15	<2	<10
RGNB12R002	Brenda	Rock	712765	5529598	GRAB - silicic laminated rx w/ diss py and qtz vn	1.78	0.006		0.2	20	<2	89	3	2	<2	450
RGNB12R003	Brenda	Rock	712870	5529552	FLOAT - heavily silicic + qz veined rx w/ blebs of py	2.96	0.099		<0.2	<2	<2	141	1	<2	<2	<10
RGNB12R004	Brenda	Rock	712887	5529542	GRAB-CHIP - 3m, qz vnd + silicic w/ local seams + blebs of sulph	4.24	>10.0	12.25	1	16	40	73	6	<2	<2	90
RGNB12R005	Brenda	Rock	712930	5529516	FLOAT - coarse mafic intrusive w/ diss sulph adjacent to fracs	1.62	0.322		2.1	3	2	62	4	13	<2	510
CPKNB12S001	Brenda	Soil	713399	5529879		0.36	<0.005		0.2	8	<2	16	1	11	3	<10
CPKNB12S002	Brenda	Soil	713401	5529820		0.38	<0.005		0.5	15	2	24	4	11	2	<10
CPKNB12S003	Brenda	Soil	713397	5529769		0.36	0.01		0.3	9	2	14	2	10	<2	<10
CPKNB12S004	Brenda	Soil	713397	5529720		0.4	<0.005		0.2	8	<2	16	1	7	2	<10
CPKNB12S005	Brenda	Soil	713398	5529668		0.3	<0.005		0.5	14	<2	15	1	10	<2	<10
CPKNB12S006	Brenda	Soil	713401	5529624		0.34	<0.005		0.7	3	<2	34	2	9	2	<10
CPKNB12S007	Brenda	Soil	713401	5529569		0.5	<0.005		0.2	7	<2	11	1	5	2	<10
CPKNB12S008	Brenda	Soil	713397	5529520		0.36	<0.005		0.2	7	2	15	1	7	<2	<10
CPKNB12S009	Brenda	Soil	713401	5529472		0.4	0.02		0.3	4	<2	19	1	6	2	<10
CPKNB12S010	Brenda	Soil	713399	5529421		0.38	0.021		0.2	4	<2	17	1	5	<2	<10
CPKNB12S011	Brenda	Soil	713398	5529371		0.34	<0.005		0.3	4	2	14	1	5	<2	<10
CPKNB12S012	Brenda	Soil	713402	5529320		0.38	<0.005		<0.2	2	<2	18	<1	5	<2	<10
CPKNB12S013	Brenda	Soil	713399	5529271		0.32	<0.005		0.2	5	2	18	1	6	2	<10
CPKNB12S014	Brenda	Soil	713298	5529271		0.42	0.012		0.3	14	2	14	1	7	<2	<10
CPKNB12S015	Brenda	Soil	713304	5529331		0.34	0.005		0.2	6	<2	22	1	6	<2	<10
CPKNB12S016	Brenda	Soil	713302	5529381		0.32	<0.005		<0.2	2	<2	17	1	5	2	<10
CPKNB12S017	Brenda	Soil	713302	5529429		0.34	0.008		0.2	2	<2	15	2	4	2	<10
CPKNB12S018	Brenda	Soil	713300	5529481		0.36	0.016		0.2	6	2	15	1	5	<2	<10
CPKNB12S019	Brenda	Soil	713305	5529531		0.38	0.005		0.3	6	2	19	1	7	2	<10
CPKNB12S020	Brenda	Soil	713304	5529582		0.34	0.023		0.4	5	<2	11	1	6	<2	<10
CPKNB12S021	Brenda	Soil	713304	5529631		0.34	0.006		0.4	6	<2	12	1	6	<2	<10
CPKNB12S022	Brenda	Soil	713300	5529681		0.36	0.009		0.5	6	<2	25	2	10	2	<10
CPKNB12S023	Brenda	Soil	713301	5529729		0.42	0.005		0.5	14	<2	11	3	8	2	<10
CPKNB12S024	Brenda	Soil	713298	5529781		0.44	0.005		<0.2	23	<2	27	2	10	<2	<10
CPKNB12S025	Brenda	Soil	713301	5529826		0.36	<0.005		0.2	13	<2	13	3	8	<2	<10
CPKNB12S026	Brenda	Soil	713301	5529880		0.42	0.007		0.3	24	2	53	13	28	<2	<10
CPKNB12S027	Brenda	Soil	713198	5529786		0.36	0.006		0.3	9	<2	17	1	10	<2	<10
CPKNB12S028	Brenda	Soil	713201	5529678		0.36	0.007		0.3	6	2	17	2	7	<2	<10

Station	Property	Type	UTME	UTMN	Note	Weigh	Au	Au Grav	Ag	As	Bi	Cu	Mo	Pb	Sb	W
CPKNB12S029	Brenda	Soil	713201	5529622		0.34	<0.005		0.2	6	3	16	2	7	<2	<10
CPKNB12S030	Brenda	Soil	713200	5529570		0.4	0.006		0.2	9	<2	14	2	5	<2	<10
CPKNB12S031	Brenda	Soil	713204	5529520		0.44	<0.005		<0.2	9	2	16	2	6	<2	<10
CPKNB12S032	Brenda	Soil	713198	5529470		0.4	<0.005		0.2	8	<2	17	2	10	<2	<10
CPKNB12S033	Brenda	Soil	713199	5529420		0.42	0.005		<0.2	9	<2	12	2	6	<2	<10
CPKNB12S034	Brenda	Soil	713199	5529373		0.34	<0.005		<0.2	9	2	15	3	8	<2	<10
CPKNB12S035	Brenda	Soil	713200	5529320		0.4	<0.005		<0.2	13	<2	22	3	5	<2	<10
CPKNB12S036	Brenda	Soil	713198	5529270		0.36	0.005		<0.2	5	<2	16	1	5	<2	<10
CPKNB12S037	Brenda	Soil	713107	5529328		0.34	0.009		<0.2	7	2	13	1	6	<2	<10
CPKNB12S038	Brenda	Soil	713103	5529427		0.34	<0.005		<0.2	3	2	10	1	5	<2	<10
CPKNB12S039	Brenda	Soil	713099	5529528		0.42	<0.005		<0.2	5	<2	15	1	5	<2	<10
CPKNB12S040	Brenda	Soil	713104	5529630		0.4	<0.005		0.3	5	<2	14	2	7	<2	<10
CPKNB12S041	Brenda	Soil	713101	5529780		0.4	<0.005		<0.2	19	2	23	3	9	<2	<10
RGNB12S001	Brenda	Soil	712599	5529795		0.44	<0.005		<0.2	4	<2	14	1	5	<2	<10
RGNB12S002	Brenda	Soil	712604	5529738		0.4	<0.005		0.3	5	<2	12	1	6	<2	<10
RGNB12S003	Brenda	Soil	712602	5529680		0.46	<0.005		0.2	6	<2	15	1	7	<2	<10
RGNB12S004	Brenda	Soil	712604	5529630		0.38	<0.005		<0.2	3	<2	14	1	6	<2	<10
RGNB12S005	Brenda	Soil	712600	5529573		0.42	<0.005		<0.2	3	<2	17	1	9	<2	<10
RGNB12S006	Brenda	Soil	712600	5529516		0.36	<0.005		<0.2	4	<2	14	1	6	<2	<10
RGNB12S007	Brenda	Soil	712603	5529462		0.46	<0.005		<0.2	2	<2	11	1	8	<2	<10
RGNB12S008	Brenda	Soil	712601	5529403		0.4	<0.005		<0.2	2	<2	11	1	7	<2	<10
RGNB12S009	Brenda	Soil	712699	5529425		0.36	<0.005		0.2	5	<2	10	1	7	<2	<10
RGNB12S010	Brenda	Soil	712702	5529482		0.4	<0.005		<0.2	3	<2	13	1	8	<2	<10
RGNB12S011	Brenda	Soil	712701	5529547		0.34	<0.005		<0.2	<2	<2	21	2	6	<2	<10
RGNB12S012	Brenda	Soil	712696	5529605		0.36	0.006		0.3	27	<2	17	2	8	<2	<10
RGNB12S013	Brenda	Soil	712707	5529657		0.56	0.039		0.2	31	<2	21	2	7	<2	<10
RGNB12S014	Brenda	Soil	712699	5529712		0.4	<0.005		0.2	3	<2	16	3	9	<2	<10
RGNB12S015	Brenda	Soil	712702	5529767		0.38	<0.005		0.2	11	<2	12	1	8	<2	<10
RGNB12S016	Brenda	Soil	712801	5529792		0.42	<0.005		0.3	56	<2	16	2	7	2	<10
RGNB12S017	Brenda	Soil	712797	5529742		0.4	0.024		0.2	71	<2	19	3	10	<2	<10
RGNB12S018	Brenda	Soil	712798	5529690		0.4	<0.005		0.2	35	<2	18	3	9	<2	<10
RGNB12S019	Brenda	Soil	712800	5529640		0.46	<0.005		0.3	114	<2	15	1	9	<2	<10
RGNB12S020	Brenda	Soil	712801	5529590		0.38	<0.005		0.5	362	<2	38	2	9	<2	<10

Station	Property	Type	UTME	UTMN	Note	Weigh	Au	Au Grav	Ag	As	Bi	Cu	Mo	Pb	Sb	W
RGNB12S021	Brenda	Soil	712798	5529539		0.4	<0.005		<0.2	202	<2	17	2	9	<2	<10
RGNB12S022	Brenda	Soil	712797	5529478		0.42	0.006		<0.2	31	<2	12	3	8	<2	<10
RGNB12S023	Brenda	Soil	712800	5529421		0.4	<0.005		<0.2	3	<2	10	1	6	<2	<10
RGNB12S024	Brenda	Soil	712901	5529420		0.36	<0.005		<0.2	6	<2	13	2	8	<2	<10
RGNB12S025	Brenda	Soil	712898	5529470		0.4	<0.005		0.2	13	<2	16	1	5	<2	<10
RGNB12S026	Brenda	Soil	712901	5529520		0.42	0.008		0.3	14	<2	18	2	6	<2	<10
RGNB12S027	Brenda	Soil	712899	5529569		0.34	0.006		<0.2	19	<2	17	2	5	<2	<10
RGNB12S028	Brenda	Soil	712901	5529625		0.3	0.005		0.4	22	<2	21	2	7	<2	<10
RGNB12S029	Brenda	Soil	712906	5529678		0.36	0.012		0.3	8	<2	22	1	8	<2	<10
RGNB12S030	Brenda	Soil	712899	5529730		0.44	<0.005		0.2	14	<2	16	3	15	<2	<10
RGNB12S031	Brenda	Soil	712903	5529787		0.42	<0.005		0.3	8	<2	10	2	7	<2	<10
RGNB12S032	Brenda	Soil	712996	5529760		0.44	0.01		0.5	9	<2	17	2	6	<2	<10
RGNB12S033	Brenda	Soil	713002	5529707		0.34	<0.005		0.7	8	2	19	2	11	<2	<10
RGNB12S034	Brenda	Soil	713001	5529659		0.28	0.009		0.6	4	2	20	2	8	<2	<10
RGNB12S035	Brenda	Soil	713002	5529604		0.34	<0.005		0.3	6	<2	14	2	7	<2	<10
RGNB12S036	Brenda	Soil	713002	5529552		0.4	0.013		0.5	9	<2	17	3	7	<2	<10
RGNB12S037	Brenda	Soil	713002	5529491		0.32	<0.005		<0.2	9	<2	15	3	5	<2	<10
RGNB12S038	Brenda	Soil	713000	5529439		0.4	<0.005		<0.2	8	<2	13	2	6	<2	<10
RGNB12S039	Brenda	Soil	713106	5529271		0.38	0.005		<0.2	4	<2	16	2	8	<2	<10
RGNB12S040	Brenda	Soil	713103	5529376		0.3	0.034		<0.2	13	<2	19	4	7	<2	<10
RGNB12S041	Brenda	Soil	713100	5529475		0.28	0.006		<0.2	2	<2	11	1	6	<2	<10
RGNB12S042	Brenda	Soil	713102	5529583		0.34	<0.005		0.2	2	<2	14	2	5	<2	<10
RGNB12S043	Brenda	Soil	713099	5529677		0.36	0.006		0.5	8	<2	13	2	10	<2	<10



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Page: 1  
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**CERTIFICATE VA12246991**


Project:  
 P.O. No.:  
 This report is for 17 Rock samples submitted to our lab in Vancouver, BC, Canada on 18-OCT-2012.  
 The following have access to data associated with this certificate:  
 BERNIE KREFT

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
AU-AA23	Au 30g FA-AA finish	AAS
AU-GRA21	Au 30g FA- GRAV finish	WS1-SIM
MF-ICP41	3.5 Element Aqua Regia ICP-AES	ICP-AFS

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager

To: **KREFT, BERNIE**  
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### SAMPLE PREPARATION

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

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
Au-AA23	Au 30g FA-AA finish
Au-GRA21	Au 30g FA- GRAV finish
ME-ICP41	35 Element Aqua Regia ICP-AES

INSTRUMENTS  
AAS  
WST-SIM  
ICP-AES



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**CERTIFICATE OF ANALYSIS VA12246991**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	C ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm
RGNB12-R001		3.00	<0.005		0.2	1.01	4	<10	100	<0.5	<2	0.24	<0.5	3	9	16
RGNB12-R002		1.78	0.006		0.2	1.35	20	<10	110	<0.5	<2	1.58	<0.5	7	13	89
RGNB12-R003		2.96	0.099		<0.2	0.90	<2	<10	130	<0.5	<2	0.28	<0.5	7	29	141
RGNB12-R004		4.24	>10.0	12.75	1.0	0.48	16	<10	70	<0.5	40	0.06	<0.5	5	14	73
RGNB12-R006		1.67	0.322		2.1	0.35	3	<10	50	<0.5	2	0.07	<0.5	1	7	92
RGNB12-R007		2.24	0.005		0.2	0.59	2	<10	50	<0.5	<2	0.55	<0.5	1	15	13
RGNB12-R008		3.30	0.022		0.2	1.67	4	<10	60	<0.5	<2	2.10	<0.5	11	22	93
RGNB12-R009		1.96	<0.005		0.3	2.87	8	<10	110	<0.5	<2	1.49	<0.5	10	141	73
RGNB12-R010		3.82	4.15		3.9	1.02	16	<10	50	<0.5	13	0.31	<0.5	1	7	44
RGNB12-R011		2.14	0.011		0.5	0.20	19	<10	60	<0.5	<2	0.14	<0.5	1	9	6
RGNB12-R012		1.20	0.011		<0.2	0.35	6	<10	50	<0.5	<2	0.39	<0.5	1	16	6
RGNB12-R013		4.06	0.022		2.1	0.41	5	<10	30	<0.5	<2	0.22	<0.5	3	7	57
RGNB12-R014		2.48	<0.005		0.5	1.94	3	<10	100	<0.5	<2	1.55	<0.5	12	33	65
RGNB12-R015		1.98	0.006		0.2	1.20	5	<10	260	<0.5	<2	0.61	<0.5	12	49	77
RGNB12-R016		2.40	0.162		1.7	0.51	2	<10	40	<0.5	<2	3.12	0.7	3	15	43
RGNB12-R017		3.08	0.008		0.5	1.22	4	<10	40	<0.5	<2	1.53	<0.5	15	22	115
RGNB12-R018		2.06	<0.005		0.5	0.24	8	<10	70	<0.5	<2	0.05	<0.5	<1	3	8



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**CERTIFICATE OF ANALYSIS VA12246991**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm
RGNB12-R001		2.16	10	<1	0.56	10	0.42	261	1	0.08	2	280	15	0.25	<2	7
RGNB12-R002		2.39	<10	1	0.17	<10	0.28	361	3	0.04	2	350	2	0.56	<2	3
RGNB12-R003		2.05	<10	<1	0.36	<10	0.38	178	1	0.07	4	290	<2	0.48	<2	4
RGNB12-R004		2.20	<10	<1	0.11	<10	0.15	109	6	0.03	1	120	<2	0.10	<2	2
RGNB12-R006		1.24	<10	<1	0.15	<10	0.10	73	4	0.04	1	140	13	0.17	<2	2
RGNB12-R007		1.51	<10	<1	0.23	10	0.20	217	<1	0.05	2	250	7	0.12	<2	5
RGNB12-R008		1.45	<10	<1	0.07	10	0.19	149	<1	0.24	26	1850	4	0.47	<2	2
RGNB12-R009		2.66	10	<1	0.81	10	0.86	171	1	0.25	74	680	4	0.47	<2	2
RGNB12-R010		2.55	10	<1	0.19	<10	0.16	94	1	0.09	<1	190	7	0.17	3	3
RGNB12-R011		2.28	<10	<1	0.08	10	0.04	217	13	0.05	<1	260	8	0.70	3	3
RGNB12-R012		1.72	<10	<1	0.06	10	0.18	377	<1	0.05	1	240	3	0.92	<2	4
RGNB12-R013		3.34	<10	<1	0.07	<10	0.08	80	<1	0.08	<1	230	5	1.56	<2	2
RGNB12-R014		1.68	<10	<1	0.28	10	0.33	174	<1	0.22	26	1000	<2	0.27	<2	2
RGNB12-R015		2.58	<10	<1	0.54	10	0.89	269	<1	0.07	17	1220	<2	0.10	<2	3
RGNB12-R016		2.25	<10	<1	0.17	10	0.18	510	8	0.06	1	240	5	0.91	<2	4
RGNB12-R017		1.66	<10	<1	0.95	10	0.11	94	1	0.23	28	1360	2	0.68	<2	2
RGNB12-R018		1.01	<10	<1	0.12	10	0.04	35	1	0.06	<1	170	39	0.15	2	2



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**CERTIFICATE OF ANALYSIS VA12246991**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr ppm	Th ppm	Ti %	H ppm	U ppm	V ppm	W ppm	Zn ppm
		1	20	0.01	10	10	1	10	
RGNB12-R001		7	<20	0.09	<10	<10	13	<10	71
RGNB12-R002		22	<20	0.11	<10	<10	40	<10	22
RGNB12-R003		10	<20	0.11	<10	<10	33	<10	29
RGNB12-R004		6	<20	0.02	<10	<10	19	90	8
RGNB12-R006		4	<20	0.02	<10	<10	14	510	23
RGNB12-R007		7	<20	0.05	<10	<10	5	<10	54
RGNB12-R008		149	<20	0.12	<10	<10	32	<10	20
RGNB12-R009		170	<20	0.19	<10	<10	71	<10	43
RGNB12-R010		13	<20	0.04	<10	<10	6	70	25
RGNB12-R011		4	<20	0.07	<10	<10	11	<10	18
RGNB12-R012		4	<20	0.05	<10	<10	5	<10	35
RGNB12-R013		12	<20	0.06	<10	<10	4	490	19
RGNB12-R014		172	<20	0.15	<10	<10	55	<10	30
RGNB12-R015		27	<20	0.18	<10	<10	93	<10	40
RGNB12-R016		53	<20	0.06	<10	<10	11	10	45
RGNB12-R017		111	<20	0.12	<10	<10	25	<10	10
RGNB12-R018		9	<20	0.05	<10	<10	5	<10	13





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**CERTIFICATE VA12246990**


Project:  
 P.O. No.:  
 This report is for 146 Soil samples submitted to our lab in Vancouver, BC, Canada on 18-OCT-2012.  
 The following have access to data associated with this certificate:  
 BERNIE KREFT

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
Mt-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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**Signature:**   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS VA12246990**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 AL ppm	Au-AA23 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm
CPKNB12-S001		0.36	<0.005		0.2	2.68	8	<10	80	<0.5	<2	0.08	<0.5	4	16	16
CPKNB12-S002		0.38	<0.005		0.5	3.26	15	<10	170	0.6	2	0.15	<0.5	4	25	24
CPKNB12-S003		0.36	<0.010		0.5	1.46	9	<10	80	<0.5	2	0.06	<0.5	2	14	14
CPKNB12-S004		0.40	<0.005		0.2	1.99	8	<10	80	<0.5	<2	0.09	<0.5	4	16	16
CPKNB12-S005		0.30	<0.005		0.5	1.56	14	<10	100	<0.5	<2	0.16	0.5	3	14	15
CPKNB12-S006		0.34	<0.005		0.7	2.86	3	<10	160	0.6	<2	0.38	<0.5	8	17	34
CPKNB12-S007		0.50	<0.005		0.2	1.56	7	<10	80	<0.5	<2	0.13	<0.5	3	17	11
CPKNB12-S008		0.36	<0.005		0.2	1.91	7	<10	100	<0.5	2	0.11	<0.5	4	16	15
CPKNB12-S009		0.40	0.020		0.3	2.25	4	<10	90	<0.5	<2	0.10	<0.5	5	19	19
CPKNB12-S010		0.38	0.021		0.2	1.45	4	<10	90	<0.5	<2	0.25	<0.5	6	18	17
CPKNB12-S011		0.34	<0.005		0.3	1.86	4	<10	60	<0.5	2	0.08	<0.5	3	14	14
CPKNB12-S012		0.38	<0.005		<0.2	2.04	2	<10	90	<0.5	<2	0.39	<0.5	2	8	18
CPKNB12-S013		0.32	<0.005		0.2	2.26	5	<10	80	<0.5	2	0.09	<0.5	5	15	18
CPKNB12-S014		0.42	0.012		0.3	1.85	14	<10	80	<0.5	2	0.13	<0.5	4	17	14
CPKNB12-S015		0.34	0.005		0.2	2.45	6	<10	70	<0.5	<2	0.09	<0.5	4	13	22
CPKNB12-S016		0.32	<0.005		<0.2	1.80	2	<10	70	<0.5	<2	0.08	<0.5	5	15	17
CPKNB12-S017		0.34	0.008		0.2	1.67	2	<10	70	<0.5	<2	0.13	<0.5	6	16	15
CPKNB12-S018		0.36	0.016		0.2	1.61	6	<10	70	<0.5	2	0.14	<0.5	4	15	16
CPKNB12-S019		0.36	0.005		0.3	2.34	6	<10	70	<0.5	2	0.12	<0.5	6	17	19
CPKNB12-S020		0.34	0.023		0.4	1.54	5	<10	100	<0.5	<2	0.17	<0.5	4	13	11
CPKNB12-S021		0.34	0.006		0.4	1.63	6	<10	70	<0.5	<2	0.11	<0.5	4	14	12
CPKNB12-S022		0.36	0.009		0.5	2.36	5	<10	110	<0.5	<2	0.15	<0.5	6	19	25
CPKNB12-S023		0.42	0.005		0.5	1.76	14	<10	90	<0.5	<2	0.08	<0.5	4	17	11
CPKNB12-S024		0.44	0.005		<0.2	2.58	26	<10	130	<0.5	<2	0.10	<0.5	7	26	27
CPKNB12-S025		0.36	<0.005		0.2	1.43	13	<10	70	<0.5	<2	0.10	0.6	2	16	13
CPKNB12-S026		0.42	0.007		0.3	2.37	24	<10	150	<0.5	2	0.19	0.5	6	28	53
CPKNB12-S027		0.36	0.006		0.3	1.82	9	<10	120	<0.5	<2	0.11	<0.5	5	16	17
CPKNB12-S028		0.36	0.007		0.3	2.04	6	<10	110	<0.5	2	0.25	<0.5	7	18	17
CPKNB12-S029		0.34	<0.005		0.2	1.81	6	<10	70	<0.5	3	0.22	<0.5	5	16	16
CPKNB12-S030		0.40	0.006		0.2	1.66	9	<10	80	<0.5	<2	0.21	<0.5	6	17	14
CPKNB12-S031		0.44	<0.005		<0.2	1.82	9	<10	80	<0.5	2	0.15	<0.5	6	19	16
CPKNB12-S032		0.40	<0.005		0.2	1.60	8	<10	90	<0.5	<2	0.24	<0.5	6	19	17
CPKNB12-S033		0.42	0.005		<0.2	1.70	9	<10	80	<0.5	<2	0.22	<0.5	6	18	12
CPKNB12-S034		0.34	<0.005		<0.2	1.89	9	<10	100	<0.5	2	0.27	<0.5	7	16	15
CPKNB12-S035		0.40	<0.005		<0.2	2.36	13	<10	70	<0.5	<2	0.14	<0.5	6	17	22
CPKNB12-S036		0.36	0.005		<0.2	2.19	5	<10	60	<0.5	<2	0.09	<0.5	4	17	16
CPKNB12-S037		0.34	0.009		<0.2	1.95	7	<10	70	<0.5	2	0.08	<0.5	4	14	13
CPKNB12-S038		0.34	<0.005		<0.2	1.24	3	<10	60	<0.5	2	0.10	<0.5	3	12	10
CPKNB12-S039		0.42	<0.005		<0.2	1.70	5	<10	60	<0.5	<2	0.09	<0.5	4	17	15
CPKNB12-S040		0.40	<0.005		0.3	1.85	5	<10	90	<0.5	<2	0.15	<0.5	6	15	14



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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS VA12246990**

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
Units		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
LOR		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
CPKNB12-S001		1.95	10	<1	0.03	<10	0.22	170	1	0.01	7	540	11	0.02	3	2
CPKNB12-S002		1.77	10	<1	0.04	10	0.35	90	4	0.02	11	370	11	0.03	2	3
CPKNB12-S003		1.56	10	<1	0.04	<10	0.14	109	2	0.01	4	590	10	0.02	<2	1
CPKNB12-S004		1.75	10	<1	0.03	10	0.19	100	1	0.01	7	700	7	0.01	2	2
CPKNB12-S005		1.53	10	<1	0.04	10	0.15	84	1	0.01	6	510	10	0.03	<2	1
CPKNB12-S006		2.37	10	<1	0.05	10	0.38	814	2	0.02	9	500	9	0.02	2	3
CPKNB12-S007		1.82	<10	<1	0.04	<10	0.17	149	1	0.01	6	760	5	0.01	2	1
CPKNB12-S008		1.88	10	<1	0.04	<10	0.22	170	1	0.02	7	710	7	0.01	<2	2
CPKNB12-S009		2.32	10	<1	0.05	10	0.37	165	1	0.01	9	420	6	0.01	2	3
CPKNB12-S010		2.00	10	<1	0.04	10	0.38	409	1	0.02	8	330	5	0.01	<2	2
CPKNB12-S011		2.06	10	<1	0.03	<10	0.20	105	1	0.01	5	320	5	0.01	<2	2
CPKNB12-S012		0.60	10	<1	0.02	10	0.15	50	<1	0.02	4	730	5	0.05	<2	1
CPKNB12-S013		2.18	10	<1	0.04	<10	0.27	102	1	0.01	6	280	6	0.01	2	2
CPKNB12-S014		2.07	10	<1	0.04	<10	0.25	267	1	0.01	6	420	7	0.01	<2	2
CPKNB12-S015		2.08	10	<1	0.04	<10	0.28	209	1	0.01	5	770	6	0.02	<2	3
CPKNB12-S016		2.14	10	<1	0.05	<10	0.33	321	1	0.01	6	550	5	0.01	2	2
CPKNB12-S017		2.11	10	<1	0.04	10	0.48	427	2	0.02	6	350	4	0.01	2	3
CPKNB12-S018		2.04	10	<1	0.04	10	0.34	367	1	0.01	6	430	5	0.01	<2	2
CPKNB12-S019		2.10	10	<1	0.04	10	0.35	303	1	0.01	6	510	7	0.01	2	3
CPKNB12-S020		1.70	10	<1	0.04	10	0.22	120	1	0.01	4	450	5	0.01	<2	2
CPKNB12-S021		1.81	10	<1	0.05	<10	0.22	170	1	0.01	5	620	6	0.01	<2	2
CPKNB12-S022		2.17	10	<1	0.05	10	0.33	236	2	0.01	8	460	10	0.01	2	3
CPKNB12-S023		1.97	10	<1	0.03	<10	0.20	82	3	0.01	6	530	8	0.01	2	2
CPKNB12-S024		2.48	10	1	0.09	10	0.41	199	2	0.01	13	720	10	0.02	<2	4
CPKNB12-S025		1.26	10	1	0.03	<10	0.12	42	3	0.01	2	320	8	0.02	<2	1
CPKNB12-S026		2.46	10	<1	0.10	10	0.37	355	13	0.02	10	830	28	0.02	<2	3
CPKNB12-S027		1.73	10	<1	0.03	<10	0.28	96	1	0.02	6	420	10	0.01	<2	2
CPKNB12-S028		2.25	10	1	0.05	10	0.44	424	2	0.02	5	340	7	0.01	<2	3
CPKNB12-S029		1.97	10	<1	0.04	10	0.36	353	2	0.02	4	390	7	0.01	<2	2
CPKNB12-S030		2.13	10	<1	0.04	10	0.34	327	2	0.02	6	410	5	0.01	<2	2
CPKNB12-S031		2.23	10	<1	0.06	10	0.40	183	2	0.02	6	400	6	<0.01	<2	3
CPKNB12-S032		2.20	10	<1	0.04	10	0.36	437	2	0.02	8	380	10	0.01	<2	3
CPKNB12-S033		2.14	10	<1	0.03	10	0.38	371	2	0.02	5	440	6	0.01	<2	2
CPKNB12-S034		2.20	10	<1	0.05	10	0.52	516	3	0.02	5	450	8	0.02	<2	2
CPKNB12-S035		2.34	10	<1	0.05	10	0.43	229	3	0.02	5	510	5	0.02	<2	3
CPKNB12-S036		2.13	10	<1	0.04	10	0.27	157	1	0.01	5	530	5	0.01	<2	2
CPKNB12-S037		2.07	10	<1	0.03	10	0.25	146	1	0.02	5	700	6	0.01	<2	2
CPKNB12-S038		1.56	10	1	0.03	<10	0.25	107	1	0.02	3	350	5	0.02	<2	1
CPKNB12-S039		2.40	10	1	0.05	<10	0.44	150	1	0.02	5	480	5	0.01	<2	2
CPKNB12-S040		2.00	10	<1	0.03	10	0.30	525	2	0.02	5	460	7	0.01	<2	2



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**CERTIFICATE OF ANALYSIS VA12246990**

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Sr	Th	Ti	Tl	U	V	W	
Units		ppm	ppm	%	ppm	ppm	ppm	ppm	
LOR		1	20	0.01	10	10	1	10	
								Zn	
								ppm	
								2	
CPKNB12-S001		11	<20	0.10	<10	<10	53	<10	49
CPKNB12-S002		25	<20	0.09	<10	<10	58	<10	71
CPKNB12-S003		12	<20	0.07	<10	<10	45	<10	40
CPKNB12-S004		11	<20	0.09	<10	<10	50	<10	40
CPKNB12-S005		21	<20	0.06	<10	<10	44	<10	49
CPKNB12-S006		25	<20	0.11	<10	<10	56	<10	76
CPKNB12-S007		12	<20	0.07	<10	<10	52	<10	33
CPKNB12-S008		11	<20	0.10	<10	<10	52	<10	51
CPKNB12-S009		9	<20	0.11	<10	<10	62	<10	60
CPKNB12-S010		17	<20	0.11	<10	<10	56	<10	63
CPKNB12-S011		9	<20	0.12	<10	<10	56	<10	31
CPKNB12-S012		18	<20	0.07	<10	<10	16	<10	15
CPKNB12-S013		8	<20	0.11	<10	<10	57	<10	42
CPKNB12-S014		11	<20	0.10	<10	<10	56	<10	52
CPKNB12-S015		10	<20	0.13	<10	<10	55	<10	44
CPKNB12-S016		9	<20	0.10	<10	<10	50	<10	49
CPKNB12-S017		10	<20	0.11	<10	<10	48	<10	47
CPKNB12-S018		11	<20	0.10	<10	<10	54	<10	43
CPKNB12-S019		11	<20	0.10	<10	<10	54	<10	51
CPKNB12-S020		15	<20	0.09	<10	<10	42	<10	45
CPKNB12-S021		9	<20	0.09	<10	<10	46	<10	48
CPKNB12-S022		15	<20	0.11	<10	<10	58	<10	65
CPKNB12-S023		16	<20	0.11	<10	<10	57	<10	60
CPKNB12-S024		29	<20	0.12	<10	<10	76	<10	104
CPKNB12-S025		18	<20	0.06	<10	<10	50	<10	27
CPKNB12-S026		25	<20	0.10	<10	<10	81	<10	107
CPKNB12-S027		20	<20	0.10	<10	<10	51	<10	46
CPKNB12-S028		19	<20	0.13	<10	<10	57	<10	64
CPKNB12-S029		17	<20	0.11	<10	<10	51	<10	69
CPKNB12-S030		17	<20	0.10	<10	<10	58	<10	60
CPKNB12-S031		14	<20	0.12	<10	<10	62	<10	63
CPKNB12-S032		18	<20	0.10	<10	<10	62	<10	65
CPKNB12-S033		15	<20	0.11	<10	<10	59	<10	55
CPKNB12-S034		16	<20	0.12	<10	<10	57	<10	57
CPKNB12-S035		11	<20	0.13	<10	<10	60	<10	52
CPKNB12-S036		10	<20	0.11	<10	<10	55	<10	42
CPKNB12-S037		10	<20	0.11	<10	<10	54	<10	36
CPKNB12-S038		10	<20	0.10	<10	<10	43	<10	30
CPKNB12-S039		9	<20	0.12	<10	<10	56	<10	44
CPKNB12-S040		14	<20	0.11	<10	<10	51	<10	53



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Sample Description	Method Analyte Units LOR	WEI 21	Au-AA23	Au-AA23	ME-ICP41	MF-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recon. Wt. kg	Au ppm	Au Check ppm	Ag ppm	Al %	As ppm	S ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Cr ppm	Cu ppm
CPKNB12-S041		0.40	<0.005		<0.2	1.72	19	<10	100	<0.5	2	0.24	<0.5	4	20	23
CPKNB12-S042		0.36	0.007		0.2	2.29	19	<10	70	<0.5	3	0.15	0.5	7	19	23
CPKNB12-S043		0.40	0.034		0.2	1.74	14	<10	40	<0.5	2	0.17	<0.5	5	13	12
CPKNB12-S044		0.48	0.038		0.4	1.78	19	<10	70	<0.5	<2	0.19	0.7	5	14	14
CPKNB12-S045		0.44	0.008		0.2	1.66	25	<10	70	<0.5	2	0.22	1.2	6	15	14
CPKNB12-S046		0.40	0.084		0.3	2.35	22	<10	110	0.6	3	0.24	0.6	7	22	22
CPKNB12-S047		0.48	0.119		0.4	2.47	30	<10	100	<0.5	3	0.16	0.6	6	18	23
CPKNB12-S048		0.44	0.006		0.3	2.30	23	<10	110	<0.5	2	0.15	0.5	6	19	18
CPKNB12-S049		0.40	0.006		0.2	3.31	74	<10	150	0.6	3	0.29	0.6	7	24	22
CPKNB12-S050		0.46	0.014		<0.2	2.37	96	<10	160	<0.5	<2	0.50	2.1	9	30	34
CPKNB12-S051		0.40	0.010		0.3	2.09	30	<10	150	<0.5	2	0.19	1.5	6	24	18
CPKNB12-S052		0.52	0.013		<0.2	2.25	28	<10	90	<0.5	<2	0.13	0.5	6	23	23
CPKNB12-S053		0.40	0.008		<0.2	2.48	23	<10	80	<0.5	2	0.10	<0.5	6	19	18
CPKNB12-S054		0.48	0.007		0.2	2.15	41	<10	80	<0.5	<2	0.14	0.5	6	19	19
CPKNB12-S055		0.34	0.161		0.4	2.48	41	<10	110	<0.5	3	0.44	0.8	6	11	15
CPKNB12-S056		0.38	0.008		<0.2	2.38	31	<10	70	<0.5	2	0.11	<0.5	6	17	15
CPKNB12-S057		0.41	0.012		0.2	2.36	24	<10	60	0.5	<2	0.16	0.5	7	19	23
CPKNB12-S058		0.40	<0.005		0.3	2.50	66	<10	70	0.5	<2	0.23	3.5	7	20	32
CPKNB12-S059		0.50	0.132		1.6	3.02	112	<10	80	0.7	2	0.30	6.0	10	23	50
CPKNB12-S060		0.52	0.009		0.5	2.50	123	<10	100	0.5	<2	6.41	10.1	9	15	54
CPKNB12-S061		0.34	<0.005		0.4	2.75	373	<10	70	0.5	2	0.70	7.3	9	19	35
CPKNB12-S062		0.44	0.013		0.5	2.64	40	<10	100	0.6	<2	0.48	6.3	8	18	44
CPKNB12-S063		0.44	0.007		0.2	2.39	30	<10	120	<0.5	<2	0.17	0.5	8	25	22
CPKNB12-S064		0.46	0.006		0.2	1.91	20	<10	110	<0.5	<2	0.12	<0.5	6	19	18
CPKNB12-S065		0.50	0.008		0.2	1.84	15	<10	120	<0.5	<2	0.17	0.7	6	20	18
CPKNB12-S066		0.40	<0.005		0.7	2.21	245	<10	150	0.5	<2	0.57	4.4	6	23	23
CPKNB12-S067		0.38	<0.005		0.2	2.61	123	<10	110	0.5	<2	0.61	5.6	6	18	19
CPKNB12-S068		0.40	0.012		0.5	2.30	38	<10	70	<0.5	<2	1.24	4.6	7	16	29
CPKNB12-S069		0.44	0.009		0.3	2.70	47	<10	100	0.5	<2	0.53	5.4	8	21	34
CPKNB12-S070		0.42	0.007		0.2	3.15	95	<10	90	0.5	2	0.25	3.9	8	18	33
CPKNB12-S071		0.42	<0.005		0.4	2.86	102	<10	130	0.6	<2	0.61	4.8	9	17	35
CPKNB12-S072		0.44	<0.005		0.4	3.15	146	<10	180	0.5	<2	0.99	6.1	10	15	35
CPKNB12-S073		0.32	<0.005		0.3	2.83	42	<10	120	0.5	<2	0.27	4.0	8	19	28
CPKNB12-S074		0.36	0.015		0.4	1.32	8	<10	60	<0.5	<2	0.06	<0.5	1	9	7
CPKNB12-S075		0.40	0.008		0.3	2.14	18	<10	90	<0.5	<2	0.09	<0.5	5	18	18
CPKNB12-S076		0.36	<0.005		0.2	2.15	14	<10	100	<0.5	<2	0.11	<0.5	5	19	19
CPKNB12-S077		0.40	0.009		0.2	2.23	17	<10	80	<0.5	2	0.09	<0.5	4	17	17
CPKNB12-S078		0.44	0.017		0.2	2.48	15	<10	80	<0.5	<2	0.13	<0.5	6	16	17
CPKNB12-S079		0.50	0.094		0.5	3.05	16	<10	130	0.6	<2	0.24	<0.5	7	7	30
CPKNB12-S080		0.42	0.018		1.1	2.24	13	<10	70	0.5	<2	0.31	1.2	6	16	21



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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS VA12246990**

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Se
Units		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
LOR		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
CPKNB12-S041		1.87	10	<1	0.04	10	0.32	158	3	0.01	9	460	9	0.02	<2	2
CPKNB12-S042		2.53	10	<1	0.06	10	0.41	219	2	0.02	14	440	6	0.01	<2	3
CPKNB12-S043		2.05	10	<1	0.03	10	0.25	390	2	0.02	7	420	5	0.01	<2	2
CPKNB12-S044		2.34	10	1	0.07	10	0.29	429	2	0.02	8	440	7	0.01	<2	3
CPKNB12-S045		2.16	10	<1	0.04	10	0.24	1380	3	0.02	9	520	8	0.01	<2	2
CPKNB12-S046		2.21	10	1	0.10	10	0.32	573	2	0.02	12	920	11	0.02	<2	3
CPKNB12-S047		2.35	10	<1	0.06	10	0.26	234	1	0.02	13	630	12	0.01	<2	3
CPKNB12-S048		2.26	10	1	0.05	10	0.27	145	2	0.02	16	780	16	0.01	?	3
CPKNB12-S049		2.69	10	<1	0.09	10	0.33	174	5	0.03	17	210	12	0.01	<2	4
CPKNB12-S050		2.82	10	<1	0.10	10	0.51	298	3	0.04	34	400	12	<0.01	4	6
CPKNB12-S051		2.16	10	<1	0.07	<10	0.33	384	2	0.01	20	710	9	0.01	<2	3
CPKNB12-S052		2.41	10	<1	0.08	10	0.39	244	1	0.02	20	500	6	0.01	<2	4
CPKNB12-S053		2.35	10	<1	0.06	<10	0.29	251	1	0.02	12	860	5	0.01	<2	3
CPKNB12-S054		2.25	10	<1	0.04	10	0.31	217	3	0.02	15	490	7	0.01	3	3
CPKNB12-S055		2.61	10	<1	0.12	10	0.54	629	3	0.02	9	500	9	0.01	<2	4
CPKNB12-S056		2.70	10	<1	0.08	<10	0.37	157	1	0.02	11	440	6	0.01	<2	3
CPKNB12-S057		2.53	10	<1	0.05	10	0.34	191	2	0.02	13	510	5	0.01	<2	3
CPKNB12-S058		2.99	10	<1	0.03	10	0.31	171	8	0.04	44	960	7	0.01	3	2
CPKNB12-S059		3.40	10	<1	0.04	10	0.32	307	11	0.03	91	840	23	0.01	3	4
CPKNB12-S060		3.06	10	1	0.08	10	0.32	431	6	0.06	56	780	11	0.04	7	3
CPKNB12-S061		3.46	10	<1	0.03	10	0.31	647	7	0.10	56	1070	13	0.04	10	3
CPKNB12-S062		2.36	10	<1	0.04	10	0.33	342	7	0.07	60	770	13	0.02	2	3
CPKNB12-S063		2.60	10	1	0.08	<10	0.47	250	1	0.03	22	480	6	0.02	2	3
CPKNB12-S064		2.12	10	<1	0.05	<10	0.27	167	1	0.03	19	500	7	0.02	<2	3
CPKNB12-S065		2.06	<10	<1	0.05	<10	0.29	206	1	0.03	17	500	5	0.02	2	3
CPKNB12-S066		2.70	10	<1	0.09	10	0.27	529	6	0.03	53	710	46	0.07	5	3
CPKNB12-S067		2.53	10	<1	0.03	10	0.28	217	5	0.03	66	560	10	0.03	5	3
CPKNB12-S068		2.60	10	1	0.03	10	0.32	408	4	0.05	41	830	13	0.03	2	2
CPKNB12-S069		3.02	10	<1	0.04	10	0.37	390	5	0.06	47	760	13	0.03	2	4
CPKNB12-S070		3.05	10	<1	0.03	10	0.32	416	6	0.05	45	1090	11	0.03	4	3
CPKNB12-S071		3.14	10	<1	0.05	10	0.33	446	7	0.04	54	740	11	0.03	4	3
CPKNB12-S072		3.72	10	<1	0.13	10	0.59	567	4	0.05	45	940	10	0.03	6	5
CPKNB12-S073		2.90	10	<1	0.03	10	0.27	246	5	0.06	40	930	10	0.03	2	3
CPKNB12-S074		1.85	10	<1	0.03	<10	0.06	69	1	0.02	4	310	7	0.02	<2	1
CPKNB12-S075		2.21	10	<1	0.04	<10	0.23	302	1	0.02	13	620	7	0.02	<2	3
CPKNB12-S076		2.09	10	<1	0.04	10	0.24	212	1	0.02	14	610	7	0.03	<2	3
CPKNB12-S077		2.21	10	<1	0.05	<10	0.21	127	1	0.02	11	430	10	0.02	<2	3
CPKNB12-S078		2.51	10	<1	0.06	10	0.27	141	3	0.03	12	280	9	0.02	?	3
CPKNB12-S079		4.23	10	1	0.91	20	0.83	420	2	0.02	7	370	8	0.04	2	8
CPKNB12-S080		2.39	10	<1	0.05	20	0.30	554	5	0.04	11	360	9	0.03	2	3



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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS VA12246990**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr ppm 1	Th ppm 20	Ti % 0.01	Li ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
CPKNB12-S041		37	<20	0.07	<10	<10	65	<10	98
CPKNB12-S042		17	<20	0.12	<10	<10	62	<10	139
CPKNB12-S043		16	<20	0.10	<10	<10	51	<10	77
CPKNB12-S044		25	<20	0.10	<10	<10	51	<10	124
CPKNB12-S045		18	<20	0.09	<10	<10	56	<10	141
CPKNB12-S046		25	<20	0.09	<10	<10	60	<10	99
CPKNB12-S047		23	<20	0.11	<10	<10	59	<10	115
CPKNB12-S048		22	<20	0.11	<10	<10	60	<10	141
CPKNB12-S049		52	<20	0.14	<10	<10	75	<10	128
CPKNB12-S050		73	<20	0.12	<10	<10	85	<10	244
CPKNB12-S051		52	<20	0.10	<10	<10	70	<10	230
CPKNB12-S052		23	<20	0.10	<10	<10	66	<10	132
CPKNB12-S053		14	<20	0.12	<10	<10	67	<10	107
CPKNB12-S054		19	<20	0.11	<10	<10	65	<10	119
CPKNB12-S055		69	<20	0.12	<10	<10	43	<10	168
CPKNB12-S056		28	<20	0.14	<10	<10	66	<10	109
CPKNB12-S057		19	<20	0.12	<10	<10	64	<10	124
CPKNB12-S058		212	<20	0.08	<10	<10	109	<10	953
CPKNB12-S059		202	<20	0.09	<10	<10	150	20	765
CPKNB12-S060		1220	<20	0.08	<10	<10	75	<10	859
CPKNB12-S061		407	<20	0.08	<10	<10	133	<10	781
CPKNB12-S062		280	<20	0.10	<10	<10	104	<10	932
CPKNB12-S063		38	<20	0.13	<10	<10	75	<10	150
CPKNB12-S064		22	<20	0.10	<10	<10	64	<10	127
CPKNB12-S065		20	<20	0.09	<10	<10	63	<10	125
CPKNB12-S066		194	<20	0.08	20	<10	93	<10	1163
CPKNB12-S067		139	<20	0.07	<10	<10	112	<10	880
CPKNB12-S068		270	<20	0.07	<10	<10	79	<10	580
CPKNB12-S069		439	<20	0.09	<10	<10	111	<10	774
CPKNB12-S070		130	<20	0.09	<10	<10	104	<10	742
CPKNB12-S071		238	<20	0.07	<10	<10	85	<10	671
CPKNB12-S072		493	<20	0.11	<10	<10	96	<10	781
CPKNB12-S073		183	<20	0.09	<10	<10	85	<10	565
CPKNB12-S074		12	<20	0.09	<10	<10	47	<10	56
CPKNB12-S075		12	<20	0.10	<10	<10	61	<10	112
CPKNB12-S076		14	<20	0.10	<10	<10	59	<10	84
CPKNB12-S077		11	<20	0.10	<10	<10	57	<10	76
CPKNB12-S078		19	<20	0.13	<10	<10	58	<10	116
CPKNB12-S079		81	<20	0.13	<10	<10	32	20	126
CPKNB12-S080		32	<20	0.11	<10	<10	55	<10	123



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**CERTIFICATE OF ANALYSIS VA12246990**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	AL ppm	Au Check ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
CPKNB12-S081		0.38	0.005		0.4	1.88	10	<10	80	<0.5	<2	0.13	0.5	5	16	13
CPKNB12-S082		0.32	1.125	0.481	0.5	1.78	12	<10	70	<0.5	5	0.12	<0.5	3	12	12
CPKNB12-S083		0.40	0.084		0.3	2.38	12	<10	90	<0.5	<2	0.10	<0.5	4	14	19
CPKNB12-S084		0.34	0.022		0.2	2.31	20	<10	70	<0.5	2	0.09	<0.5	4	14	16
CPKNB12-S085		0.44	0.013		0.2	2.56	14	<10	80	<0.5	<2	0.09	<0.5	4	15	18
CPKNB12-S086		0.32	0.005		0.2	1.32	12	<10	70	<0.5	<2	0.07	<0.5	3	14	12
CPKNB12-S087		0.40	0.074		0.2	1.84	16	<10	100	<0.5	<2	0.15	<0.5	4	20	17
CPKNB12-S088		0.34	0.036		0.2	1.42	13	<10	60	<0.5	<2	0.15	0.9	2	12	10
CPKNB12-S089		0.40	0.009		0.2	1.95	17	<10	90	<0.5	<2	0.20	0.7	5	18	18
CPKNB12-S090		0.36	0.043		0.4	2.23	28	<10	70	<0.5	<2	0.08	<0.5	3	11	15
CPKNB12-S091		0.44	0.005		0.2	2.30	9	<10	90	<0.5	<2	0.12	<0.5	5	16	16
CPKNB12-S092		0.40	0.013		0.4	2.81	22	<10	80	0.5	<2	0.65	3.1	8	22	33
CPKNB12-S093		0.46	0.070		0.4	2.67	25	<10	80	0.5	<2	0.45	2.0	6	22	24
CPKNB12-S094		0.40	0.005		0.3	2.34	20	<10	100	<0.5	<2	0.16	0.7	6	20	23
CPKNB12-S095		0.46	0.014		0.3	2.57	17	<10	120	<0.5	<2	0.12	0.6	6	18	21
CPKNB12-S096		0.38	<0.005		<0.2	2.53	14	<10	80	<0.5	<2	0.09	<0.5	5	21	20
CPKNB12-S097		0.42	<0.005		0.3	2.47	12	<10	70	<0.5	<2	0.08	0.5	6	17	23
CPKNB12-S098		0.38	<0.005		0.3	2.88	36	<10	60	<0.5	2	0.97	4.1	9	28	18
CPKNB12-S099		0.40	<0.005		0.3	2.78	22	<10	50	<0.5	<2	0.24	1.0	8	22	34
CPKNB12-S100		0.38	0.007		0.4	2.24	19	<10	80	<0.5	<2	0.12	<0.5	6	21	27
CPKNB12-S101		0.42	<0.005		0.3	2.16	11	<10	90	<0.5	<2	0.13	<0.5	7	23	27
CPKNB12-S102		0.34	0.005		0.4	2.32	33	<10	60	<0.5	<2	0.12	<0.5	7	13	25
CPKNB12-S103		0.38	<0.005		0.2	2.19	27	<10	70	<0.5	<2	0.12	<0.5	6	16	19
RGNB12-S001		0.44	<0.005		<0.2	1.56	4	<10	80	<0.5	<2	0.22	<0.5	5	20	14
RGNB12-S002		0.40	<0.005		0.3	1.78	5	<10	70	<0.5	<2	0.23	<0.5	5	16	12
RGNB12-S003		0.46	<0.005		0.2	2.12	6	<10	80	<0.5	<2	0.18	<0.5	6	19	15
RGNB12-S004		0.38	<0.005		<0.2	1.59	3	<10	60	<0.5	<2	0.09	<0.5	5	16	14
RGNB12-S005		0.42	<0.005		<0.2	1.42	3	<10	60	<0.5	<2	0.10	<0.5	4	13	17
RGNB12-S006		0.36	<0.005		<0.2	1.90	4	<10	80	<0.5	<2	0.08	<0.5	4	15	14
RGNB12-S007		0.46	<0.005		<0.2	1.35	2	<10	60	<0.5	<2	0.11	<0.5	3	14	11
RGNB12-S008		0.40	<0.005		<0.2	1.53	2	<10	70	<0.5	<2	0.25	<0.5	4	13	11
RGNB12-S009		0.36	<0.005		0.2	1.55	5	<10	40	<0.5	<2	0.05	<0.5	2	9	10
RGNB12-S010		0.40	<0.005		<0.2	2.15	3	<10	60	<0.5	<2	0.07	<0.5	3	15	13
RGNB12-S011		0.34	<0.005		<0.2	1.58	<2	<10	60	<0.5	<2	0.20	<0.5	4	14	21
RGNB12-S012		0.36	0.006		0.3	2.44	27	<10	60	<0.5	<2	0.27	<0.5	8	16	17
RGNB12-S013		0.58	0.039		0.7	2.13	31	<10	80	<0.5	<2	0.27	<0.5	6	19	21
RGNB12-S014		0.40	<0.005		0.2	1.23	3	<10	70	<0.5	<2	0.22	<0.5	4	13	16
RGNB12-S015		0.38	<0.005		0.2	1.75	11	<10	70	<0.5	<2	0.12	<0.5	4	15	12
RGNB12-S016		0.42	<0.005		0.3	2.12	56	<10	80	<0.5	<2	0.10	<0.5	4	15	16
RGNB12-S017		0.40	0.024		0.2	1.60	71	<10	60	<0.5	<2	0.22	<0.5	4	14	19





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte Units LOR	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sh ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
CPKNB12-S081		2.22	10	<1	0.04	<10	0.21	158	3	0.03	12	360	7	0.03	2	2
CPKNB12-S082		2.51	10	<1	0.04	<10	0.18	142	3	0.02	7	310	11	0.02	<2	2
CPKNB12-S083		2.30	10	<1	0.06	10	0.24	141	2	0.02	10	460	11	0.02	<2	3
CPKNB12-S084		2.39	10	<1	0.06	10	0.20	108	2	0.03	9	270	13	0.03	<2	3
CPKNB12-S085		2.62	10	<1	0.09	10	0.26	159	1	0.03	9	440	8	0.02	<2	3
CPKNB12-S086		2.08	10	<1	0.03	<10	0.16	141	1	0.02	8	440	7	0.02	<2	2
CPKNB12-S087		2.34	10	<1	0.05	<10	0.29	345	1	0.02	11	600	6	0.02	2	3
CPKNB12-S088		1.81	10	<1	0.03	<10	0.13	249	2	0.02	6	490	8	0.03	<2	1
CPKNB12-S089		2.13	10	<1	0.04	10	0.23	282	1	0.03	12	460	10	0.03	<2	2
CPKNB12-S090		2.38	10	<1	0.04	<10	0.15	182	1	0.03	6	420	14	0.02	<2	2
CPKNB12-S091		2.52	10	<1	0.07	<10	0.31	165	1	0.03	10	500	7	0.02	<2	3
CPKNB12-S092		2.59	10	<1	0.05	10	0.37	714	4	0.05	27	340	17	0.03	3	4
CPKNB12-S093		2.59	10	<1	0.04	10	0.36	407	4	0.05	24	460	14	0.02	2	3
CPKNB12-S094		2.47	10	<1	0.05	<10	0.29	298	2	0.03	20	640	8	0.02	2	3
CPKNB12-S095		2.44	10	<1	0.06	10	0.28	227	1	0.03	17	570	7	0.02	<2	3
CPKNB12-S096		2.11	10	<1	0.03	<10	0.25	110	2	0.03	14	630	5	0.02	2	2
CPKNB12-S097		2.23	10	<1	0.03	<10	0.22	146	2	0.03	16	1010	5	0.02	<2	2
CPKNB12-S098		2.60	10	<1	0.04	<10	0.48	837	4	0.07	38	490	11	0.03	3	3
CPKNB12-S099		2.40	10	<1	0.03	10	0.33	216	3	0.04	27	350	6	0.02	<2	3
CPKNB12-S100		2.31	10	<1	0.04	<10	0.27	126	3	0.03	19	490	8	0.02	<2	2
CPKNB12-S101		2.23	10	<1	0.04	<10	0.31	152	3	0.03	22	440	5	0.02	2	3
CPKNB12-S102		2.15	10	<1	0.02	<10	0.18	202	1	0.03	14	750	7	0.02	<2	2
CPKNB12-S103		2.12	10	<1	0.03	<10	0.20	305	2	0.03	13	620	5	0.03	2	2
RGNB12-S001		1.98	<10	<1	0.03	10	0.29	242	1	0.02	8	410	5	0.02	<2	2
RGNB12-S002		1.91	10	<1	0.03	10	0.27	266	1	0.03	7	340	6	0.02	<2	2
RGNB12-S003		2.09	10	<1	0.04	10	0.33	311	1	0.03	8	400	7	0.02	<2	2
RGNB12-S004		2.16	10	<1	0.04	<10	0.30	178	1	0.03	7	420	6	0.02	<2	2
RGNB12-S005		1.73	10	<1	0.04	<10	0.27	152	1	0.03	6	270	9	0.02	<2	2
RGNB12-S006		2.31	10	<1	0.04	<10	0.31	136	1	0.03	6	420	6	0.02	<2	2
RGNB12-S007		1.81	10	<1	0.03	<10	0.22	147	1	0.03	6	440	8	0.02	<2	2
RGNB12-S008		1.58	10	<1	0.02	10	0.24	328	1	0.03	6	350	7	0.03	<2	1
RGNB12-S009		1.66	10	<1	0.02	<10	0.11	68	1	0.03	3	360	7	0.02	<2	1
RGNB12-S010		2.05	10	<1	0.03	<10	0.19	178	1	0.03	6	670	8	0.02	<2	2
RGNB12-S011		1.89	10	<1	0.03	10	0.30	202	2	0.03	7	660	6	0.05	<2	1
RGNB12-S012		2.57	10	<1	0.03	10	0.47	556	2	0.04	7	430	8	0.02	<2	3
RGNB12-S013		2.30	10	<1	0.05	10	0.33	379	2	0.03	9	520	7	0.03	<2	3
RGNB12-S014		1.58	10	<1	0.03	<10	0.24	337	3	0.03	6	480	9	0.02	<2	1
RGNB12-S015		1.95	10	<1	0.03	<10	0.22	173	1	0.03	7	410	8	0.02	<2	2
RGNB12-S016		1.95	10	<1	0.03	10	0.21	131	2	0.03	8	400	7	0.02	2	2
RGNB12-S017		1.89	10	<1	0.03	10	0.20	297	3	0.03	6	370	10	0.02	<2	2



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Sample Description	Method Analyte Units LOR	MF-ICP41	ME-ICP41	MF-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr ppm 1	Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
CPKNB12-S081		20	<20	0.11	<10	<10	64	<10	120
CPKNB12-S082		16	<20	0.12	<10	<10	53	<10	89
CPKNB12-S083		16	<20	0.11	<10	<10	50	<10	84
CPKNB12-S084		12	<20	0.12	<10	<10	55	<10	86
CPKNB12-S085		14	<20	0.12	<10	<10	55	<10	95
CPKNB12-S086		15	<20	0.10	<10	<10	56	<10	74
CPKNB12-S087		22	<20	0.08	<10	<10	64	<10	102
CPKNB12-S088		16	<20	0.07	<10	<10	50	<10	76
CPKNB12-S089		24	<20	0.09	<10	<10	59	<10	95
CPKNB12-S090		13	<20	0.12	<10	<10	48	<10	80
CPKNB12-S091		21	<20	0.12	<10	<10	53	<10	91
CPKNB12-S092		87	<20	0.14	<10	<10	69	<10	290
CPKNB12-S093		67	<20	0.13	<10	<10	76	<10	262
CPKNB12-S094		24	<20	0.10	<10	<10	72	<10	165
CPKNB12-S095		23	<20	0.11	<10	<10	67	<10	146
CPKNB12-S096		32	<20	0.12	<10	<10	63	<10	94
CPKNB12-S097		16	<20	0.11	<10	<10	60	<10	130
CPKNB12-S098		164	<20	0.12	<10	<10	85	<10	1030
CPKNB12-S099		49	<20	0.12	<10	<10	71	<10	189
CPKNB12-S100		55	<20	0.11	<10	<10	66	<10	93
CPKNB12-S101		20	<20	0.11	<10	<10	67	<10	90
CPKNB12-S102		30	<20	0.09	<10	<10	55	<10	59
CPKNB12-S103		24	<20	0.08	<10	<10	58	<10	81
RGNB12-S001		18	<20	0.08	<10	<10	59	<10	48
RGNB12-S002		16	<20	0.10	<10	<10	50	<10	52
RGNB12-S003		14	<20	0.11	<10	<10	57	<10	54
RGNB12-S004		9	<20	0.10	<10	<10	60	<10	44
RGNB12-S005		10	<20	0.11	<10	<10	47	<10	46
RGNB12-S006		9	<20	0.13	<10	<10	61	<10	50
RGNB12-S007		12	<20	0.09	<10	<10	51	<10	38
RGNB12-S008		15	<20	0.08	<10	<10	45	<10	40
RGNB12-S009		6	<20	0.11	<10	<10	42	<10	24
RGNB12-S010		8	<20	0.11	<10	<10	52	<10	42
RGNB12-S011		15	<20	0.06	<10	<10	55	<10	47
RGNB12-S012		14	<20	0.14	<10	<10	59	<10	107
RGNB12-S013		16	<20	0.10	<10	<10	59	<10	83
RGNB12-S014		15	<20	0.09	<10	<10	45	<10	50
RGNB12-S015		11	<20	0.10	<10	<10	55	<10	55
RGNB12-S016		14	<20	0.10	<10	<10	50	<10	61
RGNB12-S017		16	<20	0.08	<10	<10	50	<10	51



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Sample Description	Method Analyte Units LOR	WFI-21	Au-AA23	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	MF-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Reconc. WL kg	Au µg/g	Au Check ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Cr ppm	Cu ppm
RGNB12-S018		0.40	<0.005		0.2	1.75	35	<10	60	<0.5	<2	0.06	<0.5	3	15	18
RGNB12-S019		0.46	<0.005		0.3	1.40	114	<10	60	<0.5	<2	0.22	<0.5	4	13	15
RGNB12-S020		0.38	<0.005		0.5	2.01	362	<10	70	0.6	<2	0.43	1.1	6	14	38
RGNB12-S021		0.40	<0.005		<0.2	1.74	202	<10	70	<0.5	<2	0.18	<0.5	5	17	17
RGNB12-S022		0.42	0.005		<0.2	1.50	31	<10	80	<0.5	<2	0.14	<0.5	5	16	12
RGNB12-S023		0.40	<0.005		<0.2	1.47	3	<10	70	<0.5	<2	0.11	<0.5	2	13	10
RGNB12-S024		0.36	<0.005		<0.2	1.52	6	<10	70	<0.5	<2	0.15	<0.5	3	15	13
RGNB12-S025		0.40	<0.005		0.2	1.94	13	<10	110	<0.5	<2	0.13	<0.5	5	16	16
RGNB12-S026		0.42	0.008		0.3	1.88	14	<10	120	<0.5	<2	0.20	<0.5	6	16	18
RGNB12-S027		0.34	0.006		<0.2	1.66	19	<10	100	<0.5	<2	0.27	<0.5	7	17	17
RGNB12-S028		0.30	0.005		0.4	1.88	22	<10	80	<0.5	<2	0.27	<0.5	5	15	21
RGNB12-S029		0.36	0.012		0.3	1.93	8	<10	60	<0.5	<2	0.18	<0.5	3	16	22
RGNB12-S030		0.44	<0.005		0.2	1.63	14	<10	70	<0.5	<2	0.13	<0.5	3	14	16
RGNB12-S031		0.42	<0.005		0.3	1.47	8	<10	50	<0.5	<2	0.06	<0.5	3	12	10
RGNB12-S032		0.44	0.010		0.5	1.62	9	<10	90	<0.5	<2	0.33	<0.5	3	15	17
RGNB12-S033		0.34	<0.005		0.7	1.69	9	<10	90	<0.5	2	0.32	<0.5	4	12	19
RGNB12-S034		0.28	0.009		0.6	1.70	4	<10	110	<0.5	2	0.35	<0.5	4	13	20
RGNB12-S035		0.34	<0.005		0.3	1.75	6	<10	90	<0.5	<2	0.27	<0.5	5	12	14
RGNB12-S036		0.40	0.013		0.5	2.32	9	<10	100	<0.5	<2	0.25	<0.5	6	16	17
RGNB12-S037		0.32	<0.005		<0.2	1.64	9	<10	80	<0.5	<2	0.21	<0.5	6	12	15
RGNB12-S038		0.40	<0.005		<0.2	1.28	8	<10	50	<0.5	<2	0.06	<0.5	3	11	13
RGNB12-S039		0.39	0.005		<0.2	2.67	4	<10	100	<0.5	<2	0.13	<0.5	4	17	16
RGNB12-S040		0.30	0.034		<0.2	2.30	13	<10	80	<0.5	<2	0.24	<0.5	4	15	19
RGNB12-S041		0.26	0.006		<0.2	1.18	2	<10	70	<0.5	<2	0.10	<0.5	2	12	11
RGNB12-S042		0.34	<0.005		0.2	1.64	2	<10	80	<0.5	<2	0.10	<0.5	6	16	14
RGNB12-S043		0.36	0.006		0.5	2.10	8	<10	60	<0.5	<2	0.08	<0.5	3	16	15



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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
Units		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
LOR		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
RGNB12-S018		1.86	10	<1	0.03	<10	0.19	251	3	0.03	5	590	9	0.02	<2	2
RGNB12-S019		1.92	10	<1	0.03	10	0.32	324	1	0.03	5	350	9	0.02	<2	2
RGNB12-S020		1.69	10	<1	0.04	30	0.26	406	2	0.03	6	690	9	0.06	<2	1
RGNB12-S021		2.02	10	<1	0.05	10	0.25	221	2	0.03	9	430	9	0.02	<2	2
RGNB12-S022		2.01	10	<1	0.04	<10	0.30	364	3	0.03	7	340	9	0.02	<2	2
RGNB12-S023		1.50	10	<1	0.03	<10	0.14	85	1	0.03	5	330	6	0.02	<2	1
RGNB12-S024		1.93	10	<1	0.04	<10	0.28	163	2	0.03	6	390	8	0.02	<2	2
RGNB12-S025		2.08	10	<1	0.04	<10	0.53	368	1	0.03	7	530	5	0.01	<2	2
RGNB12-S026		2.15	10	<1	0.06	<10	0.33	225	2	0.03	6	530	8	0.03	<2	2
RGNB12-S027		2.08	10	<1	0.04	<10	0.38	367	2	0.03	7	420	5	0.02	<2	2
RGNB12-S028		1.86	10	<1	0.03	10	0.32	515	2	0.03	7	440	7	0.03	<2	2
RGNB12-S029		1.86	10	<1	0.03	10	0.22	133	1	0.02	7	410	8	0.03	<2	2
RGNB12-S030		2.02	10	<1	0.05	<10	0.21	226	3	0.01	6	620	15	0.03	<2	2
RGNB12-S031		1.94	10	<1	0.03	<10	0.15	128	2	0.01	4	380	7	0.02	<2	2
RGNB12-S032		1.80	10	<1	0.04	10	0.29	170	2	0.02	6	360	6	0.03	<2	2
RGNB12-S033		1.48	10	<1	0.03	10	0.26	90	2	0.02	6	480	11	0.05	<2	1
RGNB12-S034		1.73	10	<1	0.03	10	0.25	304	2	0.02	5	530	8	0.04	<2	1
RGNB12-S035		1.84	10	<1	0.03	10	0.25	273	2	0.02	5	460	7	0.03	<2	1
RGNB12-S036		2.32	10	<1	0.04	10	0.36	373	3	0.02	7	440	7	0.03	<2	3
RGNB12-S037		1.91	10	<1	0.04	10	0.29	289	3	0.02	5	470	5	0.03	<2	1
RGNB12-S038		1.94	10	1	0.04	<10	0.24	136	2	0.02	4	530	6	0.02	<2	1
RGNB12-S039		2.61	10	1	0.06	<10	0.38	297	2	0.02	7	630	8	0.03	<2	3
RGNB12-S040		1.99	10	1	0.04	10	0.27	230	4	0.02	7	470	7	0.04	<2	2
RGNB12-S041		1.73	10	<1	0.03	<10	0.24	97	1	0.01	5	450	6	0.03	<2	1
RGNB12-S042		2.08	10	<1	0.03	10	0.32	319	2	0.02	7	430	5	0.03	<2	2
RGNB12-S043		2.07	10	<1	0.04	<10	0.21	88	2	0.01	6	480	10	0.02	<2	2



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr ppm 1	Tn ppm 20	Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zr ppm 2
RGNB12-S018		9	<20	0.09	<10	<10	50	<10	48
RGNB12-S019		15	<20	0.09	<10	<10	47	<10	73
RGNB12-S020		26	<20	0.06	<10	<10	39	<10	66
RGNB12-S021		15	<20	0.09	<10	<10	54	<10	77
RGNB12-S022		14	<20	0.10	<10	<10	57	<10	62
RGNB12-S023		12	<20	0.09	<10	<10	43	<10	38
RGNB12-S024		12	<20	0.09	<10	<10	54	<10	43
RGNB12-S025		11	<20	0.12	<10	<10	57	<10	61
RGNB12-S026		15	<20	0.11	<10	<10	61	<10	53
RGNB12-S027		17	<20	0.10	<10	<10	57	<10	69
RGNB12-S028		18	<20	0.09	<10	<10	48	<10	63
RGNB12-S029		14	<20	0.09	<10	<10	43	<10	38
RGNB12-S030		11	<20	0.08	<10	<10	48	<10	57
RGNB12-S031		8	<20	0.11	<10	<10	50	<10	31
RGNB12-S032		22	<20	0.10	<10	<10	38	<10	52
RGNB12-S033		26	<20	0.07	<10	<10	38	<10	51
RGNB12-S034		23	<20	0.07	<10	<10	40	<10	45
RGNB12-S035		19	<20	0.10	<10	<10	43	<10	40
RGNB12-S036		17	<20	0.12	<10	<10	56	<10	57
RGNB12-S037		13	<20	0.09	<10	<10	45	<10	41
RGNB12-S038		8	<20	0.10	<10	<10	47	<10	32
RGNB12-S039		12	<20	0.15	<10	<10	53	<10	57
RGNB12-S040		14	<20	0.10	<10	<10	49	<10	39
RGNB12-S041		10	<20	0.10	<10	<10	45	<10	31
RGNB12-S042		13	<20	0.11	<10	<10	51	<10	48
RGNB12-S043		8	<20	0.10	<10	<10	49	<10	38

